

**FINAL REMEDIAL INVESTIGATION REPORT
SMITHTOWN GROUNDWATER
CONTAMINATION SITE
SMITHTOWN, NEW YORK
VOLUME II**

Work Assignment No.: 112-RICO-02KQ

Jan 21, 2004

**Prepared for:
U.S. Environmental Protection Agency
290 Broadway
New York, New York 10007-1866**

**Prepared by:
CDM Federal Programs Corporation
125 Maiden Lane - 5th Floor
New York, New York 10038**

EPA Work Assignment No.	: 112-RICO-02KQ
EPA Region	: II
Contract No.	: 68-W-98-210
CDM Federal Programs Corporation	
Document No.	: 3223-112-RR-FRIR-04446
Prepared by	: CDM
Site Manager	: Susan Schofield, P.G.
Telephone Number	: (203) 262-6633
EPA Remedial Project Manager	: Syed Quadri
Telephone Number	: (212) 637-4233
Date Prepared	: January 16, 2004



**FINAL REMEDIAL INVESTIGATION REPORT
SMITHTOWN GROUNDWATER
CONTAMINATION SITE
SMITHTOWN, NEW YORK
VOLUME II**

Work Assignment No.: 112-RICO-02KQ

**Prepared for:
U.S. Environmental Protection Agency
290 Broadway
New York, New York 10007-1866**

**Prepared by:
CDM Federal Programs Corporation
125 Maiden Lane - 5th Floor
New York, New York 10038**

EPA Work Assignment No.	: 112-RICO-02KQ
EPA Region	: II
Contract No.	: 68-W-98-210
CDM Federal Programs Corporation	
Document No.	: 3223-112-RR-FRIR-04446
Prepared by	: CDM
Site Manager	: Susan Schofield, P.G.
Telephone Number	: (203) 262-6633
EPA Remedial Project Manager	: Syed Quadri
Telephone Number	: (212) 637-4233
Date Prepared	: January 16, 2004

Appendix A
Geophysical Reports



3 Mystic Lane
Malvern, PA 19355
(610) 722-5500
(610) 722-0250

January 13, 2003
AGS Reference: 02-283-1

Mr. Joseph DeFranco
CDM Federal Programs Corporation
125 Maiden Lane, 5th Floor
New York, NY 10038

Subject: Geophysical Investigation Results
Smithtown Groundwater Contamination Site
Smithtown, New York
CDM Solicitation No. IFB-3220-012-006-GP

Dear Mr. DeFranco:

Advanced Geological Services (AGS) presents this letter report to CDM Federal Programs Corporation (CDM), of New York, New York detailing the methods and results of a geophysical investigation conducted at the Smithtown Groundwater Contamination Site, located in Smithtown, New York. The survey area included 11 current and former commercial/industrial facilities in the Hamlet of St. James.

The objective of this geophysical survey was to clear a 10-foot radius around proposed drilling locations of buried utilities and potential drilling hazards at each of the 11 facilities. At the time of the field investigation, no base maps were available for any of the 11 facilities with regards to the locations of existing septic systems, potential buried utilities or pipelines within each of the survey areas.

To meet the objective of the investigation, AGS used a combination of geophysical methods, including ground-penetrating radar (GPR), radio-frequency (RF) utility locating methods, and electromagnetic (EM) methods. The field activities for this investigation were completed by AGS on December 17 and 18, 2002.

Survey Methods

At each of the 11 facilities, a temporary geophysical survey grid was established prior to the collection of geophysical data. The survey grid origins were generally located at permanent reference points, such as a building corner. Because no base maps for the facilities were available, AGS initially completed a cursory investigation surrounding each septic system adjacent to the proposed

drilling location to ascertain the layout of each system with regards to septic tanks, cesspools, leach tanks and piping. This cursory investigation was generally completed using a combination of visual inspection of observed manholes and vents in combination with GPR imaging data.

Upon completion of the cursory investigation, the locations of identified features were painted on the ground surface with spray paint, and a base sketch map of the investigation area was recorded in the field notes.

A radius of 10 feet surrounding each proposed drilling location was then scanned using a combination of GPR and RF utility locating methods to identify buried utilities or potential drilling hazards. The investigation area around each proposed drilling location was increased as necessary to adequately delineate nearby buried utilities, such as gas, electric, or telecommunications service. Time-domain EM and frequency-domain EM instruments were also available on-site to assist with further characterization of subsurface features if ambiguities in the GPR or RF responses were encountered.

Identified utilities were marked on the ground surface with spray paint using the APWA standard color code. Locations of the identified utilities were also recorded on the field sketch maps for future reference.

Generalized methodology for each of the geophysical methods used during this investigation are provided below.

Ground Penetrating Radar (GPR) Method

The ground-penetrating radar (GPR) method was used to provide subsurface imaging information at the proposed soil boring locations, and the surrounding areas. The GPR method is based upon the transmission of repetitive, radio-frequency electromagnetic (EM) pulses into the subsurface. When the transmitted energy of down-going wave contacts an interface of dissimilar electrical character, part of the energy is returned to the surface in the form of a reflected signal. This reflected signal is detected by a receiving transducer and is displayed on the screen of the GPR unit as well as being recorded on the internal hard-drive. The received GPR response remains constant as long as the electrical contrast between media is present and constant. Lateral or vertical changes in the electrical properties of the subsurface result in equivalent changes in the GPR response. The system records a continuous image of the subsurface by plotting two-way travel time of the reflected EM pulse versus distance traveled along the ground surface. Two-way travel time values are then converted to depth using known soil velocity functions.

The GPR field procedures involved (1) instrument calibration, (2) test run

completion, (3) production profile collection and recording, and (4) data storage for subsequent processing and analysis in the office. Each radar profile was examined for characteristic GPR signatures that may indicate the presence of buried targets.

Typically, features such as pipes, tanks or vaults exhibit a strong, continuous, radar reflection that occurs at the soil/feature interface. The reflection is present along the upper boundary of the feature, and diffracts, or tails off, at the edges of the feature. Generally, the GPR signature possesses a high signal amplitude, and either a hyperbolic reflection shape (perpendicular to the long axis of the pipe or tank) or a horizontal reflection shape (parallel to the long axis of the pipe or tank).

A Geophysical Survey System SIR System 2 and a 400 megahertz (MHz) antenna were used with a recording window of 60 nanoseconds (ns) to provide a depth of penetration of approximately 10 feet.

Radio Frequency Utility Locating Method

To assist with the locating and tracing of specific utilities, as well as conducting blind searches, AGS utilized a Radiodetection RD400/PDL2 utility locating instrument. This instrument consists of a receiver/tracer and a remote transmitter which operates at multiple radio-frequencies (RF) ranging from 8 KHz to 65 KHz. The receiver unit detects both the transmitted RF signals and standard 60 Hz electrical powerlines when operated in passive detection mode. This utility tracing instrument is an analog device which provides audible feedback to the operator when a utility coupled with the transmitted signal is crossed. The transmitter produces a radio-frequency signal in the utility to be traced by either induction coupling or direct hook-up. The receiver output varies an audible pitch depending upon how far the utility is from the receiver. By carefully adjusting the gain of the receiver, and observing the field strength of the received signal, it is possible to determine the location of the utility and to separate it from adjacent utilities. This instrument also estimates the depth to the utility being traced, and displays in on the output display.

Depending upon the coupling method used to introduce the tracer signal into the utility, the construction of the utility, and the presence of nearby cross-coupling features, this system can trace utilities up to depths of more than 12 feet. For this investigation the utility locating system was used in both direct coupling and induced coupling to trace specific utilities. In addition, each proposed drilling location was scanned with the receiver in passive 60 Hz mode to detect any small diameter electrical cables or conduits that may cross near the drilling location.

Frequency Domain Ground Conductivity Electromagnetic (EM) Method

The ground conductivity electromagnetic (EM) method uses the principle of

electromagnetic induction to measure the variability of ground conductivity of subsurface materials. When significant contrasts in the electrical properties between non-indigenous materials and surrounding soil are present, it is commonly possible to accurately delineate fill and buried materials. Although historically frequency domain EM instruments were designed for mineral exploration and delineation of geologic features, more recent instruments, such as that used in this study, were designed for shallow exploration of man-made targets. The large EM response to metal makes this technique particularly well suited to identifying buried metal objects, and the predictability of the response makes this instrument well suited for locating USTs or linear metallic pipes.

A Geonics EM31 ground conductivity EM instrument was used to collect frequency domain EM data. The EM31 operates in accordance with the theory of operation at low induction numbers. An alternating current is passed through the transmitter coil to induce eddy currents into the ground. These eddy currents generate a secondary magnetic field. A component of the induced magnetic field is detected by a receiver coil and measured by the instrument. The receiver measures the field strength of both the quadrature and the in-phase components. The quadrature response is displayed as the terrain conductivity response in units of milliSiemens per meter (mS/m). The in-phase response is displayed in units of parts per thousand (ppt) of the transmitted signal. The EM31 instrument has a maximum depth of investigation of approximately 18 feet below the ground surface.

The EM31 instrument was used in scanning mode to locate buried metal features, such as buried manhole covers.

Time Domain EM Metal Detection Method

A Geonics EM61 time domain EM metal detection instrument data was available to assist with this investigation if needed to resolve ambiguous geophysical responses from other instrumentation. This instrument generates a pulsed primary EM field into the earth, which induces eddy currents in nearby metallic objects. The eddy current decay produces a secondary magnetic field which is measured by the receiver coil. By taking measurements at a relatively long time after the start of the decay, the current induced in the ground has been fully dissipated and only the current in the metal is still producing a secondary field. In scanning mode, the instrument produces an audible response indicating the presence of buried metal beneath the antenna. The response is measured in millivolts (mV) which can also be displayed and recorded by an integrated data logger. The instrument uses two antenna coils separated by 0.5 meters (1.6 feet) to provide potential depth information and to both minimize and quantify effects from above ground metallic objects. This instrument is very sensitive to metal objects, but relatively insensitive to variations in soil conductivity and geologic

features. The standard EM61 configuration used during this investigation is capable of detecting metal targets the size of a 55-gallon drum up to depths of 10 feet or more depending upon site conditions.

Results and Discussion

A total of 11 individual sites were investigated using a combination of integrated geophysical methods as described above. The location and designation of the sites investigated are provided in Table 1. All identified subsurface features identified during this investigation were marked out on the ground surface using appropriately color coded spray paint. A sketch map which shows locations of identified subsurface features for each site was prepared using AutoCAD. All maps have been provided at the end of this report at a scale of 1 inch = 10 feet.

Table 1. Site Designations and Addresses

Designation	Facility Name and Address
VPW-01	Gene's French Cleaners 256 Lake Ave. St. James, NY
VPW-02	Avenue Cleaners 483 Lake Ave. St. James, NY
VPW-03	St. James Cleaners 559-561 Lake Ave. St. James, NY
VPW-04	Sal's Auto Body 617-621 Lake Ave St. James, NY
VPW-05	Polo French Cleaners 556 North Country Road (25A) St. James, NY
VPW-06	Smithtown Central School District (SCSD) Administration Center Edgewood Ave. St. James, NY

Designation	Facility Name and Address
VPW-07	Four Seasons Cesspool 400 North Country Road (25A) St. James, NY
VPW-08	North Country Cleaners 430-11 North Country Road (25A) St. James, NY
VPW-09	The Cleaners 437 North Country Road (25A) St. James, NY
VPW-10	St James Exxon Center 525 North Country Road (25A) St. James, NY
VPW-11	Penney's St. James Garage 545 North Country Road (25A) St. James, NY

GPR methods were used predominantly to image subsurface features. Generally the quality of the geophysical data were good to very good, and the edges of the septic tanks, leach tanks and pipes could be identified in the GPR images. Tracing of individual small diameter utilities, such as electrical cables or conduits and gas lines, were achieved using RF utility locating methods. The EM31 instrument was used to conduct a blind search for a buried manhole cover at the VPW-07 site, which was identified and is shown on the site sketch map.

Hard copies least two GPR images collected across each proposed drilling location have been provided for each site. The locations of the corresponding GPR traces are shown on each of the site sketch maps. The GPR images from each site are attached to the end of this report immediately following the corresponding site sketch map.

All geophysical data and field notes collected as a part of this investigation will be archived at the AGS office. The data collection and interpretation used in this investigation are consistent with standard practices applied to similar geophysical investigations. The correlation of geophysical responses with probable subsurface features is based on the past results of similar surveys although it is possible that some variation could exist at this site. Due to the nature of geophysical data, no guarantees can be made or implied regarding the presence or absence of additional objects or targets beyond those identified.

If you have any questions regarding the methods or results of this investigation, please contact me at 610-722-5500. It was a pleasure working with you on this project, and I look forward to working with you in the future.

Sincerely,

A handwritten signature in cursive script, appearing to read "Donald Jagel".

Donald Jagel, P.G.
Senior Geophysicist

Attachments: VWP-01 through VPW-11 Site Sketch Maps and Representative
GPR Images.

LEGEND

E

Electric

—

Septic/Sewer

—

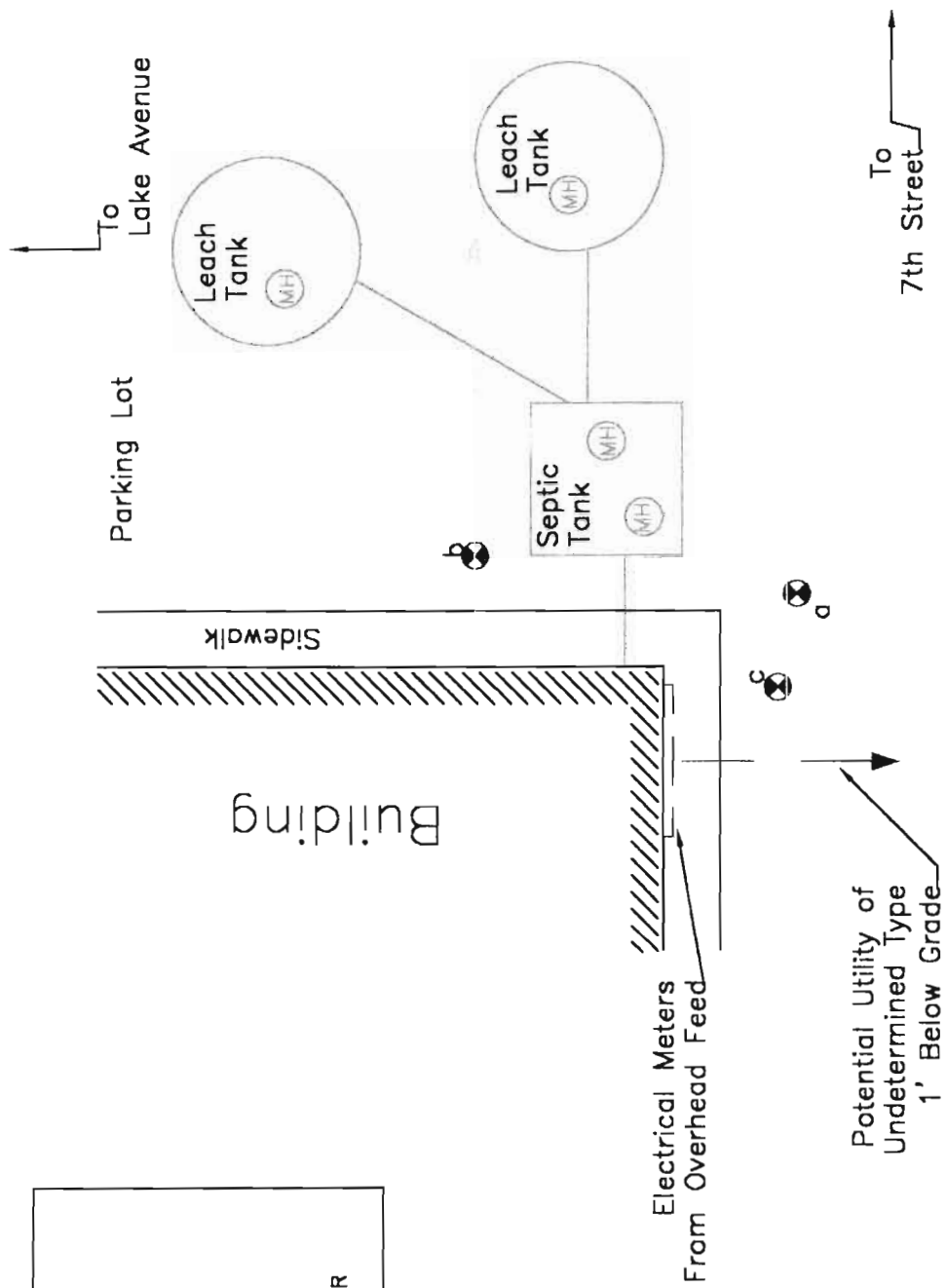
Potential Utility of Undetermined Type

⊙

Proposed VPW Location

⊙

Representative GPR Traverse Location



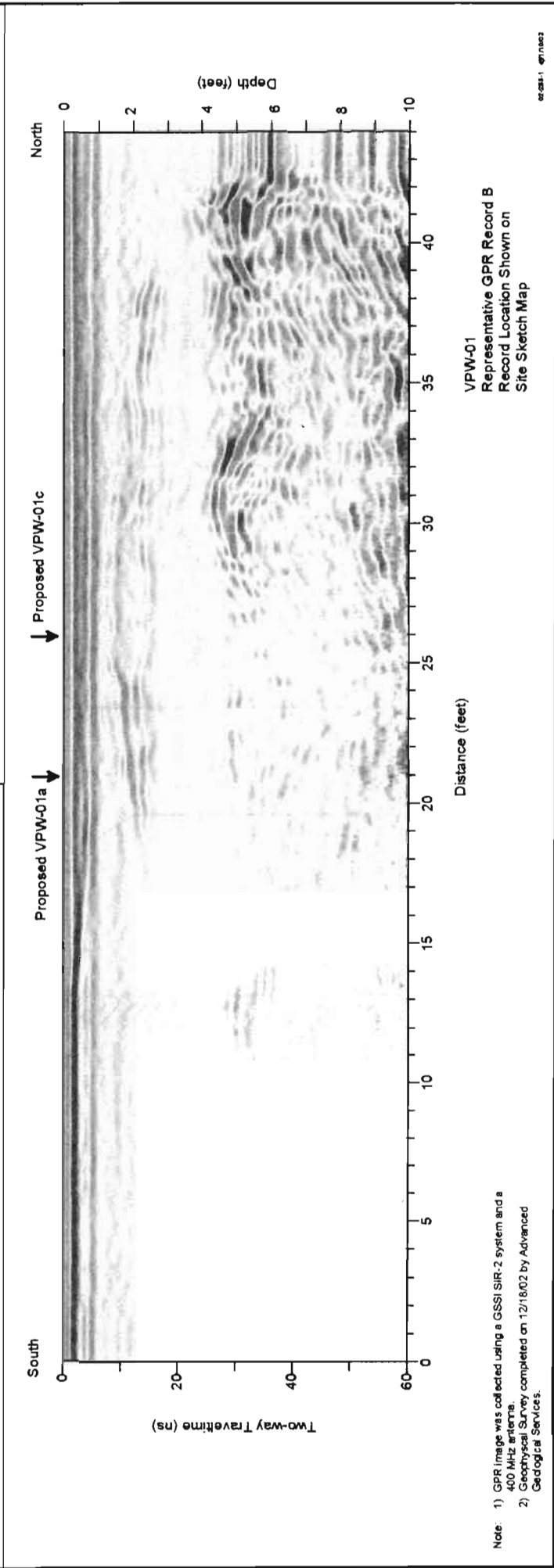
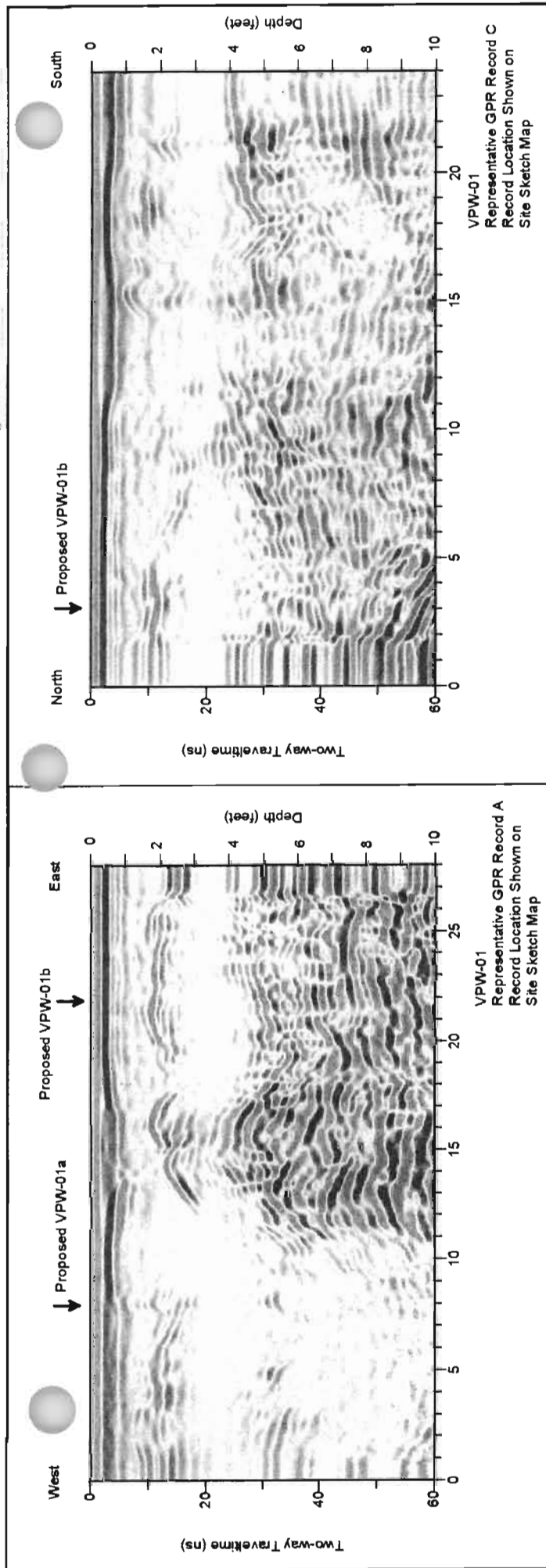
- Notes:
- 1) All items depicted on this map are based on measuring tape measurements completed by AGS on 12/18/02. Feature locations were not surveyed by a licensed surveyor and should be considered approximate.
 - 2) Radio Frequency (RF) utility locating was completed using a Radiodetection RD400PDL-2 system (serial #FA1USA287427).
 - 3) Ground penetrating radar (GPR) data were collected using a GSSI SIR-2 system (serial #1272) with 400 MHz antenna.
 - 4) Potential underground utilities identified during the geophysical investigation are shown on this map.

Site: VPW-01
 Gene's French Cleaners
 256 Lake Avenue
 St. James,

Client:
 CDM Federal Programs Corp.
 125 Maiden Lane, 5th Floor
 New York, New York 10038

CDM Job #: 3220-0120006-GP
 AGS Job #: 02-238-1
 Date: 1/9/2003





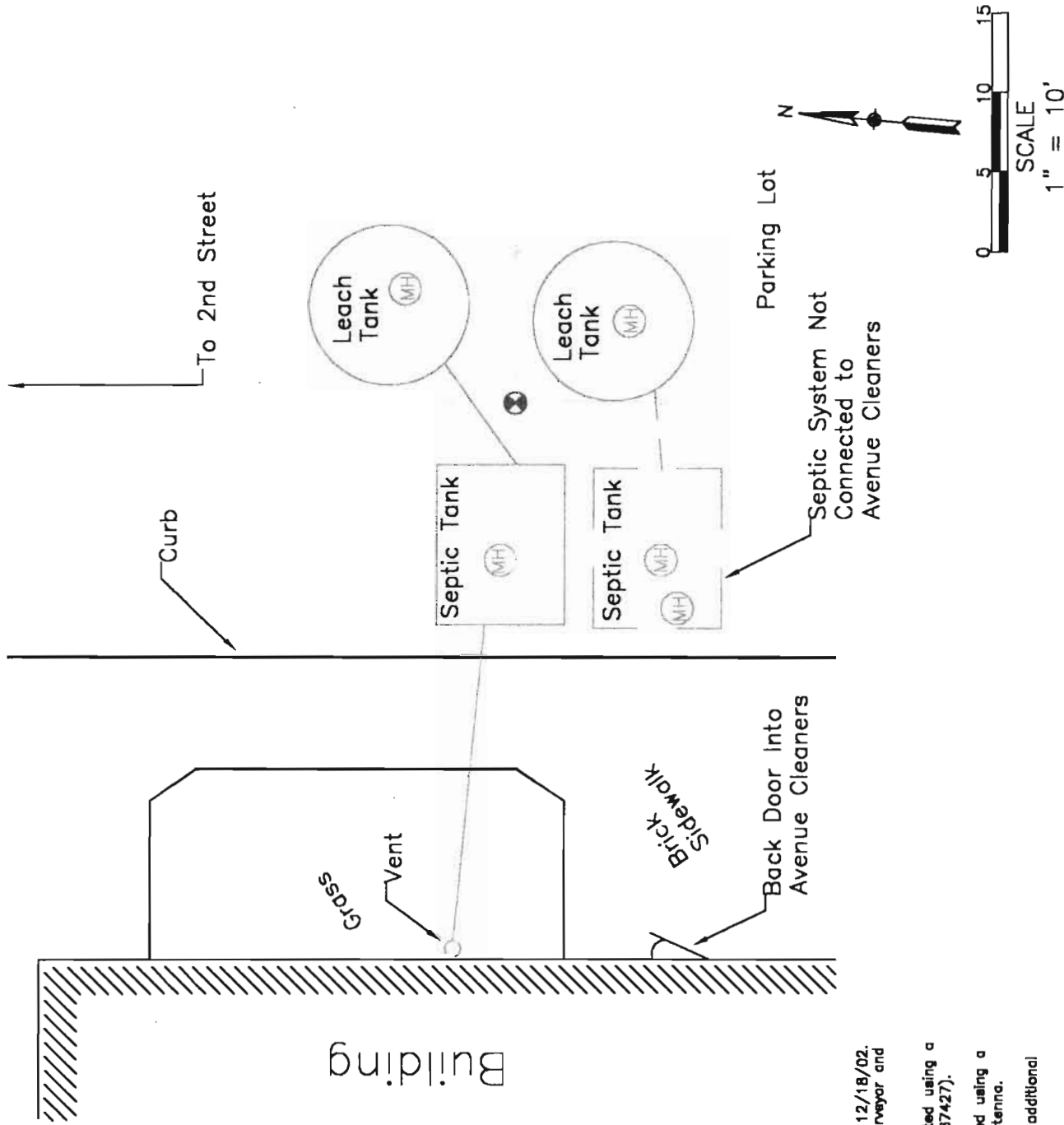
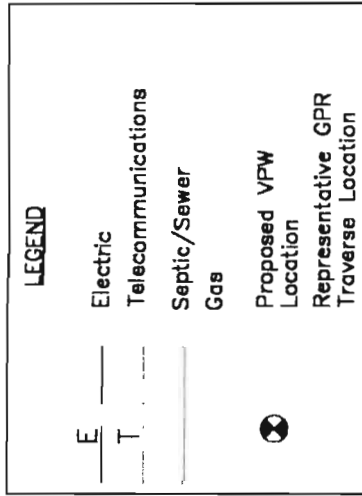
Note: 1) GPR image was collected using a GSSI SIR-2 system and a 400 MHz antenna.
2) Geophysical Survey completed on 12/18/02 by Advanced Geological Services.

VPW-11
Gene's French Cleaners
256 Lake Avenue
St. James, NY

CDM Federal Programs Corp.
Smithtown Groundwater Contamination Site
CDM Job #: 3220-0120006-GP



es-23a-1 gpr/1a-c2



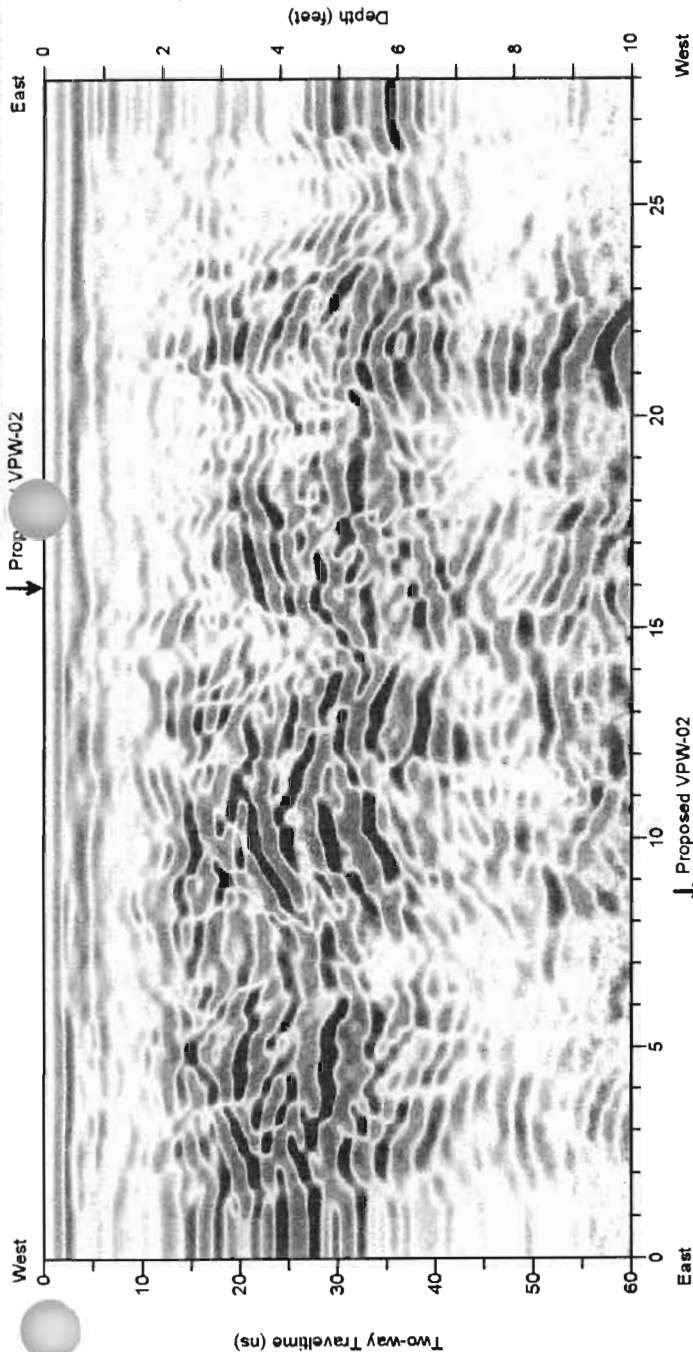
- Notes:**
- 1) All items depicted on this map are based on measuring tape measurements completed by ACS on 12/18/02. Feature locations were not surveyed by a licensed surveyor and should be considered approximate.
 - 2) Radio Frequency (RF) utility locating was completed using a Radiodetection RD400PDL-2 system (serial #FA1USA287427).
 - 3) Ground penetrating radar (GPR) data were collected using a GSSI SIR-2 system (serial #1272) with 400 MHz antenna.
 - 4) Aside from septic pipes shown on this map, no additional underground utilities were identified.

Site: VPW-02
Avenue Cleaners
483 Lake Avenue
St. James,

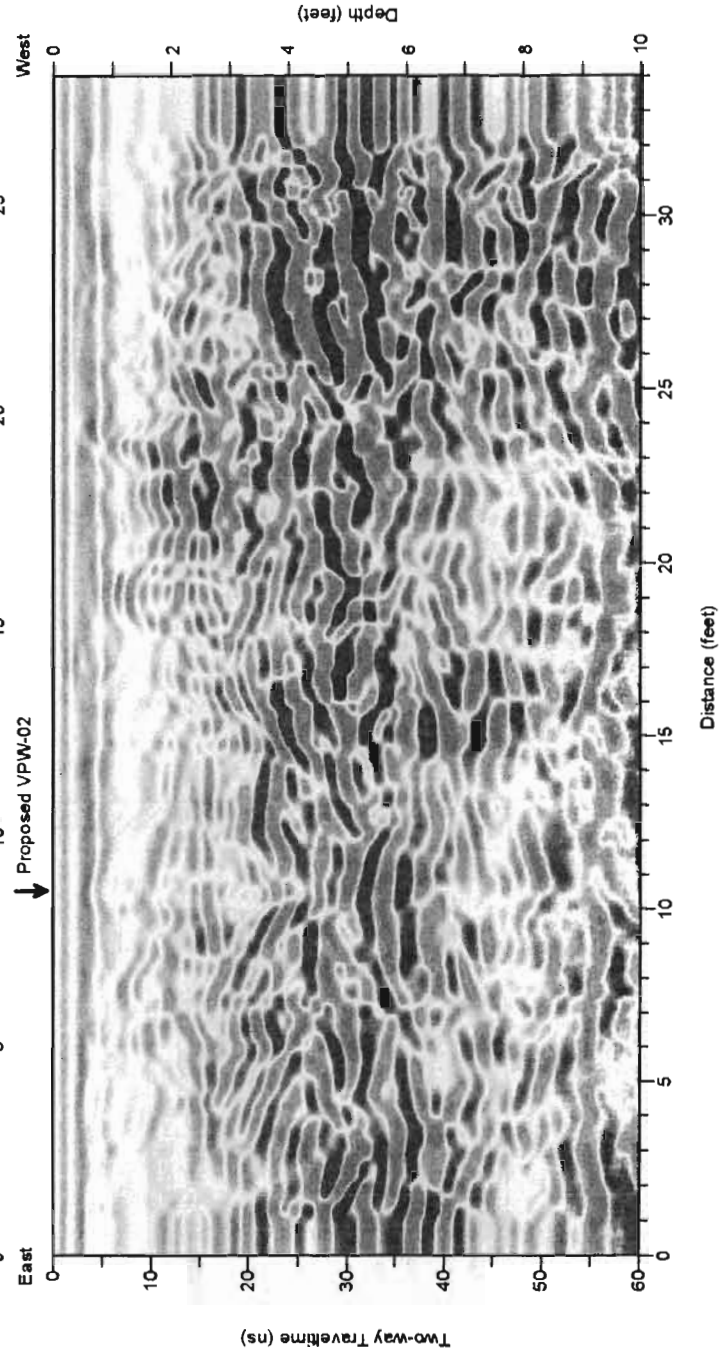
Client:
CDM Federal Programs Corp.
125 Maiden Lane, 5th Floor
New York, New York 10038

CDM Job #: 3220-0120006-GP
AGS Job #: 02-238-1
Date: 1/7/2003





VPW-02
Representative GPR Record A
Record Location Shown on
Site Sketch Map



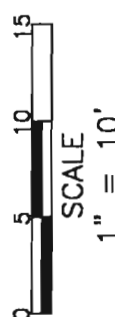
VPW-02
Representative GPR Record B
Record Location Shown on
Site Sketch Map

Note: 1) GPR image was collected using a GSSI SIR-2 system and a 400 MHz antenna.
2) Geophysical Survey completed on 12/18/02 by Advanced Geological Services.

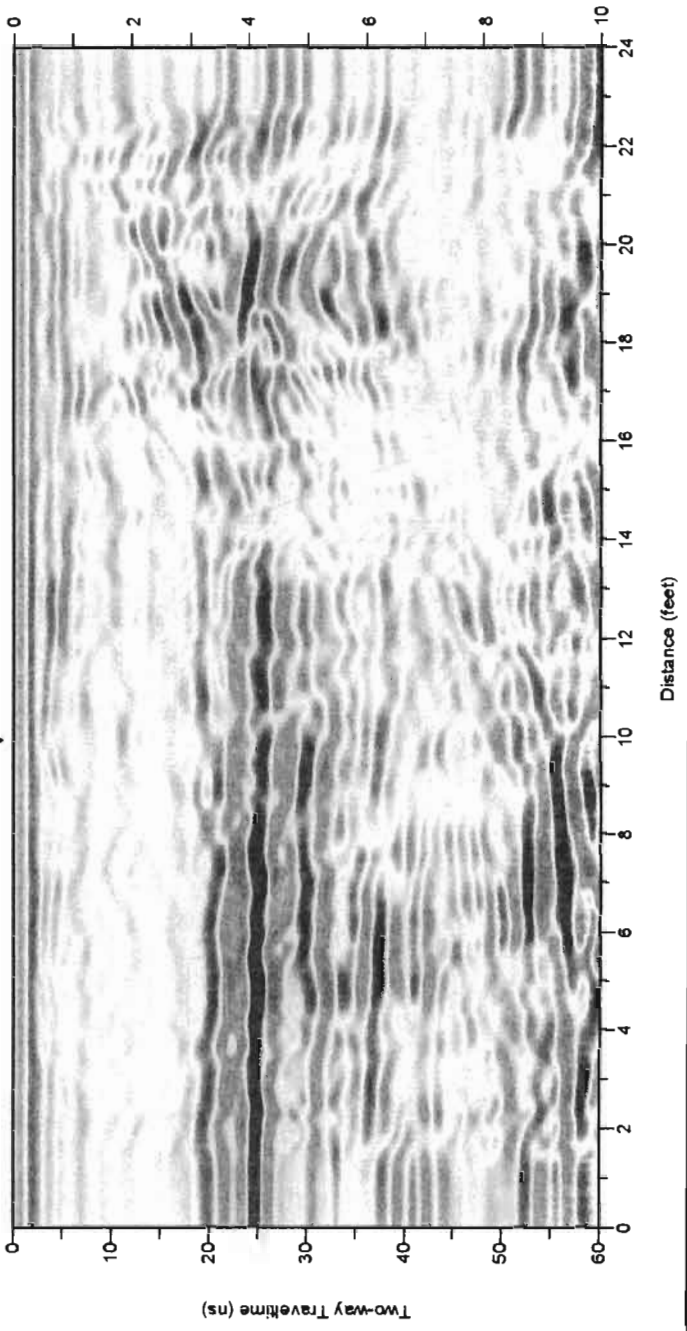
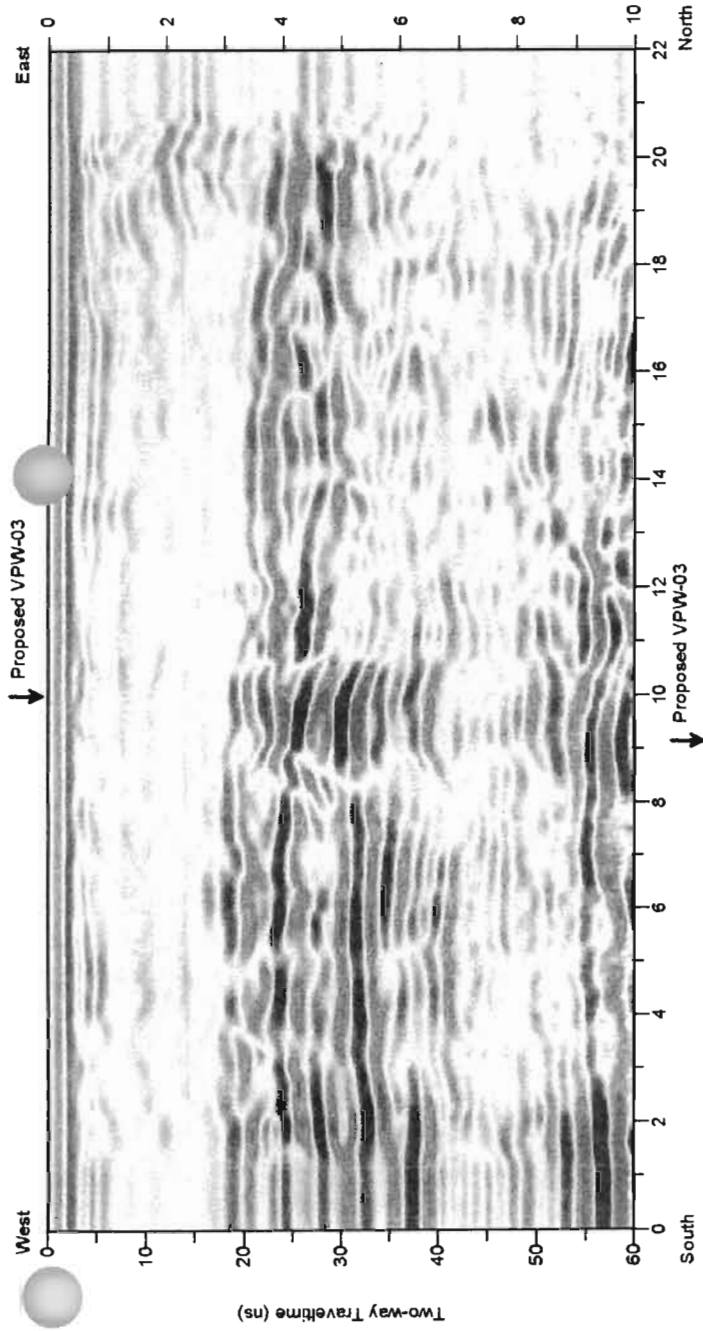
VPW-02
Avenue Cleaners
483 Lake Avenue
St. James, NY

CDM Federal Programs Corp.
Smithtown Groundwater Contamination Site
CDM Job #: 3220-0120006-GP





ADVANCED
GEOLOGICAL
SERVICES



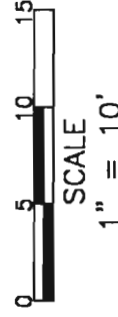
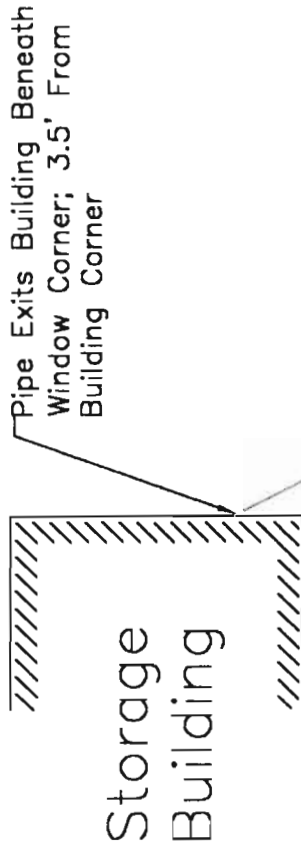
Note: 1) GPR image was collected using a GSSI SIR-2 system and a 400 MHz antenna.
2) Geophysical Survey completed on 12/18/02 by Advanced Geological Services.



CDM Federal Programs Corp.
Smithtown Groundwater Contamination Site
CDM Job #: 3220-0120006-GP

VPW-03
St. James Cleaners
559-561 Lake Avenue
St. James, NY

LEGEND	
	Electric
	Telecommunications
	Septic/Sewer
	Gas
	Proposed VPW Location
	Representative GPR Traverse Location



Notes:

- 1) All items depicted on this map are based on measuring tape measurements completed by AGS on 12/17/02. Feature locations were not surveyed by a licensed surveyor and should be considered approximate.
- 2) Radio Frequency (RF) utility locating was completed using a Radiodetection RD400PDL-2 system (serial #FA1USA287427).
- 3) Ground penetrating radar (GPR) data were collected using a GSSI SIR-2 system (serial #1272) with 400 MHz antenna.
- 4) Aside from septic pipes shown on this map, no additional underground utilities were identified.

Site: VPW-04

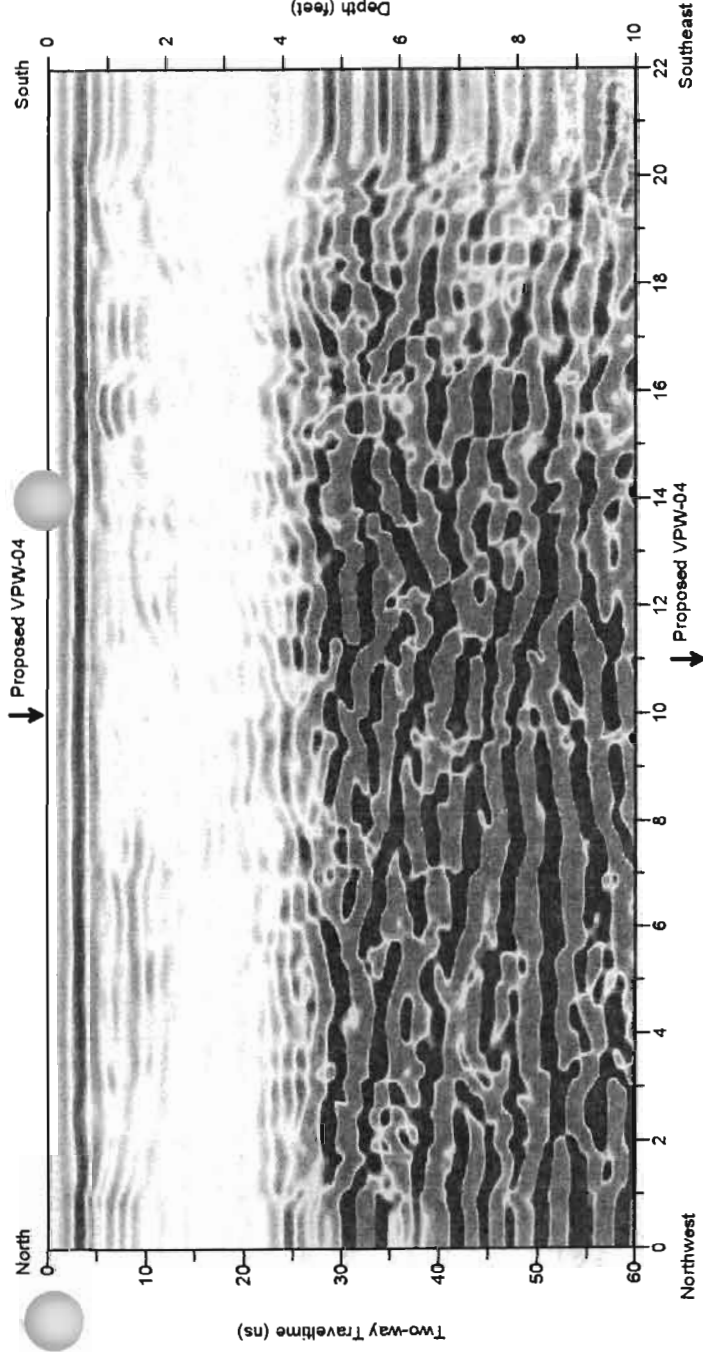
Sal's Auto Body
617-621 Lake Avenue
St. James,

Client:

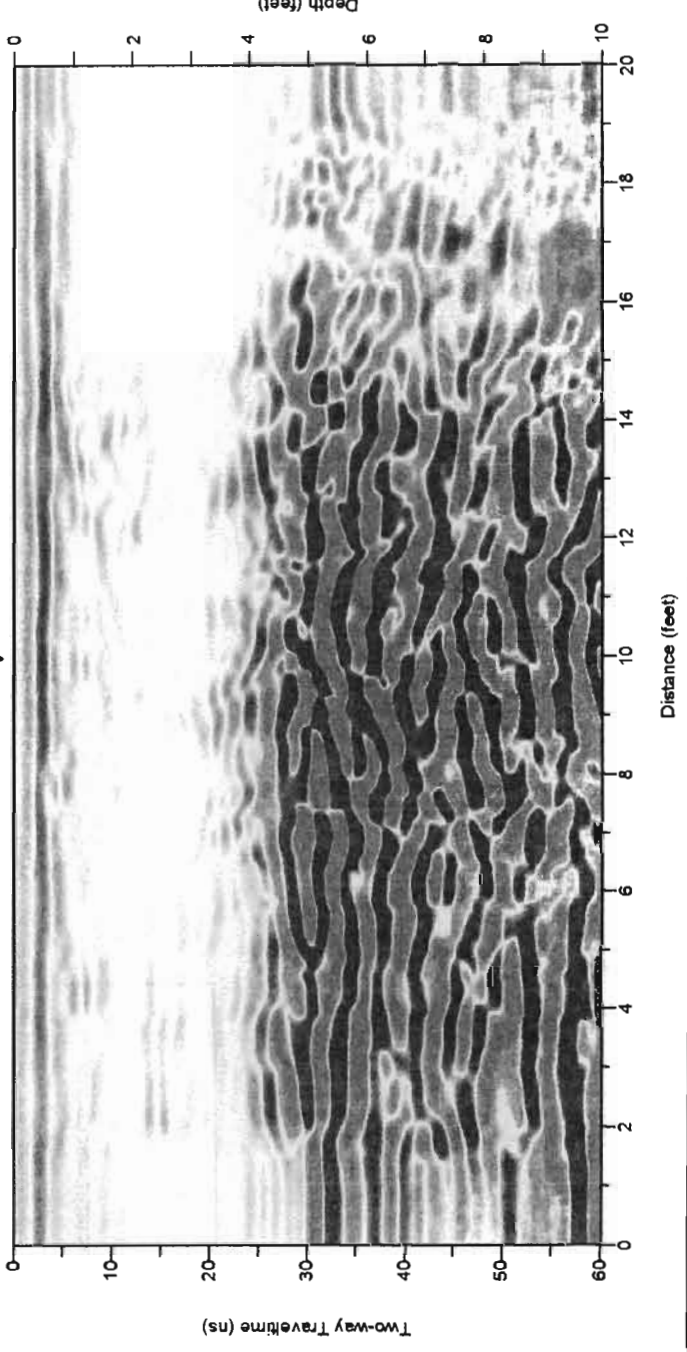
CDM Federal Programs Corp.
125 Maiden Lane, 5th Floor
New York, New York 10038

CDM Job #: 3220-0120006-GP
AGS Job #: 02-238-1
Date: 1/7/2003





VPW-04
Representative GPR Record A
Record Location Shown on
Site Sketch Map



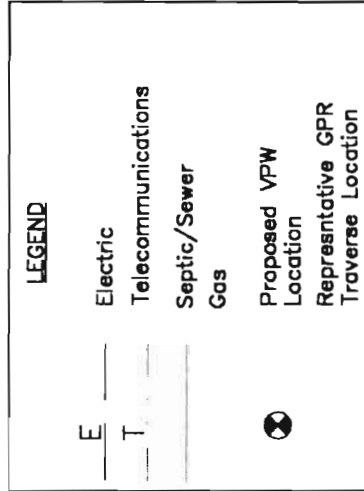
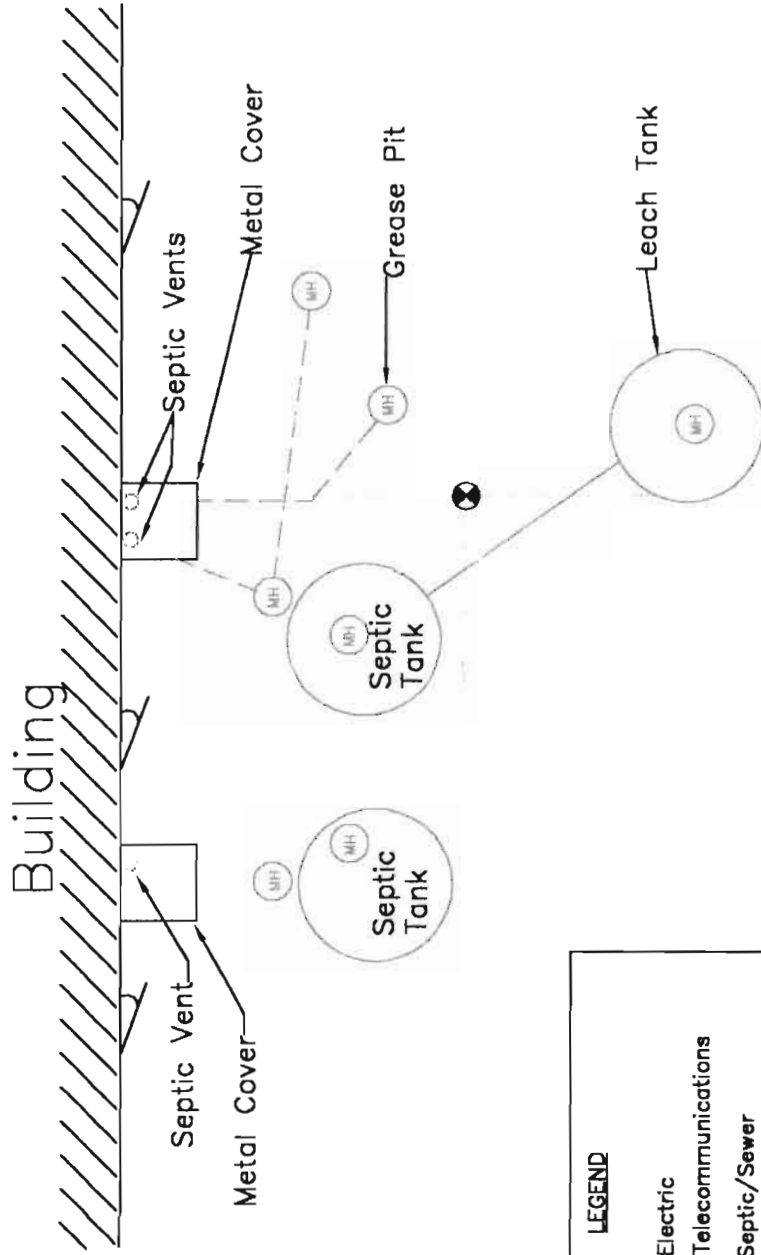
VPW-04
Representative GPR Record B
Record Location Shown on
Site Sketch Map

Note: 1) GPR image was collected using a GSSI SIR-2 system and a 400 MHz antenna.
2) Geophysical Survey completed on 12/17/02 by Advanced Geological Services.

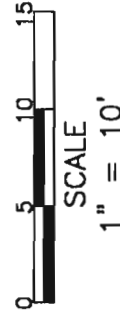
VPW-04
Sal's Autobody
617-621 Lake Avenue
St. James, NY

CDM Federal Programs Corp.
Smithtown Groundwater Contamination Site
CDM Job #: 3220-0120006-GP





- Notes:**
- 1) All items depicted on this map are based on measuring tape measurements completed by AGS on 12/17/02. Feature locations were not surveyed by a licensed surveyor and should be considered approximate.
 - 2) Radio Frequency (RF) utility locating was completed using a Radiodetection RD400PDL-2 system (serial #FA1USA267427).
 - 3) Ground penetrating radar (GPR) data were collected using a GSSI SIR-2 system (serial #1272) with 400 MHz antenna.
 - 4) Potential underground utilities identified during the geophysical investigation are shown on this map.

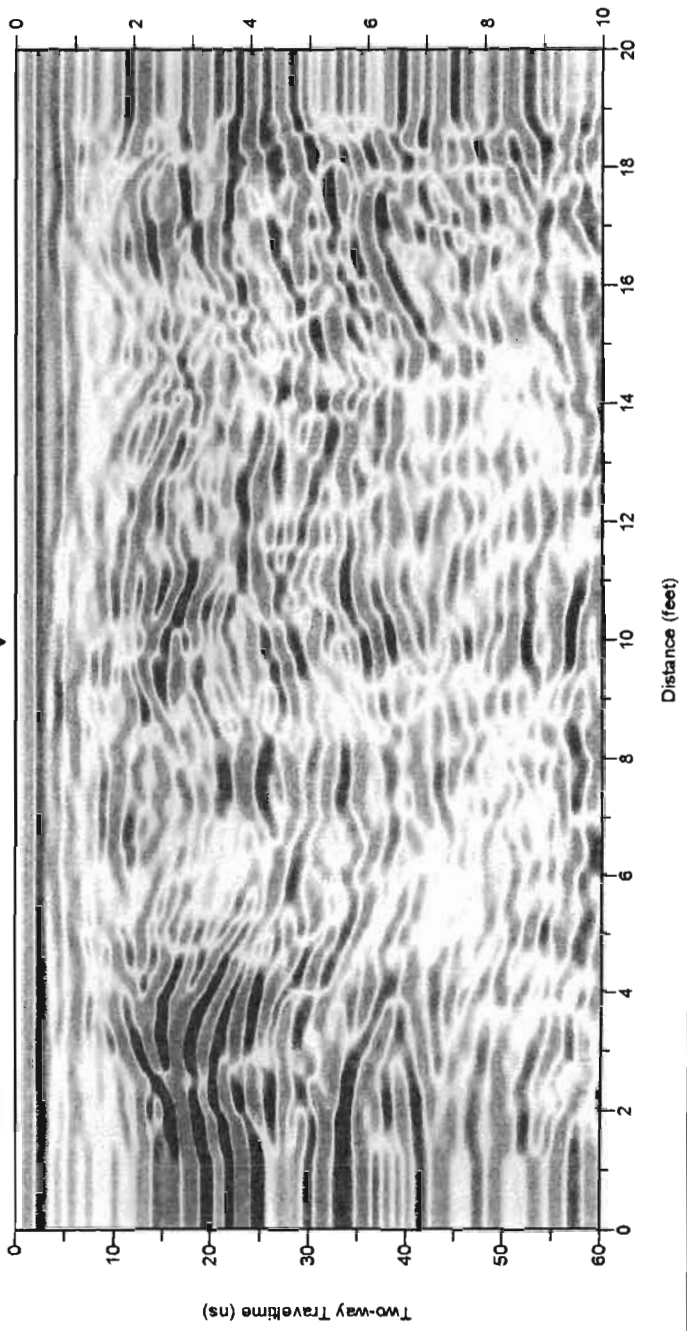
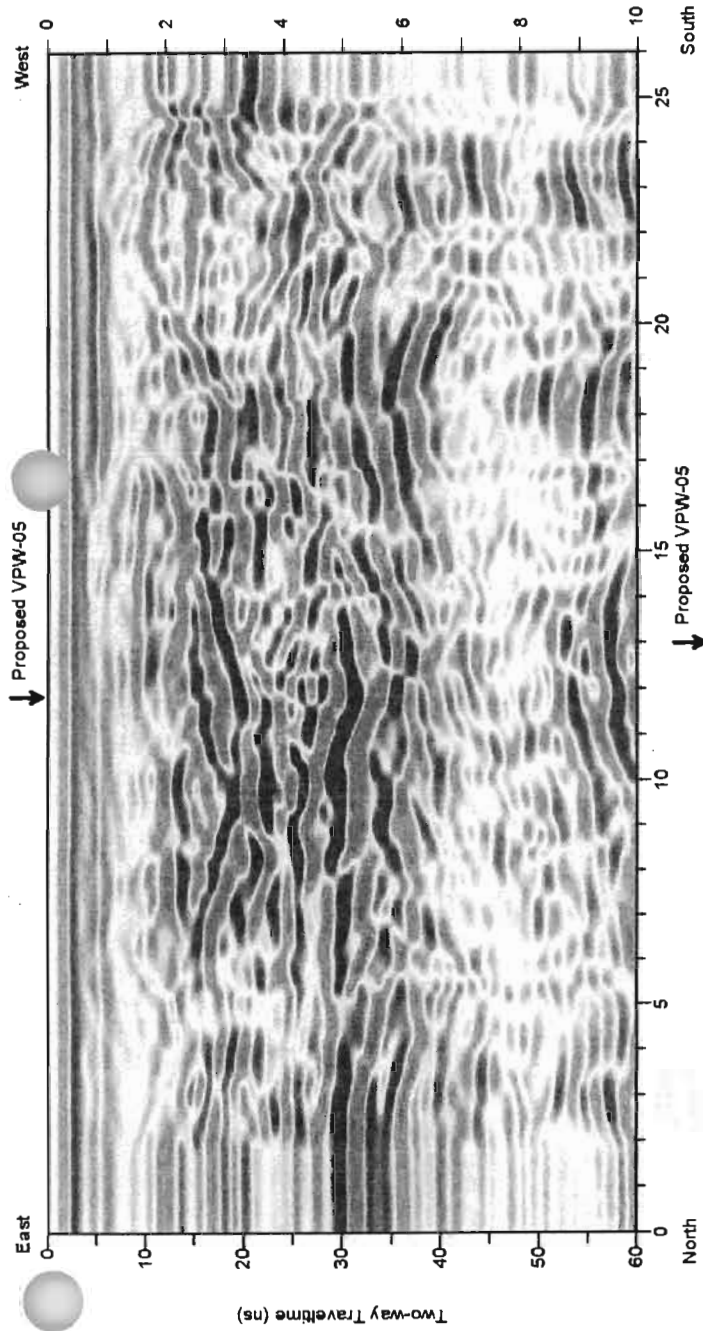


Site:
VPW-05
Palo French Cleaners
556 North Entry Road (25A)
St. James, MO

Client:
CDM Federal Programs Corp.
125 Maiden Lane, 5th Floor
New York, New York 10038

CDM Job #: 3220-0120006-GP
AGS Job #: 02-238-1
Date: 1/3/2003



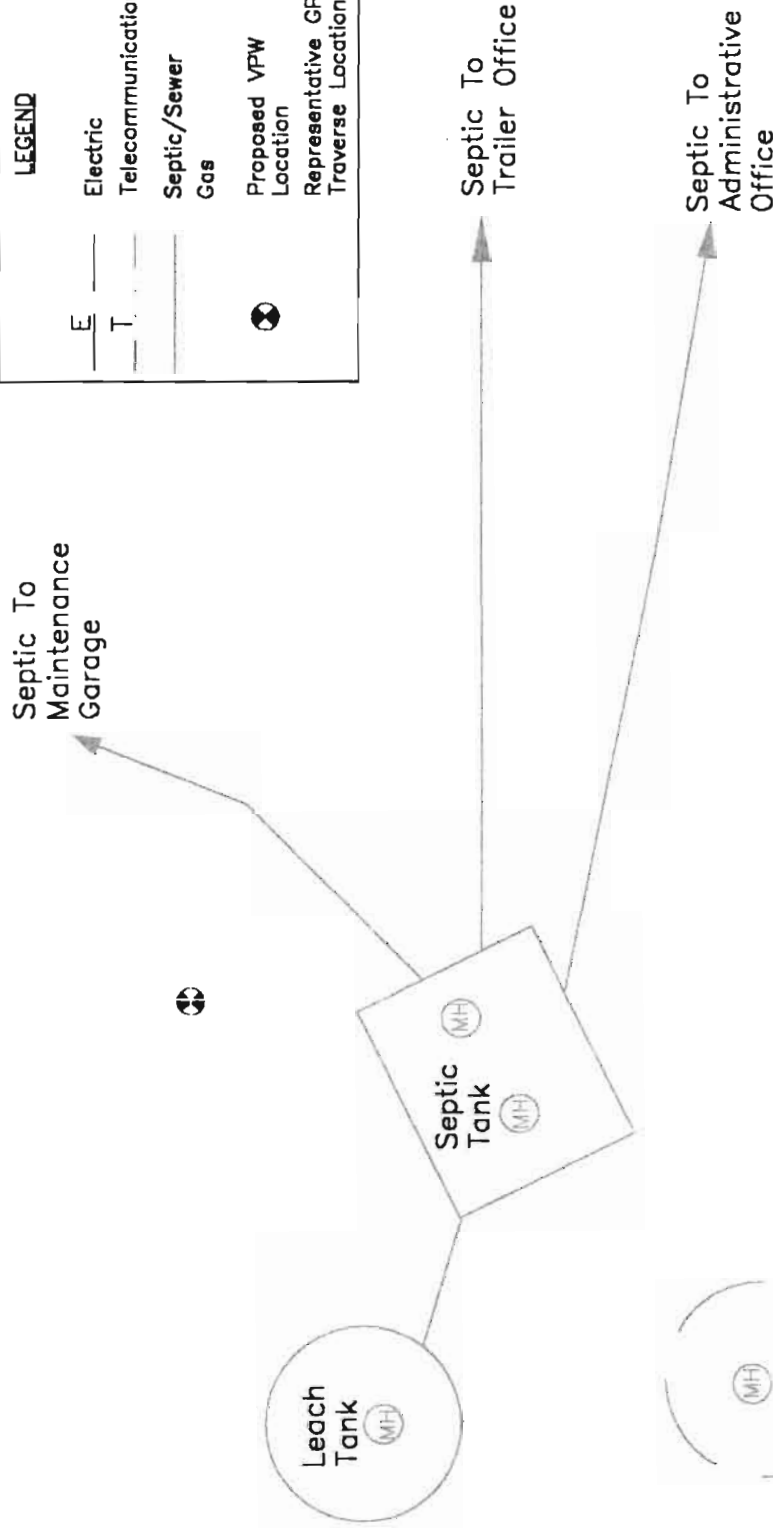
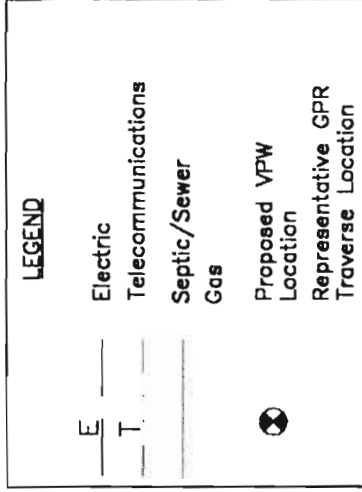


Note: 1) GPR image was collected using a GSSI SIR-2 system and a 400 MHz antenna.
2) Geophysical Survey completed on 12/17/02 by Advanced Geological Services.

VPW-05
Polo French Cleaners
556 North Country Road (25A)
St. James, NY

CDM Federal Programs Corp.
Smithtown Groundwater Contamination Site
CDM Job #: 3220-0120006-GP





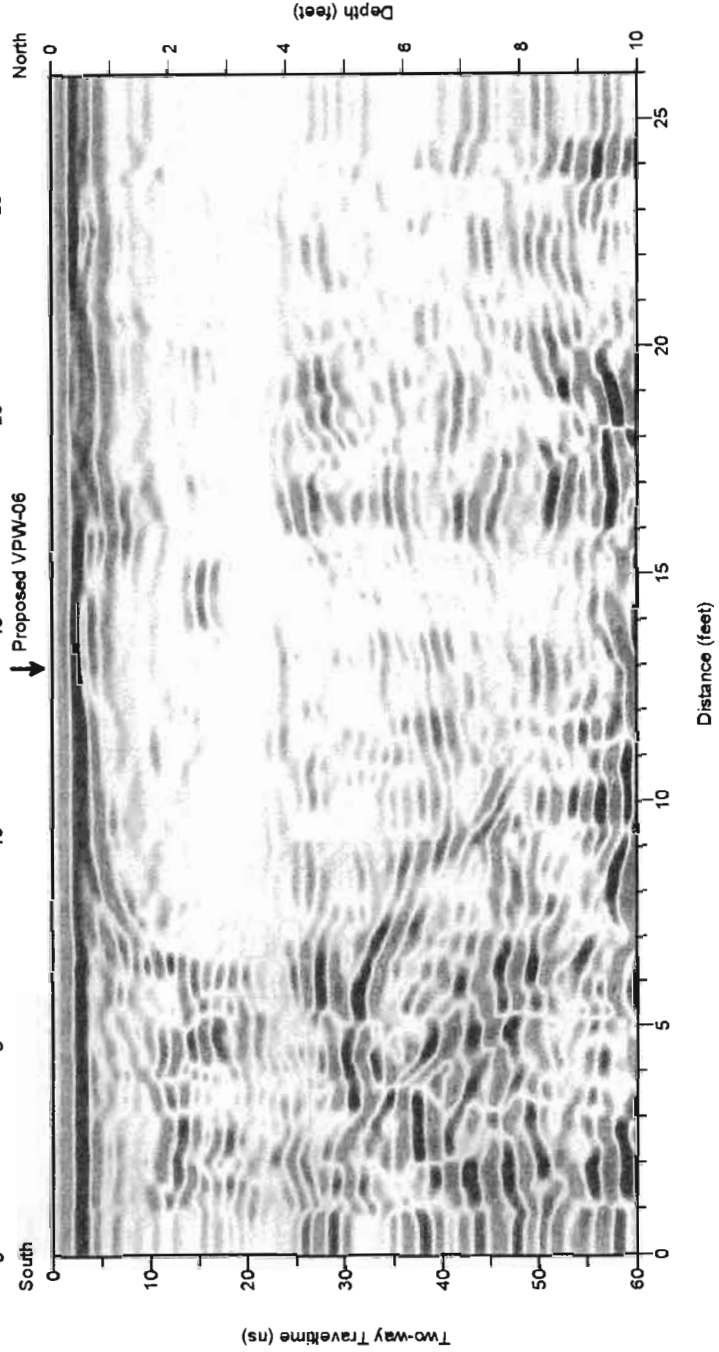
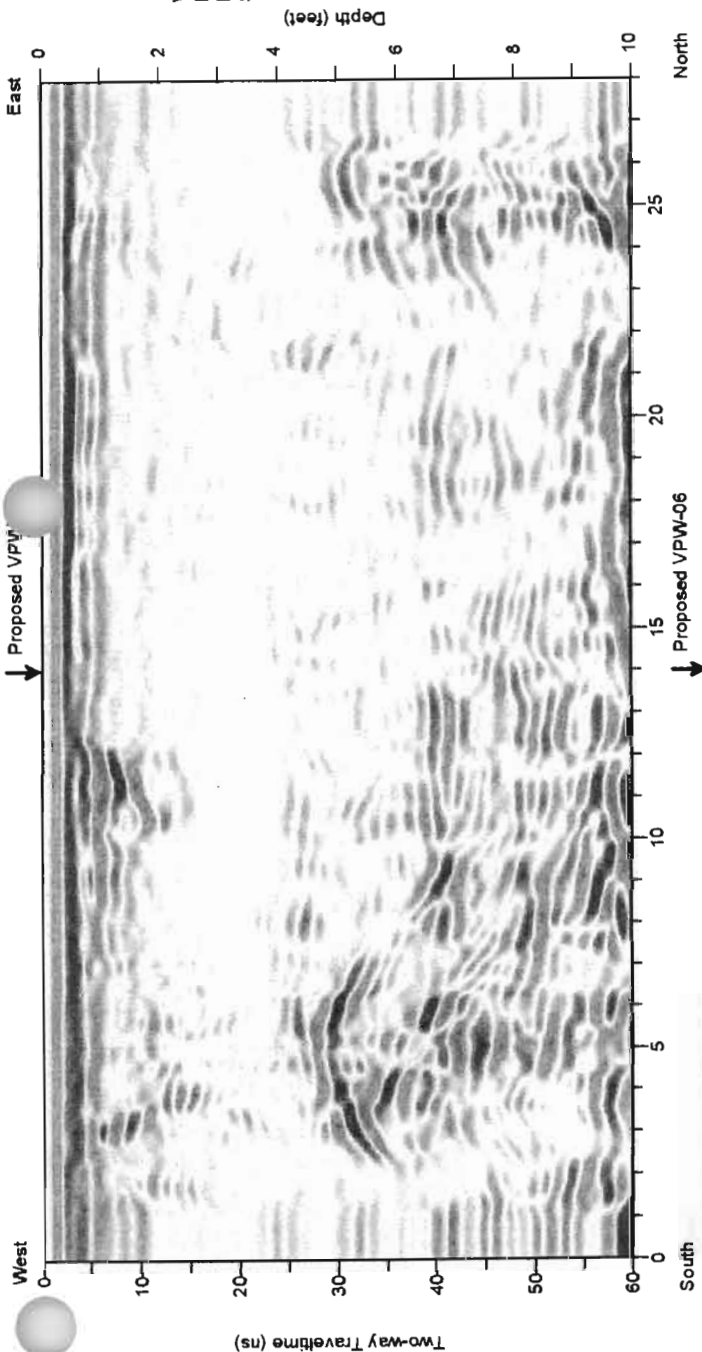
- Notes:**
- 1) All items depicted on this map are based on measuring tape measurements completed by AGS on 12/18/02. Feature locations were not surveyed by a licensed surveyor and should be considered approximate.
 - 2) Radio Frequency (RF) utility locating was completed using a Radiodetection RD400PDL-2 system (serial #FA1USA267427).
 - 3) Ground penetrating radar (GPR) data were collected using a GSSI SIR-2 system (serial #1272) with 400 MHz antenna.
 - 4) Aside from septic pipes shown on this map, no additional underground utilities were identified.

Site: VPW-06
 Smithtown Central
 School District
 Edgewood Avenue
 St. James,

Client:
 CDM Federal Programs Corp.
 125 Maiden Lane, 5th Floor
 New York, New York 10038

CDM Job #: 3220-0120006-GP
 AGS Job #: 02-238-1
 Date: 1/9/2003





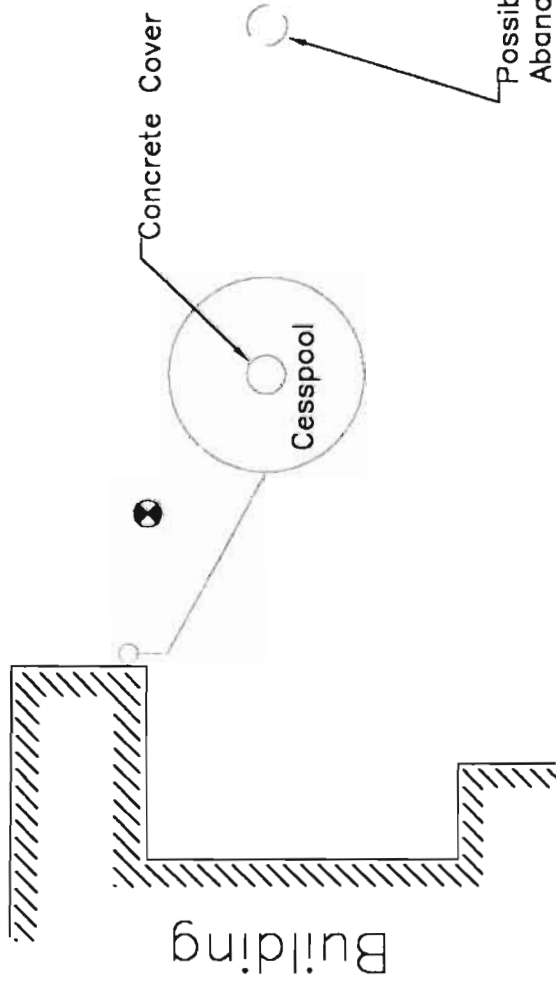
Note: 1) GPR image was collected using a GSSI SIR-2 system and a 400 MHz antenna.
2) Geophysical Survey completed on 12/18/02 by Advanced Geological Services.

VPW-06

Smithtown Central School District
Edgewood Avenue
St. James, NY

CDM Federal Programs Corp.
Smithtown Groundwater Contamination Site
CDM Job #: 3220-0120006-GP





LEGEND	
E	Electric
T	Telecommunications
—	Septic/Sewer
—	Gas
⊗	Proposed VPW Location
⊗	Representative GPR Traverse Location

Notes:

- 1) All items depicted on this map are based on measuring tape measurements completed by AGS on 12/18/02. Feature locations were not surveyed by a licensed surveyor and should be considered approximate.
- 2) Radio Frequency (RF) utility locating was completed using a Radiodetection RD400PDL-2 system (serial #FA1USA267427).
- 3) Ground penetrating radar (GPR) data were collected using a GSSI SIR-2 system (serial #1272) with 400 MHz antenna.
- 4) Aside from septic pipes shown on this map, no additional underground utilities were identified.

Site: VPW-07

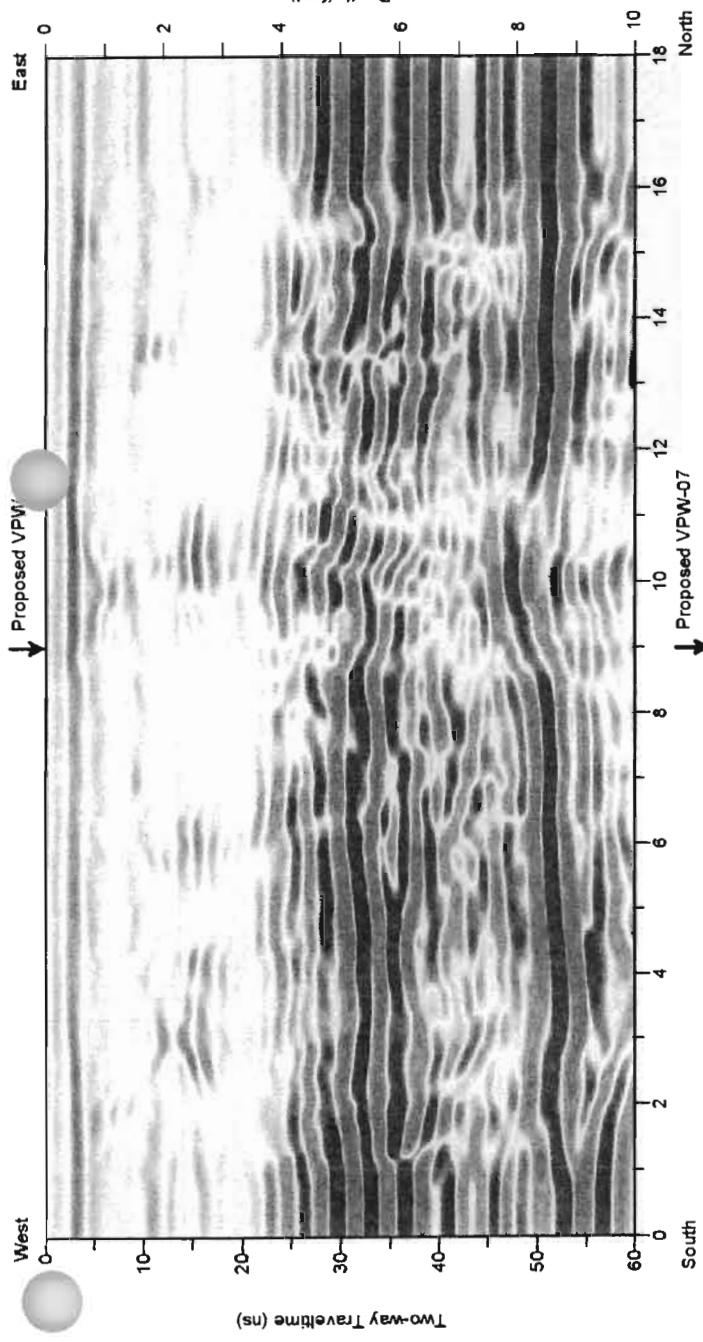
Four Seasons Cesspool
400 North Country Road (25A)
St. James,

Client:

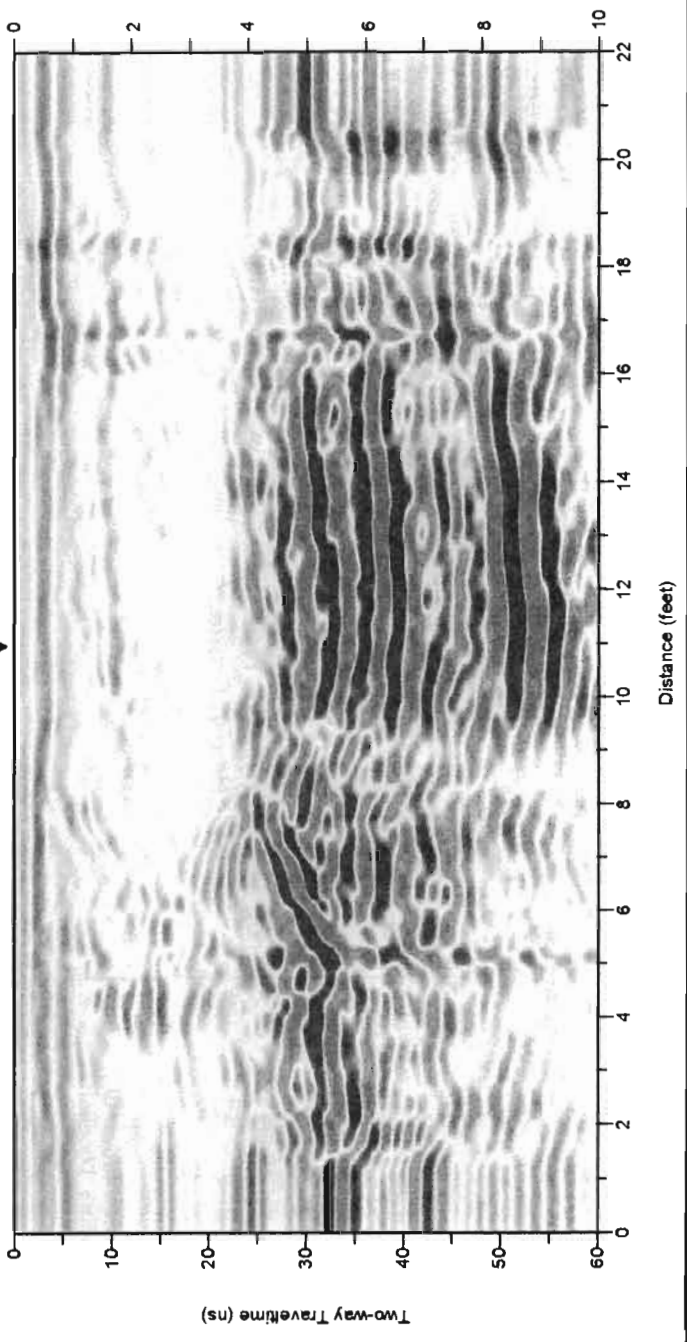
CDM Federal Programs Corp.
125 Maiden Lane, 5th Floor
New York, New York 10038

CDM Job #: 3220-0120006-GP
AGS Job #: 02-238-1
Date: 1/7/2003

ADVANCED
GEOLOGICAL
SERVICE



VPW-07
Representative GPR Record A
Record Location Shown on
Site Sketch Map



VPW-07
Representative GPR Record B
Record Location Shown on
Site Sketch Map

Note: 1) GPR image was collected using a GSSI SIR-2 system and a 400 MHz antenna.
2) Geophysical Survey completed on 12/18/02 by Advanced Geological Services.

VPW-07
Four Seasons Cesspool
400 North Country Road (25A)
St. James, NY

CDM Federal Programs Corp.
Smithtown Groundwater Contamination Site
CDM Job #: 3220-0120006-GP



→ To
Rt 25A

E

—

—

—

⊗

LEGEND

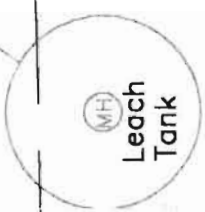
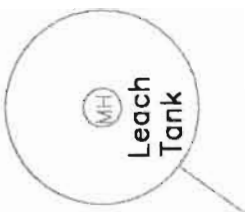
Electric

Septic/Sewer

Potential Utility of Undetermined Type

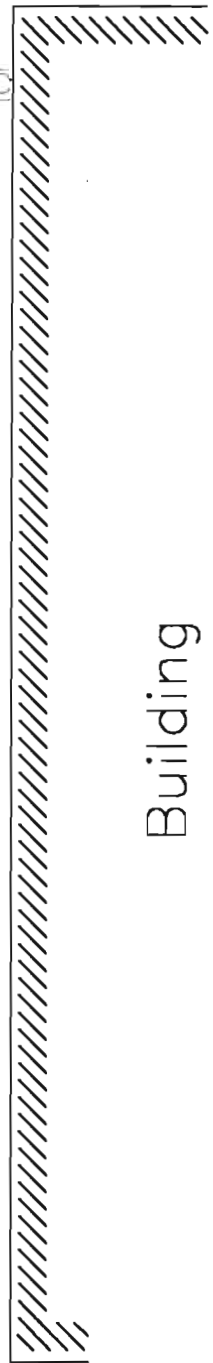
Proposed VPW Location

Representative GPR Traverse Location

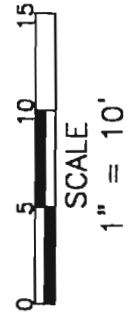


Potential Utility of Undetermined Type
24" Below Grade

Metal Plate
Vent



Building



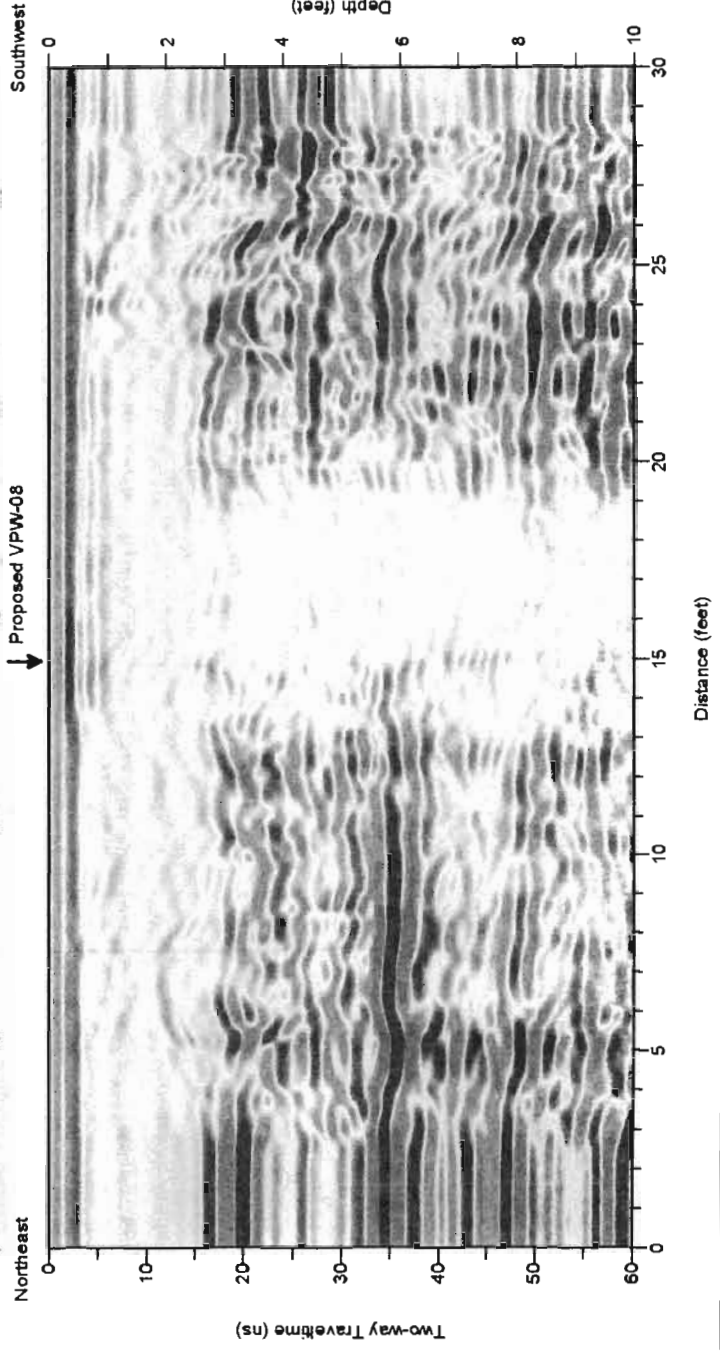
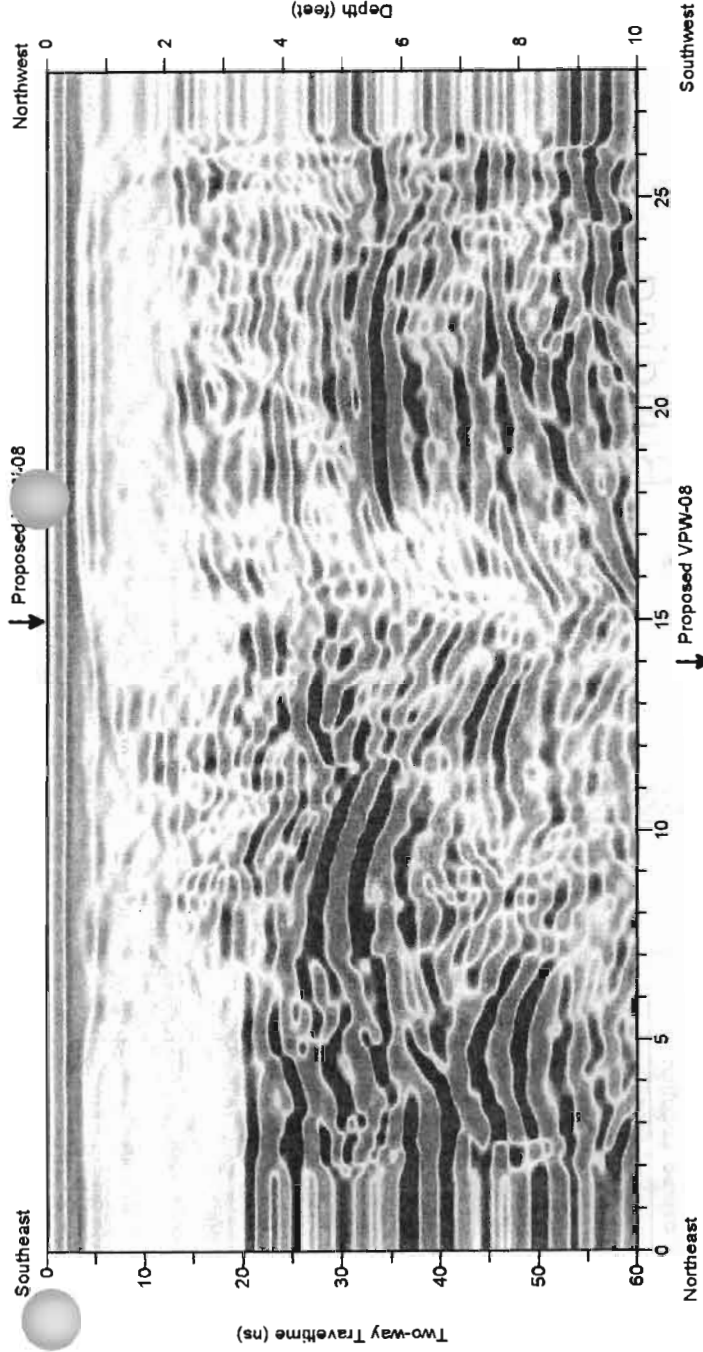
- Notes:
- 1) All items depicted on this map are based on measuring tape measurements completed by AGS on 12/17/02. Feature locations were not surveyed by a licensed surveyor and should be considered approximate.
 - 2) Rodia Frequency (RF) utility locating was completed using a Radiodetection RD400PDL-2 system (serial #FA1USA267427).
 - 3) Ground penetrating radar (GPR) data were collected using a GSSI SIR-2 system (serial #1272) with 400 MHz antenna.
 - 4) Potential underground utilities identified during the geophysical investigation are shown on this map.

Site: VPW-08
North Country Cleaners
430-11 North Country Road
(25A)
St. James,

Client:
CDM Federal Programs Corp.
125 Maiden Lane, 5th Floor
New York, New York 10038

CDM Job #: 3220-0120006-GP
AGS Job #: 02-238-1
Date: 1/7/2003



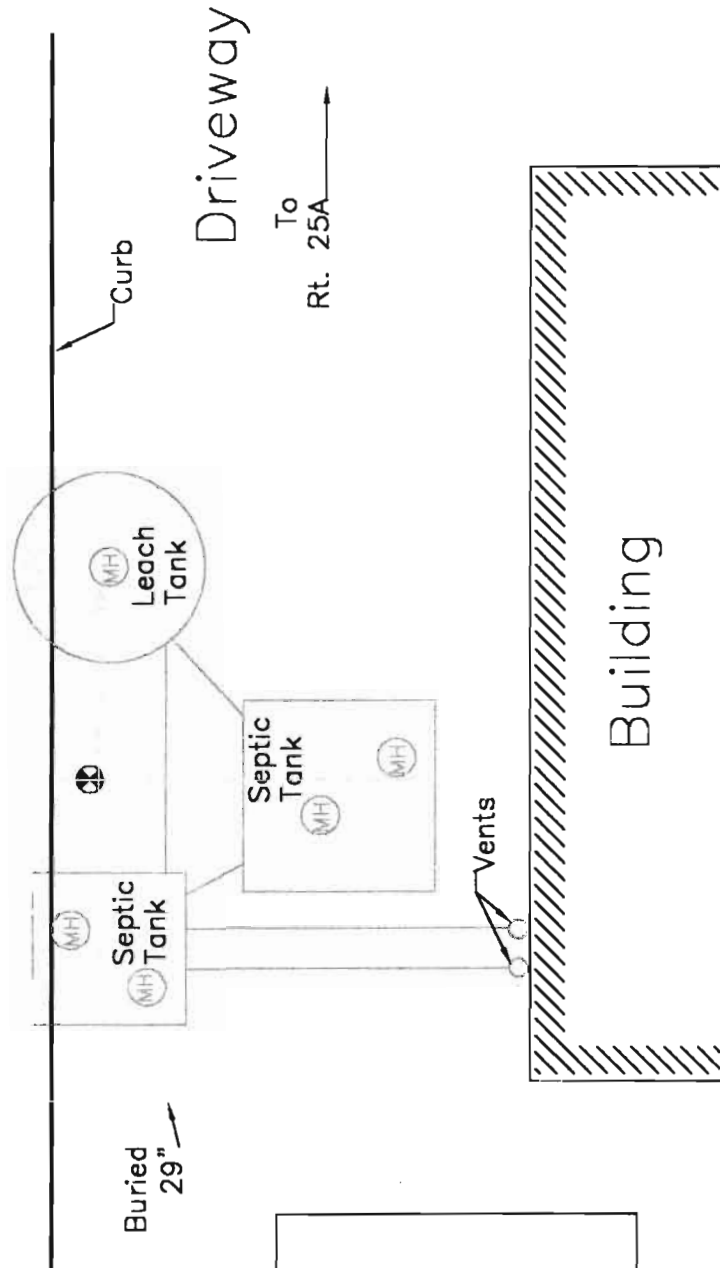


Note: 1) GPR image was collected using a GSSI SIR-2 system and a 400 MHz antenna.
2) Geophysical Survey completed on 12/17/02 by Advanced Geological Services.



CDM Federal Programs Corp.
Smithtown Groundwater Contamination Site
CDM Job #: 3220-0120006-GP

VPW-08
North Country Cleaners
430-11 North Country Road (25A)
St. James, NY



LEGEND

E ———	Electric
T ———	Telecommunications
S ———	Septic/Sewer
G ———	Gas
	Proposed VPW Location
	Representative GPR Traverse Location

- Notes:**
- 1) All items depicted on this map are based on measuring tape measurements completed by AGS on 12/17/02. Feature locations were not surveyed by a licensed surveyor and should be considered approximate.
 - 2) Radio Frequency (RF) utility locating was completed using a Radiodetection RD400PDL-2 system (serial #FA1USA267427).
 - 3) Ground penetrating radar (GPR) data were collected using a GSSI SIR-2 system (serial #1272) with 400 MHz antenna.
 - 4) Potential underground utilities identified during the geophysical investigation are shown on this map.

N

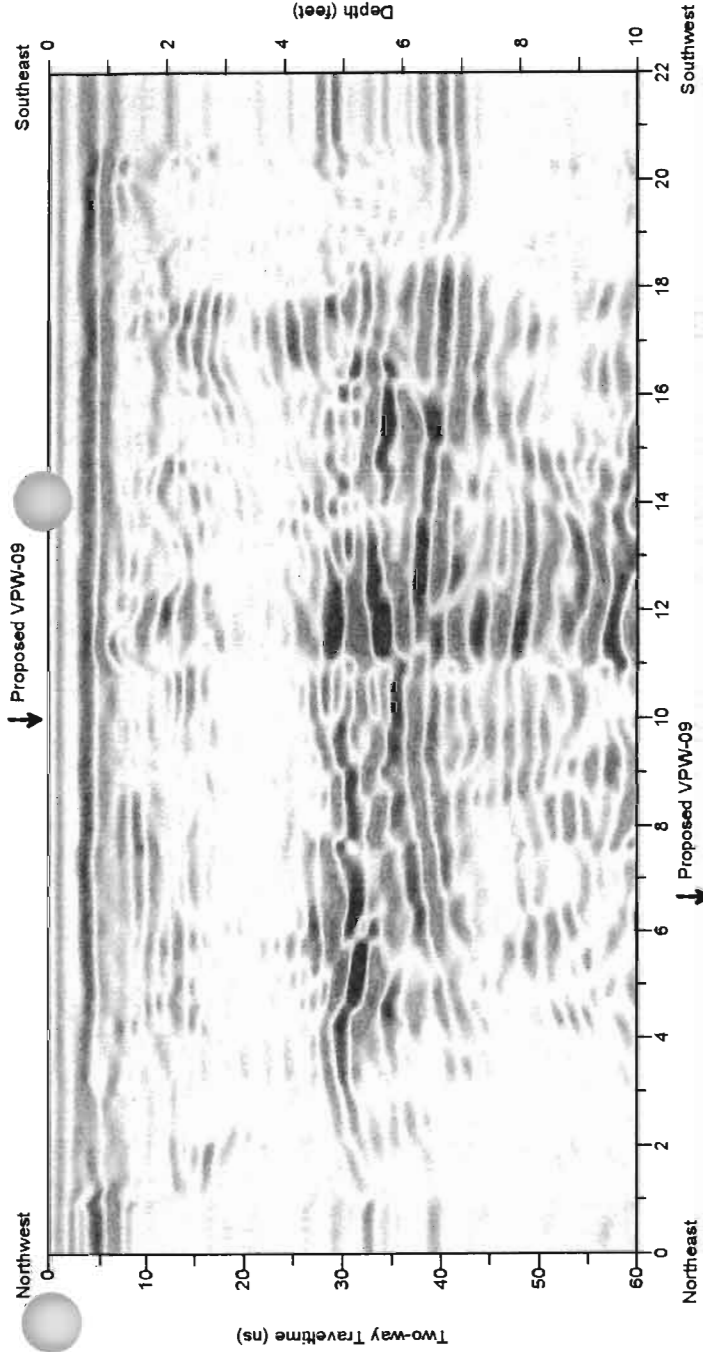
SCALE
1" = 10'

Site: VPW-09
 The Cleaners
 437 North Country Road (25A)
 St. James,

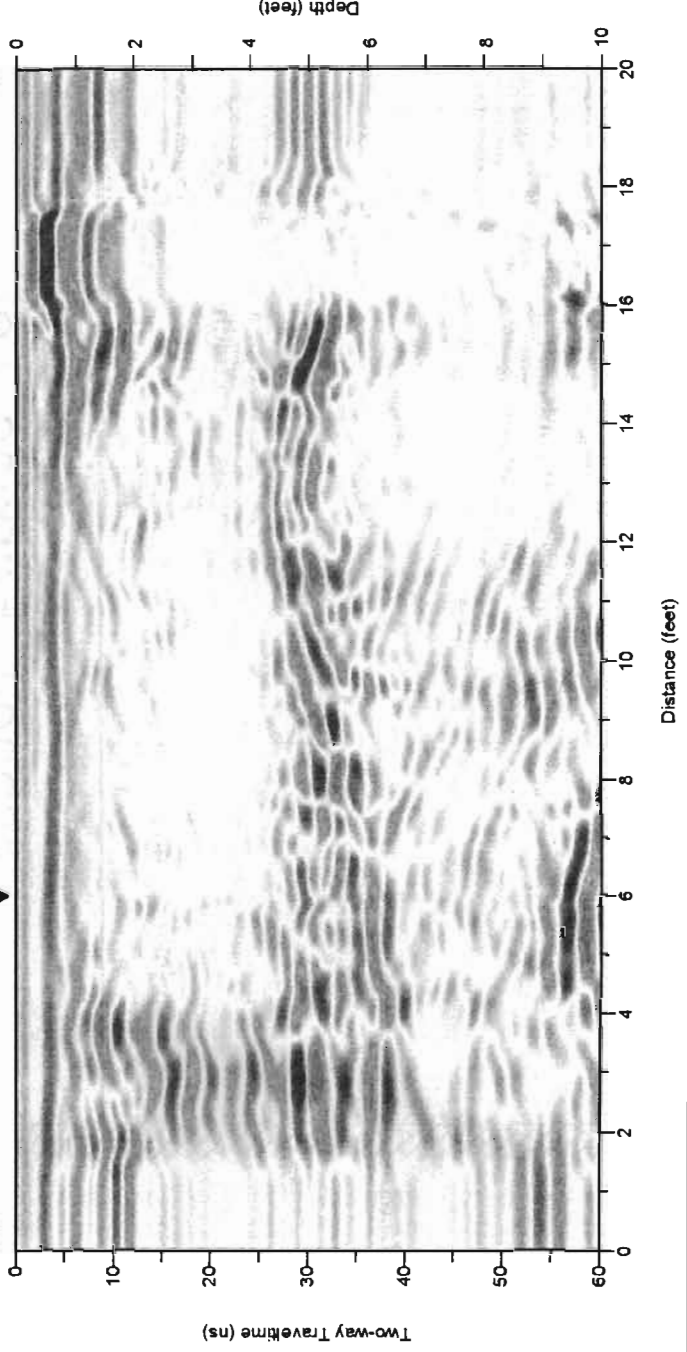
Client:
 CDM Federal Programs Corp.
 125 Maiden Lane, 5th Floor
 New York, New York 10038

CDM Job #: 3220-0120006-GP
 AGS Job #: 02-238-1
 Date: 1/3/2003





VPW-09
Representative GPR Record A
Record Location Shown on
Site Sketch Map



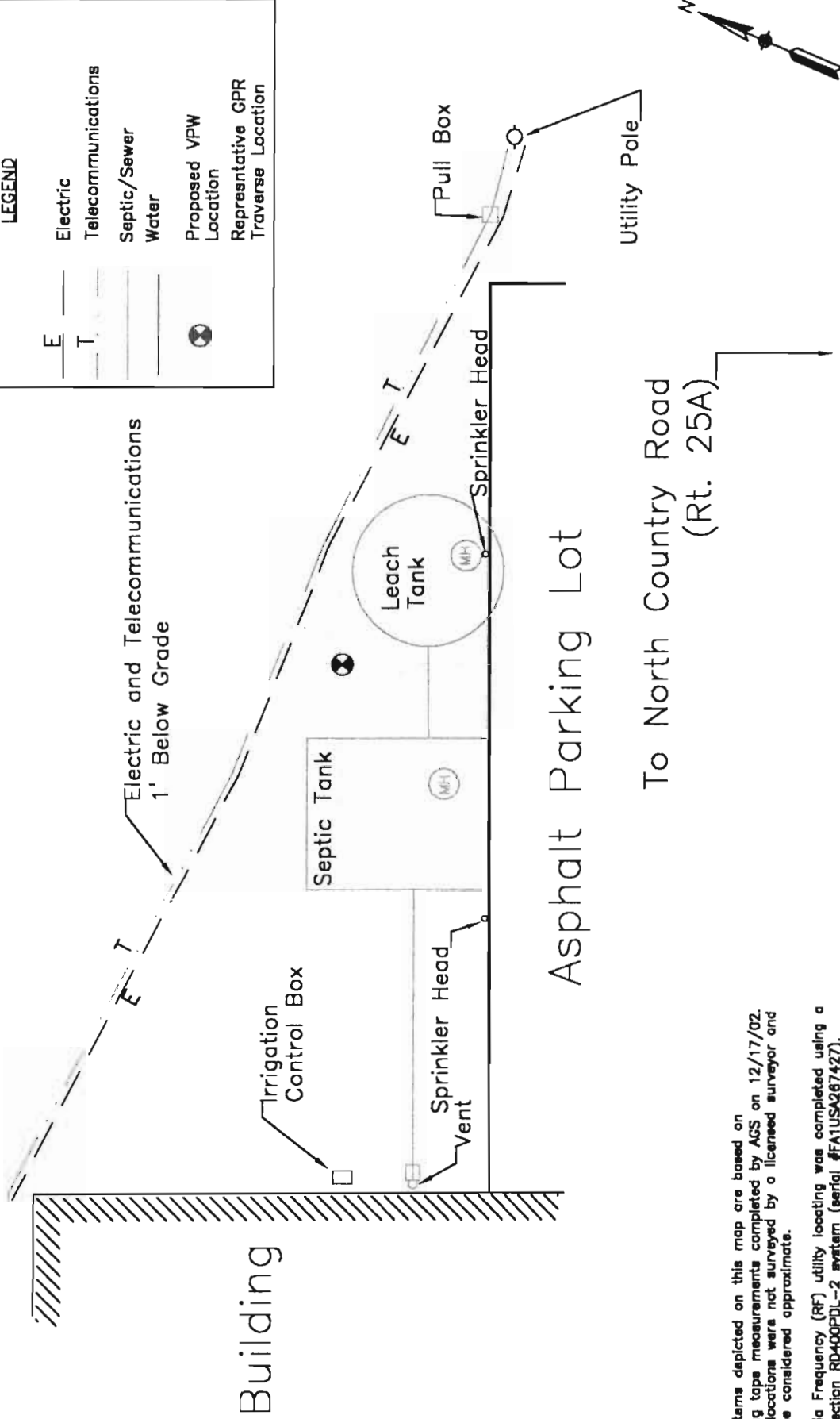
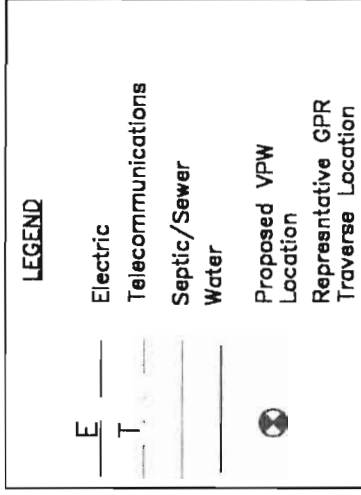
VPW-09
Representative GPR Record B
Record Location Shown on
Site Sketch Map

Note: 1) GPR image was collected using a GSSI SIR-2 system and a 400 MHz antenna.
2) Geophysical Survey completed on 12/17/02 by Advanced Geological Services.

VPW-09
The Cleaners
437 North Country Road (25A)
St. James, NY

CDM Federal Programs Corp.
Smithtown Groundwater Contamination Site
CDM Job #: 3220-0120006-GP

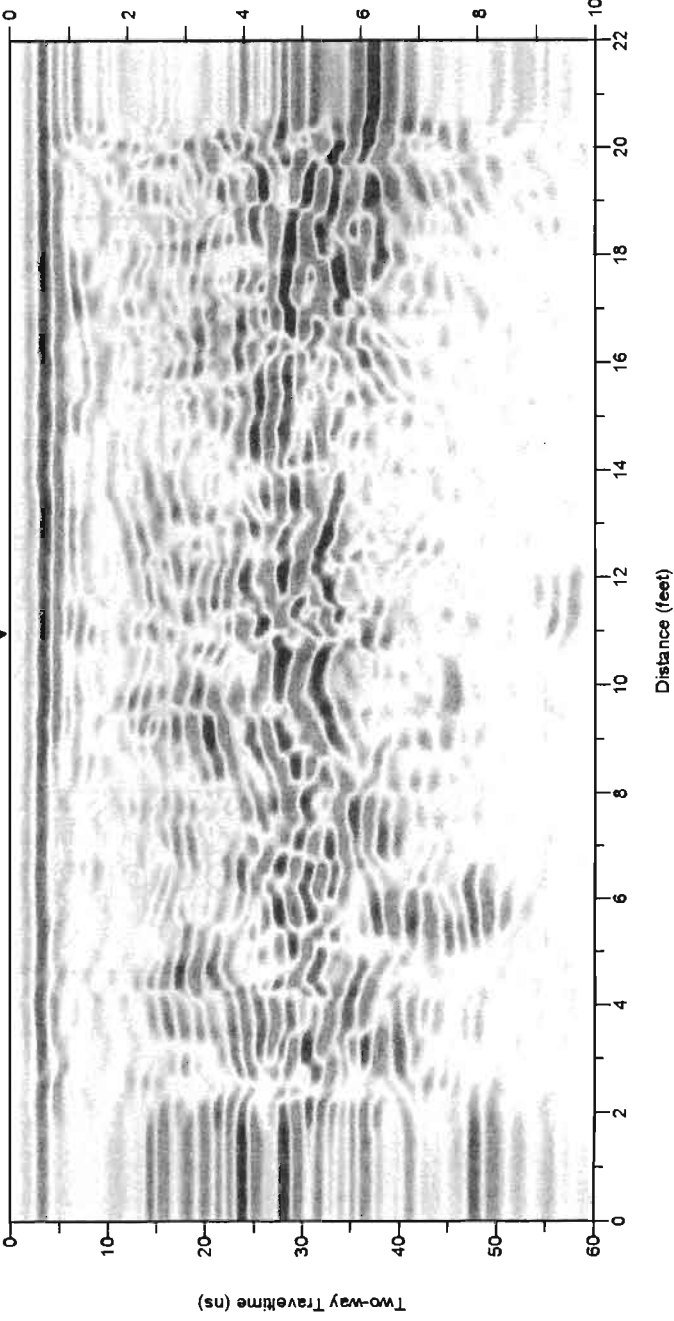
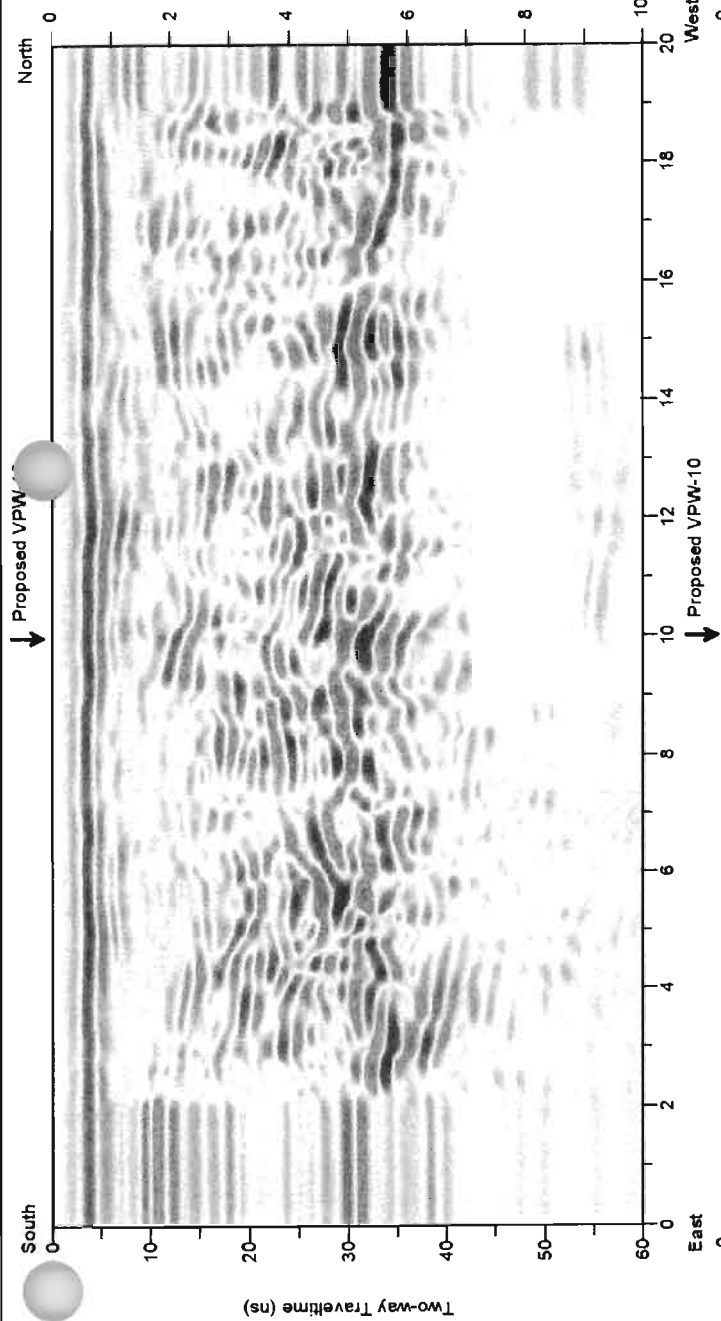




Notes:

- 1) All items depicted on this map are based on measuring tape measurements completed by AGS on 12/17/02. Feature locations were not surveyed by a licensed surveyor and should be considered approximate.
- 2) Radio Frequency (RF) utility locating was completed using a Radiodetection RD400PDL-2 system (serial #FA1USA267427).
- 3) Ground penetrating radar (GPR) data were collected using a GSSI SIR-2 system (serial #1272) with 400 MHz antenna.
- 4) Potential underground utilities identified during the geophysical investigation are shown on this map. The location of the irrigation pipes could not be identified.

Site: VPW-10 St. James Exxon Center 525 North Country Road (25A) St. James, MO	Client: CDM Federal Programs Corp. 125 Maiden Lane, 5th Floor New York, New York 10038	CDM Job #: 3220-0120006-GP AGS Job #: 02-238-1 Date: 12/31/2002	 ADVANCED GEOLOGICAL SERVICES

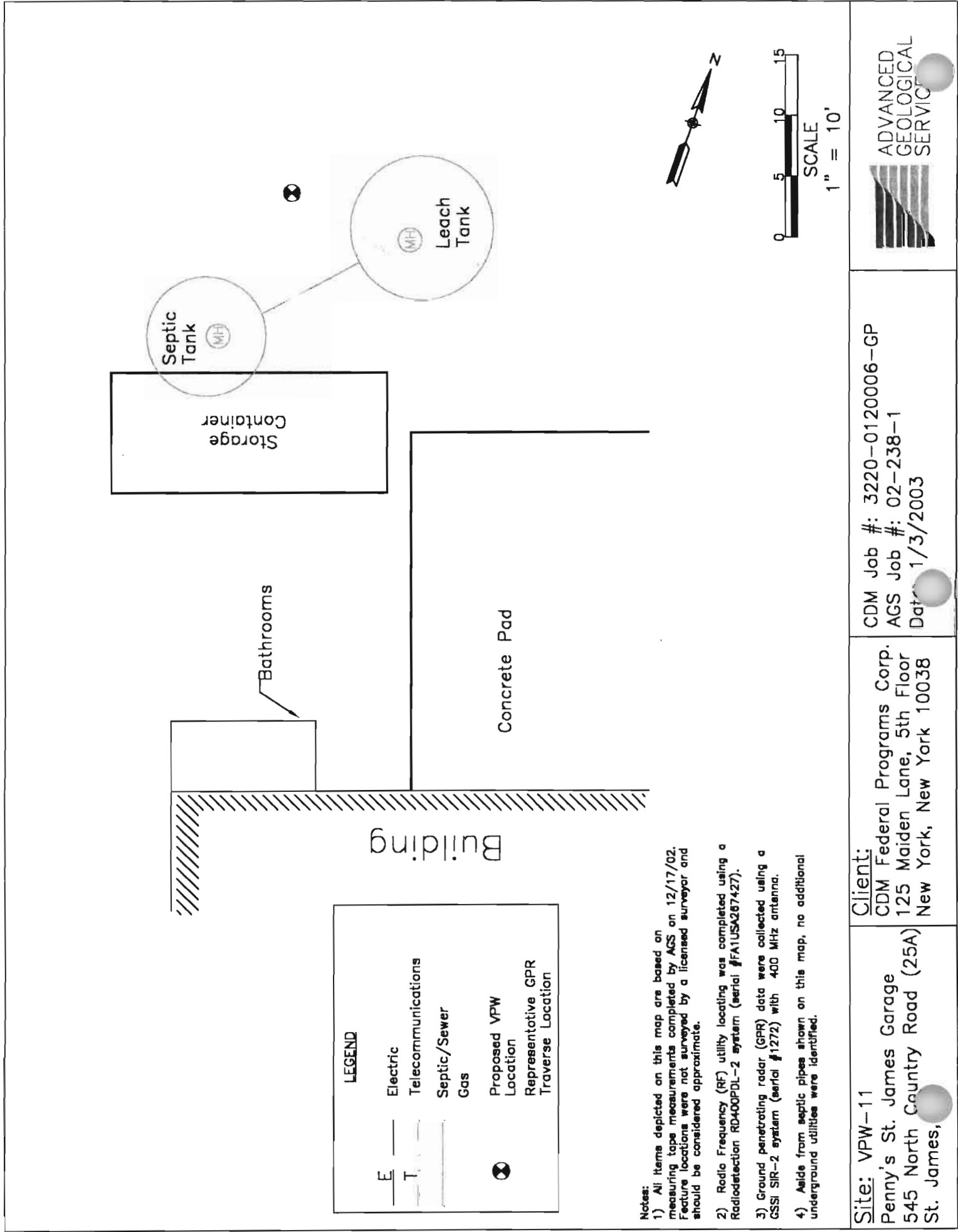


Note: 1) GPR image was collected using a GSSI SIR-2 system and a 400 MHz antenna.
2) Geophysical Survey completed on 12/17/02 by Advanced Geological Services.

VPW-10
St. James Exxon Center
525 North Country Road (25A)
St. James, NY

CDM Federal Programs Corp.
Smithtown Groundwater Contamination Site
CDM Job #: 3220-0120006-GP



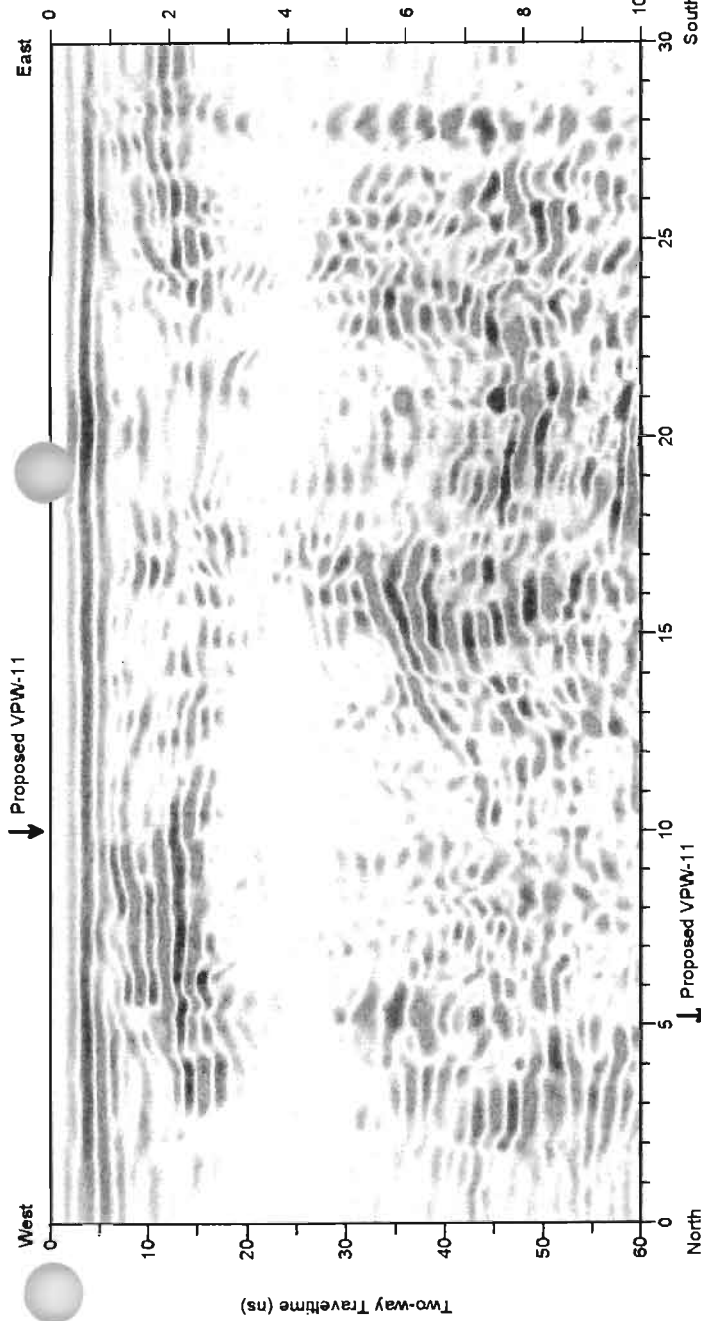


Site: VPW-11
Penny's St. James Garage
545 North Country Road (25A)
St. James,

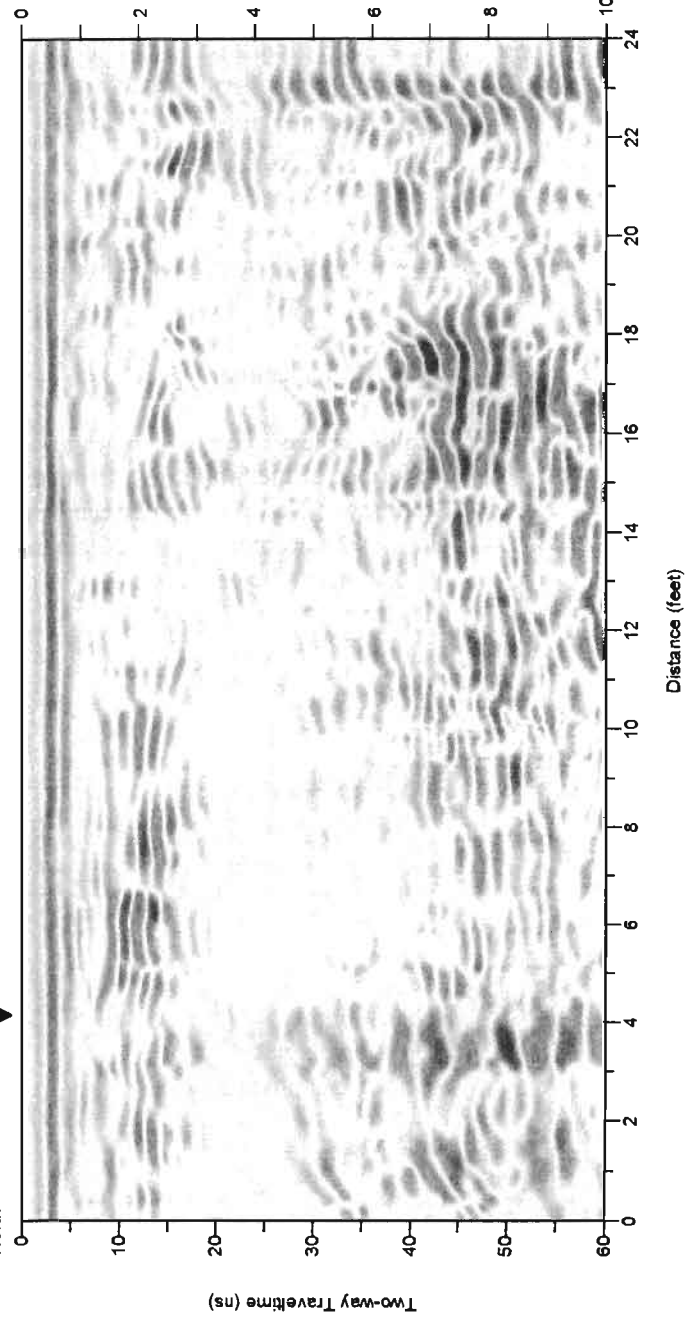
Client:
CDM Federal Programs Corp.
125 Maiden Lane, 5th Floor
New York, New York 10038

CDM Job #: 3220-0120006-GP
AGS Job #: 02-238-1
Date: 1/3/2003





VPW-11
Representative GPR Record A
Record Location Shown on
Site Sketch Map



VPW-11
Representative GPR Record B
Record Location Shown on
Site Sketch Map

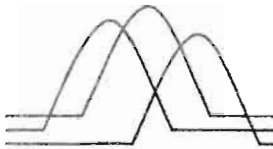
Note: 1) GPR image was collected using a GSSI SIR-2 system and a 400 MHz antenna.
2) Geophysical Survey completed on 12/17/02 by Advanced Geological Services.

02-281-1 07/15/03

VPW-11
Penny's St. James Garage
545 North Country Road (25A)
St. James, NY

CDM Federal Programs Corp.
Smithtown Groundwater Contamination Site
CDM Job #: 3220-0120006-GP





NAEVA GEOPHYSICS INC.

A SUBSIDIARY OF NORTH AMERICAN EXPLORATION OF VIRGINIA INC.

Subsurface Geophysical Surveys

GPR
MAGNETICS
ELECTROMAGNETICS
SEISMICS
RESISTIVITY
UTILITY LOCATION
BOREHOLE LOGGING
BOREHOLE CAMERA
STAFF SUPPORT

January 23, 2001

Michael Valentino
CDM Federal Programs Corporation
125 Maiden Lane, 5th Floor
New York, NY 10038

Re: Smithtown Groundwater Contamination Superfund Site

Dear Mr. Valentino,

Enclosed please find two copies of our report for the geophysical investigation performed at the Smithtown Groundwater Contamination Superfund Site, Smithtown, New York on December 12th and 18th, 2000. If you have any questions regarding the report, please let me know. Thank you for the opportunity to be of service.

Best Regards,

Robert Gimpel
Project Geologist
NAEVA Geophysics, Inc.

NEW YORK

P.O. Box 576
Tappan
New York 10983
(914) 268-1800
(914) 268-1802 Fax

VIRGINIA

P.O. Box 7325
Charlottesville
Virginia 22906
(804) 978-3187
(804) 973-9791 Fax

**Results of Subsurface Investigation
Smithtown Groundwater Contamination Superfund Site
U.S. Environmental Protection Agency Contract No. 68-W-98-210
Service Order No. 3220-012-003-GP
Smithtown, New York**

Introduction On December 12th and 18th, 2000, NAEVA Geophysics Inc. conducted subsurface investigations on and around the Smithtown Groundwater Contamination Site in Smithtown, New York. The purpose of the investigation was to delineate the surface traces of detectable underground utilities within 10 feet of 18 proposed exploratory boring sites (PEBSs) located within the Villages of Nissequogue and Head of the Harbor, and the Hamlet of St. James, Smithtown, northern Suffolk County, New York. All onsite tasks were performed in the presence of CDM Federal field representatives.

Methods The equipment selected for this investigation included: a Fisher TW-6 Pipe and Cable Locator; a Ditchwitch Subsite 75 Cable Locator, a 3M Dynatel 2250 Cable Locator, and a Sensors & Software Noggin 250 ground penetrating radar (GPR) system with a 250 MHz antenna.

The site was first investigated using the TW-6 metal-detector. The metal-detector was used in a reconnaissance investigation of the area for evidence of metallic objects and piping. The instrument was carried along bi-directional traverses spaced approximately 3 feet apart.

The area surrounding each PEBS was visually inspected for evidence of subsurface utilities or other buried features, and the approximate locations of the water and other utility service to each nearby house were identified. Whenever a gas, water, or other service line was in the vicinity of a PEBS, the Subsite 75 was used to mark out the lines. The instrument's transmitter was used to apply a signal to the line where it was exposed at the surface. This allowed an operator using the receiver to delineate lines by tracing the signals at the surface.

Metallic lines to which electric lines are grounded produce electromagnetic fields that may be detectable at the surface. In addition, buried metallic lines often pick up and radiate background vibrations and commercial radio signals. The area was searched for evidence of these passive signals using the Subsite.

The Dynatel Cable Locator was used to mark out the surface traces of electric conduits. A 200 kHz signal-inducing torroid clamp was placed around each of the conduits and the signal used to mark-out the electric lines.

The Dynatel was also used in the split-box mode to further examine the site. Two operators, one carrying the transmitter and one carrying the receiver, walked bi-directionally across the area at a fixed distance to one another, to detect increases in signal strength which would suggest possible subsurface utilities. Where signal increases were noted, they were further investigated in an attempt to discern a signal propagating utility.

GPR was used to investigate each of the PEBS. Surface conditions permitting, GPR data was collected along two perpendicular traverses, each no less than 20 feet long, centered over the PEBSs. When hyperbolic reflections were noted in the data profiles, addition profiles were collected to determine if the reflections were caused by linear features that could possibly represent subsurface utilities. The GPR data were digitally recorded and stored for later graphic reproduction. No GPR data was collected on December 12th, due to equipment errors. All GPR profiles were collected on the 18th, regardless of when other investigations to each location occurred.

All storm drains, catch basins, and sanitary sewer manways in the vicinity of the PEBSs were inspected to confirm that their routing did not interfere with any boring location.

The final locations of each PEBS were indicated by a white paint circle. Wherever possible, a flagged stake was also placed at each boring location.

If a buried utility was found within 3 feet of a PEBS, the PEBS was moved to a more suitable location and necessary utility location procedures repeated.

Results

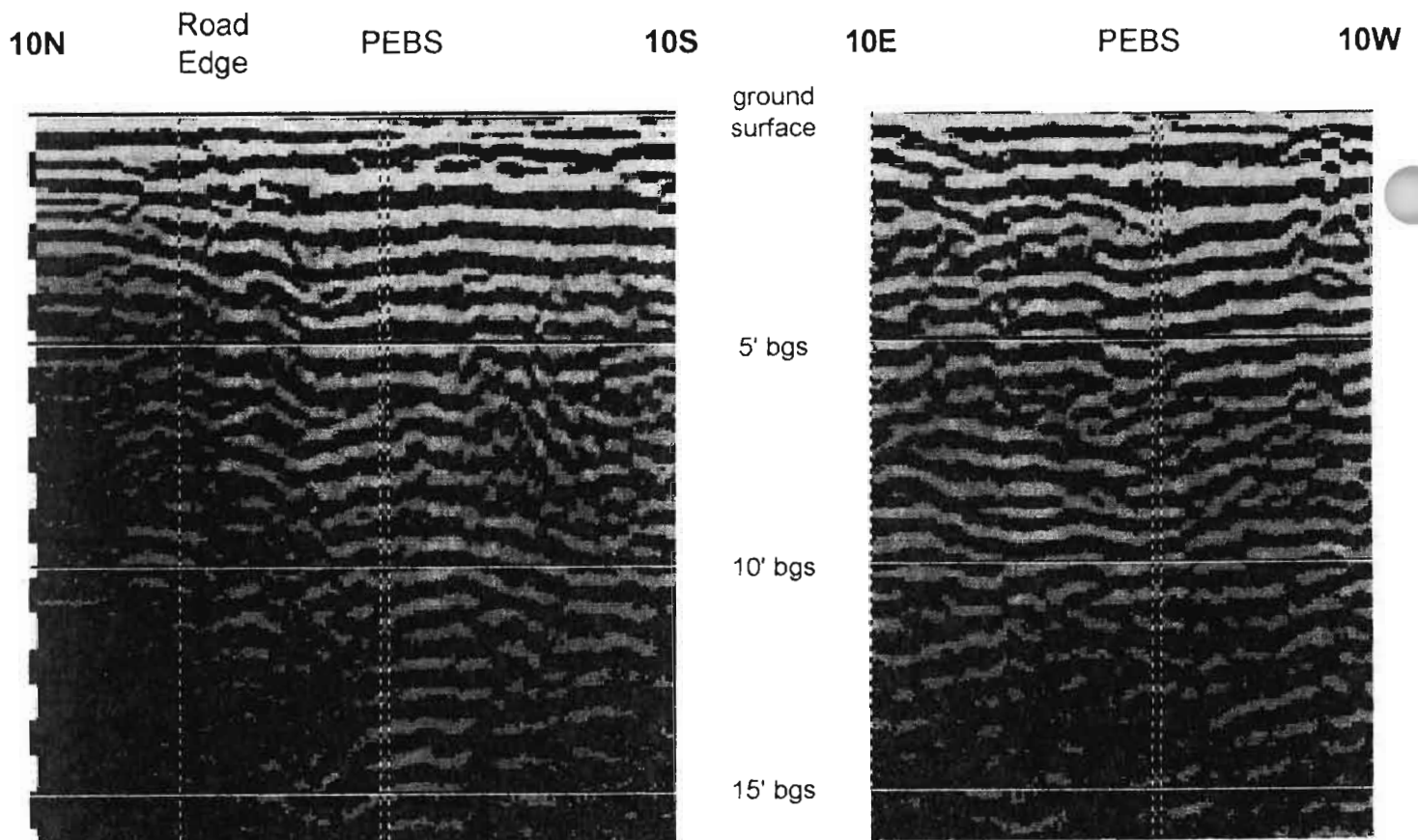
A total of 18 PEBS were checked for subsurface interferences during this investigation. GPR depth of penetration throughout the area of investigation was estimated to be 12 feet or more. While the water, natural gas, and occasional electric lines were visible in the GPR data profiles, in no instance were sewer lines to individual buildings detected.

The final location of each PEBS, and all detected subsurface utilities in its vicinity, were measured from permanent above ground features and recorded on maps. Copies of these site plans, with associated GPR data profiles attached, are included in this report (see Appendix).

NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

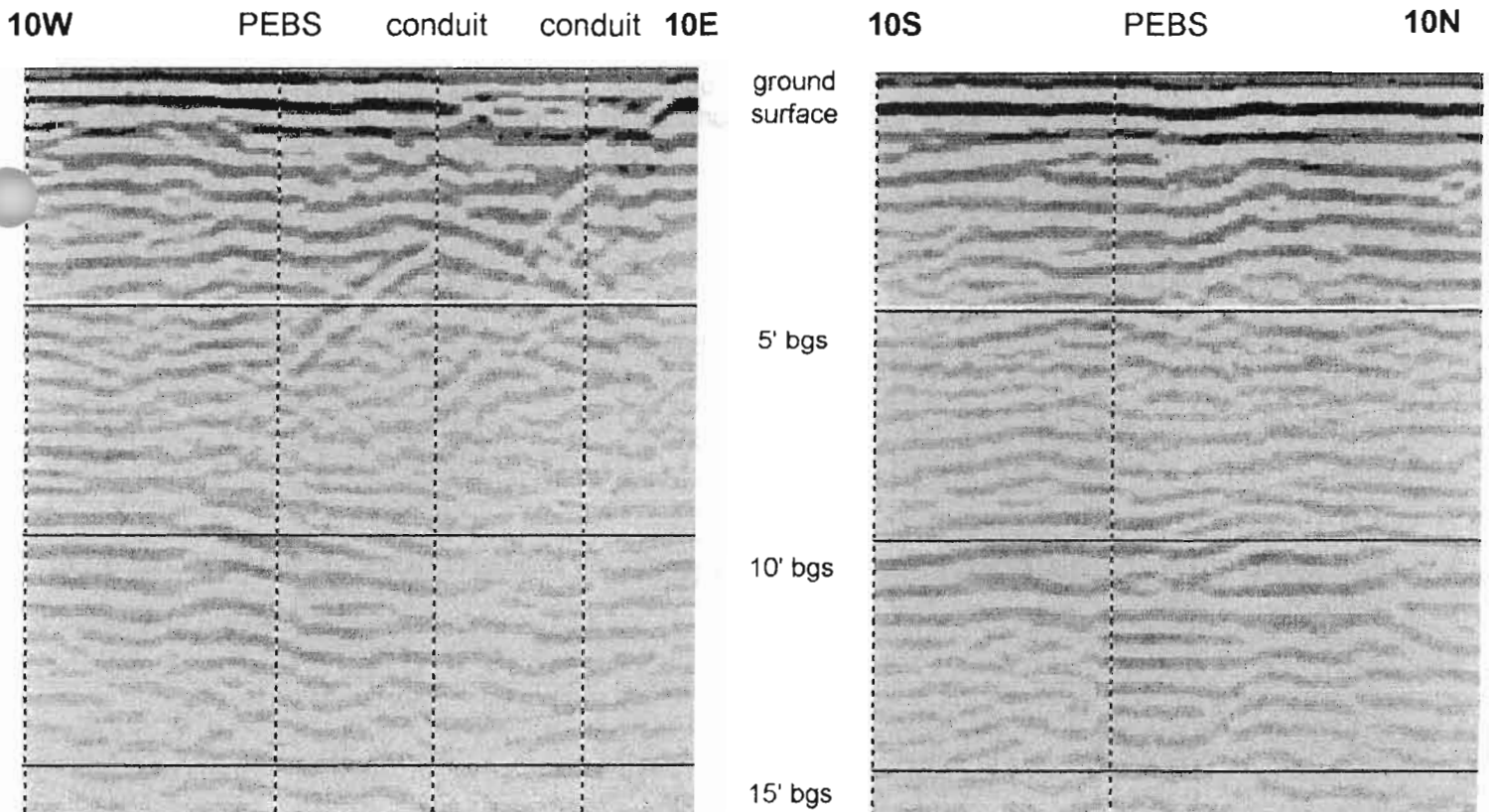
**GPR Profiles:
Location PZ-A**



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

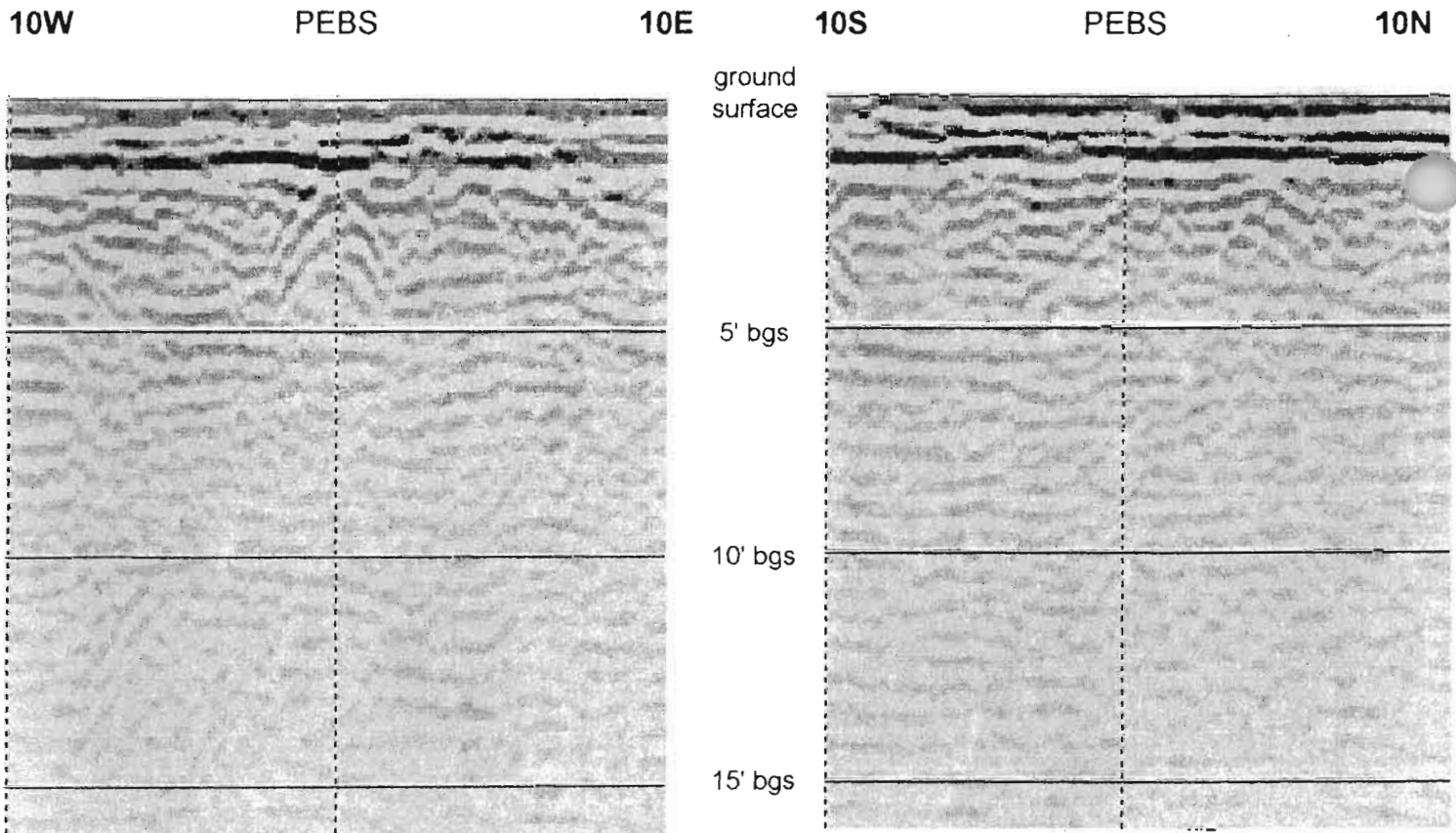
**GPR Profiles: Location
PZ-B1**



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location PZ-B2**

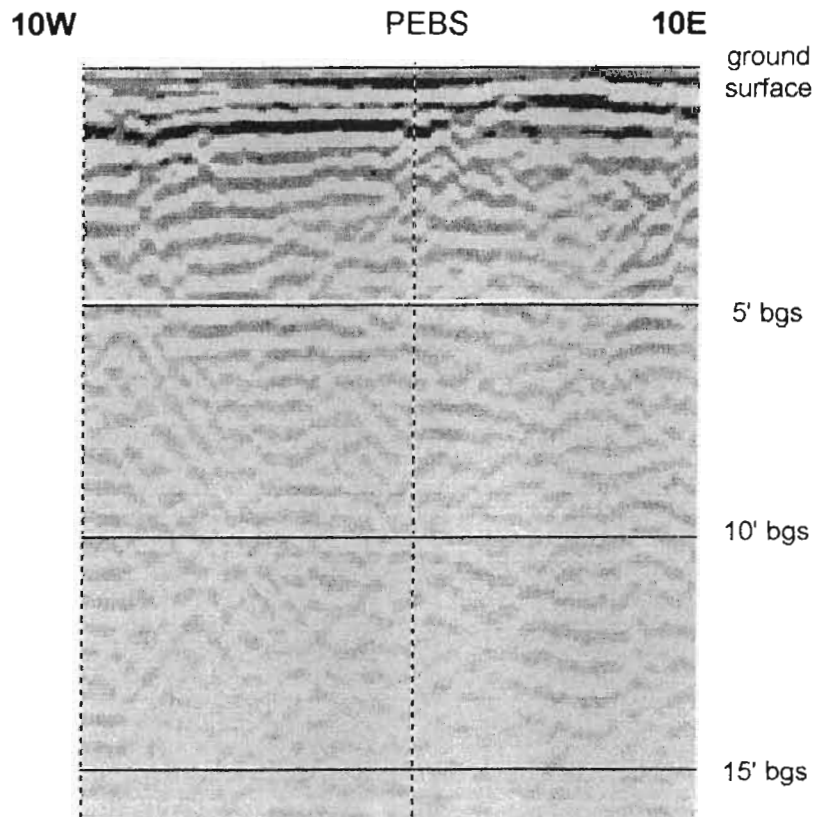


NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location PZ-B2
cont.**

2' north of original W-E line



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location PZ-C,E**

1' N of original
E-W Line

10E

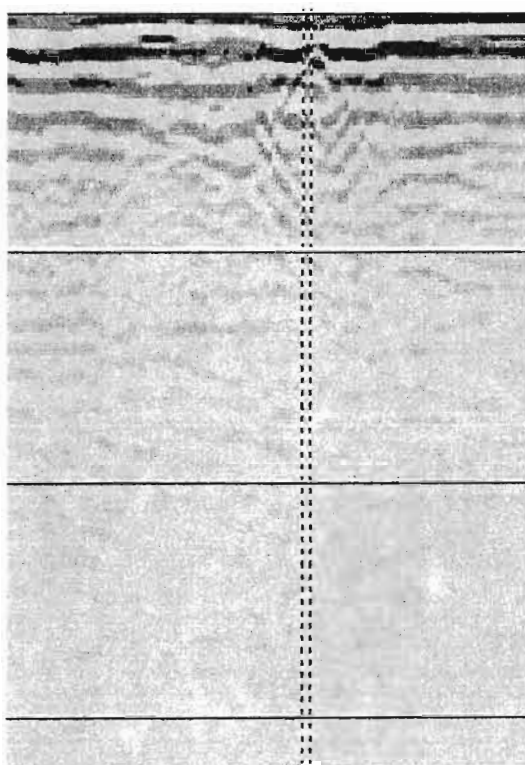
PEBS

10W

10E

PEBS

10W

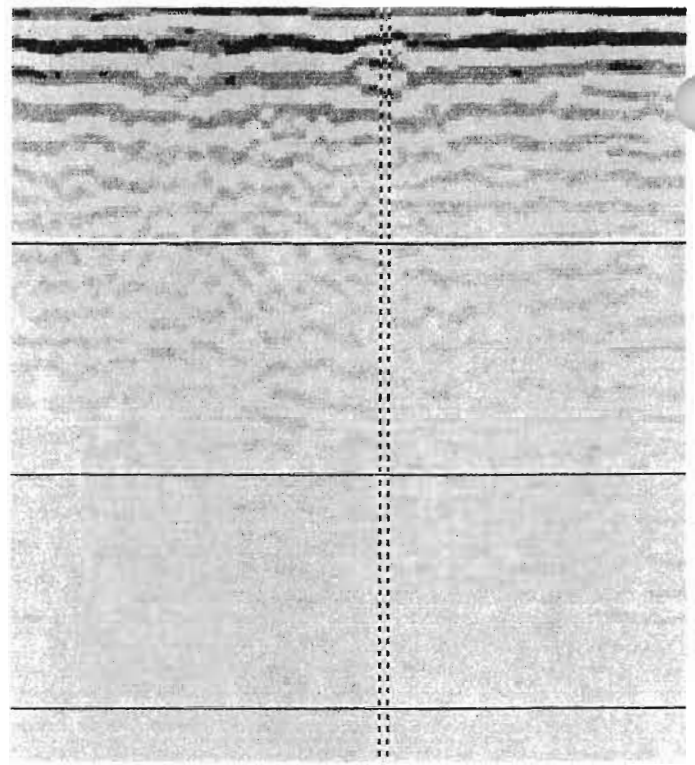


ground
surface

5' bgs

10' bgs

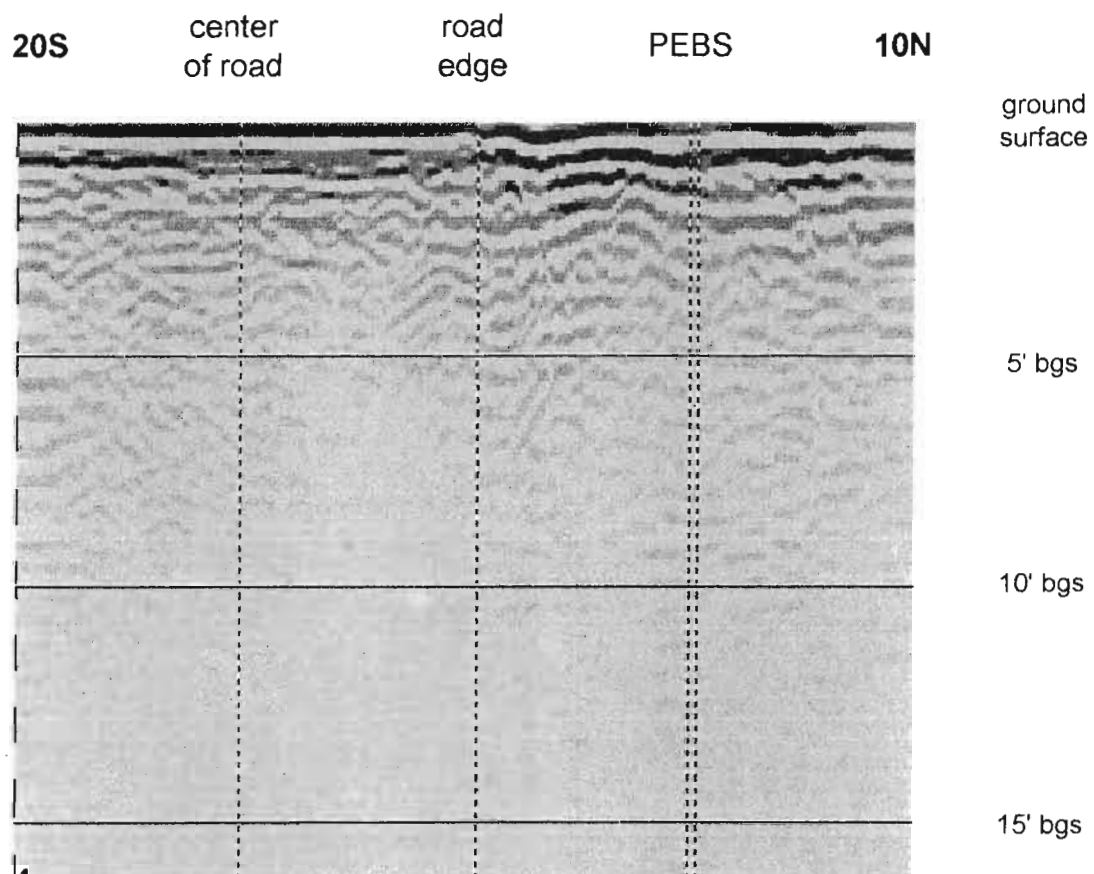
15' bgs



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

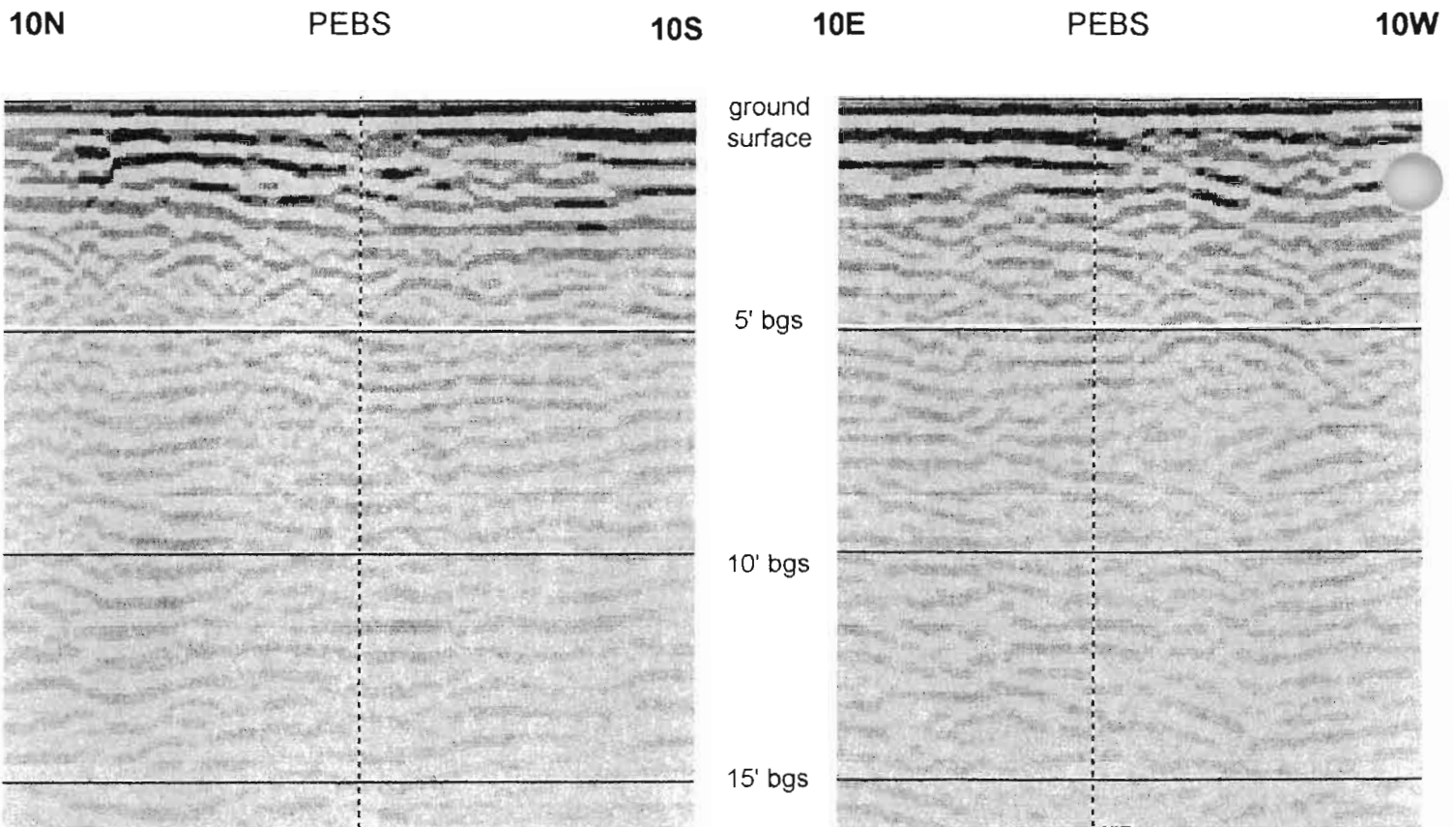
**GPR Profiles:
Location PZ-C,E
cont.**



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

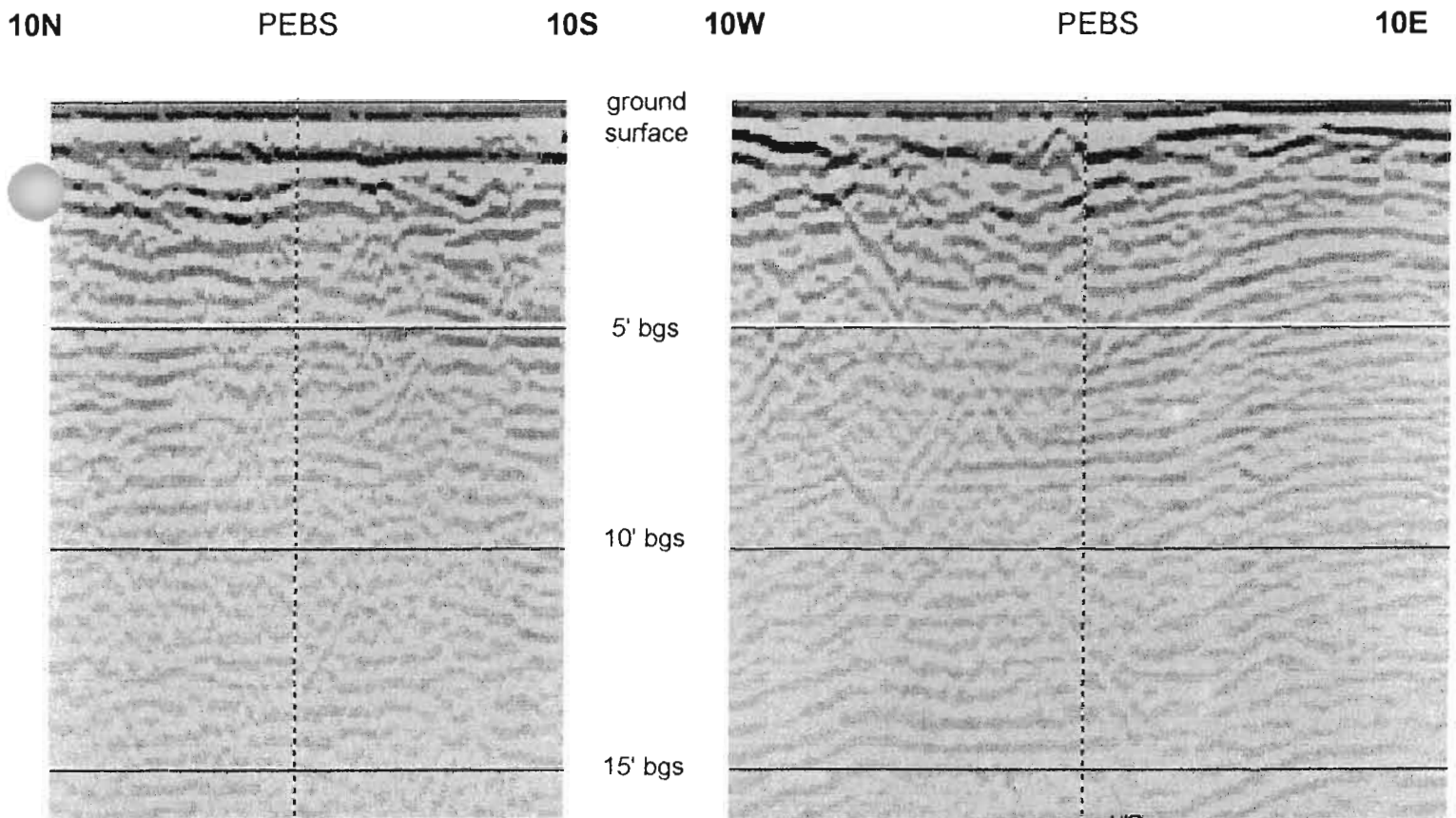
**GPR Profiles:
Location PZ-D**



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location PZ-F**



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location VPW-12**

4NE

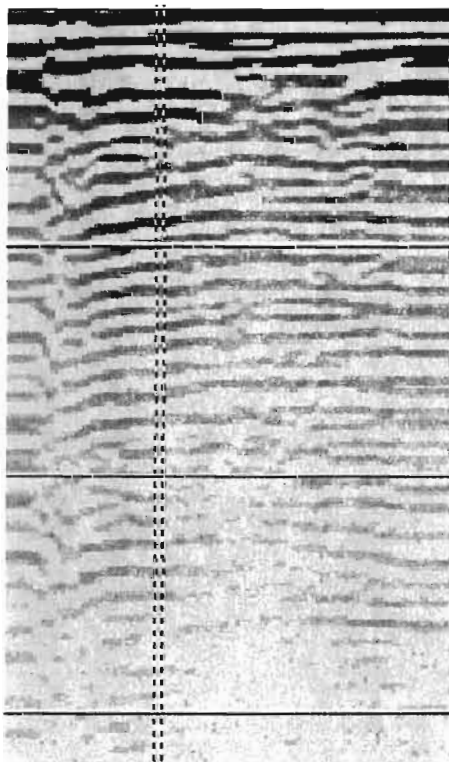
PEBS

10SW

10NW

PEBS

10SE

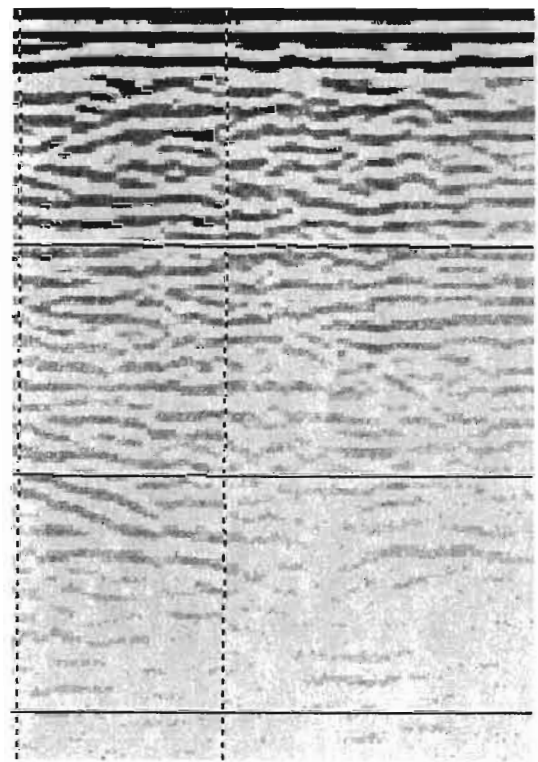


ground
surface

5' bgs

10' bgs

15' bgs



NAEVA Geophysics, Inc. Project No. C0012121G

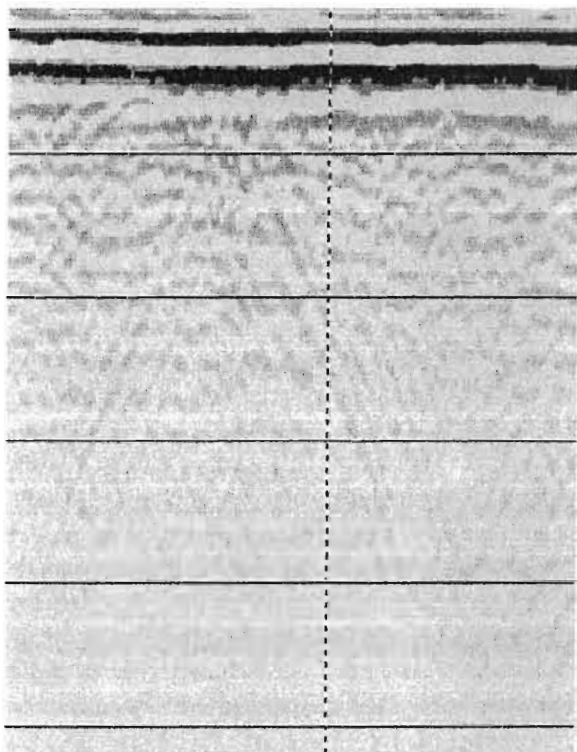
CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location VPW-13**

10W

PEBS

10E



ground
surface

2' bgs

4' bgs

6' bgs

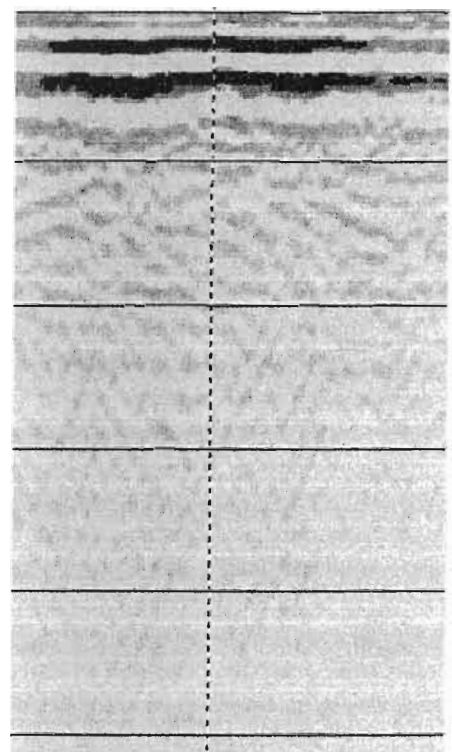
8' bgs

10' bgs

10S

PEBS

8N



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

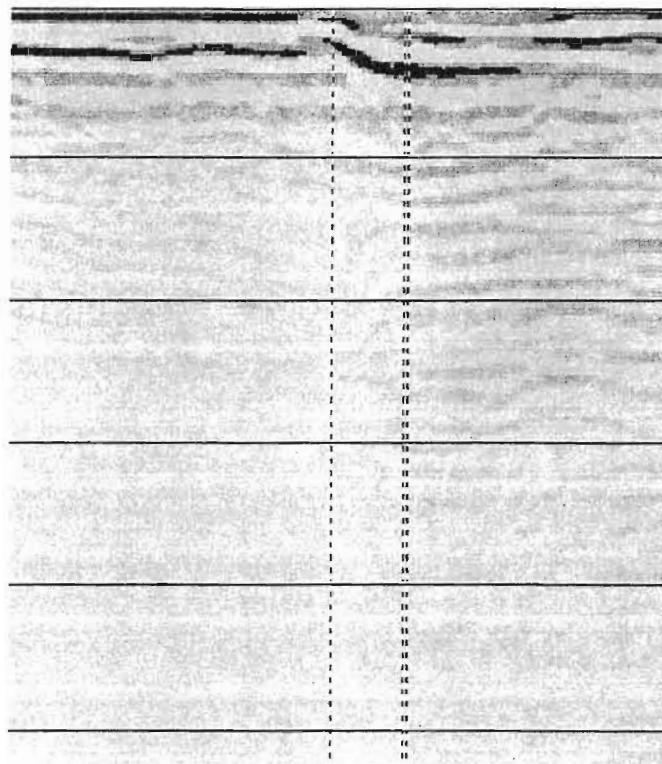
**GPR Profiles:
Location VPW-14**

10SE

PEBS

10NW

curb



ground
surface

2' bgs

4' bgs

6' bgs

8' bgs

10' bgs

NAEVA Geophysics, Inc. Project No. C0012121G

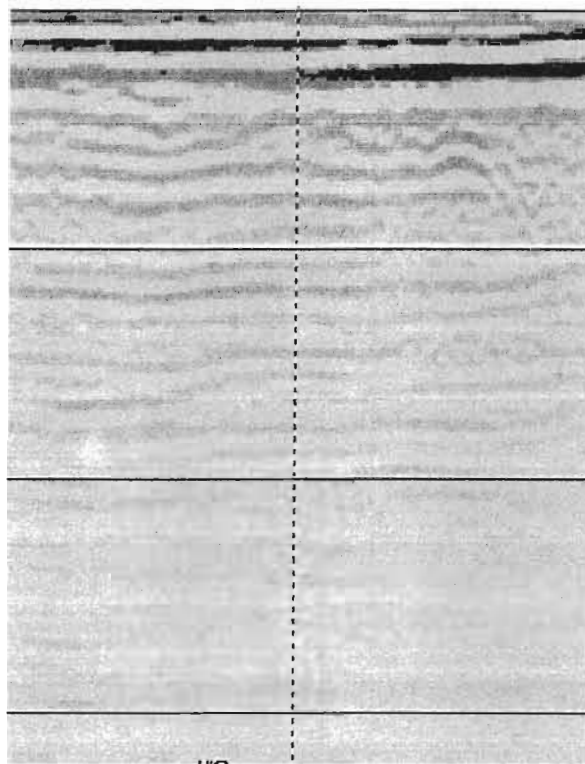
CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location VPW-14
cont.**

10SW

PEBS

10NE



ground
surface

5' bgs

10' bgs

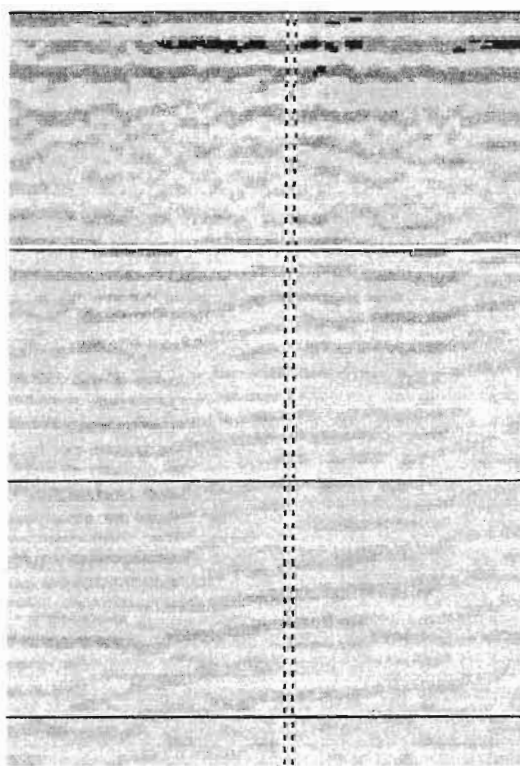
15' bgs

NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location VPW-15**

10N PEBS 10S 10W PEBS 10E

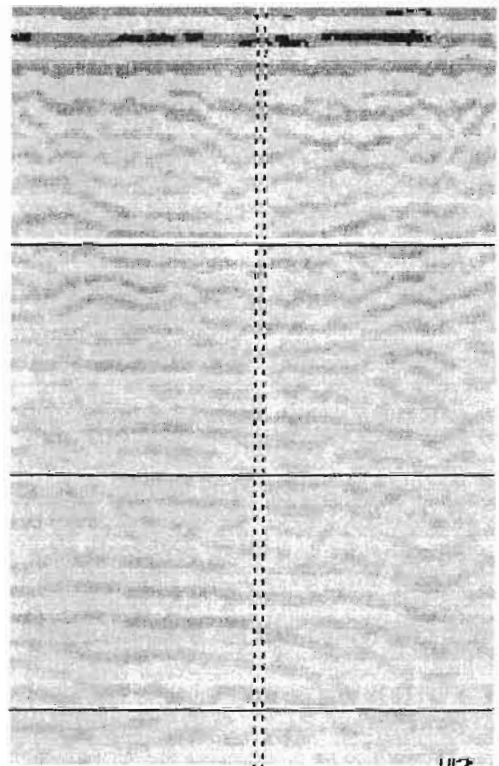


ground
surface

5' bgs

10' bgs

15' bgs

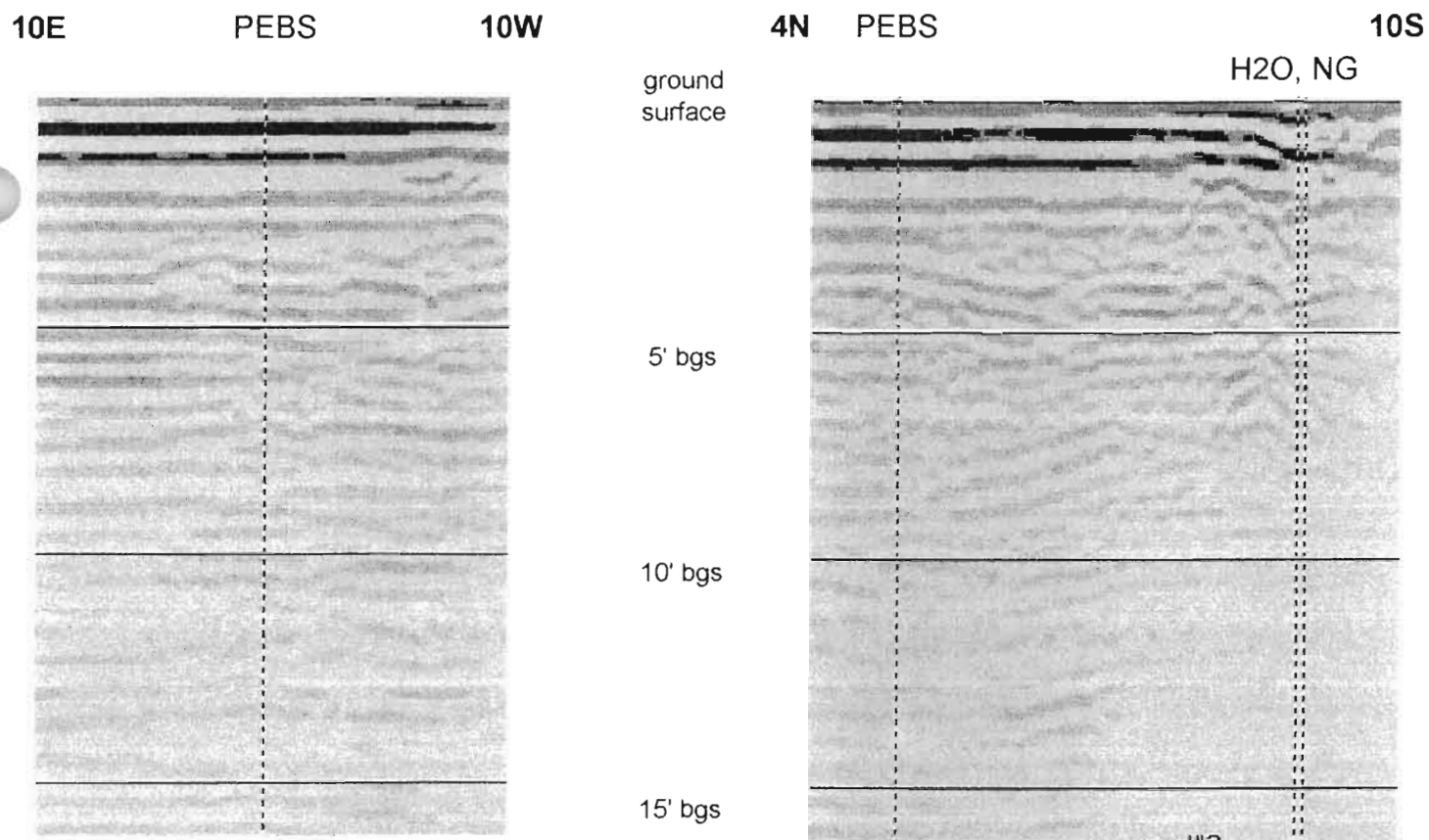


11-2

NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

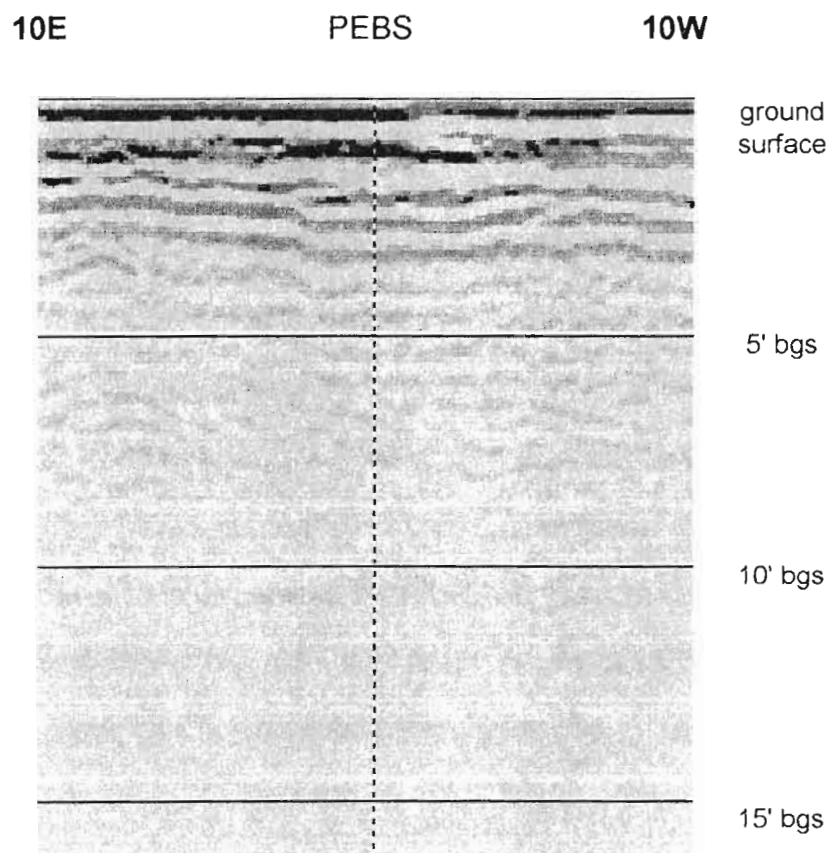
**GPR Profiles:
Location VPW-17**



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location VPW-18**



NAEVA Geophysics, Inc. Project No. C0012121G

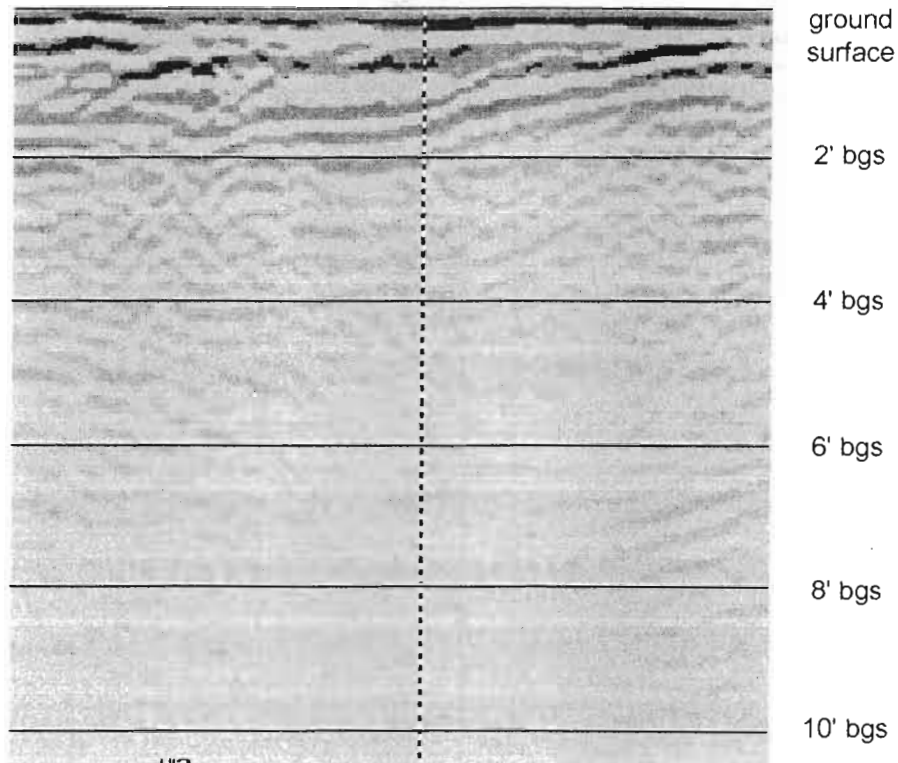
CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location VPW-18
cont.**

10N

PEBS

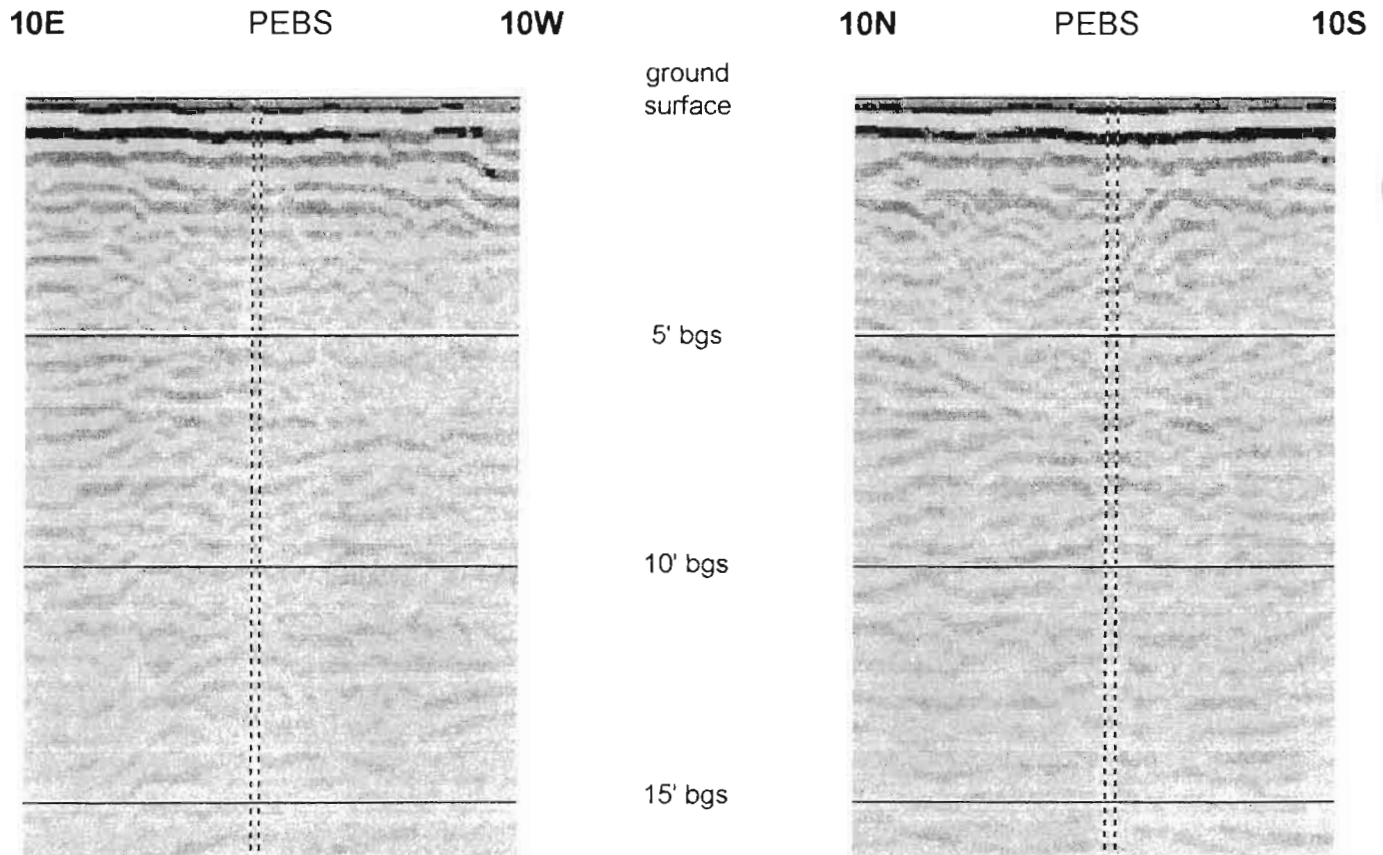
10S



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location VPW-19**



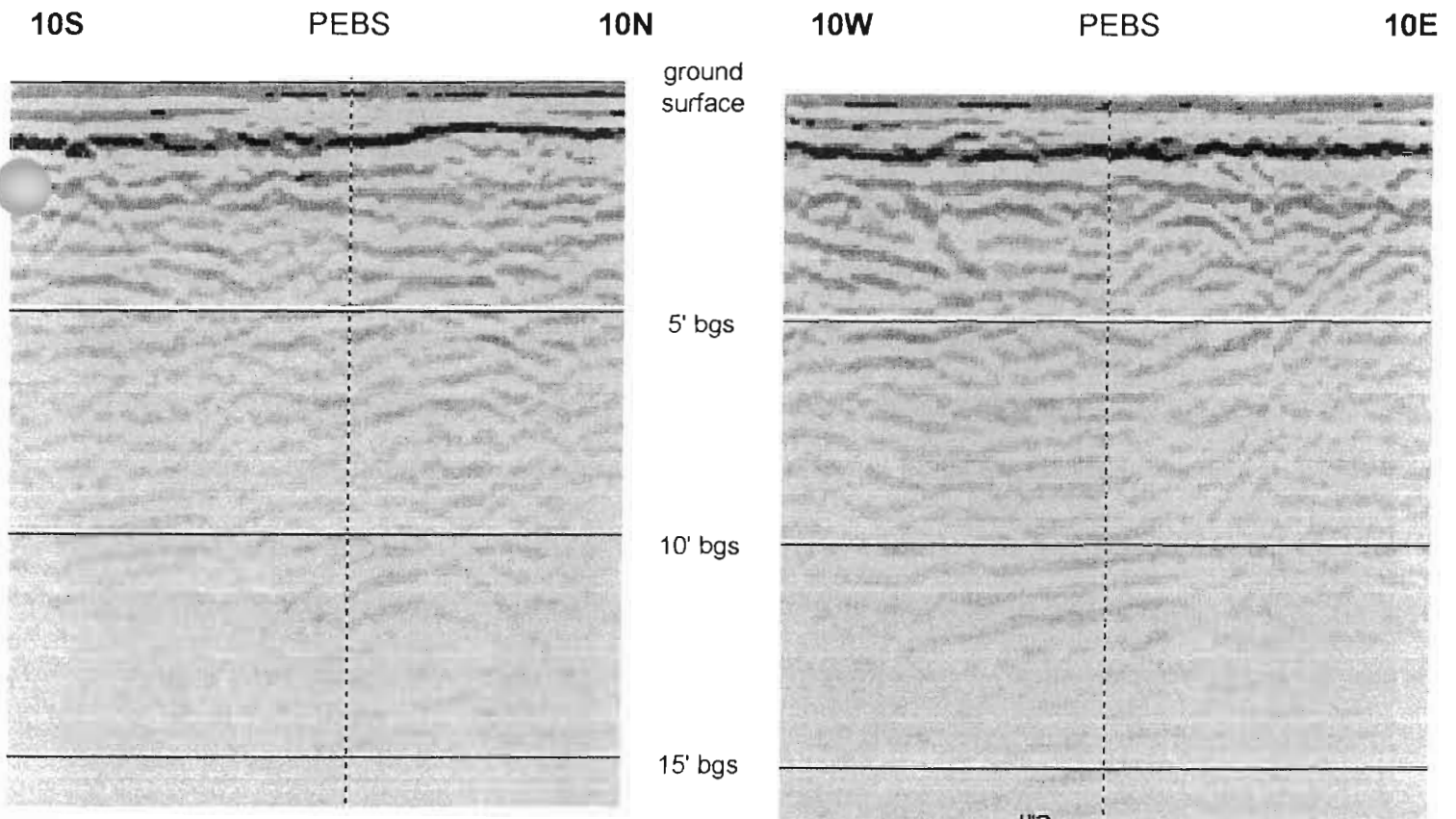
NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP

Smithtown Groundwater Contamination Site

Smithtown, New York

**GPR Profiles:
Location VPW-20**



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location VPW-21**

2' north of original W-E line

10W

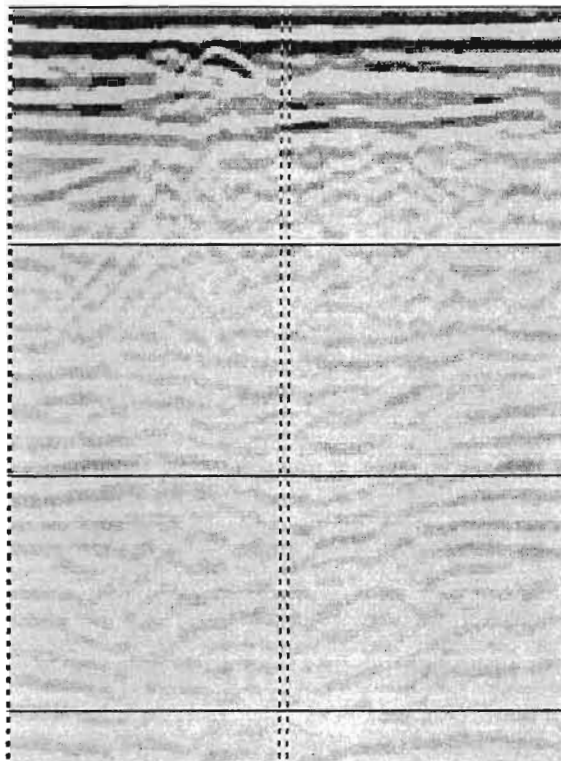
PEBS

10E

10E

PEBS

10W

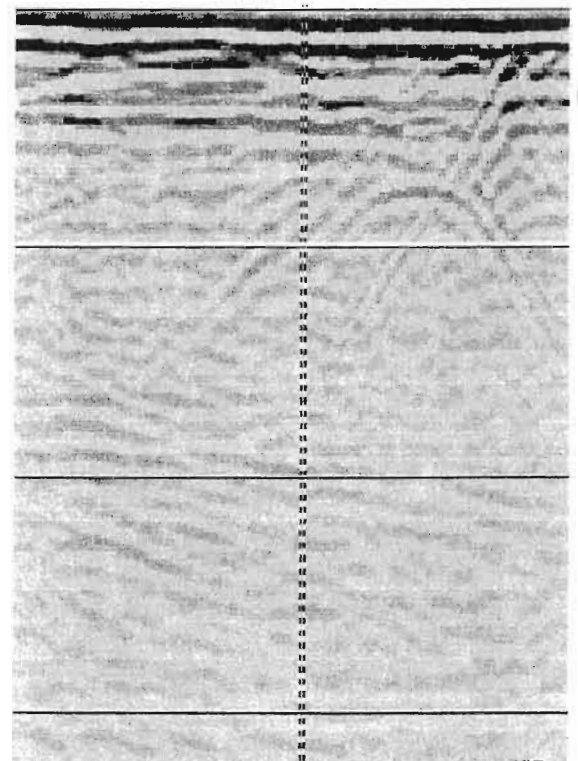


ground
surface

5' bgs

10' bgs

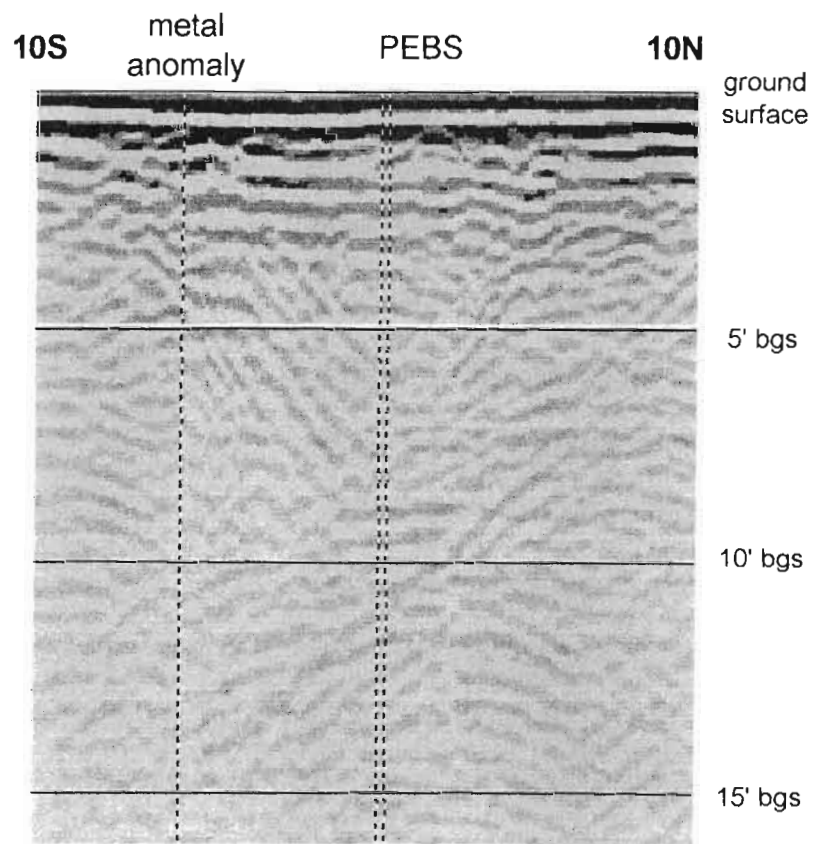
15' bgs



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location VPW-21
cont.**



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location VPW-22**

10SW

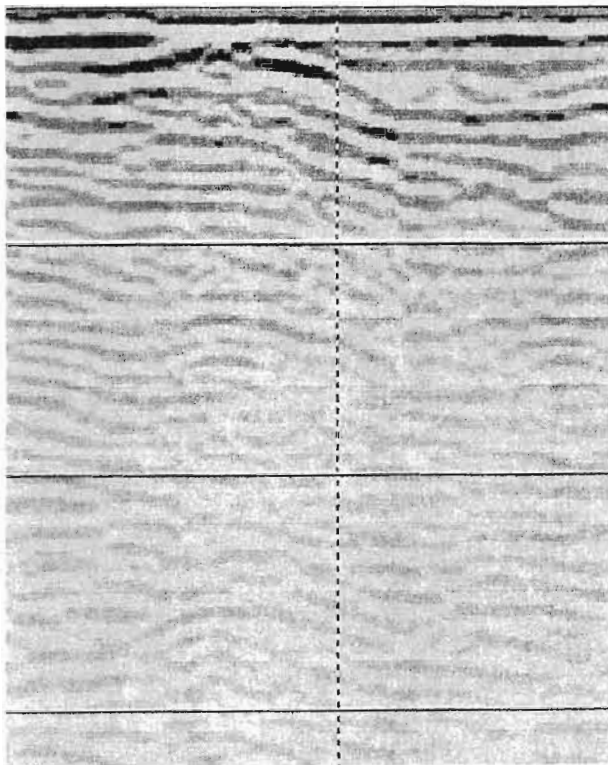
PEBS

10NE

10SE

PEBS

10NW

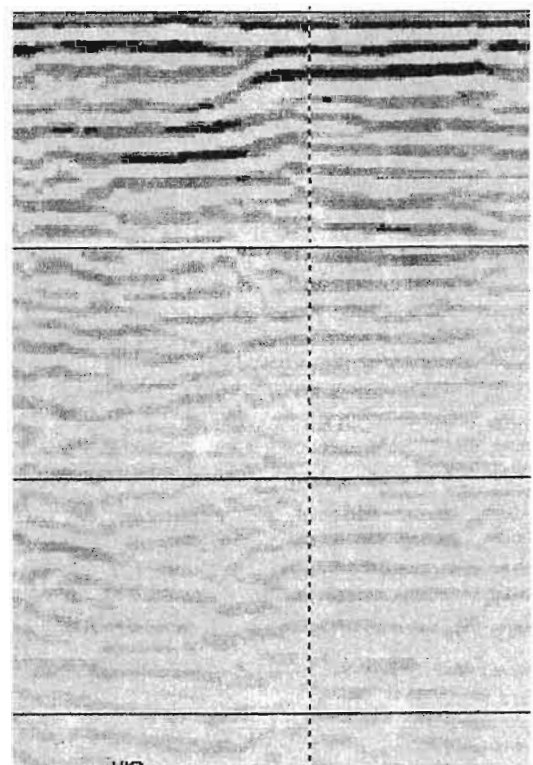


ground
surface

5' bgs

10' bgs

15' bgs



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location VPW-24**

10SE

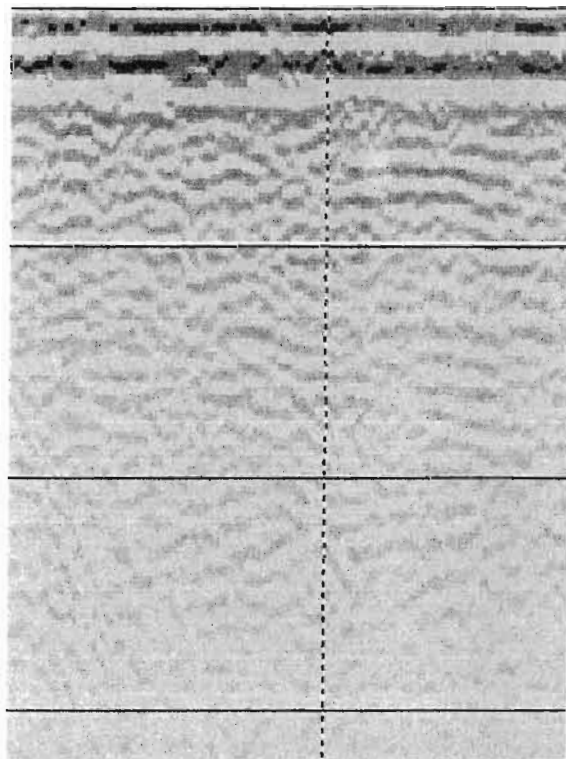
PEBS

10NW

10SW

PEBS

10NE

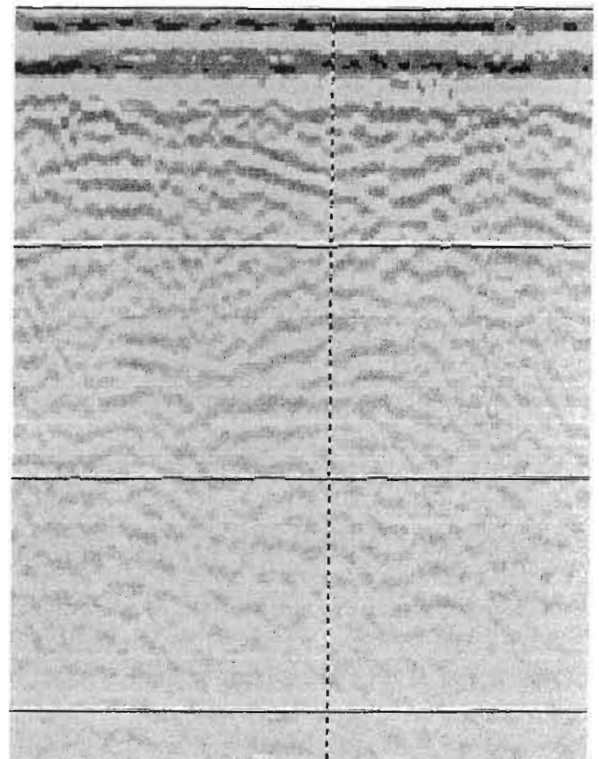


ground
surface

5' bgs

10' bgs

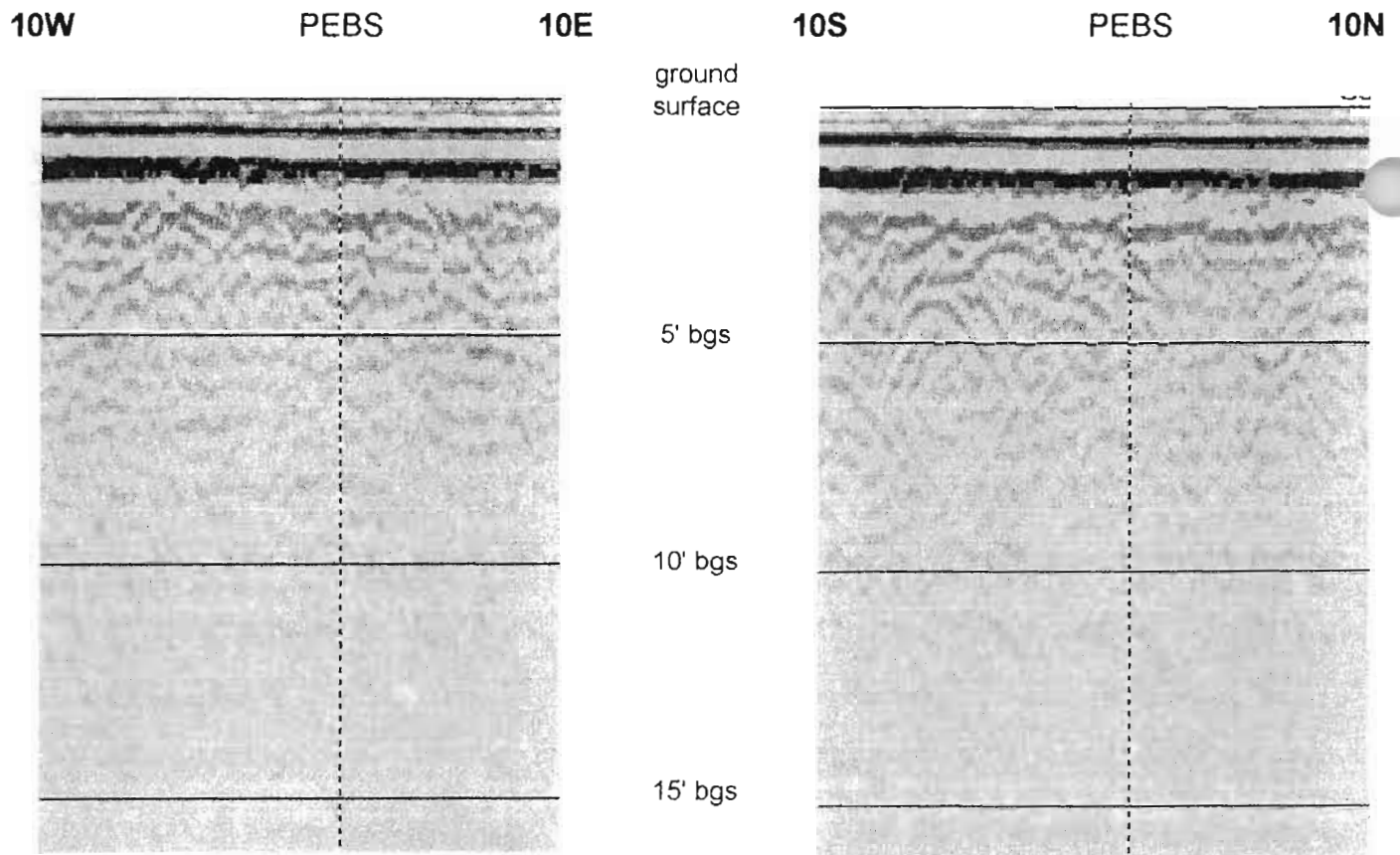
15' bgs



NAEVA Geophysics, Inc. Project No. C0012121G

CDM Federal Programs Corporation Project No. 3220-012-003-GP
Smithtown Groundwater Contamination Site
Smithtown, New York

**GPR Profiles:
Location VPW-25**



"*Rite in the Rain*"
ALL-WEATHER WRITING PAPER



LEVEL

All-Weather Notebook
No. 311

SMITHTOWN. GROUNDWATER CONTAMINATION
SITE - CDM FEDERAL
NAEVA PROJECT # C0012121G

4 5/8" x 7" - 48 Numbered Pages

William Pyburn's and Frederick S. Johnson's (1981) are examples of research studies focused on nonbonding human relationships. L. Darling's *Connections* (1985) focuses on the nonbonding human relationship.

PAGE	REFERENCE	DATE

[illegible]

12/12/00 TUESDAY

NAEVA CREW: ROBERT SIMPES, CLAY McVULLEN

WEATHER: CLEAR, VERY WINDY, ~ 45°

9:30 - ARRIVE ON SITE, MEET WITH

MIKE VALENTINO, JOE DI FRANCO OF CDM

MOVE TO FIRST LOCATION AT 12:00. 24 GPR

10:20 - 10:20 MOVE TO LOCATION VPW-25

COMPUTER MALFUNCTIONING - GPR PROFILES

TO BE COLLECTED 12/18/00

10:20 - 11:15 VPW-20

11:15 - 11:50 VPW-22

11:50 - 12:55 P-O 1 & 2 (2 = off)

12:55 - 13:20 BREAK FOR LUNCH

13:20 - 13:50 LOCATION VPW-12

13:50 - 14:25 LOCATION VPW-13

14:25 - 15:15 LOCATION VPW-14

15:15 - 16:00 LOCATION P-D

16:00 - 16:30 LOCATION VPW-18

16:30 - FINISH, LEAVE SITE FOR DAY

R/S/CLAY CDM

12/13/00 MONDAY

NAEVA CREW: ROBERT SIMPES, CLAY McVULLEN

WEATHER: CLEAR, WINDY, COUL ~ 35°

9:15 ARRIVE ON SITE, MEET WITH MIKE VALENTINO

OF CDM FEDERAL. MOVE TO FIRST

LOCATION

9:15 - 9:10:00 FPW-17

10:00 - 10:30 VPW-15

10:30 - 11:00 VPW-19

11:00 - 11:30 P-A

11:30 - 12:00 ~~P-C/E~~ P-C/E R/S/CLAY

12:00 - 12:30 VPW-21

12:30 - 12:45 BREAK FOR LUNCH

12:45 - 12:55 RETURN TO VPW-12 FOR GPR

12:55 - 13:10 VPW-13 - GPR

13:10 - 13:15 GPR, VPW-14

13:15 - 13:20 GPR P-D

13:20 - 13:30 GPR, VPW-18

13:30 - 13:40 GPR, VPW-22

13:40 - 13:50 GPR P-B1, P-B2

P-B2 MOVED 3' N. 1" E

13:50 - 14:00 GPR - VPW-20

14:00 - 14:05 GPR - VPW-25

14:05 - GPR - VPW-24

12/18/00 - CONTINUED

14:10 - MISS P-F COMPLETED

15:00 LEAVE SITE

RAY CRM



NAEVA GEOPHYSICS INC.
 A DIVISION OF NORTH AMERICAN EXPLOREX, INC.
 Subsurface Geophysical Surveys
 P.O. BOX 676, LAFAYETTE, NY 13853
 (514) 268-1800 (514) 268-1808 FAX

LEGEND

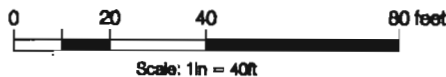
- ⊗ PEBS
- - W - - Water Line
- - SD - - Storm Drain

CLIENT: CDM FEDERAL

NAEVA PROJECT NUMBER: C0012121G
 PORTION OF AREA OF GEOPHYSICAL INVESTIGATION
 SMITH-TOWN, NEW YORK
 FIELD PERSONEL: ROB GIMPEL & CLAY McMULLEN
 EQUIPMENT UTILIZED: 3m DYNATEL 2250 CABLE LOCATOR,
 FISHER TW-8 PIPE AND CABLE LOCATOR, DITCHWITCH
 SUBSITE 75 R/T, AND SENSORS & SOFTWARE NOGGIN 250 GPR

PZ - C/E

DATE OF SURVEY: DECEMBER 18, 2000
 WEATHER: CLEAR, WINDY, 35°F
 GPR PROFILES: 20S-10N, 10E-10W,
 1 FOOT N OF PEBS 10E-10W
 UNDERGROUND FEATURES/UTILITIES WERE
 IDENTIFIED AND ARE SHOWN ON THIS MAP

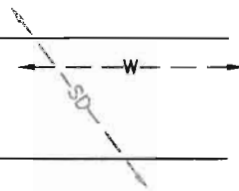


Trees/Brush

Moriches Road

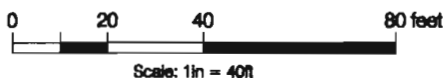
Trees/Brush

Branglebrink Road



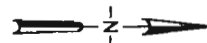
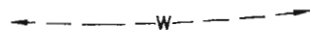
PZ - D

DATE OF SURVEY: DECEMBER 12, 2000
 WEATHER: CLEAR, VERY WINDY, 46°F
 GPR PROFILES: 10N-10S, 10E-10W
 UNDERGROUND FEATURES/UTILITIES WERE
 IDENTIFIED AND ARE SHOWN ON THIS MAP



Driveway

Old Mill Road

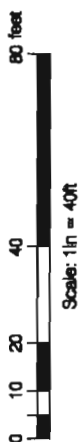




NAEVA GEOPHYSICS INC.
A DIVISION OF NAEVA SURVEYING CORPORATION OF VERMONT, INC.
Subsurface Geophysical Surveys
P.O. BOX 874, SUDBURY, VT 05824
(814) 888-1888 (814) 888-1888 FAX

LEGEND

⊗ PEBS
--W-- Water Line
--E-- Electric Line
Communications Line

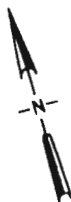


VPW - 19

DATE OF SURVEY: DECEMBER 18, 2000
WEATHER: CLEAR, WINDY, 35°F
GPR PROFILES: 10N-10S, 10E-10W
UNDERGROUND FEATURES/UTILITIES WERE
IDENTIFIED AND ARE SHOWN ON THIS MAP

CLIENT: CDM FEDERAL

NAEVA PROJECT NUMBER: 00012121G
PORTION OF AREA OF GEOPHYSICAL INVESTIGATION
SMITH-TOWN, NEW YORK
FIELD PERSONNEL: ROB GIMPEL & CLAY McMULLEN
EQUIPMENT UTILIZED: 3m DYNATEL 2260 CABLE LOCATOR,
FISHER TW-8 PIPE AND CABLE LOCATOR, DITCHWITCH
SUBSITE 75 R/T, AND SENSORS & SOFTWARE NOGGIN 250 GPR



Trees/Brush

Quail Path

Trees/Brush

Driveway

E

W





NAEVA GEOPHYSICS INC.
 A SUBSIDIARY OF NORTH AMERICAN EXPLORATION INC.
 Subsurface Geophysical Surveys
 P.O. BOX 876, TAPPAN, NY 10988
 (814) 268-1800 (814) 268-1803 FAX

LEGEND

- ⊗ PEBS
- W-- Water Line
- ST— Storm Drain

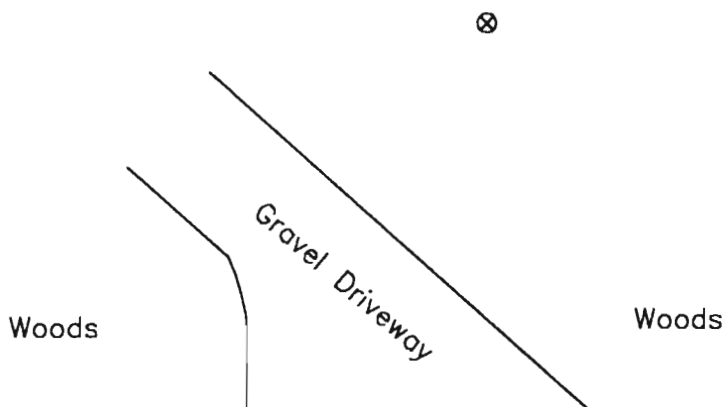
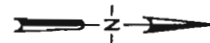
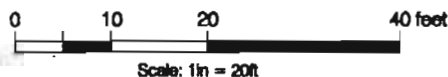
CLIENT: CDM FEDERAL

NAEVA PROJECT NUMBER: C0012121G
 PORTION OF AREA OF GEOPHYSICAL INVESTIGATION
 SMITHTOWN, NEW YORK

FIELD PERSONNEL: ROB GIMPEL & CLAY McMULLEN
 EQUIPMENT UTILIZED: 3m DYNATEL 2250 CABLE LOCATOR,
 FISHER TW-6 PIPE AND CABLE LOCATOR, DITCHWATCH
 SUBSITE 75 R/T, AND SENSORS & SOFTWARE NOGGIN 250 GPR

VPW - 18

DATE OF SURVEY: DECEMBER 12, 2000
 WEATHER: CLEAR, VERY WINDY, 45°F
 GPR PROFILES: 10N-10S, 10E-10W
 NEITHER UNDERGROUND UTILITIES
 NOR FEATURES WERE IDENTIFIED



Old Mill Road

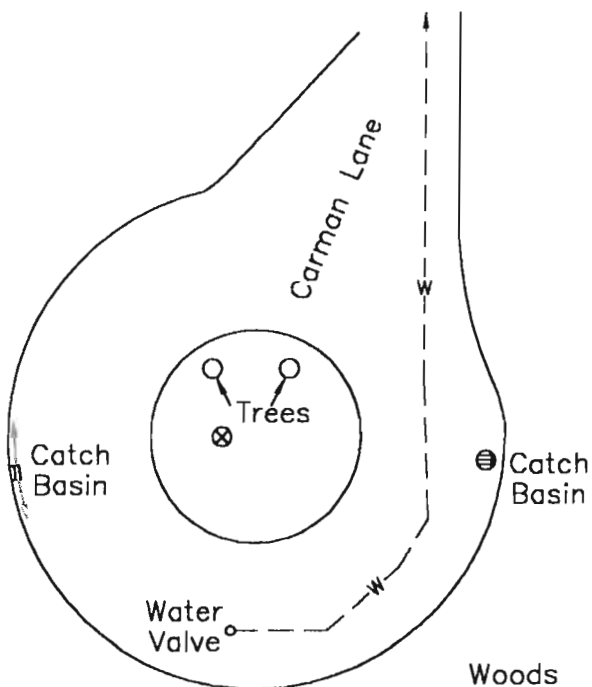
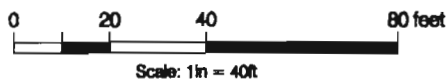
Valve

Hydrant

Woods

VPW - 20

DATE OF SURVEY: DECEMBER 12, 2000
 WEATHER: CLEAR, VERY WINDY, 45°F
 GPR PROFILES: 10N-10S, 10E-10W
 UNDERGROUND FEATURES/UTILITIES WERE
 IDENTIFIED AND ARE SHOWN ON THIS MAP





NAEVA GEOPHYSICS INC.

A SUBSIDIARY OF NORTH AMERICAN EXPLORATION, INC.

Subsurface Geophysical Surveys

P.O. BOX 576, TAPPAN, NY 10988

(814) 268-1800 (814) 268-1802 FAX

LEGEND

- ⊗ PEBS
- W- Water Line
- ?- Unknown Utility Line

CLIENT: CDM FEDERAL

NAEVA PROJECT NUMBER: C0012121G

PORTION OF AREA OF GEOPHYSICAL INVESTIGATION

SMITHTOWN, NEW YORK

FIELD PERSONNEL: ROB GIMPEL & CLAY McMULLEN

EQUIPMENT UTILIZED: 3m DYNATEL 2250 CABLE LOCATOR,

FISHER TW-6 PIPE AND CABLE LOCATOR, DITCHWITCH

SUBSITE 75 R/T, AND SENSORS & SOFTWARE NOGGIN 250 GPR

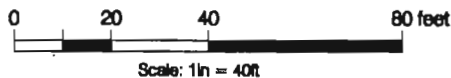
PZ - A

DATE OF SURVEY: DECEMBER 18, 2000

WEATHER: CLEAR, WINDY, 35°F

GPR PROFILES: 10N-10S, 10E-10W

UNDERGROUND FEATURES/UTILITIES WERE IDENTIFIED AND ARE SHOWN ON THIS MAP



Trees/Brush

←W→

Spring Hollow Road



Trees/Brush

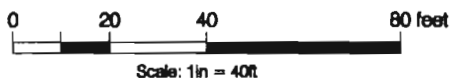
PZ - B1

DATE OF SURVEY: DECEMBER 12, 2000

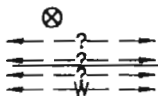
WEATHER: CLEAR, VERY WINDY, 45°F

GPR PROFILES: 10N-10S, 10E-10W

UNDERGROUND FEATURES/UTILITIES WERE IDENTIFIED AND ARE SHOWN ON THIS MAP



Woods



Swan Place

Woods

Gravel Driveway

Asphalt Driveway



NAEVA GEOPHYSICS INC.
 A SUBSIDIARY OF NORTH AMERICAN EXPLORATION INC.
Subsurface Geophysical Surveys
 P.O. BOX 576, TAPPAN, NY 10988
 (814) 268-1800 (814) 268-1808 FAX

LEGEND

- ⊗ PEBS
- - W - - Water Line
- X — X Chain-Link Fence

CLIENT: CDM FEDERAL

NAEVA PROJECT NUMBER: C0012121G

PORTION OF AREA OF GEOPHYSICAL INVESTIGATION

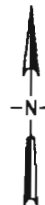
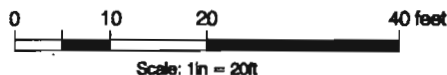
SMITHTOWN, NEW YORK

FIELD PERSONNEL: ROB GIMPEL & CLAY McMULLEN

EQUIPMENT UTILIZED: 3m DYNATEL 2250 CABLE LOCATOR,
 FISHER TW-6 PIPE AND CABLE LOCATOR, DITCHWITCH
 SUBSITE 75 R/T, AND SENSORS & SOFTWARE NOGGIN 250 GPR

PZ - F

DATE OF SURVEY: DECEMBER 18, 2000
 WEATHER: CLEAR, WINDY, 35°F
 GPR PROFILES: 10N-10S, 10E-10W
 NEITHER UNDERGROUND UTILITIES
 NOR FEATURES WERE IDENTIFIED



Woodlawn Avenue

Grass

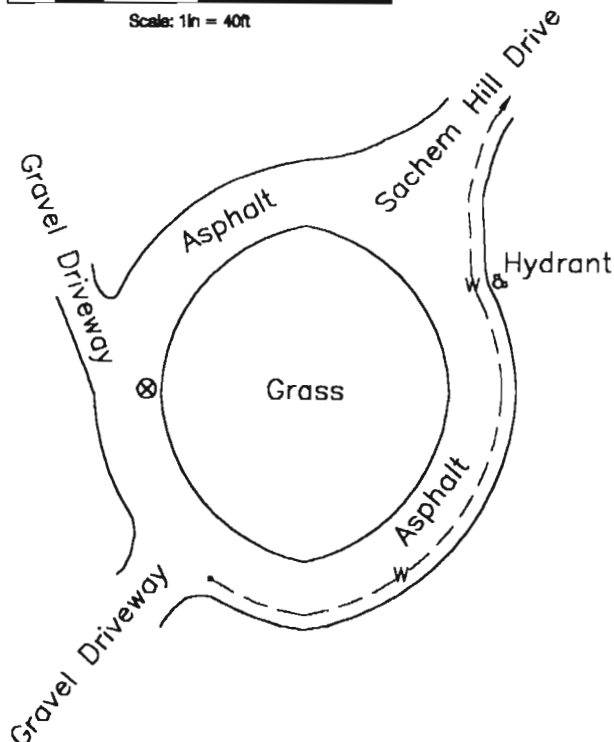
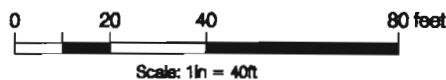
Grass

Asphalt
Driveway

Asphalt Parking Lot

VPW - 12

DATE OF SURVEY: DECEMBER 12, 2000
 WEATHER: CLEAR, VERY WINDY, 45°F
 GPR PROFILES: 4NE-10SW, 10NW-10SE
 UNDERGROUND FEATURES/UTILITIES WERE
 IDENTIFIED AND ARE SHOWN ON THIS MAP





NAEVA GEOPHYSICS INC.
A SUBSIDIARY OF NORTHEAST AMERICAN EXPLORATION INC., YONKERS, N.Y.
Subsurface Geophysical Surveys
P.O. BOX 878, LUTHER, NY 10883
(516) 868-1800 (516) 868-1803 FAX

LEGEND

- ⊗ PEBS
- - W - - Water Line
- - E - - Electric Line
- - - - Communications Line

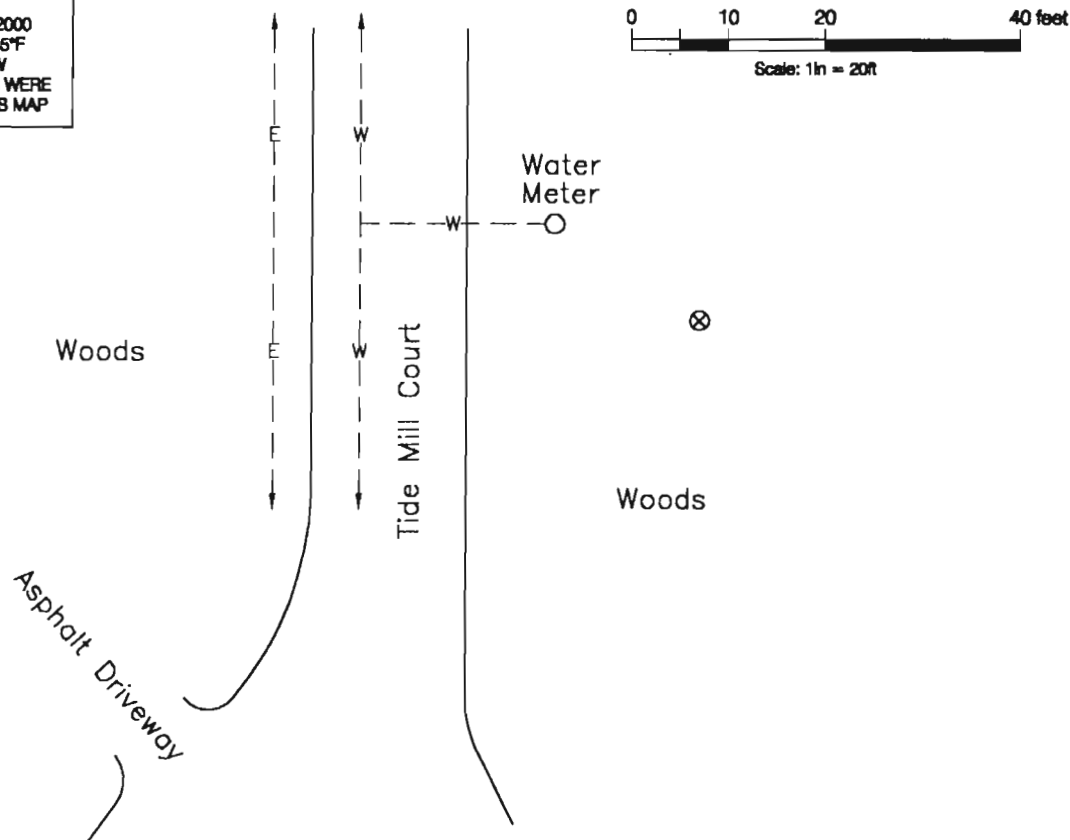
CLIENT: CDM FEDERAL

NAEVA PROJECT NUMBER: C0012121G
PORTION OF AREA OF GEOPHYSICAL INVESTIGATION
SMITHTOWN, NEW YORK

FIELD PERSONNEL: ROB GIMPEL & CLAY McMULLEN
EQUIPMENT UTILIZED: 3m DYNATEL 2250 CABLE LOCATOR,
FISHER TW-8 PIPE AND CABLE LOCATOR, DITCH-WITCH
SUBSITE 75 R/T, AND SENSORS & SOFTWARE NOGIN 250 GPR

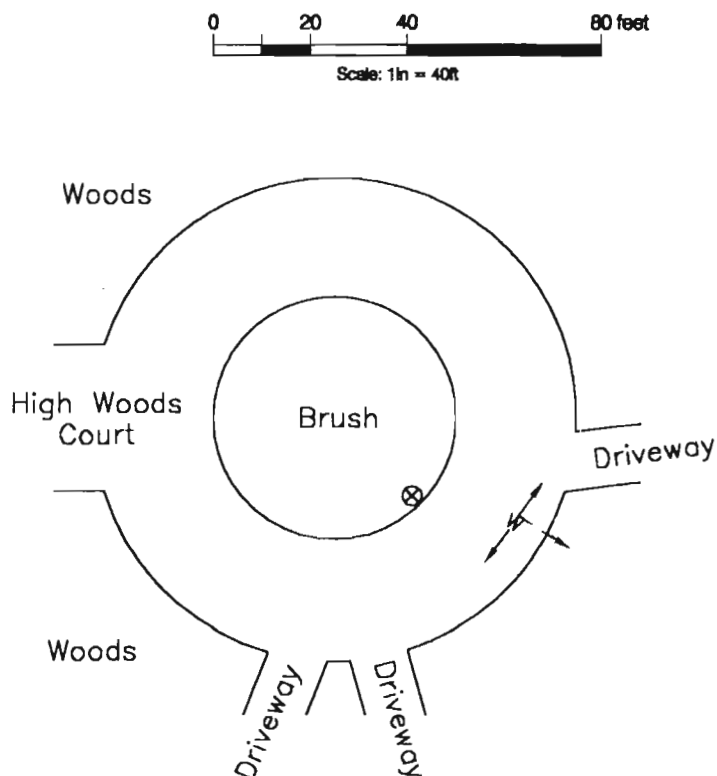
VPW - 13

DATE OF SURVEY: DECEMBER 12, 2000
WEATHER: CLEAR, VERY WINDY, 45°F
GPR PROFILES: 10S-8N, 10E-10W
UNDERGROUND FEATURES/UTILITIES WERE
IDENTIFIED AND ARE SHOWN ON THIS MAP



VPW - 14

DATE OF SURVEY: DECEMBER 12, 2000
WEATHER: CLEAR, VERY WINDY, 45°F
GPR PROFILES: 10SE-10NW, 10SW-10NE
UNDERGROUND FEATURES/UTILITIES WERE
IDENTIFIED AND ARE SHOWN ON THIS MAP





NAEVA GEOPHYSICS INC.
A MEMBER OF THE GEOPHYSICAL INVESTIGATION GROUP, INC.
 Subsurface Geophysical Surveys
 P.O. BOX 676, TAPPAN, NY 10988
 (814) 262-1800 (814) 262-1808 FAX

LEGEND

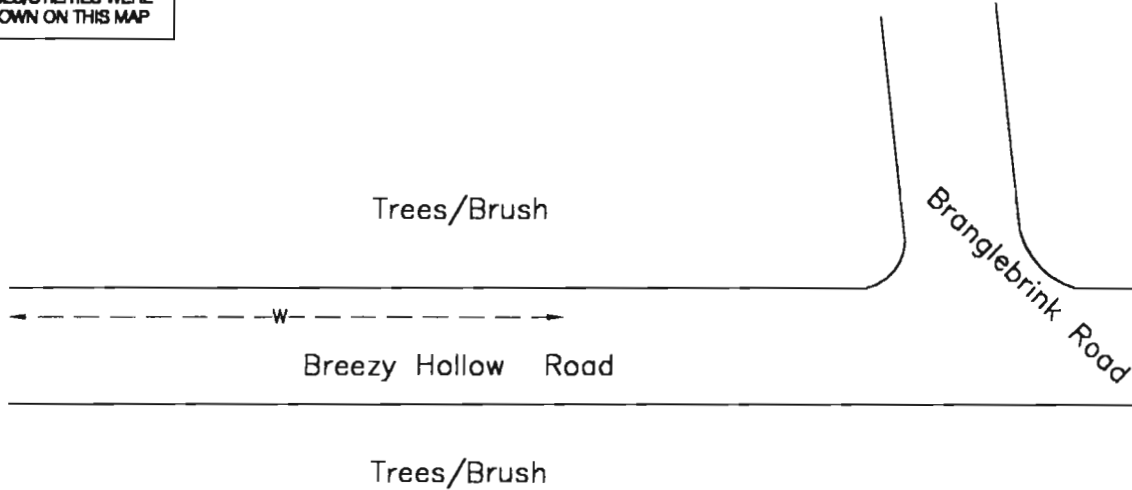
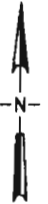
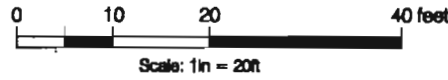
- ⊗ PEBS
- -W- - Water Line
- Product Line

CLIENT: CDM FEDERAL

NAEVA PROJECT NUMBER: C0012121G
 PORTION OF AREA OF GEOPHYSICAL INVESTIGATION
 SMITHTOWN, NEW YORK
 FIELD PERSONNEL: ROB GIMPEL & CLAY McMULLEN
 EQUIPMENT UTILIZED: 3m DYNATEL 2250 CABLE LOCATOR,
 FISHER TW-6 PIPE AND CABLE LOCATOR, DITCHWITCH
 SUBSITE 75 R/T, AND SENSORS & SOFTWARE NOGGIN 250 GPR

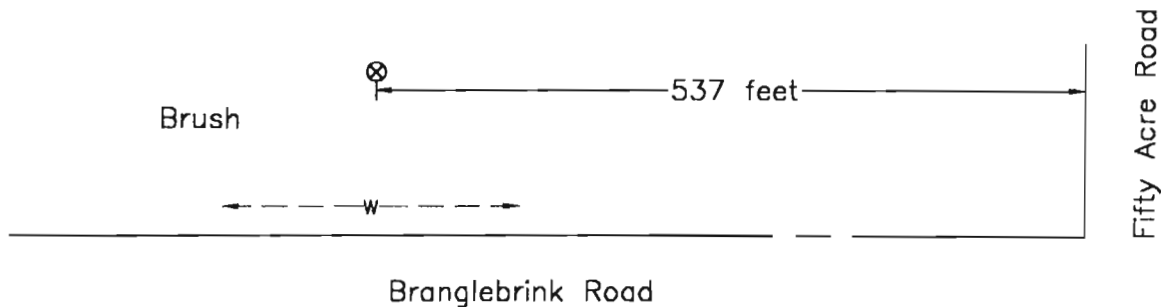
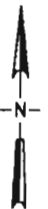
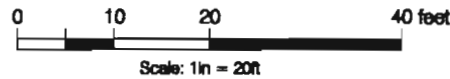
VPW - 15

DATE OF SURVEY: DECEMBER 18, 2000
 WEATHER: CLEAR, WINDY, 35°F
 GPR PROFILES: 10N-10S, 10E-10W
 UNDERGROUND FEATURES/UTILITIES WERE
 IDENTIFIED AND ARE SHOWN ON THIS MAP



VPW - 17

DATE OF SURVEY: DECEMBER 18, 2000
 WEATHER: CLEAR, WINDY, 35°F
 GPR PROFILES: 4N-10S, 10E-10W
 UNDERGROUND FEATURES/UTILITIES WERE
 IDENTIFIED AND ARE SHOWN ON THIS MAP





NAEVA GEOPHYSICS INC.
A SUBSIDIARY OF THE NORTH AMERICAN DIVISION OF VERONICA INC.
Subsurface Geophysical Surveys
P.O. BOX 878, TAPPAN, NY 10988
(814) 868-1800 (814) 868-1803 FAX

LEGEND

- ⊗ PEBS
- - W - - Water Line
- ▨ Metal Detector Anomaly

CLIENT: CDM FEDERAL

NAEVA PROJECT NUMBER: C0012121G

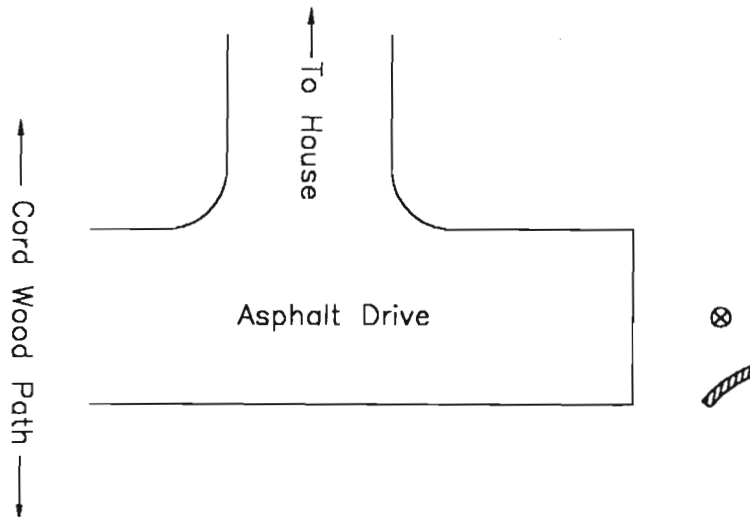
PORTION OF AREA OF GEOPHYSICAL INVESTIGATION
SMITHTOWN, NEW YORK

FIELD PERSONNEL: ROB GIMPEL & CLAY McMULLEN

EQUIPMENT UTILIZED: 3m DYNATEL 2250 CABLE LOCATOR,
FISHER TW-8 PIPE AND CABLE LOCATOR, DITCH-WITCH
SUBSITE 75 R/T, AND SENSORS & SOFTWARE NOGGIN 250 GPR

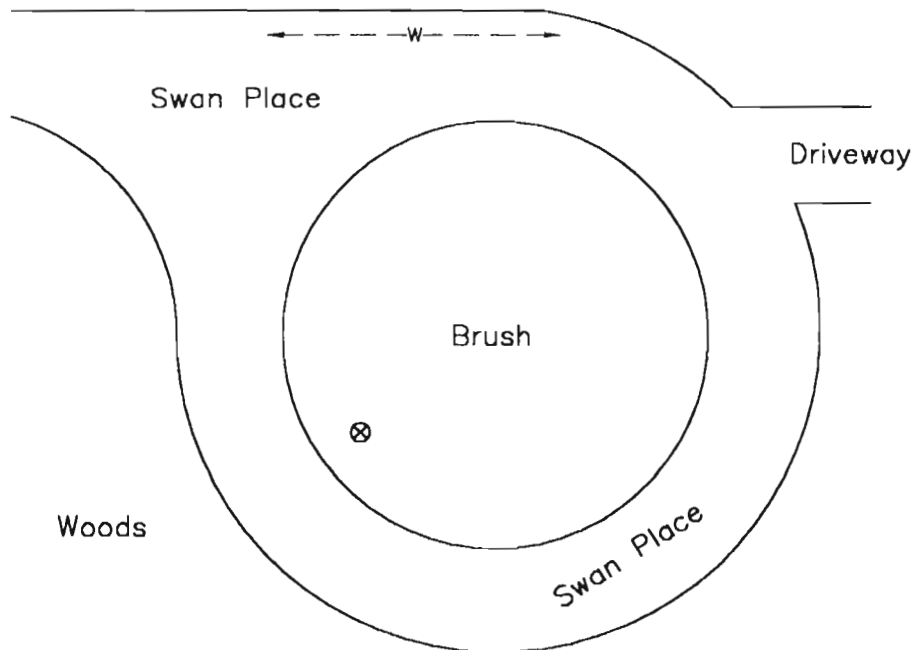
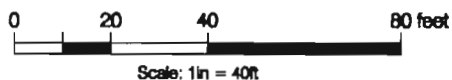
VPW - 21

DATE OF SURVEY: DECEMBER 18, 2000
WEATHER: CLEAR, WINDY, 35°F
GPR PROFILES: 10N-10S, 10E-10W,
2 FEET N OF PEBS 10E-10W
UNDERGROUND FEATURES WERE
IDENTIFIED AND ARE SHOWN ON THIS MAP



VPW - 22

DATE OF SURVEY: DECEMBER 12, 2000
WEATHER: CLEAR, VERY WINDY, 45°F
GPR PROFILES: 10SW-10NE, 10SE-10NW
UNDERGROUND FEATURES/UTILITIES WERE
IDENTIFIED AND ARE SHOWN ON THIS MAP





NAEVA GEOPHYSICS INC.
 A SUBSIDIARY OF JERRY ANDERSON EXPLORATION, INC.
 Subsurface Geophysical Surveys
 P.O. BOX 578, TAPPAN, NY 10988
 (814) 268-1800 (814) 268-1803 FAX

LEGEND

⊗ PEBS
 —ST— Storm Drain

CLIENT: CDM FEDERAL

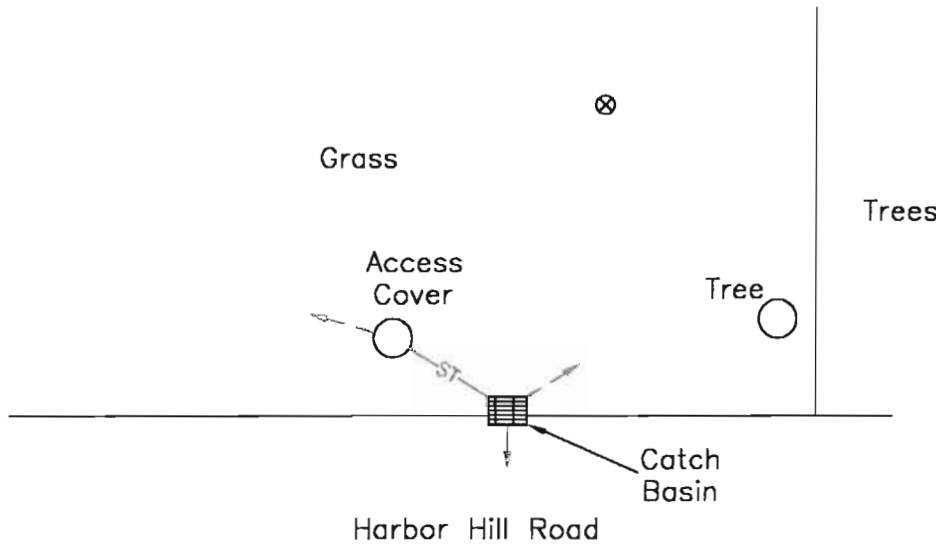
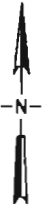
NAEVA PROJECT NUMBER: C0012121G
 PORTION OF AREA OF GEOPHYSICAL INVESTIGATION
 SMITHTOWN, NEW YORK

FIELD PERSONNEL: ROB GIMPEL & CLAY McMULLEN
 EQUIPMENT UTILIZED: 3m DYNATEL 2250 CABLE LOCATOR,
 FISHER TW-8 PIPE AND CABLE LOCATOR, DITCHWITCH
 SUBSITE 75 RVT, AND SENSORS & SOFTWARE NOGGIN 250 GPR

VPW - 24

DATE OF SURVEY: DECEMBER 12, 2000
 WEATHER: CLEAR, VERY WINDY, 45°F
 GPR PROFILES: 10SE-10NW, 10SW-10NE
 UNDERGROUND FEATURES/UTILITIES WERE
 IDENTIFIED AND ARE SHOWN ON THIS MAP

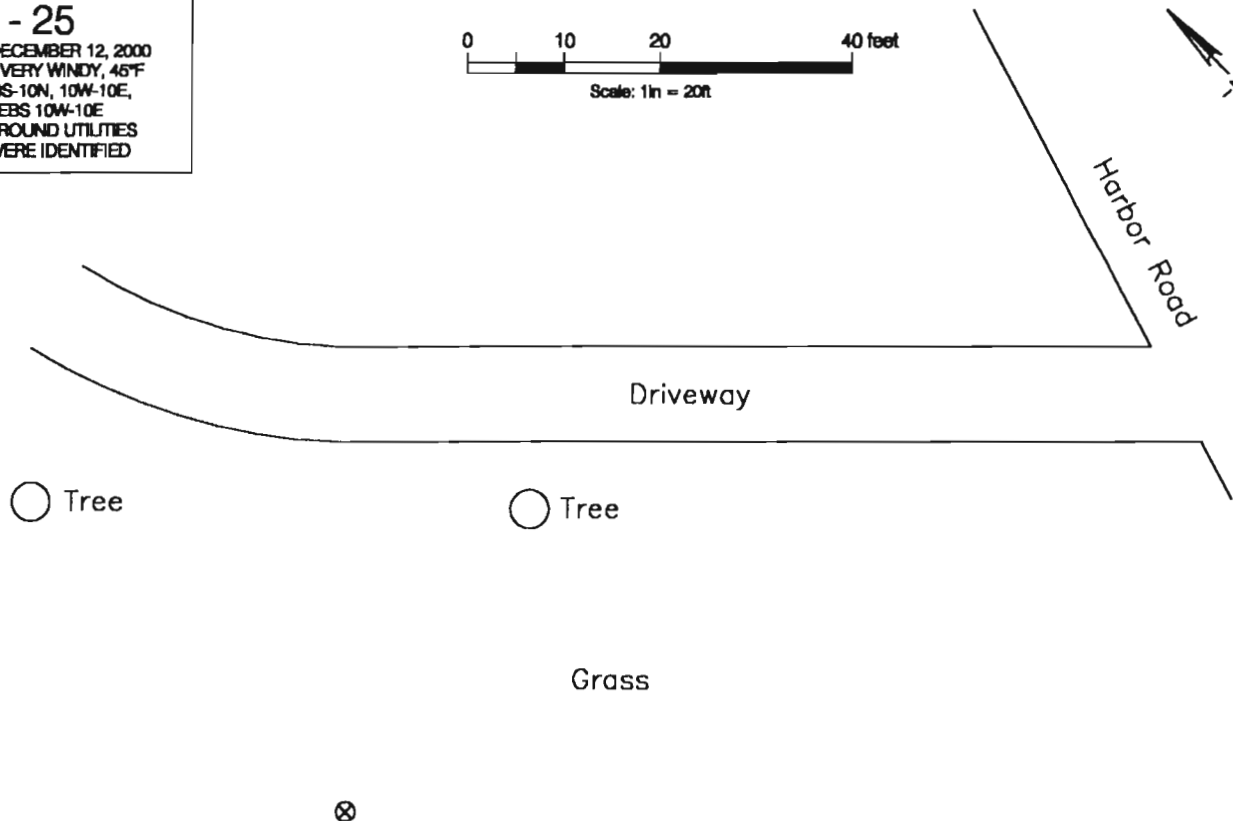
0 10 20 40 feet
 Scale: 1in = 20ft



VPW - 25

DATE OF SURVEY: DECEMBER 12, 2000
 WEATHER: CLEAR, VERY WINDY, 45°F
 GPR PROFILES: 10S-10N, 10W-10E,
 2 FEET N OF PEBS 10W-10E
 NEITHER UNDERGROUND UTILITIES
 NOR FEATURES WERE IDENTIFIED

0 10 20 40 feet
 Scale: 1in = 20ft





Appendix B
Field Change Requests

FIELD CHANGE REQUEST (FCR) FORM

REQUEST NO: ~~001~~ 001

DATE: 3/12/01

FCR TITLE: Analytical Parameters

DESCRIPTION: add SVOCs, pesticides/PCBs, and inorganics (including cyanide) to MW samples, sediment & surface water samples

REASON FOR DEVIATION: various EPA reviewers requested the additional parameters.

RECOMMENDED/MODIFICATION: add the cited analytical parameters to the specified samples, to be sent to the CLP labs. However, EPA may book the DESA lab for MW gw samples only.

Signatures: FTL _____
Joseph DeFranco
Date
CDM Federal SM Susan Schofield
3/12/01
Date

Distribution: EPA RPM
CDM Federal SM
FTL
RQAC
Field Team
Project File

SMITHTOWN GROUNDWATER CONTAMINATION SITE FIELD CHANGE REQUEST (FCR FORM)

REQUEST NO: FCR-P2-1

DATE: 1/28/03

FTC TITLE: Change in drilling technique for Phase II vertical profile wells.

DESCRIPTION: DPT will be used instead of HSA to collect vertical profile screening samples for LDL VOC analysis.

REASON FOR DEVIATION: For HSA drilling, need to add copious amounts of water to the drill stem to keep running sands out of the augers. The addition of water can influence the VPW samples, lowering the amount of relative contamination in the profiling location. It was found in Phase I that low levels of VOCs and TICs were introduced, cross-contaminating screening samples. These compounds were probably from the tank used to transport the water to the drilling location or the hose used to transfer the water from the tank to the HSA. Using DPT will eliminate the need to add water to the drill stem and significantly reduce the chance of cross-contamination.

RECOMMENDED MODIFICATION: Use DTP (geoprobe) to advance temporary screen and rod to collect groundwater screening samples. Will increase screening data reliability, which will ultimately aid in better placement of new monitoring wells.

Signatures:

FOL

Joe DeFranco

1/29/03
Date

CDM SM

Susan Schofield

1/29/03
Date

EPA RPM

Syed Quadri

X
Date

Distribution: Syed Quadri EPA RPM
Susan Schofield CDM SM
Joe DeFranco FOL
Jeniffer Oxford RQAC
Field Team
Project File 3220-012

SMITHTOWN GROUNDWATER CONTAMINATION SITE FIELD CHANGE REQUEST (FCR FORM)

REQUEST NO: FCR-P2-2

DATE: 1/28/03

FTC TITLE: Downhole geophysics at VPW locations.

DESCRIPTION: It will not be possible to complete downhole geophysics at VPW locations where DPT is used to drill.

REASON FOR DEVIATION: The outer diameter of the downhole geophysical tool is much greater the inner diameter of the DPT rods.

RECOMMENDED MODIFICATION: Smaller diameter tools are not available. The greater reliability of the groundwater screening data is worth sacrificing the ability to collect subsurface lithology.

Signatures:

FOL

Joe DeFranco
Joe DeFranco

1/29/03
Date

CDM SM

Susan Schofield
Susan Schofield

1/29/03
Date

EPA RPM

Syed Quadri
Syed Quadri

X
Date

Distribution: Syed Quadri EPA RPM
Susan Schofield CDM SM
Joe DeFranco FOL
Jeniffer Oxford RQAC
Field Team
Project File 3220-012

SMITHTOWN GROUNDWATER CONTAMINATION SITE FIELD CHANGE REQUEST (FCR FORM)

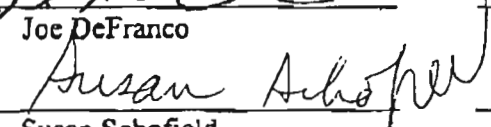
REQUEST NO: FCR-P2-3DATE: 1/28/03FTC TITLE: Groundwater sampling at VPW locations.DESCRIPTION: It will not be possible to complete screening sampling by low-flow techniques or use a submersible Grundfos Redi-Flo 2. Stabilization parameters will not be collected.REASON FOR DEVIATION: The outer diameter of a Grundfos Red-Flo 2 is much greater the inner diameter of the DPT rods. It would not be possible to advance larger diameter to 150 ft bgs to collect groundwater samples. Since screening sampls are not being pumped to the surface, stabilization parameters are not needed.RECOMMENDED MODIFICATION: Sampling will be collected by using thin diameter tubing and a check valve.

Signatures:

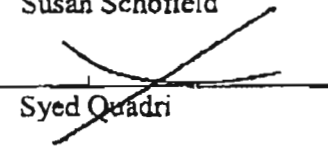
FOL


Joe DeFranco1/27/03
Date

CDM SM


Susan Schofield2/10/03
Date

EPA RPM


Syed Quadri
DateDistribution: Syed Quadri EPA RPM
Susan Schofield CDM SM
Joe DeFranco FOL
Jeniffer Oxford RQAC
Field Team
Project File 3220-012

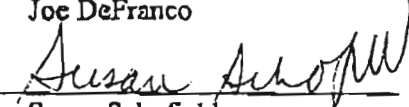
**SMITHTOWN GROUNDWATER CONTAMINATION SITE
FIELD CHANGE REQUEST (FCR FORM)**

REQUEST NO: FCR-P2-4DATE: 2/10/03FTC TITLE: Modification of container for VOC analysis during sanitary sludge sampling.DESCRIPTION: It will not be possible to use Encore samplers to collect the VOC fraction during sludge sampling at the potential source facility locations.REASON FOR DEVIATION: The sludge collected is too soft and completely saturated, material will not stay in the Encore sampler.RECOMMENDED MODIFICATION: Will use 1-4 ounce wide mouth glass jars with a Teflon-lined septum. Request was approved by CDM's Analytical Services Coordinator (ASC).

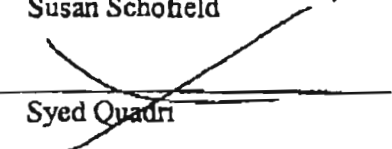
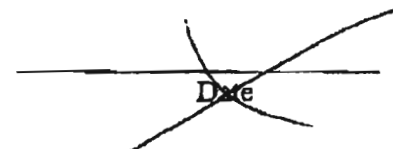
Signatures: FOL


Joe DeFranco2/10/03
Date

CDM SM


Susan Schofield2/10/03
Date

EPA RPM


Syed Quadri
Date

Distribution: Syed Quadri EPA RPM
Susan Schofield CDM SM
Joe DeFranco FOL
Jeniffer Oxford RQAC
Field Team
Project File 3220-012



Appendix C

Monitoring Well and Piezometer Construction Logs

Well ID: MW-1S

Location: IFO 15 Quail Path, Nissequogue

Geologist: A. Dodge (EMDS)

Drilling Dates: Jan 23 and 24, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 102.75 ft. amsl (TOC)

North: 263840.74 East: 1208532.90

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 100 ft

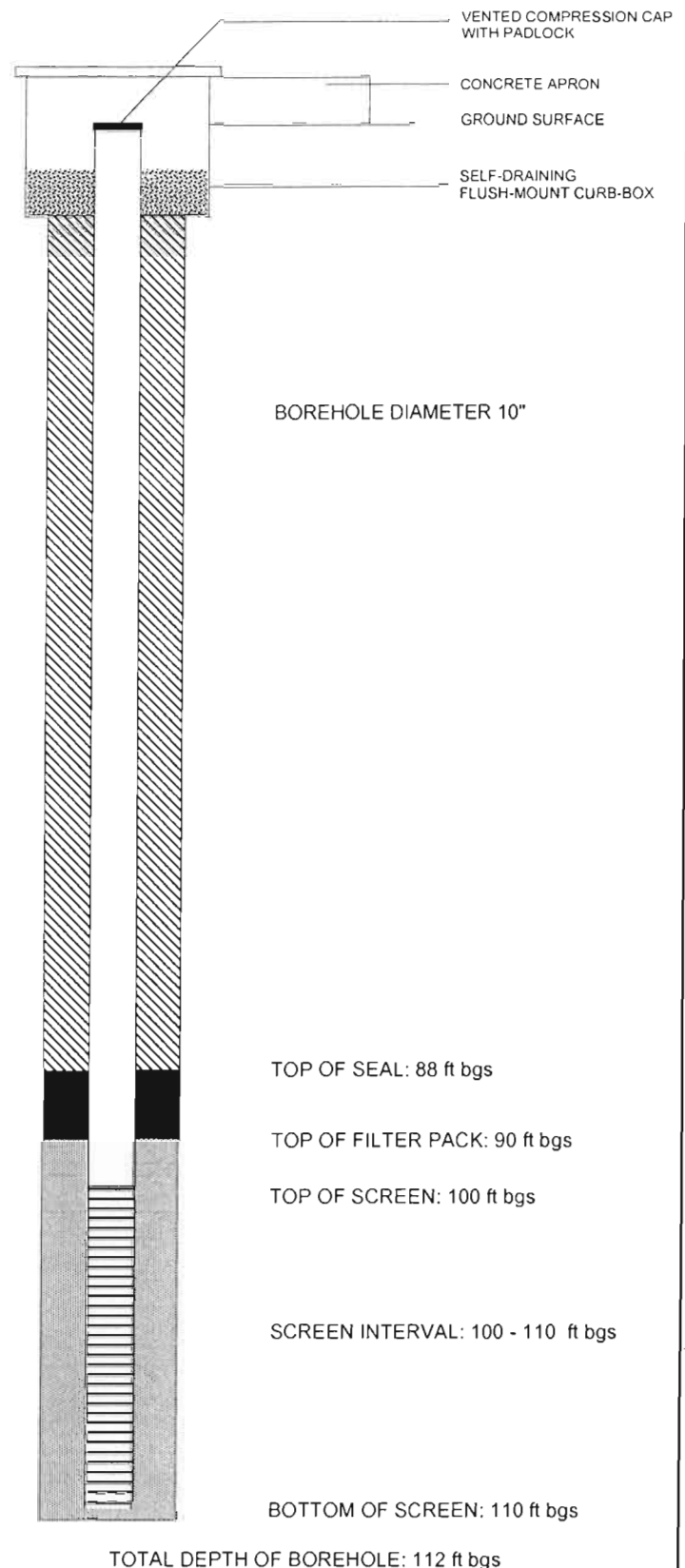
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 90.83 ft below TOC (3/19/02)

REMARKS:

mw.com template-stainless.srf



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-11

Location: IFO 15 Quail Path, Nissequogue

Geologist: A. Dodge (EMDS) M. Meriwether (PWGC)

Drilling Dates: Jan 25 through 30, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 99.82 ft. amsl (TOC)

North: 263836.39 East: 1208560.16

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 140 ft

Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 87.78 ft below TOC (3/19/02)

REMARKS:

mw.com template-stainless.srt



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-2

Location: IFO 320 Old Mill Road, Nissequoque

Geologist: M. Meriwether (PWGC)

Drilling Dates: Jan 31 through Feb 4, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10/B-61

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 167.43 ft. amsl

North: 263429.99 East: 1209022.98

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 180 ft

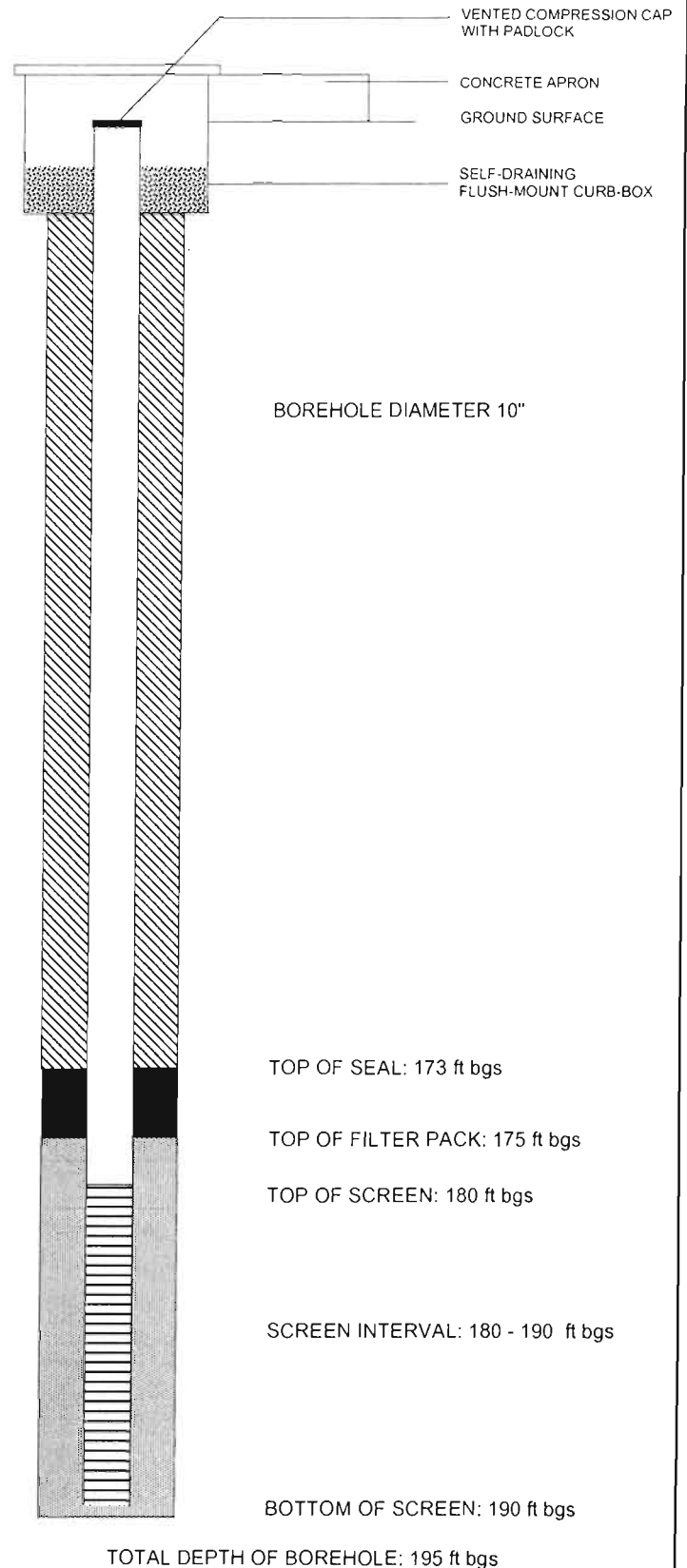
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 151.24 ft below TOC (3/19/02)

REMARKS:

mw.com template-stainless.srt



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-3S

Location: IFO 29 Branglebrink Road, Head of the Harbor

Geologist: A. Dodge (EMDS)

Drilling Dates: Feb 19, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: B-61

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 168.17 ft. amsl

North: 262531.67 East: 1211050.00

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 167 ft

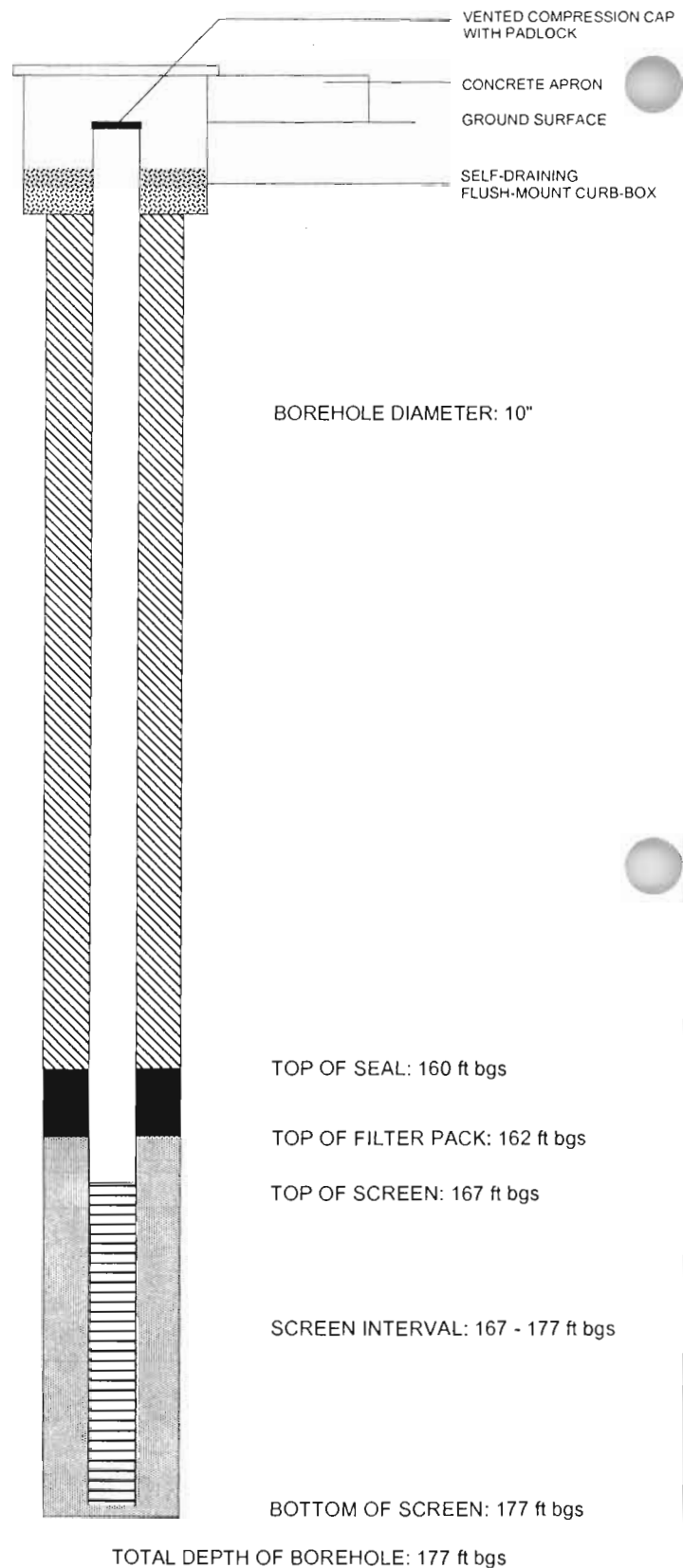
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 148.31 ft below TOC (3/19/02)

REMARKS:

mw.com/template-stainless.srf



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-3I

Location: IFO 29 Branglebrink Road, Head of the Harbor

Geologist: A. Dodge (EMDS)

Drilling Dates: Feb 15 through 22, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: B-61/F-10

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 167.62 ft. amsl

North: 262523.27 East: 1211051.52

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 198 ft

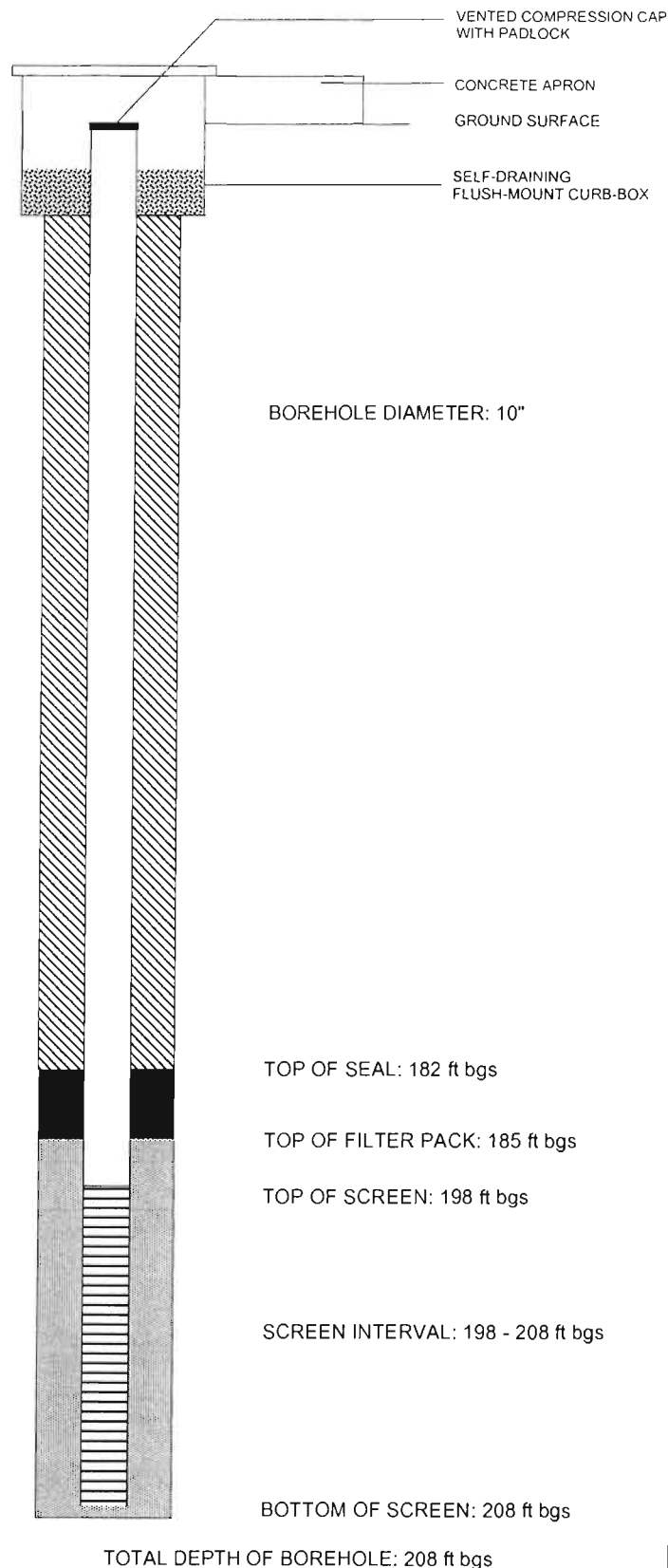
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 147.70 ft below TOC (3/19/02)

REMARKS:

mw.com template-stainless.stl



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-4S

Location: C/O Moriches Road & Fifty Acre Road,
Head of the Harbor

Geologist: M. Rodriguez (PWGC)

Drilling Dates: Feb 19 through 20, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: B-61/F-10

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 178.70 ft. amsl

North: 263827.14 East: 1212499.50

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 170 ft

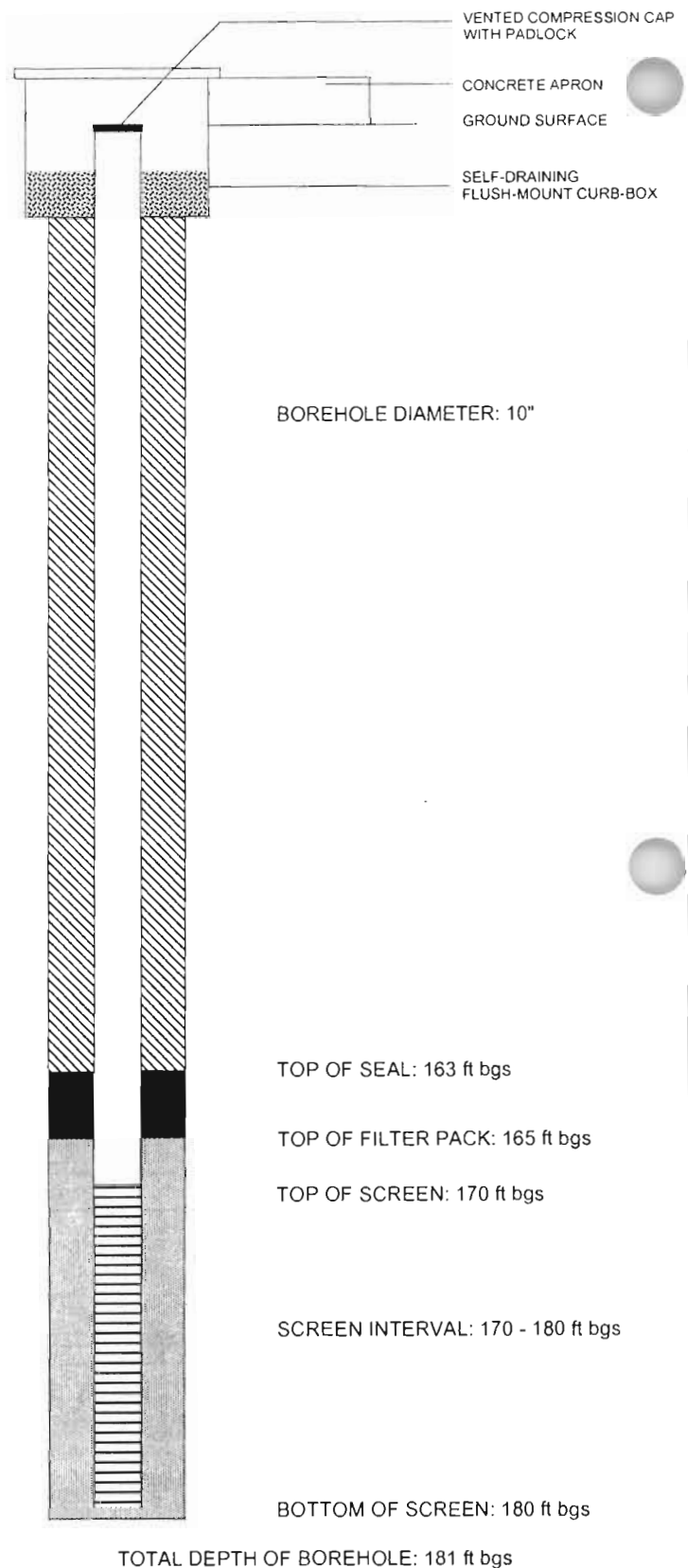
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 159.77 ft below TOC (3/19/02)

REMARKS:

rwf.com template: stainless.srf

**CDM.**

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-4I

Location: C/O Moriches Road & Fifty Acre Road,
Head of the Harbor

Geologist: A. Dodge (EMDS)

Drilling Dates: Feb 18 through 21, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 178.15 ft. amsl

North: 263812.64 East: 1212501.24

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 200 ft

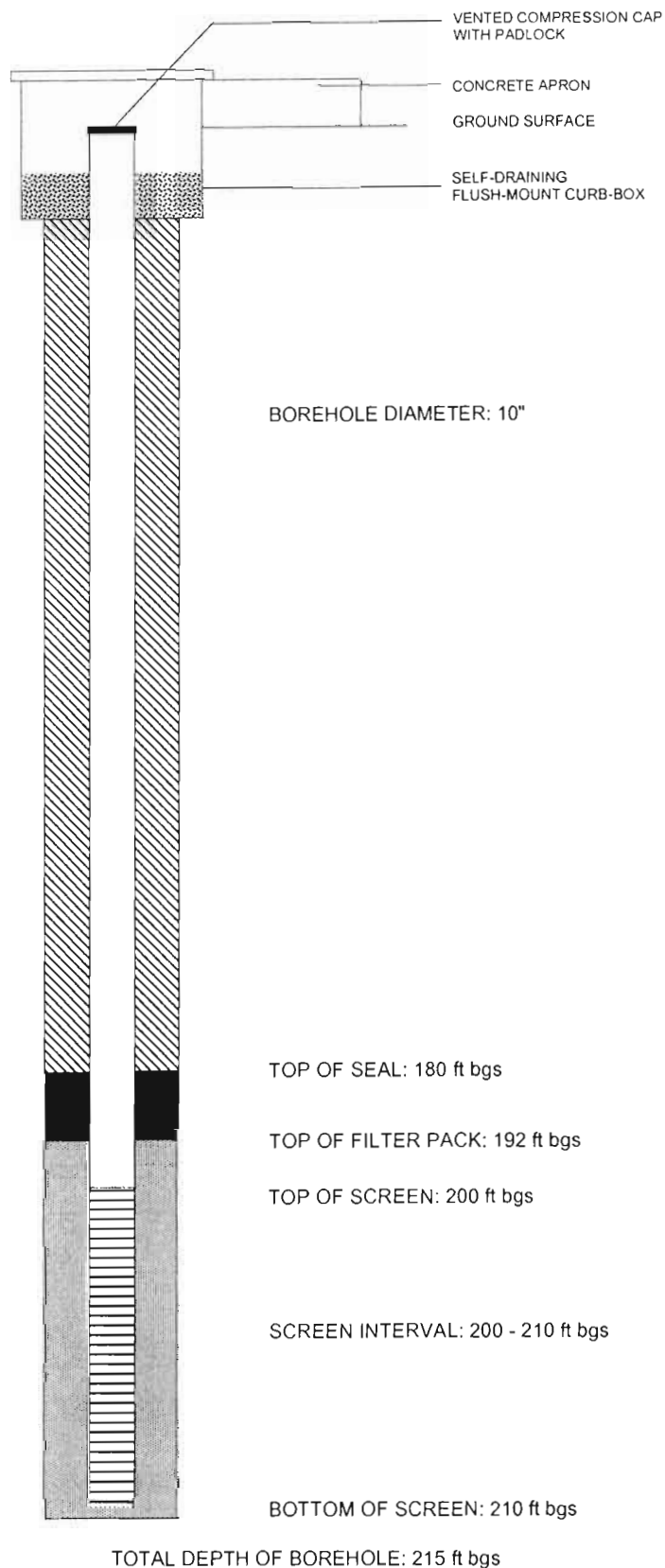
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 159.00 ft Below TOC (3/19/02)

REMARKS:

mwr.com template stainless.srf



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-4D

Location: C/O Moriches Road & Fifty Acre Road,
Head of the Harbor

Geologist: M. Meriwether (PWGC)

Drilling Dates: Feb 5 through 15, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 178.36 ft. amsl

North: 263818.39 East: 1212501.59

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 242.5 ft

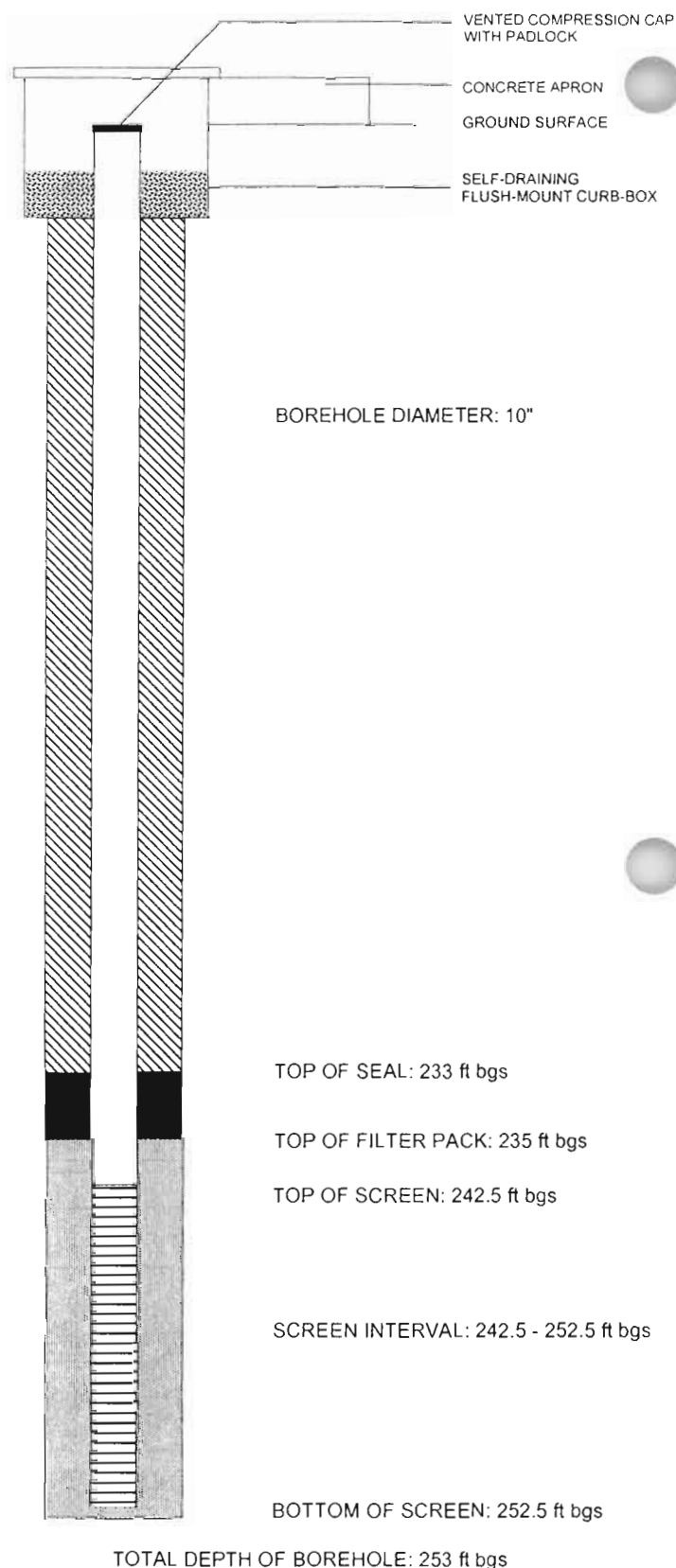
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 159.29 ft below TOC (3/19/02)

REMARKS:

mw.com template-stainless.srf



CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-5S

Location: C/O Harbor Road & Harbor Hill Road,
Head of the Harbor

Geologist: A. Dodge (EMDS)

Drilling Dates: Feb 1, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: B-61

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 12.84 ft. amsl

North: 265621.91 East: 1214003.68

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 40 ft

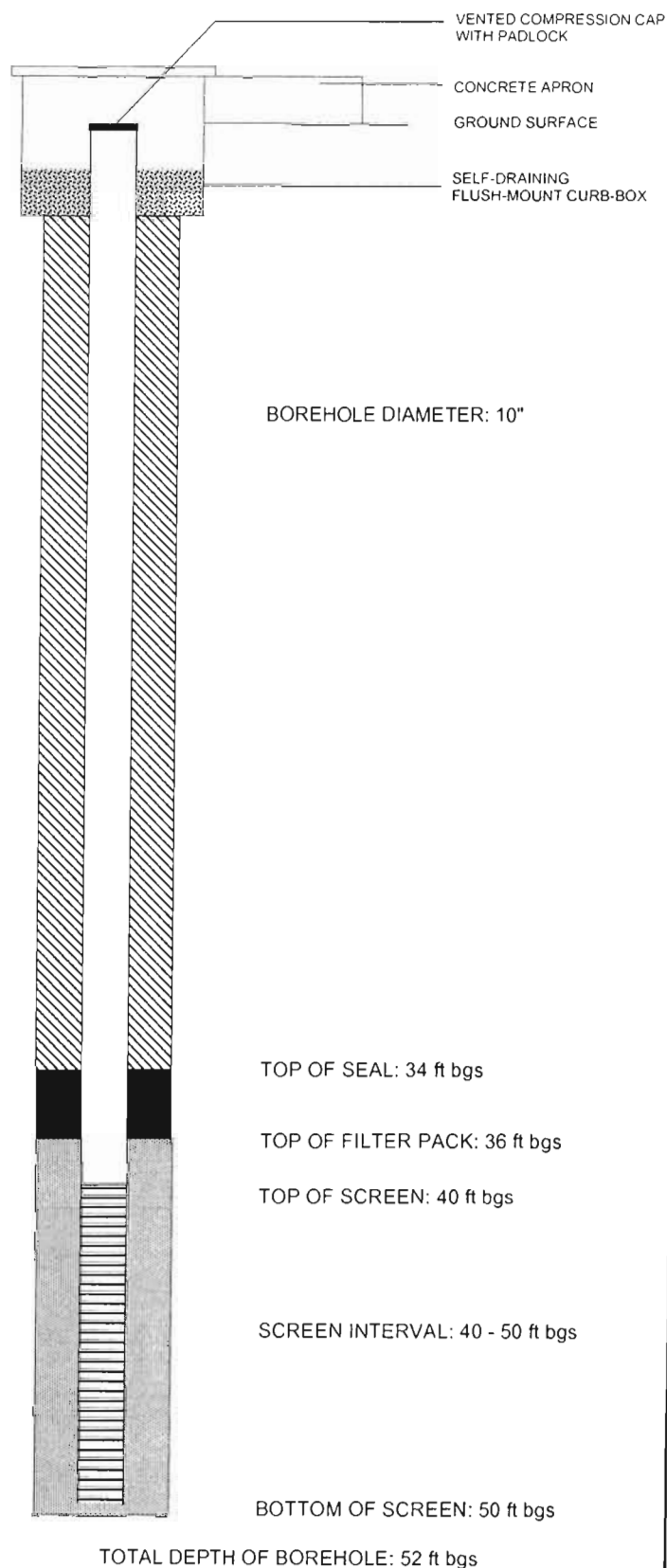
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 1.68 ft below TOC (3/19/02)

REMARKS:

mw.com template: stainless.srf



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-5I

Location: C/O Harbor Road & Harbor Hill Road,
Head of the Harbor

Geologist: A. Dodge (EMDS)

Drilling Dates: Jan 31, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: B-61

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 13.84 ft. amsl (TOC)

North: 265663.40 East: 1214030.27

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 109 ft

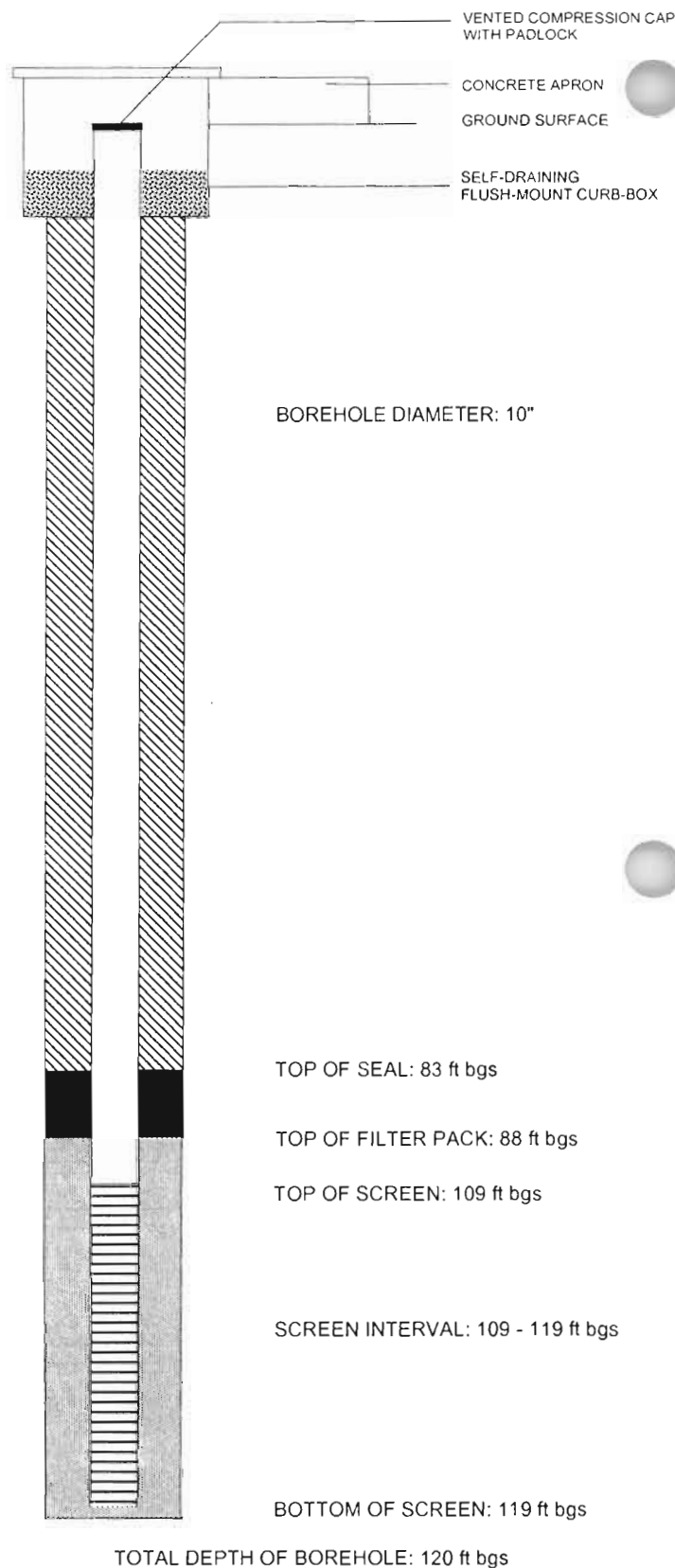
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 2.29 ft below TOC (3/19/02)

REMARKS:

nw.com template-stainless.srf



CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-5D

Location: C/O Harbor Road & Harbor Hill Road,
Head of the Harbor

Geologist: A. Dodge (EMDS)

Drilling Dates: Jan 28 through 30, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: B-61

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 13.31 ft. amsl (TOC)

North: 265630.84 East: 1214014.79

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 160 ft

Screen Length: 10 ft

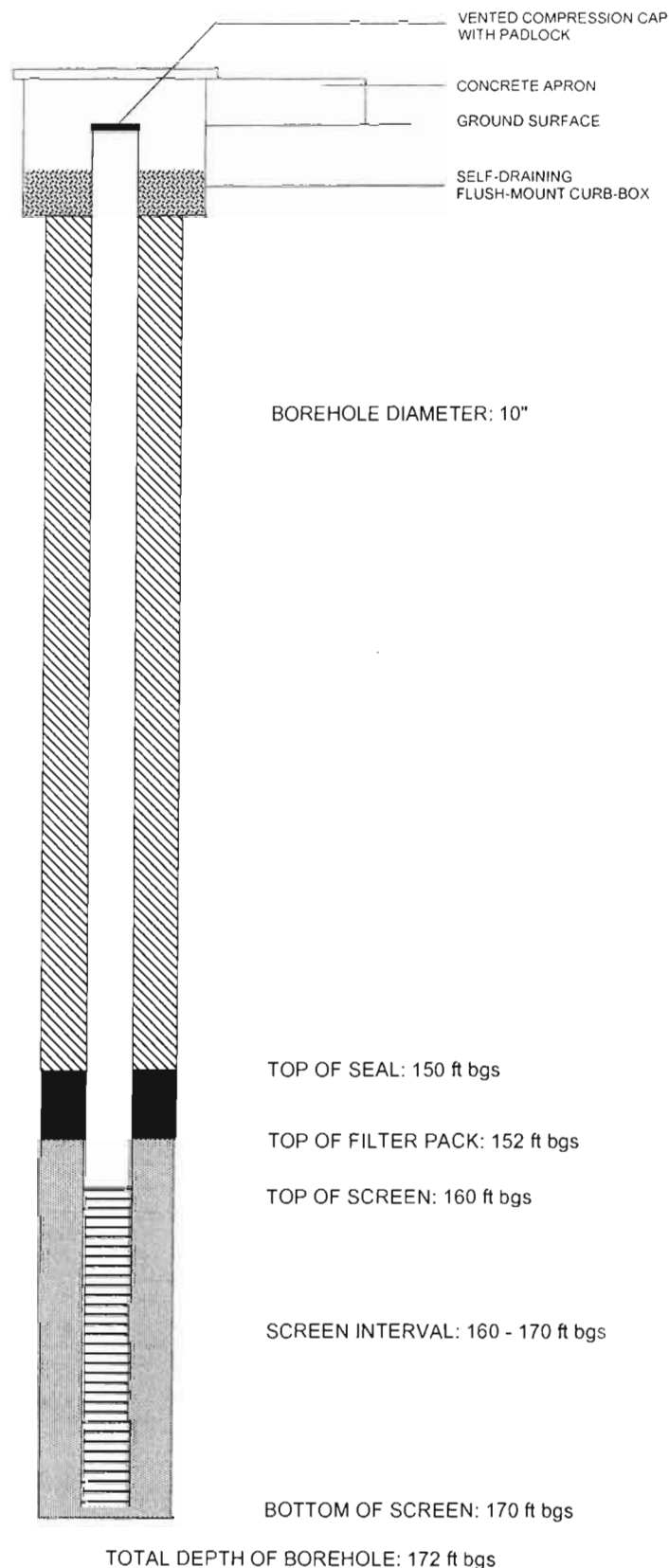
Screen Slot Size: 0.010 in

Depth to Water: Approximately 5.9 ft above TOC (3/18/02)

REMARKS:

Monitoring well is artesian, flows 4 - 5 GPM

mw.com template-stainless.srf



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-6S

Location: IFO 17 Pinoak Lane, Head of the Harbor

Geologist: A. Dodge (EMDS)

Drilling Dates: Feb 8 through 14, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10/B-61

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 175.64 ft. amsl (TOC)

North: 265785.81 East: 1215975.86

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 188 ft

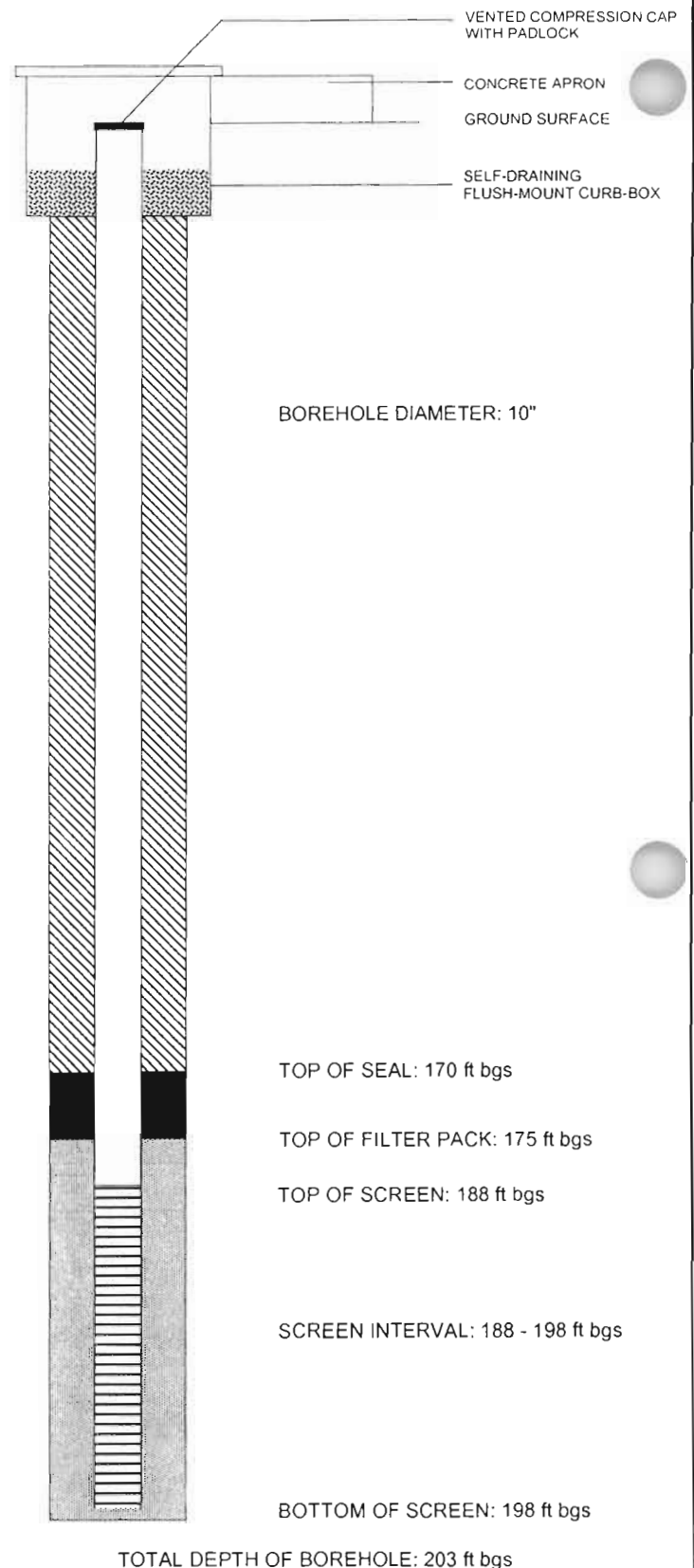
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 144.93 ft below TOC (3/19/02)

REMARKS:

mw.com template-stainless.srt



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-6I

Location: IFO 17 Pinoak Lane, Head of the Harbor

Geologist: A. Dodge (EMDS)

Drilling Dates: Feb 4 through 7, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 175.45 ft. amsl (TOC)

North: 265776.34 East: 1215983.34

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 219 ft

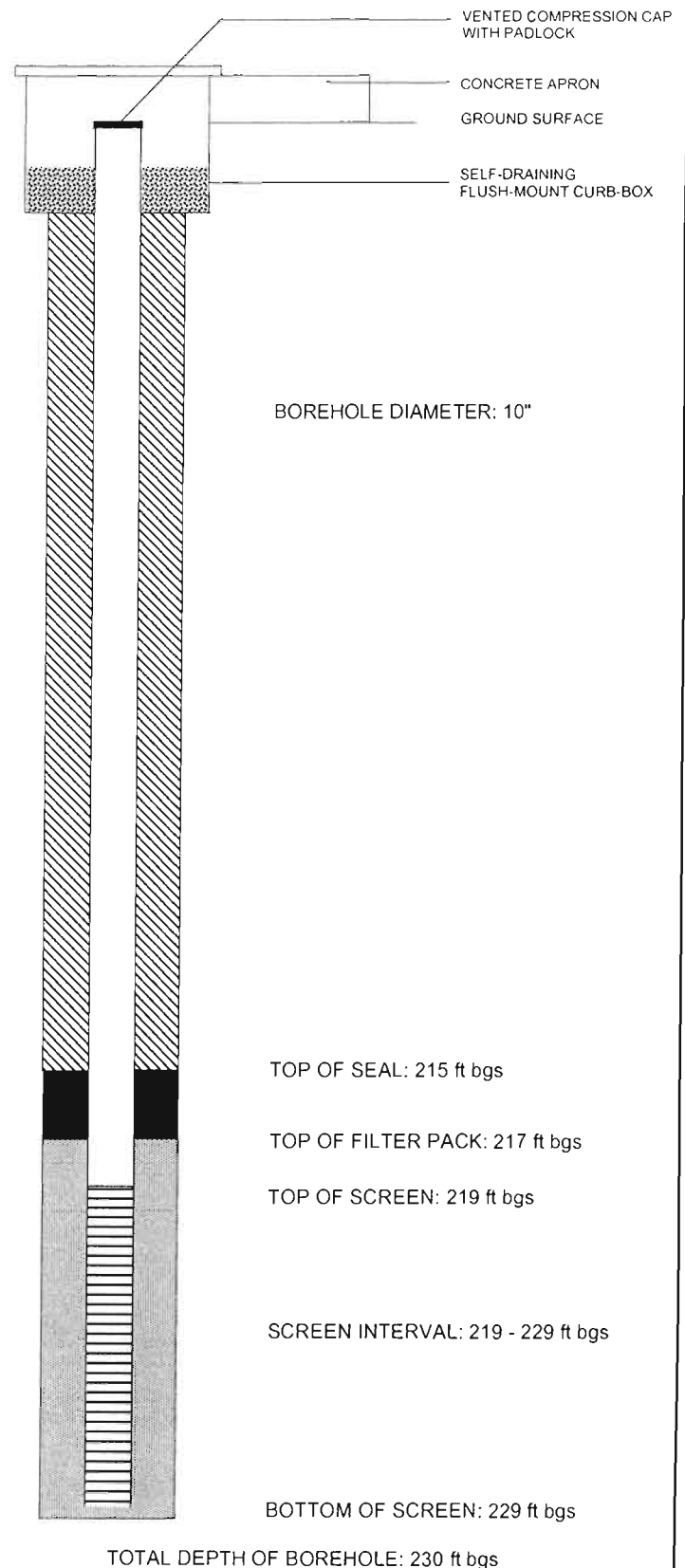
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 143.71 ft below TOC (3/19/02)

REMARKS:

mw.com template: stainless.srf



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-7

Location: Rear of 556 North Country Road, St. James
Polo French Cleaners

Geologist: Adrian Steinhauß (PWGC)

Drilling Dates: May 13 through May 16, 2003

Drilling Subcontractor: Uni-Tech

Drilling Rig: F-10

Drilling Method: Hollow Stem Auger 6.25" ID

MP Elevation: 154.15 ft. amsl (TOC)

North: 263899.6 East: 1218161.4

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 4" Diameter, Wire Wrap Stainless Steel

Riser Casing: 4" Diameter, Schedule 5 Stainless Steel

Measurements

Riser Pipe Length: 124 ft

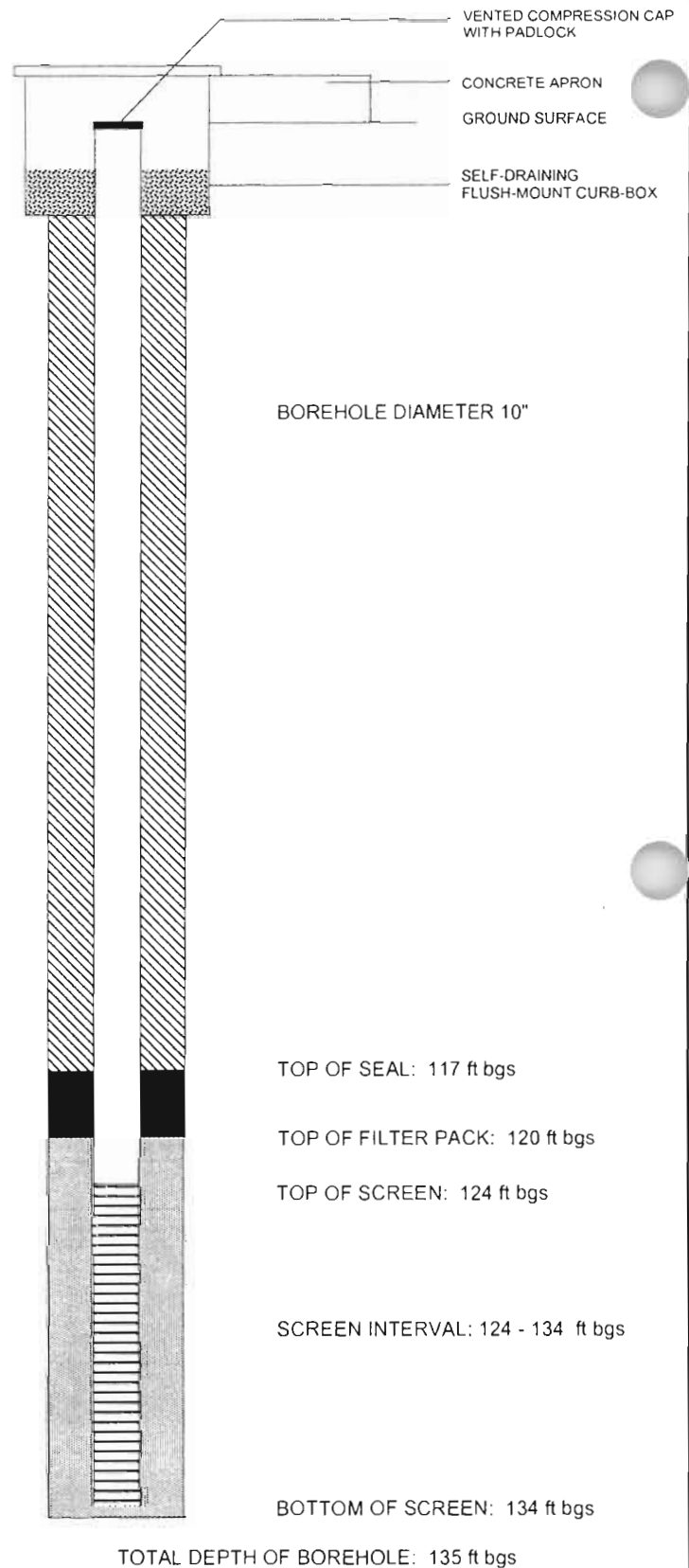
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 114.80 ft below TOC (6/11/03)

REMARKS:

raw.com template-stainless.srf



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Contamination Site
Phase II
Smithtown, New York

Well ID: MW-A

Location: Woodcrest Drive cul-de-sac, Nissequogue

Geologist: A. Steinhauß (PWGC)

Drilling Dates: May 11 through 14, 2001

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10

Drilling Method: Hollow Stem Auger 4.25" ID

MP Elevation: 133.58 ft. amsl (TOC)

North: 267420.90 East: 1209559.80

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 2" Diameter, Schedule 40 PVC

Riser Casing: 2" Diameter, Schedule 40 PVC

Measurements

Riser Pipe Length: 140 ft

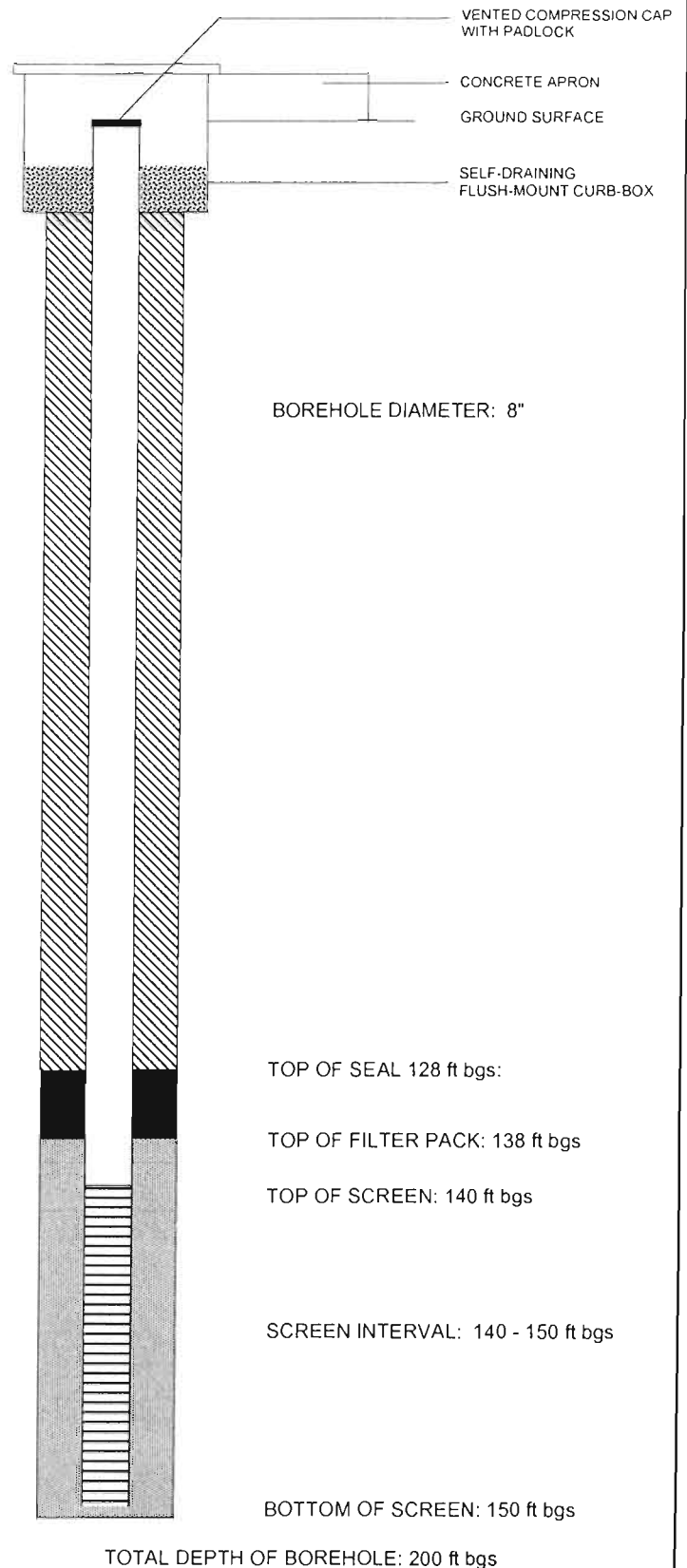
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 112.59 ft below TOC (3/19/02)

REMARKS:

mw con template-pvc.srf



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-C

Location: Moriches Road R-O-W, 215 ft southeast of Frog Hollow

Geologist: S. Richardson

Drilling Dates: May 15 through 16, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10

Drilling Method: Hollow Stem Auger 4.25" ID

MP Elevation: 161.51 ft. amsl (TOC)

North: 264743.85 East: 1210618.02

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 2" Diameter, Schedule 40 PVC

Riser Casing: 2" Diameter, Schedule 40 PVC

Measurements

Riser Pipe Length: 167 ft

Screen Length: 10 ft

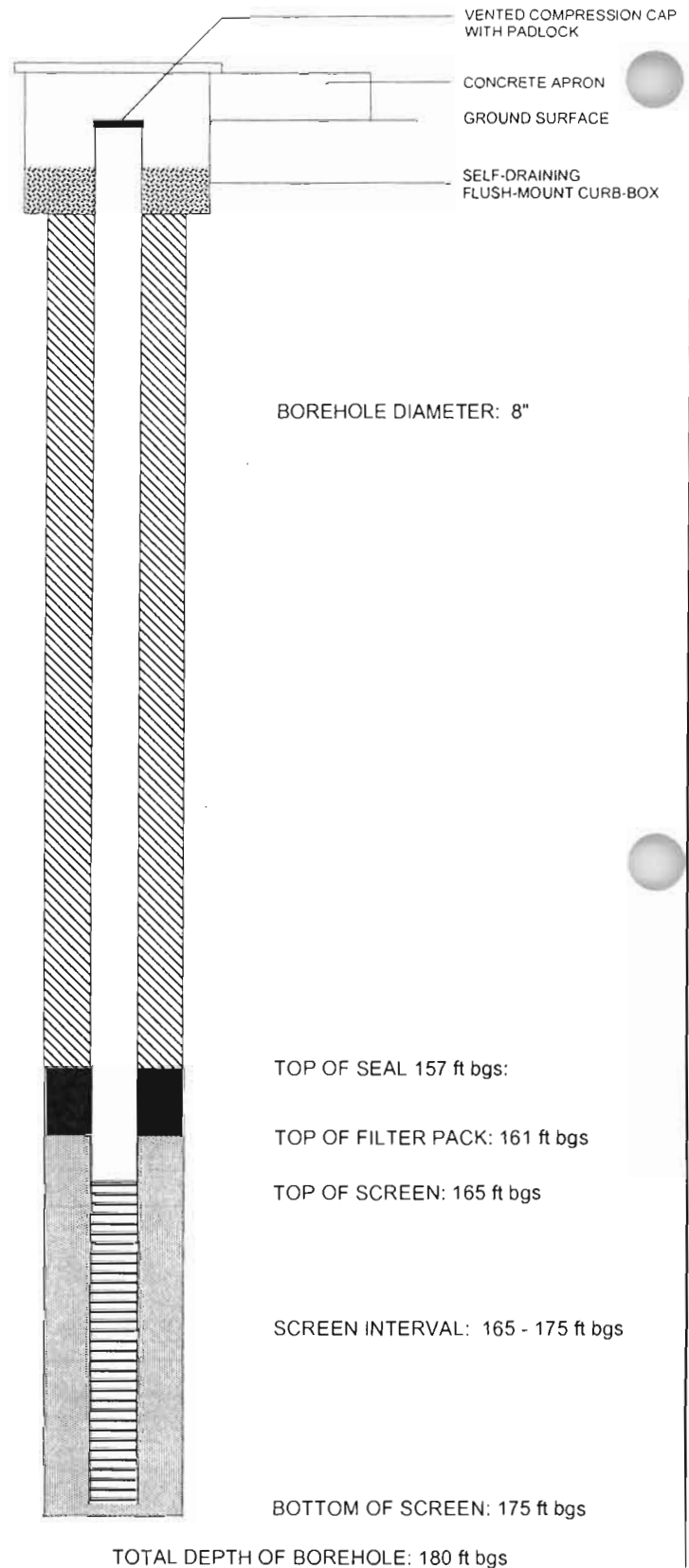
Screen Slot Size: 0.010 in

Depth to Water: 145.31 ft below TOC (3/19/02)

REMARKS:

Monitoring well was originally finished with a standpipe, cut down and refinished with a flush-mount, resurveyed on 3/4/02

rwg con template-pvc.srt



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-D

Location: Old Mill Road R-O-W, xxx ft north of Highwoods Court
Nissequogue

Geologist: A. Steinhauß (PWGC)

Drilling Dates: May 1 through 7, 2001

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10

Drilling Method: Hollow Stem Auger 4.25" ID

MP Elevation: 94.17 ft. amsl (TOC)

North: 261521.10 East: 1209708.25

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 2" Diameter, Schedule 40 PVC

Riser Casing: 2" Diameter, Schedule 40 PVC

Measurements

Riser Pipe Length: 186 ft

Screen Length: 10 ft

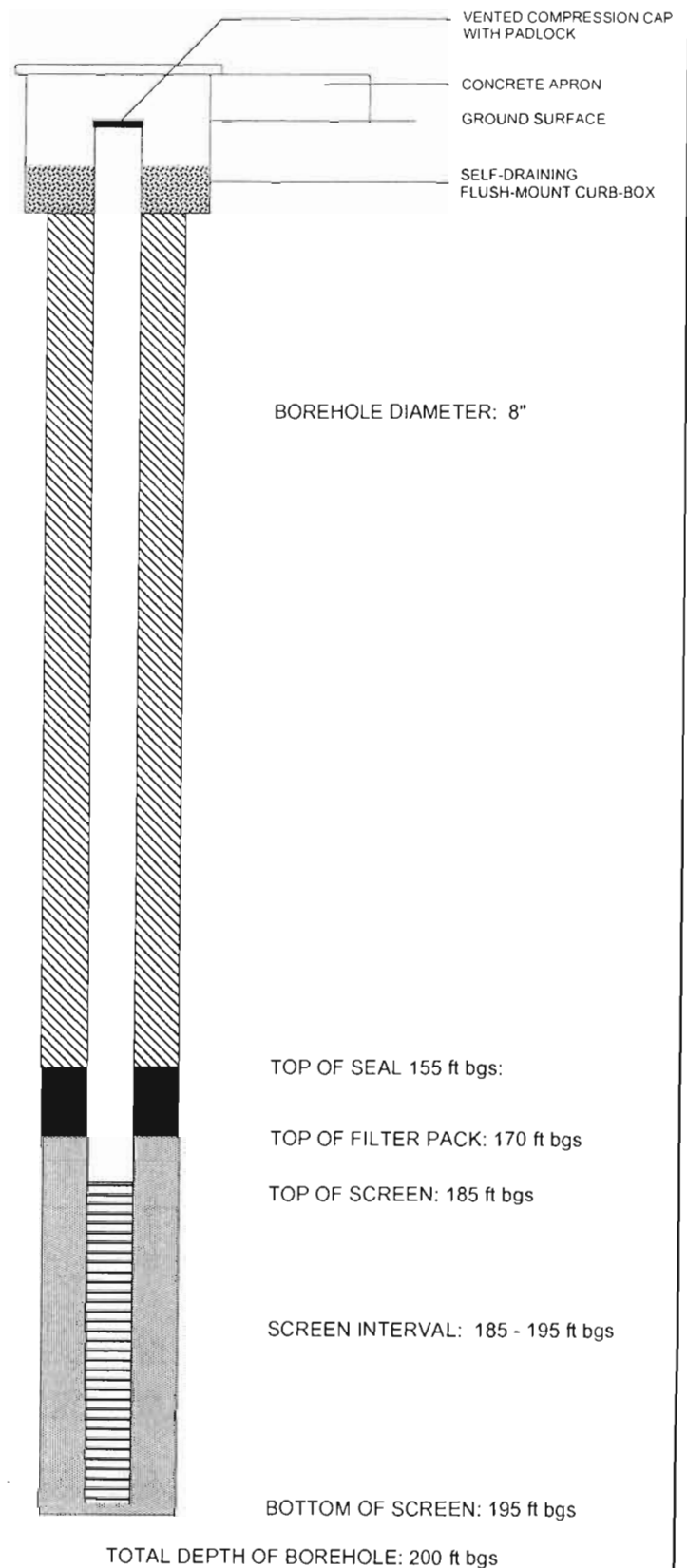
Screen Slot Size: 0.010 in

Depth to Water: 75.28 ft below TOC (3/19/02)

REMARKS:

Monitoring well finished with a standpipe

mw.con.template-pvc.srf



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-E

Location: Moriches Road R-O-W, 215 ft southeast of Frog Hollow

Geologist: S. Richardson

Drilling Dates: May 11 through 15, 2001

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10

Drilling Method: Hollow Stem Auger 4.25" ID

MP Elevation: 161.13 ft. amsl (TOC)

North: 264751.18 East: 1210613.80

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 2" Diameter, Schedule 40 PVC

Riser Casing: 2" Diameter, Schedule 40 PVC

Measurements

Riser Pipe Length: 235 ft

Screen Length: 10 ft

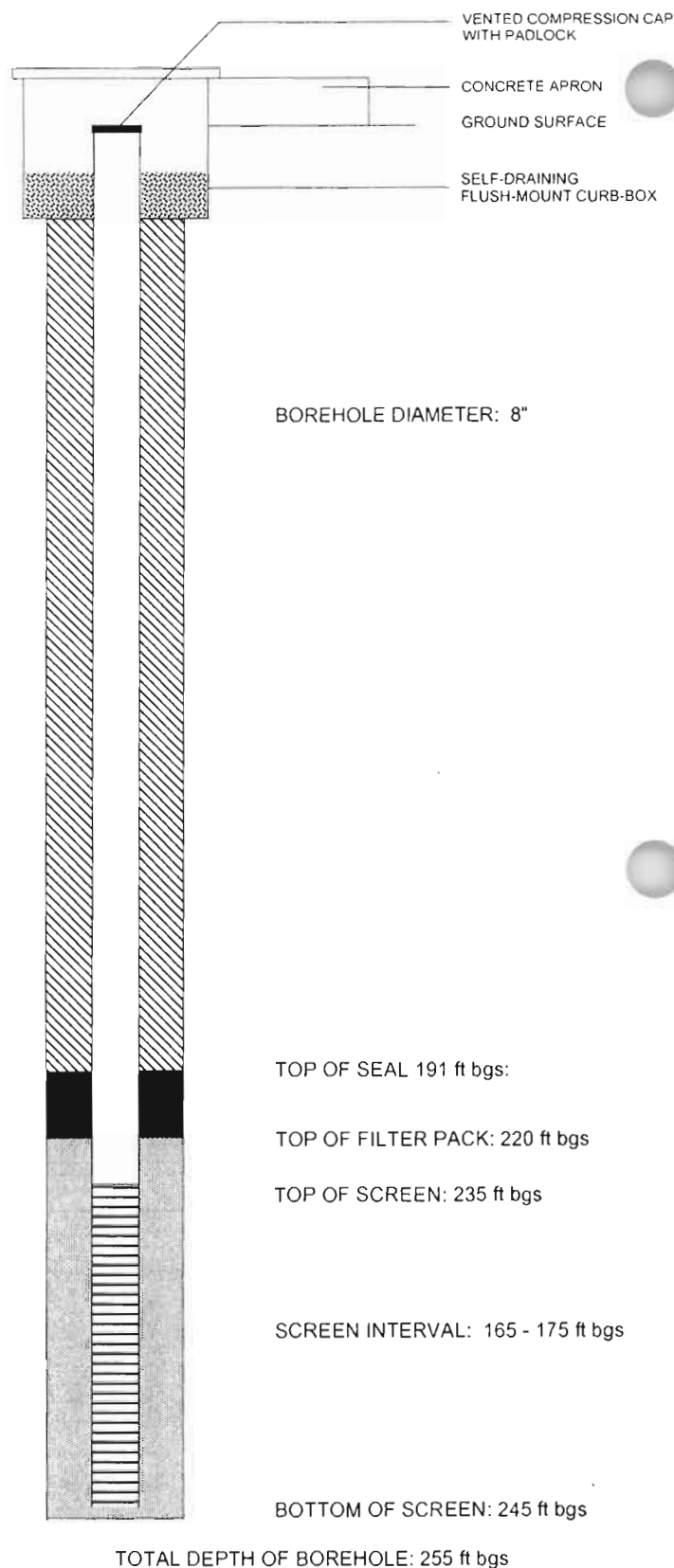
Screen Slot Size: 0.010 in

Depth to Water: 144.92 ft below TOC (3/19/02)

REMARKS:

Monitoring well was originally finished as standpipe, cut down and refinished with a flush-mount, resurveyed on 3/4/02

mwe.con/template-pvc.srf



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-F

Location: Smithtown Middle School Track Parking Lot
Woodlawn Avenue, Smithtown

Geologist: A. Steinhauß (PWGC)

Drilling Dates: May 15 through 16, 2001

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10

Drilling Method: Hollow Stem Auger 4.25" ID

MP Elevation: 146.28 ft. amsl (TOC)

North: 258578.22 East: 121454.71

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 2" Diameter, Schedule 40 PVC

Riser Casing: 2" Diameter, Schedule 40 PVC

Measurements

Riser Pipe Length: 187 ft

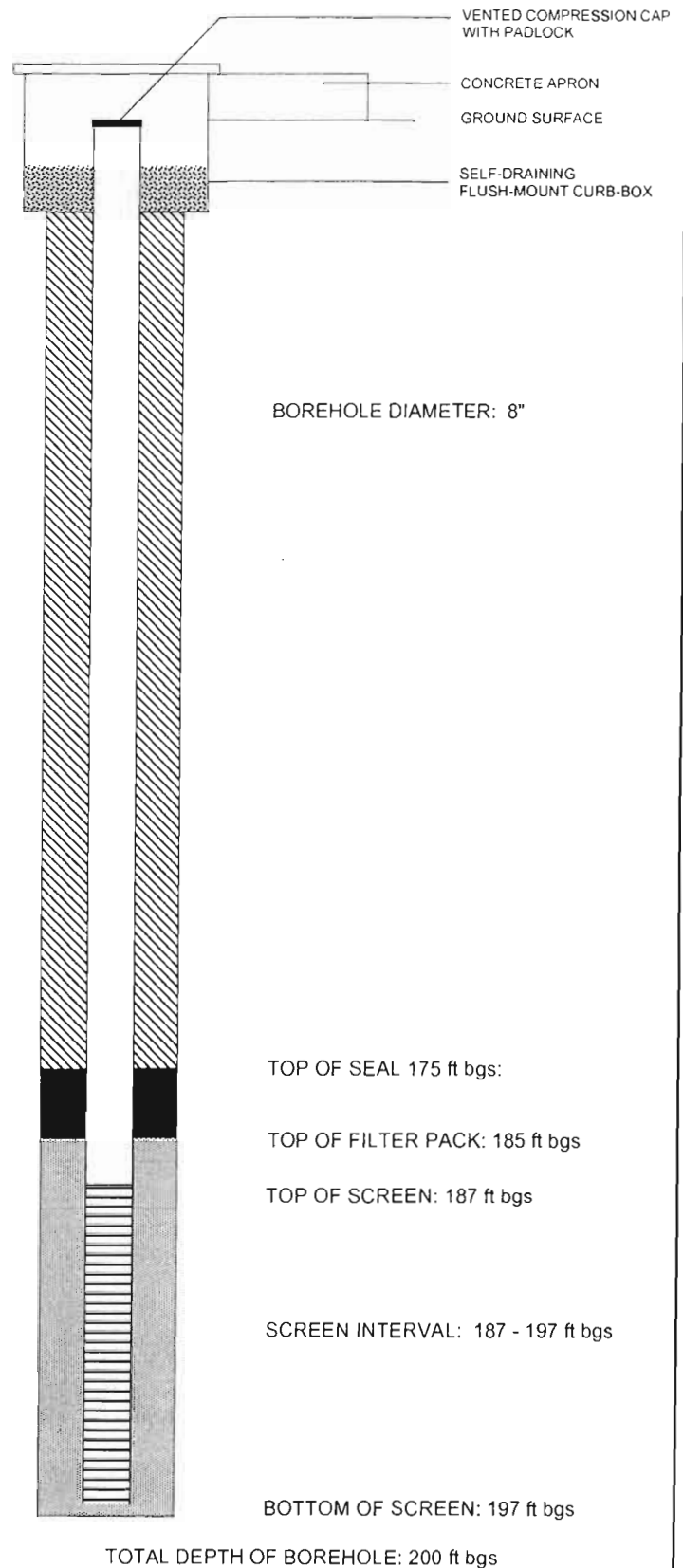
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 119.62 ft below TOC (3/19/02)

REMARKS:

mw con template-pvc.drf



CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Well ID: MW-G

Location: Moriches Road R-O-W, 215 ft southeast of Frog Hollow

Geologist: M. Rodriguez (PWGC)

Drilling Dates: Feb 26 through 28, 2002

Drilling Subcontractor: Aquifer Drilling & Testing

Drilling Rig: F-10

Drilling Method: Hollow Stem Auger 3.25" ID

MP Elevation: 161.07 ft. amsl (TOC)

North: 264742.70 East: 1210623.31

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Morie Sand

Well Construction Materials

Screen: 2" Diameter, Schedule 40 PVC

Riser Casing: 2" Diameter, Schedule 40 PVC

Measurements

Riser Pipe Length: 290 ft

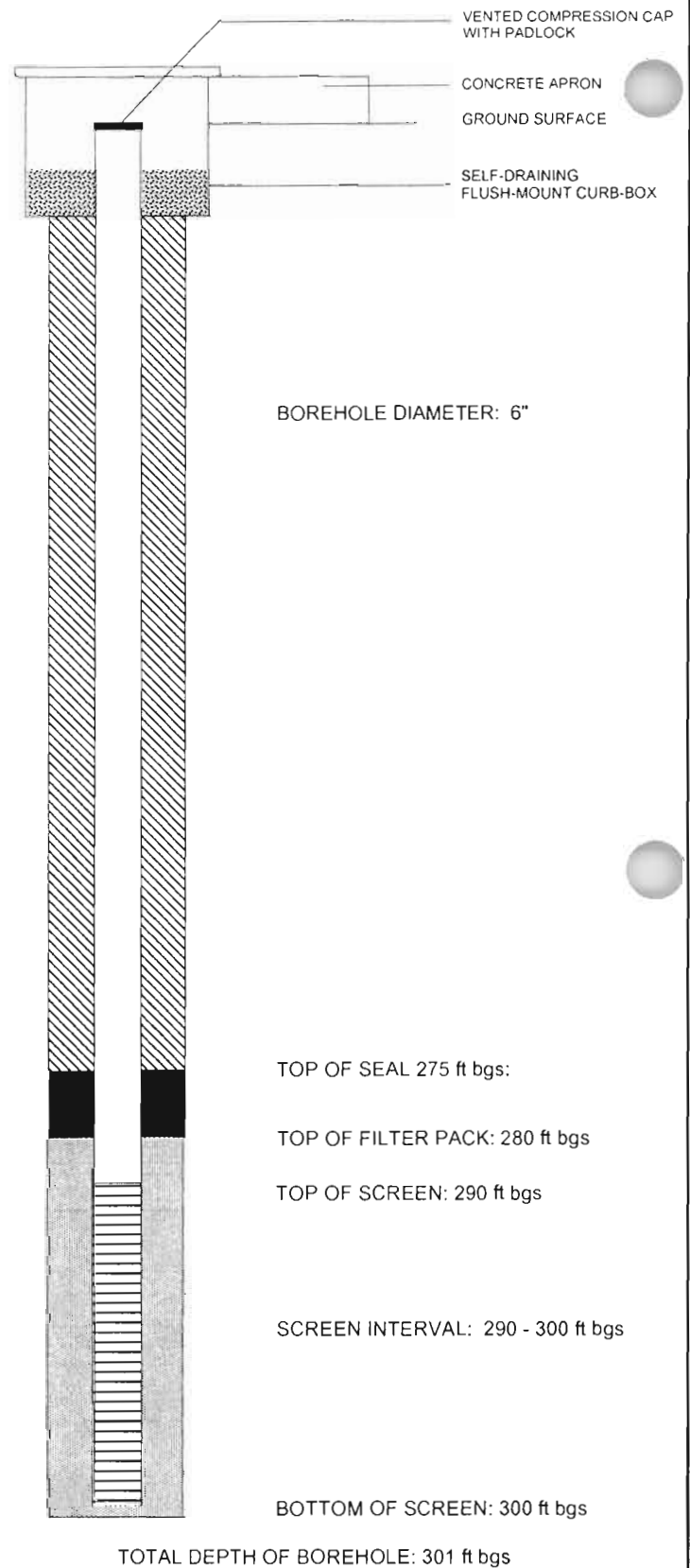
Screen Length: 10 ft

Screen Slot Size: 0.010 in

Depth to Water: 144.52 ft below TOC (3/19/02)

REMARKS:

mwc-con-template-pvc.srf



NOT TO SCALE

CDM.

A Subsidiary of Camp Dresser & McKee

Monitoring Well Construction Diagram
Smithtown Groundwater Investigation Site
Phase I
Smithtown, New York

Appendix D

Gamma Logs

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 1

Boring Name: MW-1/VPW-19

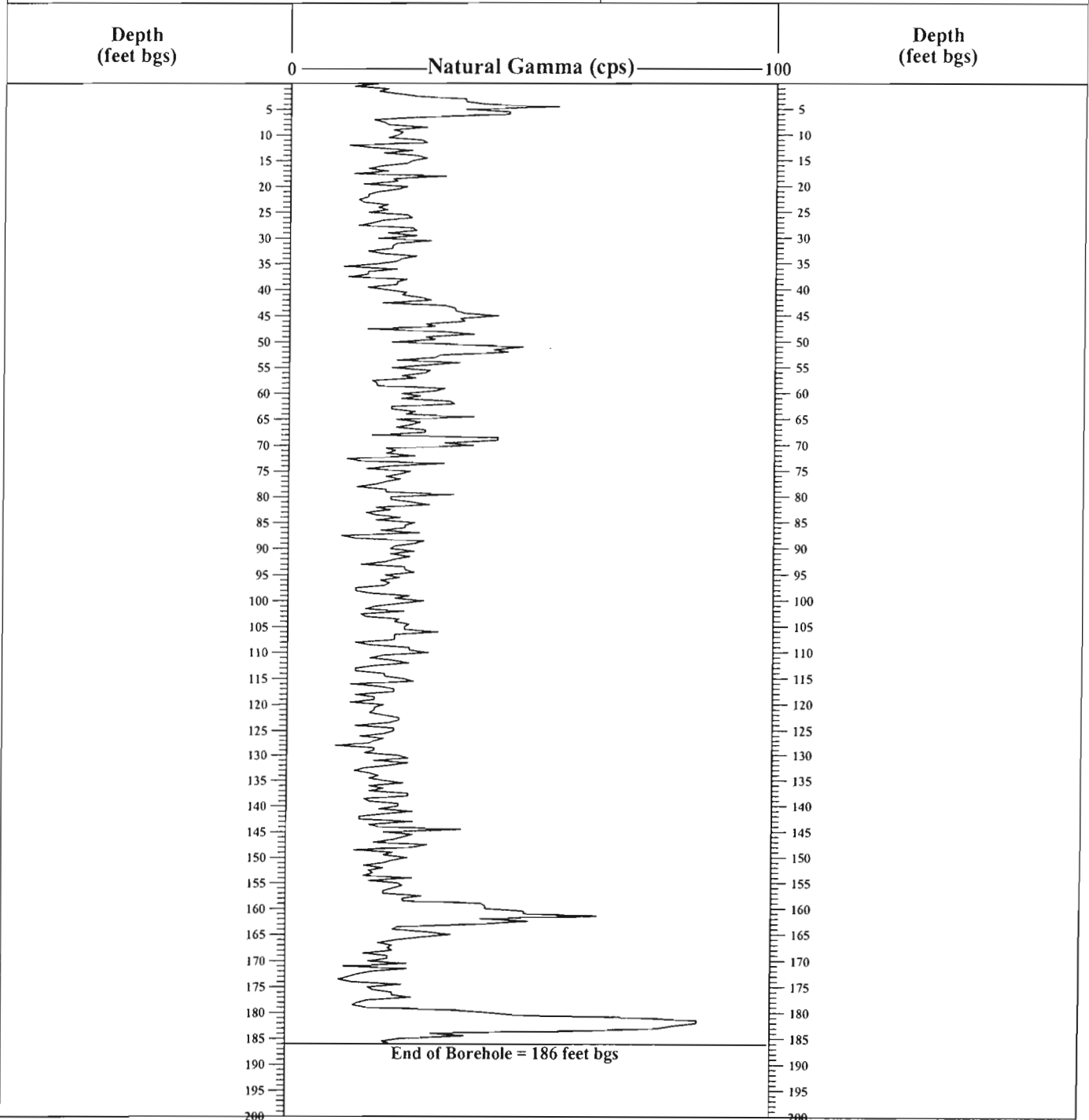
Boring Location: 15 Quail Path
Nissequoque

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 4/4/01
Interval Recorded: 0-186 ft. bgs
North: **East:**
Surface Elevation: 100 ft. amsl

Casing Interval: ft. bgs
Total Depth: 186 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTN.GPJ FEDERAL.GDT 6/5/02

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 2

Boring Name: MW-2/VPW-18

Boring Location: 320 Old Mill Rd.
Nissequogue

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 4/5/01
Interval Recorded: 0-244.5 ft. bgs
North: **East:**
Surface Elevation: 168 ft. amsl

Casing Interval: ft. bgs
Total Depth: 244.5 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson

Depth
(feet bgs)

0

Natural Gamma (cps)

100

Depth
(feet bgs)

5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
165
170
175
180
185
190
195
200



5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
165
170
175
180
185
190
195
200

Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

CDM

A Subsidiary of Camp Dresser & McKee

Page 2 of 2

Boring Name: MW-2/VPW-18

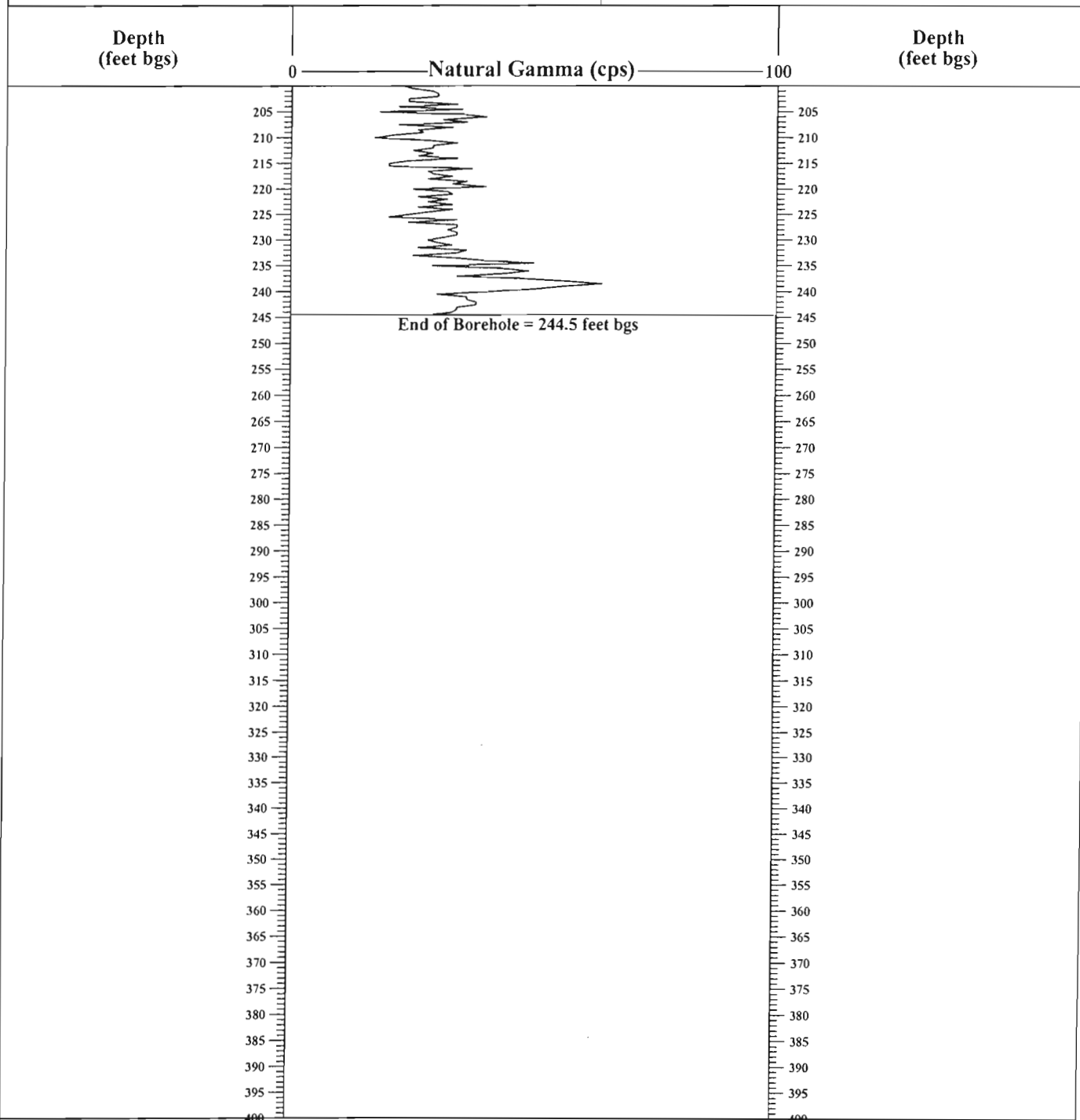
Boring Location: 320 Old Mill Rd.
Nissequogue

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 4/5/01
Interval Recorded: 0-244.5 ft. bgs
North: **East:**
Surface Elevation: 168 ft. amsl

Casing Interval: ft. bgs
Total Depth: 244.5 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTWN.GPJ FEDERAL.GDT 6/5/02

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 2

Boring Name: MW-3

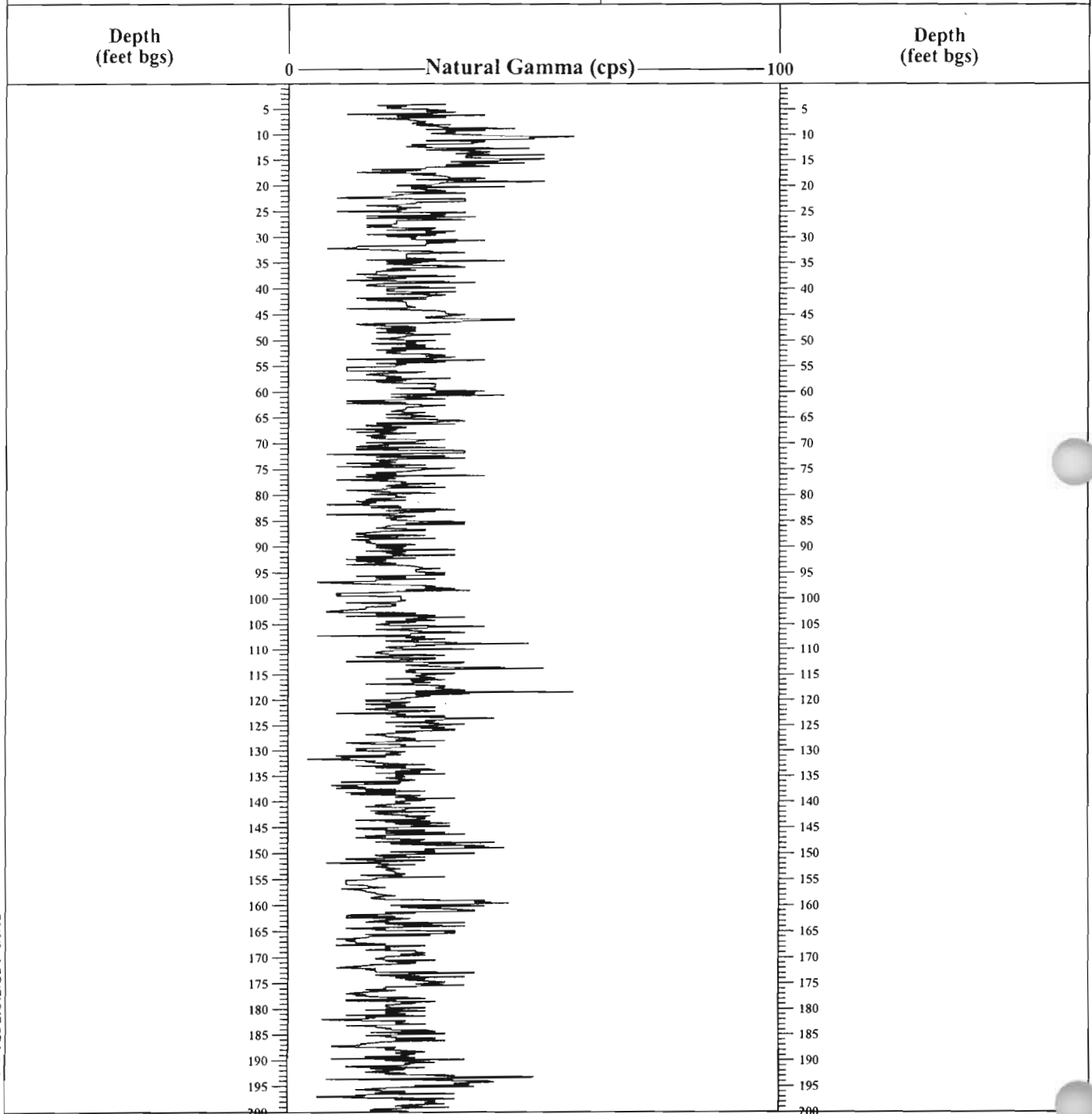
Boring Location: 29 Branglebrink Rd.
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 2/15/02
Interval Recorded: 0-205.2 ft. bgs
North: **East:**
Surface Elevation: 168 ft. amsl

Casing Interval: ft. bgs
Total Depth: 205.2 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: J. DeFranco



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHWN.GPJ FEDERAL.GDT 6/5/02



A Subsidiary of Camp Dresser & McKee

Boring Name: MW-3

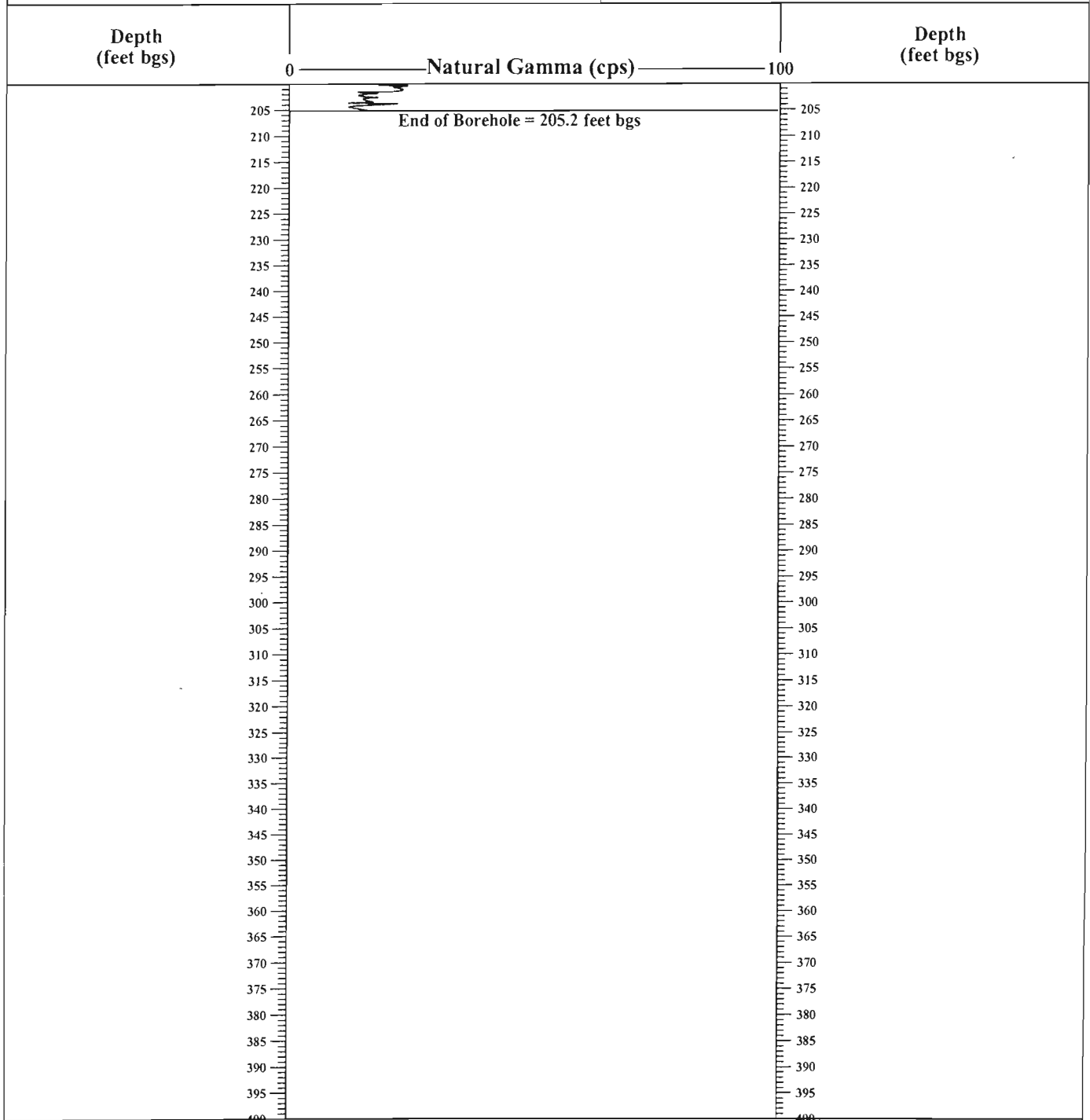
Boring Location: 29 Branglebrink Rd.
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 2/15/02
Interval Recorded: 0-205.2 ft. bgs
North: **East:**
Surface Elevation: 168 ft. amsl

Casing Interval: ft. bgs
Total Depth: 205.2 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: J. DeFranco



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 2

Boring Name: MW-4

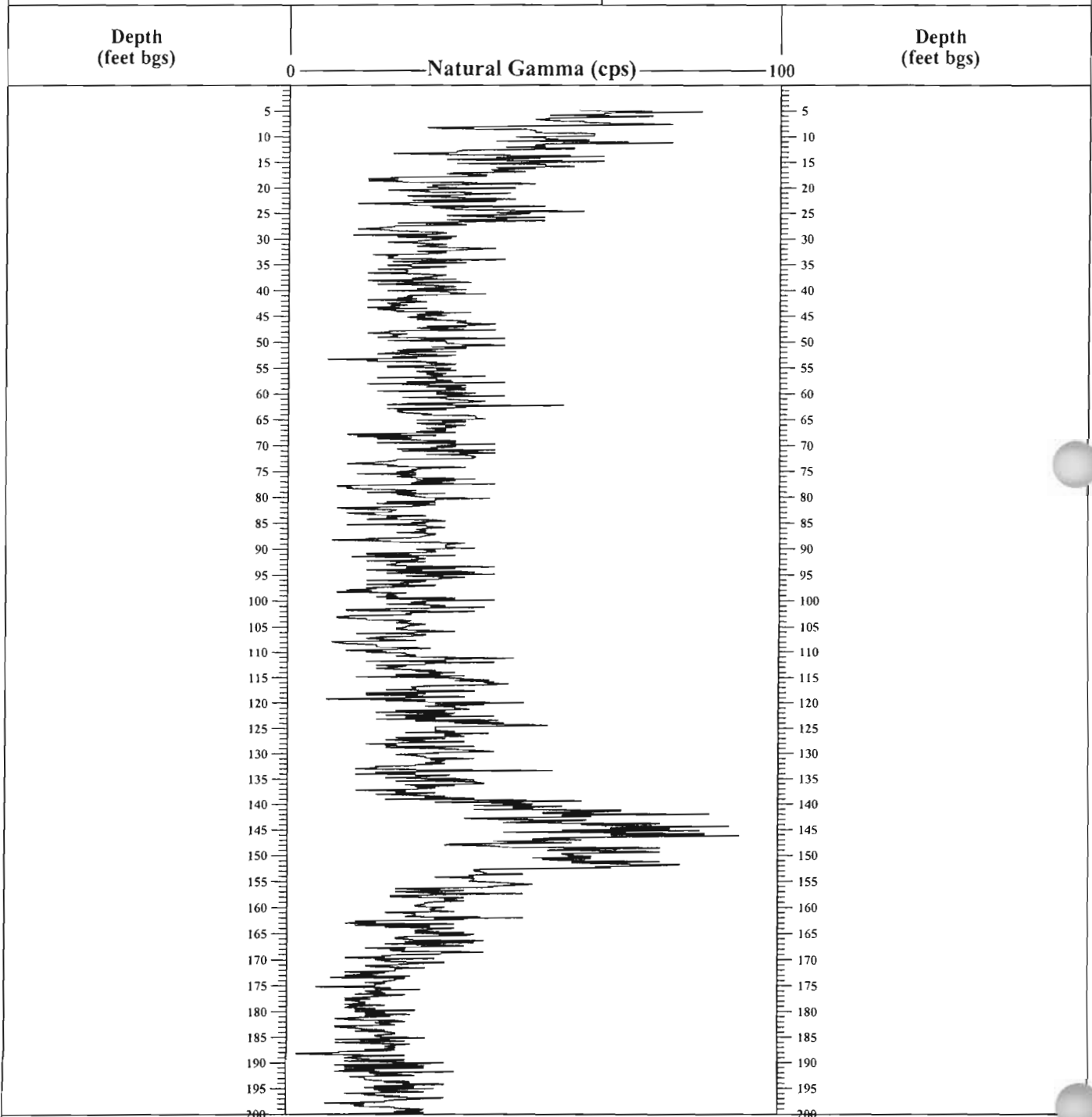
Boring Location: Moriches/Fifty Acre
Rds. Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 2/14/02
Interval Recorded: 0-247.6 ft. bgs
North: **East:**
Surface Elevation: 178 ft. amsl

Casing Interval: ft. bgs
Total Depth: 247.6 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: J. DeFranco



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from top to bottom of borehole.

NGAMMA-DOWN SMITHTWN.GPJ FEDERAL GDT 6/5/02

Boring Name: MW-4

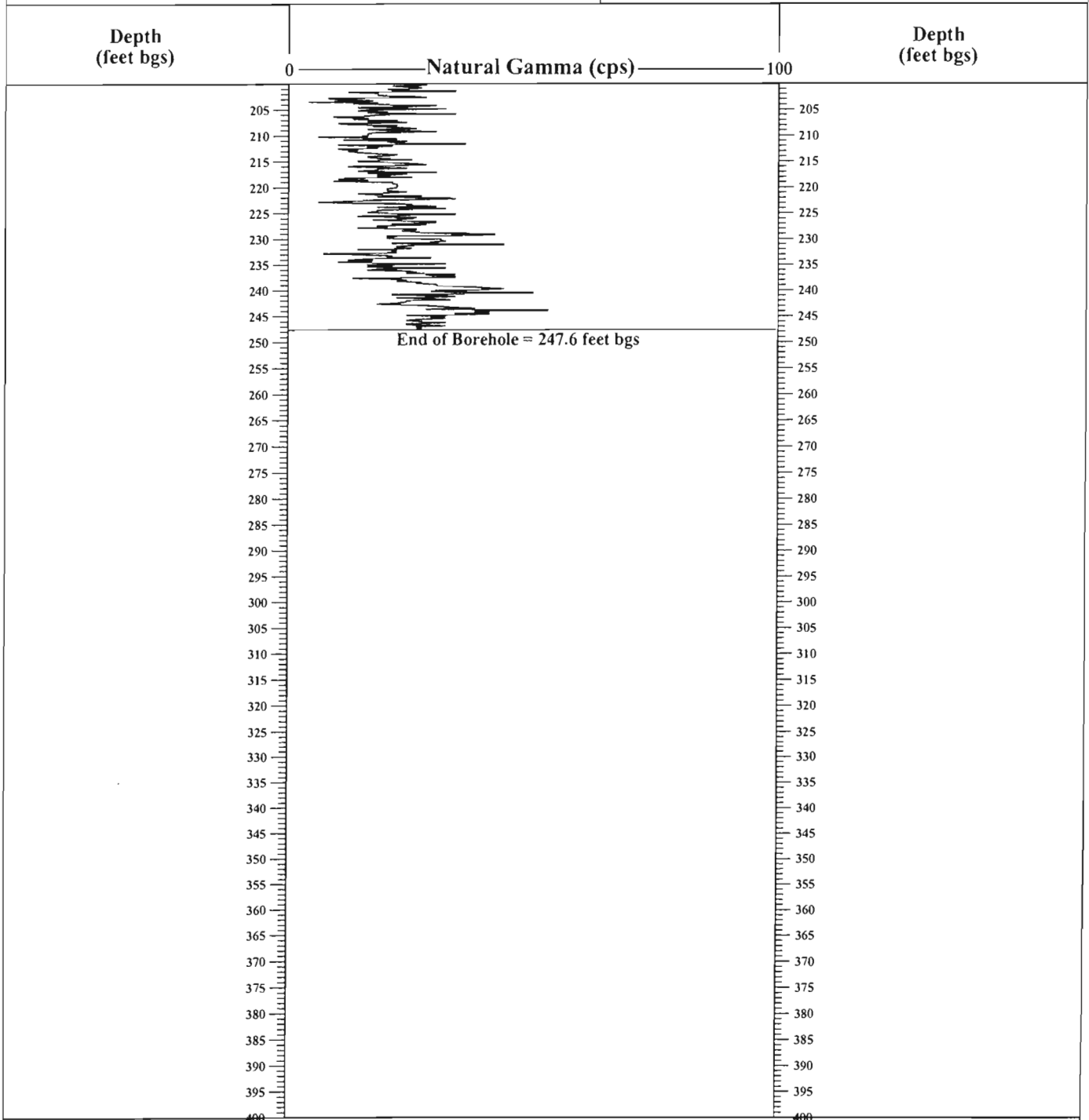
Boring Location: Moriches/Fifty Acre
Rds. Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 2/14/02
Interval Recorded: 0-247.6 ft. bgs
North: **East:**
Surface Elevation: 178 ft. amsl

Casing Interval: ft. bgs
Total Depth: 247.6 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: J. DeFranco



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from top to bottom of borehole.

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 1

Boring Name: MW-5/VPW-25

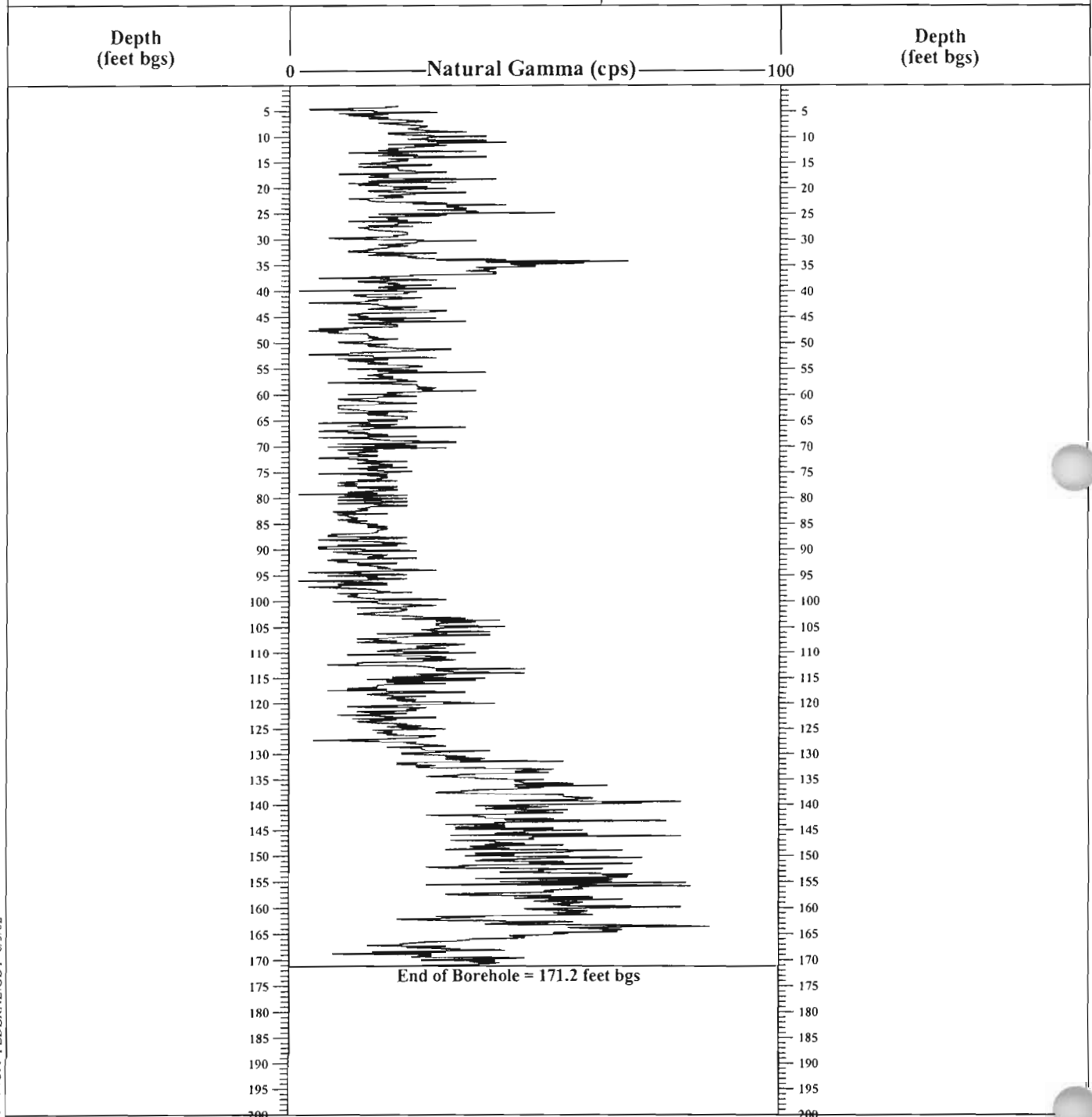
Boring Location: Harbor/Harbor Hill
Rds. Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 1/28/02
Interval Recorded: 0-171.2 ft. bgs
North: **East:**
Surface Elevation: 14 ft. amsl

Casing Interval: ft. bgs
Total Depth: 171.2 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: J. DeFranco



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTN.GPJ FEDERAL.GDT 6/5/02

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 2

Boring Name: MW-6

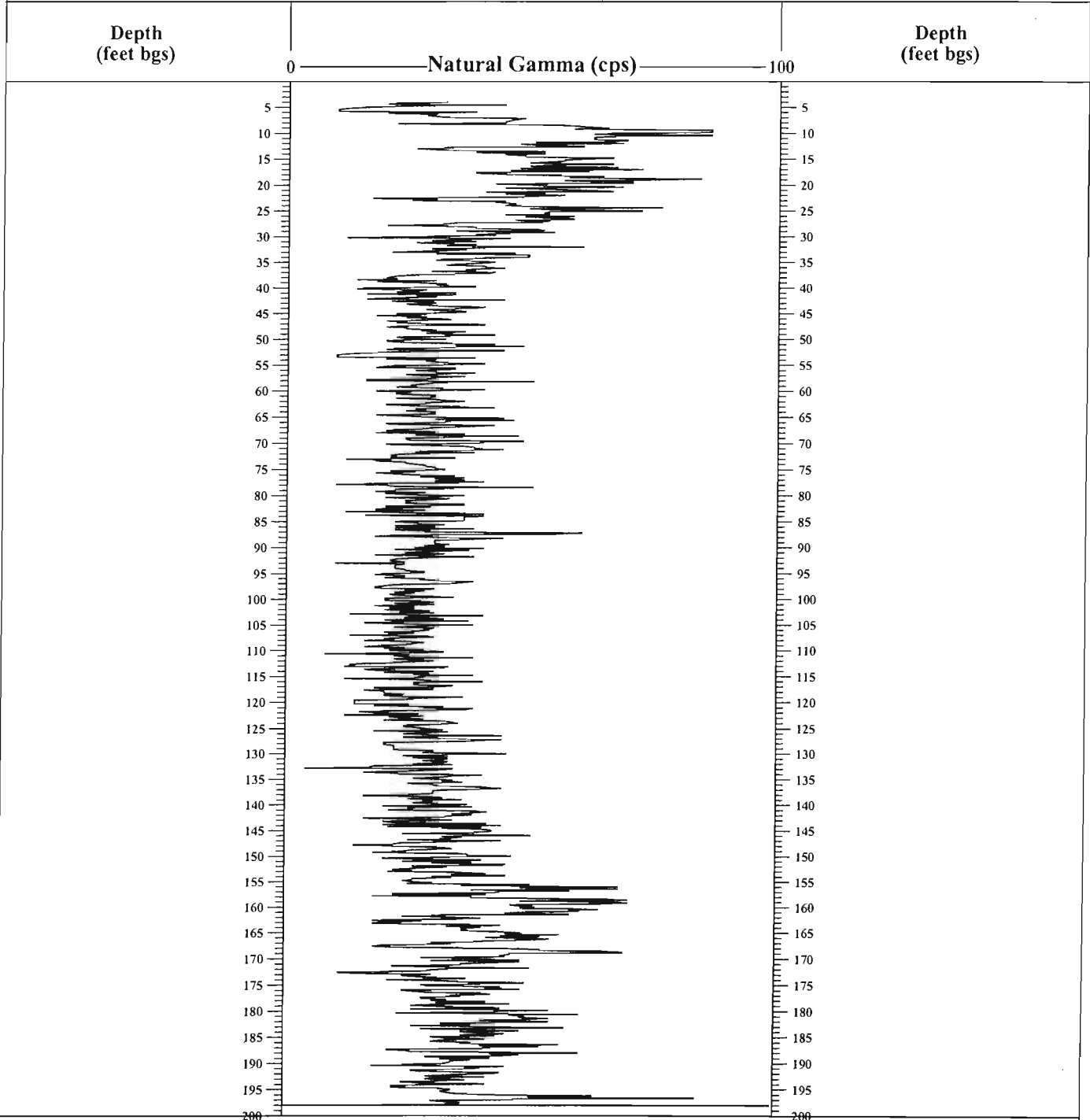
Boring Location: 17 Pinoak Lane
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 2/4/02
Interval Recorded: 0-198 ft. bgs
North: **East:**
Surface Elevation: 176 ft. amsl

Casing Interval: ft. bgs
Total Depth: 198 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: J DeFranco



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTWN.GPJ FEDERAL.GDT 6/5/02

CDM

A Subsidiary of Camp Dresser & McKee

Page 2 of 2

Boring Name: MW-6

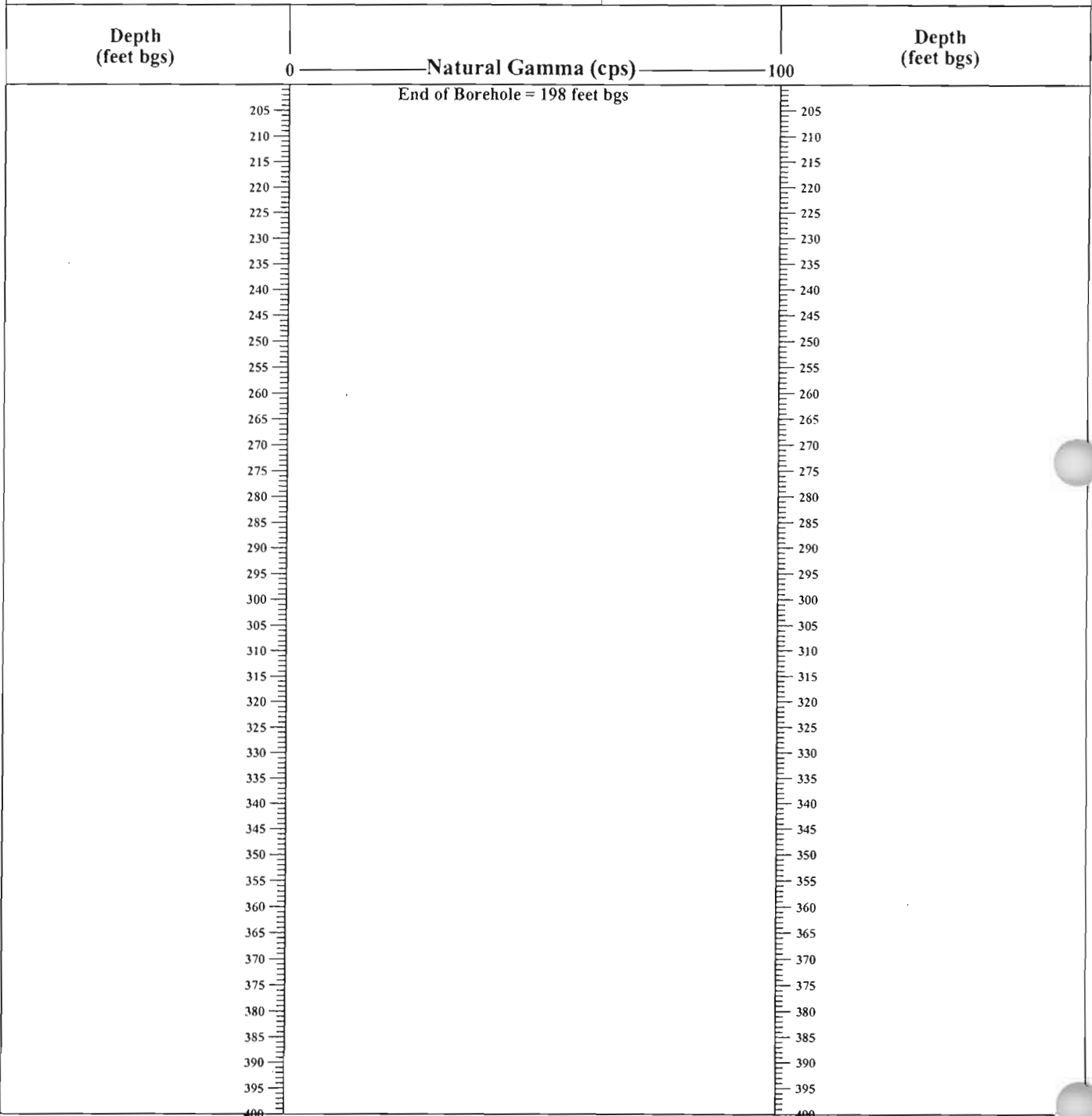
Boring Location: 17 Pinoak Lane
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 2/4/02
Interval Recorded: 0-198 ft. bgs
North: **East:**
Surface Elevation: 176 ft. amsl

Casing Interval: ft. bgs
Total Depth: 198 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: J DeFranco



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTWN.GPJ FEDERAL.GDT 6/5/02

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 1

Boring Name: MW-A

Boring Location: Woodcrest Drive
Nissequoque

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log

Date Conducted: 5/11/01

Interval Recorded: 0-190 ft. bgs

North: **East:**

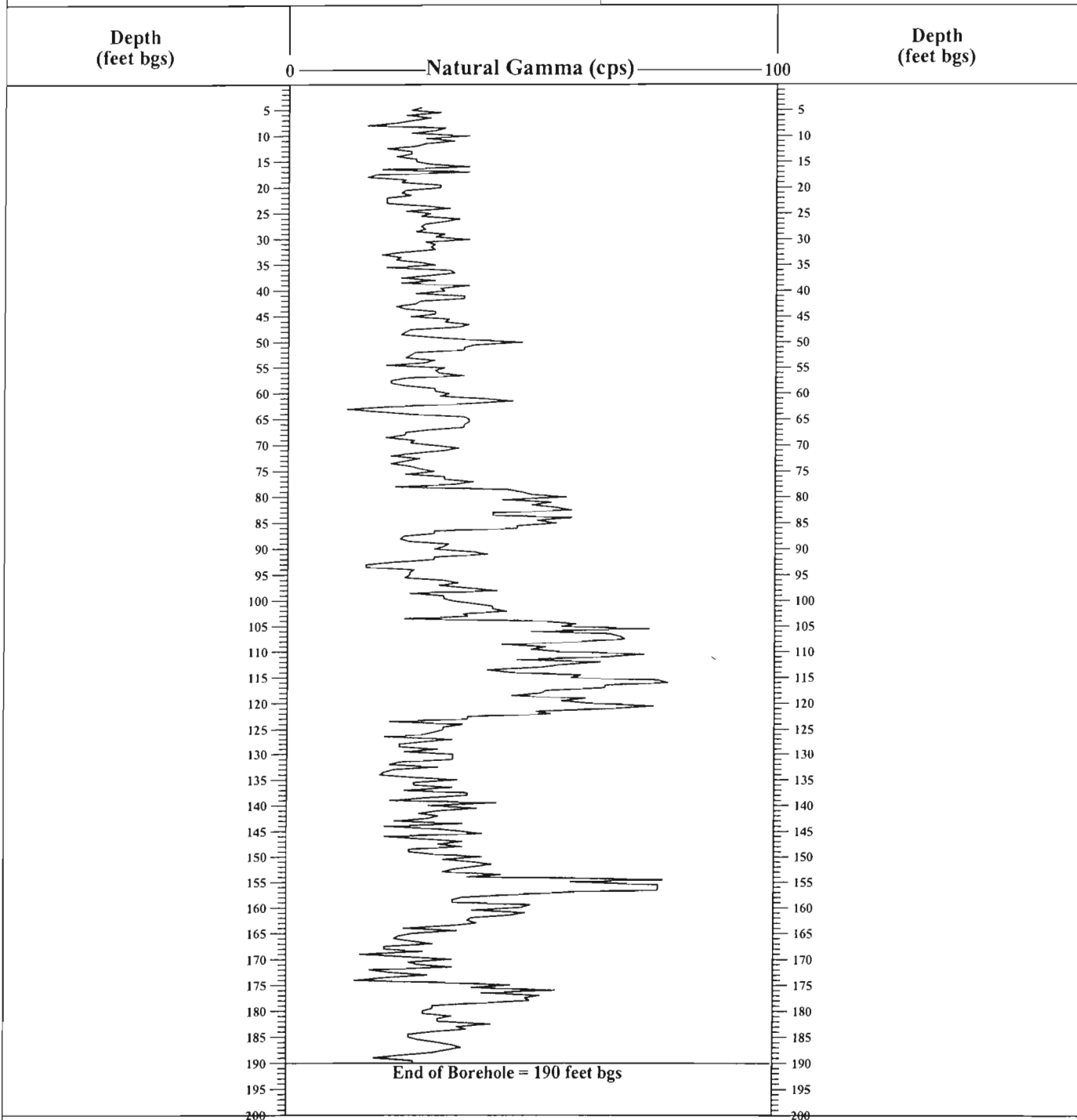
Surface Elevation: 133 ft. amsl

Casing Interval: ft. bgs

Total Depth: 190 ft. bgs

Depth to Initial Water Level (ft. bgs): N/A

Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from top to bottom of borehole.

NGAMMA-DOWN SMITHTWN.GPJ FEDERAL.GDT 6/5/02

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 1

Boring Name: MW-D

Boring Location: Old Mill Road
Nissequogue

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log

Date Conducted: 5/4/01

Interval Recorded: 0-192 ft. bgs

North: **East:**

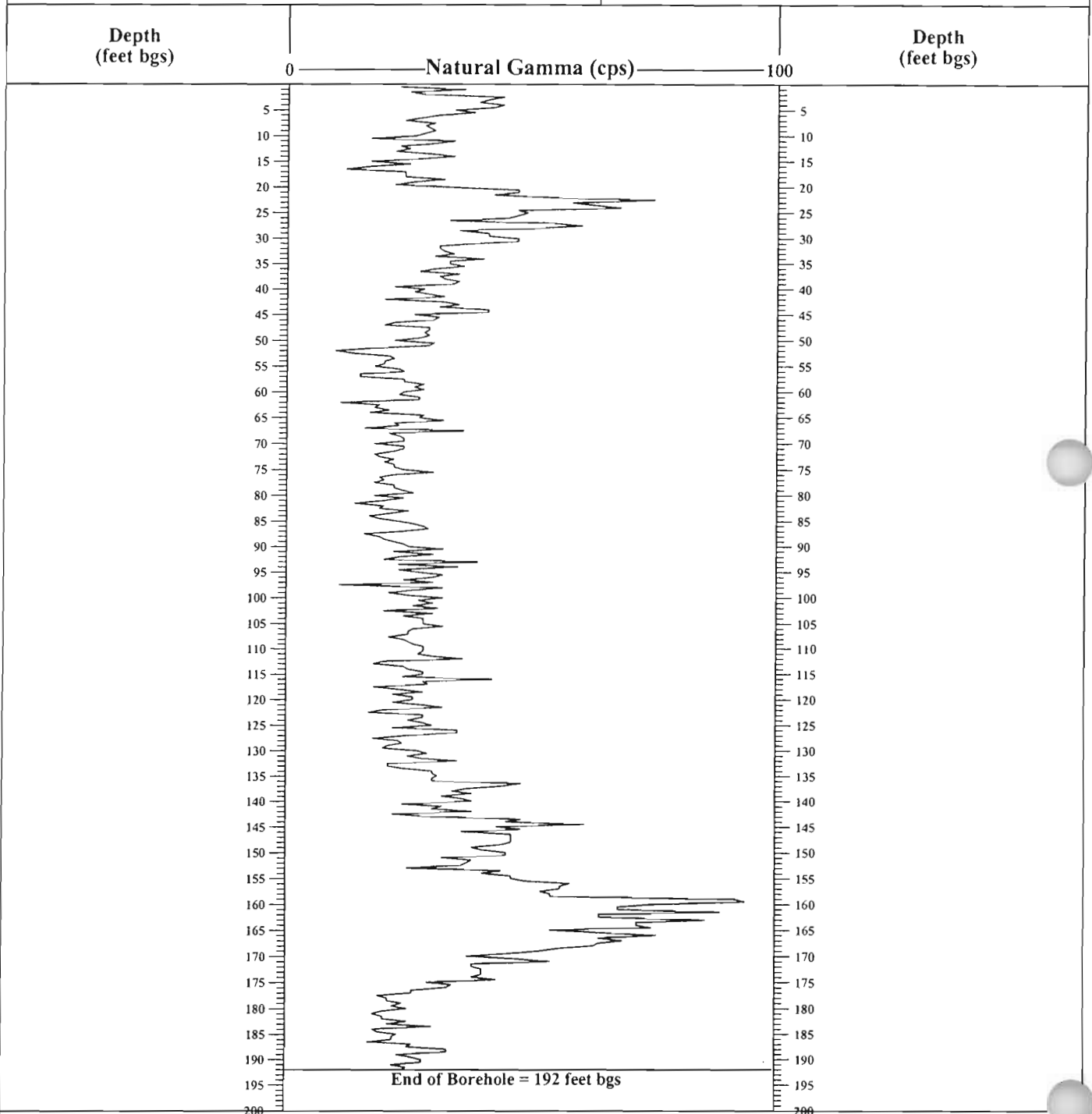
Surface Elevation: 91 ft. amsl

Casing Interval: ft. bgs

Total Depth: 192 ft. bgs

Depth to Initial Water Level (ft. bgs): N/A

Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTWN.GPJ FEDERAL.GDT 6/5/02

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 2

Boring Name: MW-G

Boring Location: Moriches Road
Nissequogue

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log

Date Conducted: 2/28/02

Interval Recorded: 0-305.4 ft. bgs

North: **East:**

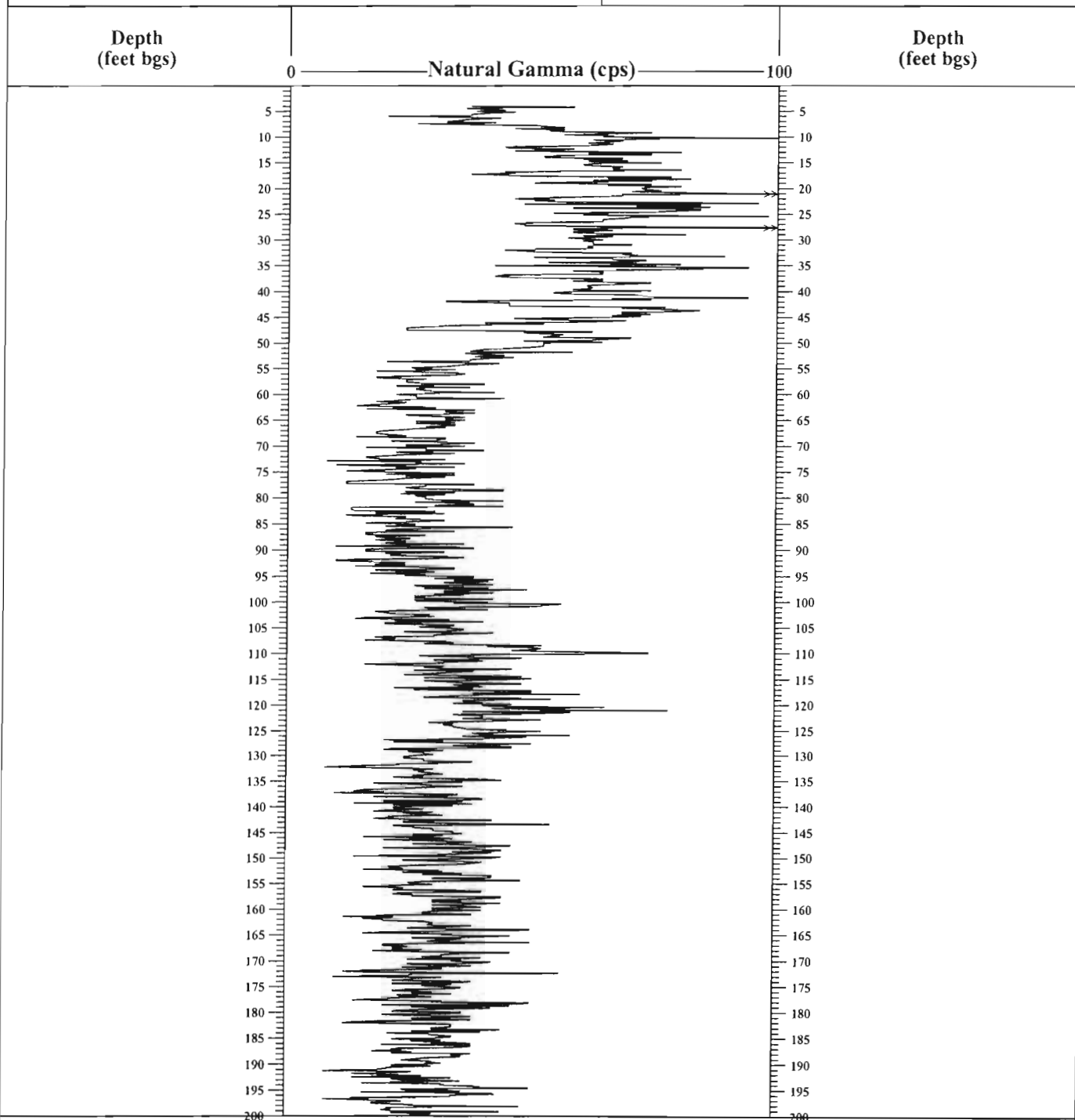
Surface Elevation: 161 ft. amsl

Casing Interval: ft. bgs

Total Depth: 305.4 ft. bgs

Depth to Initial Water Level (ft. bgs): N/A

Logged by: J. DeFranco



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTWN.GPJ FEDERAL.GDT 6/5/02

Boring Name: MW-G

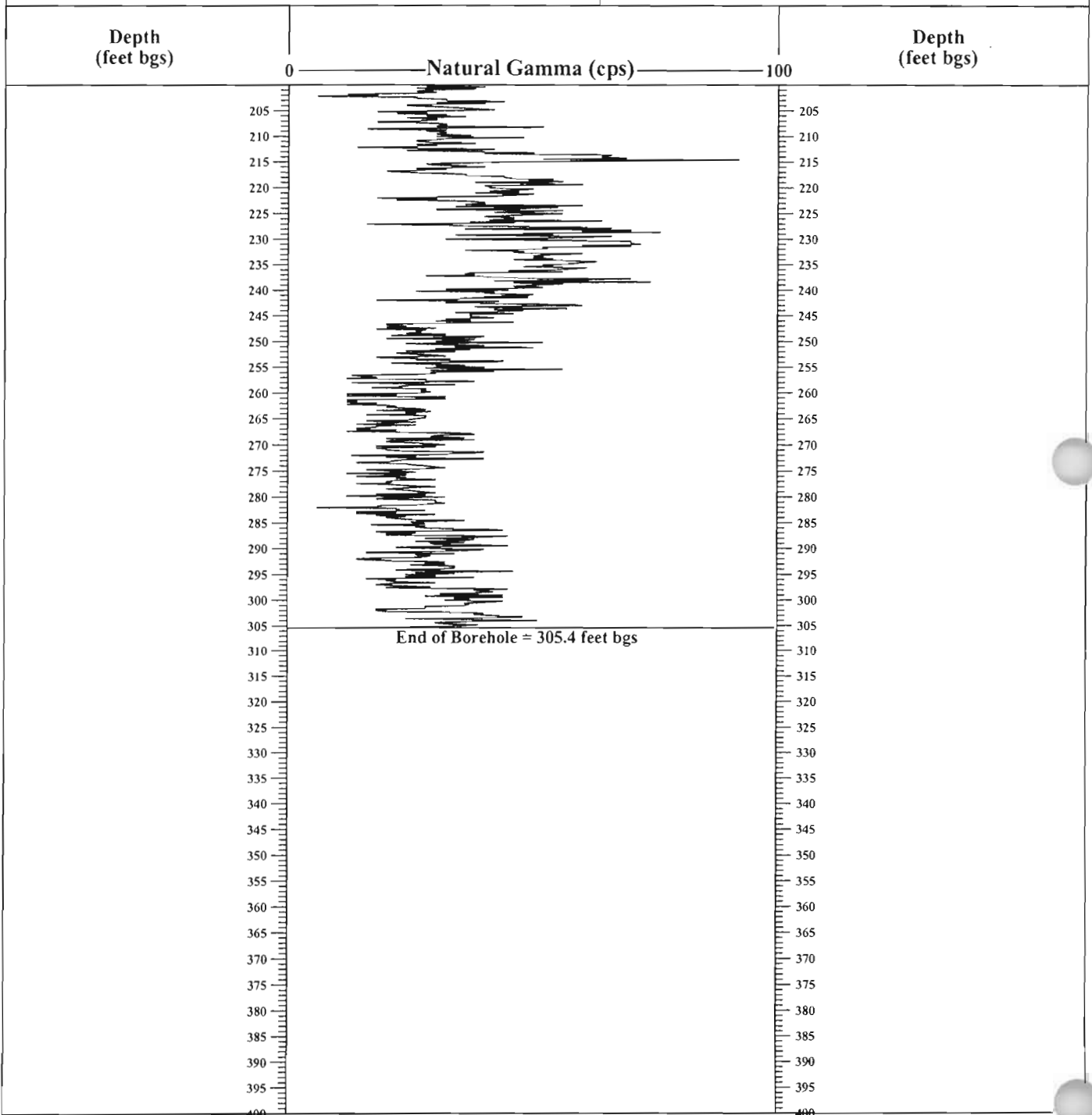
Boring Location: Moriches Road
Nissequoque

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 2/28/02
Interval Recorded: 0-305.4 ft. bgs
North: **East:**
Surface Elevation: 161 ft. amsl

Casing Interval: ft. bgs
Total Depth: 305.4 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: J. DeFranco



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 2

Boring Name: VPW-12

Boring Location: Sachem Hill Road
Smithtown

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log

Date Conducted: 4/18/01

Interval Recorded: 0-235 ft. bgs

North: **East:**

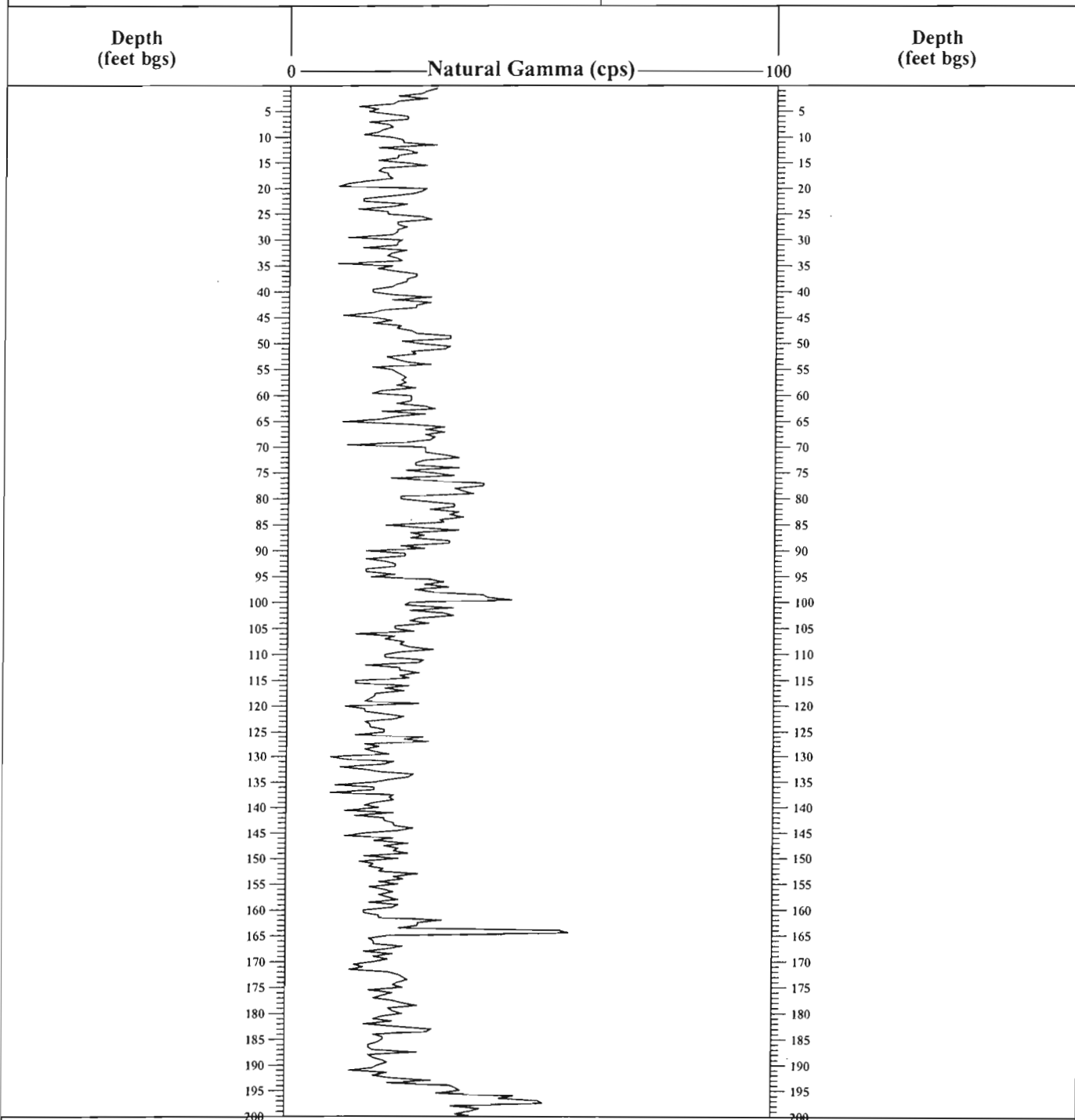
Surface Elevation: 138 ft. amsl

Casing Interval: ft. bgs

Total Depth: 235 ft. bgs

Depth to Initial Water Level (ft. bgs): N/A

Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

Boring Name: VPW-12

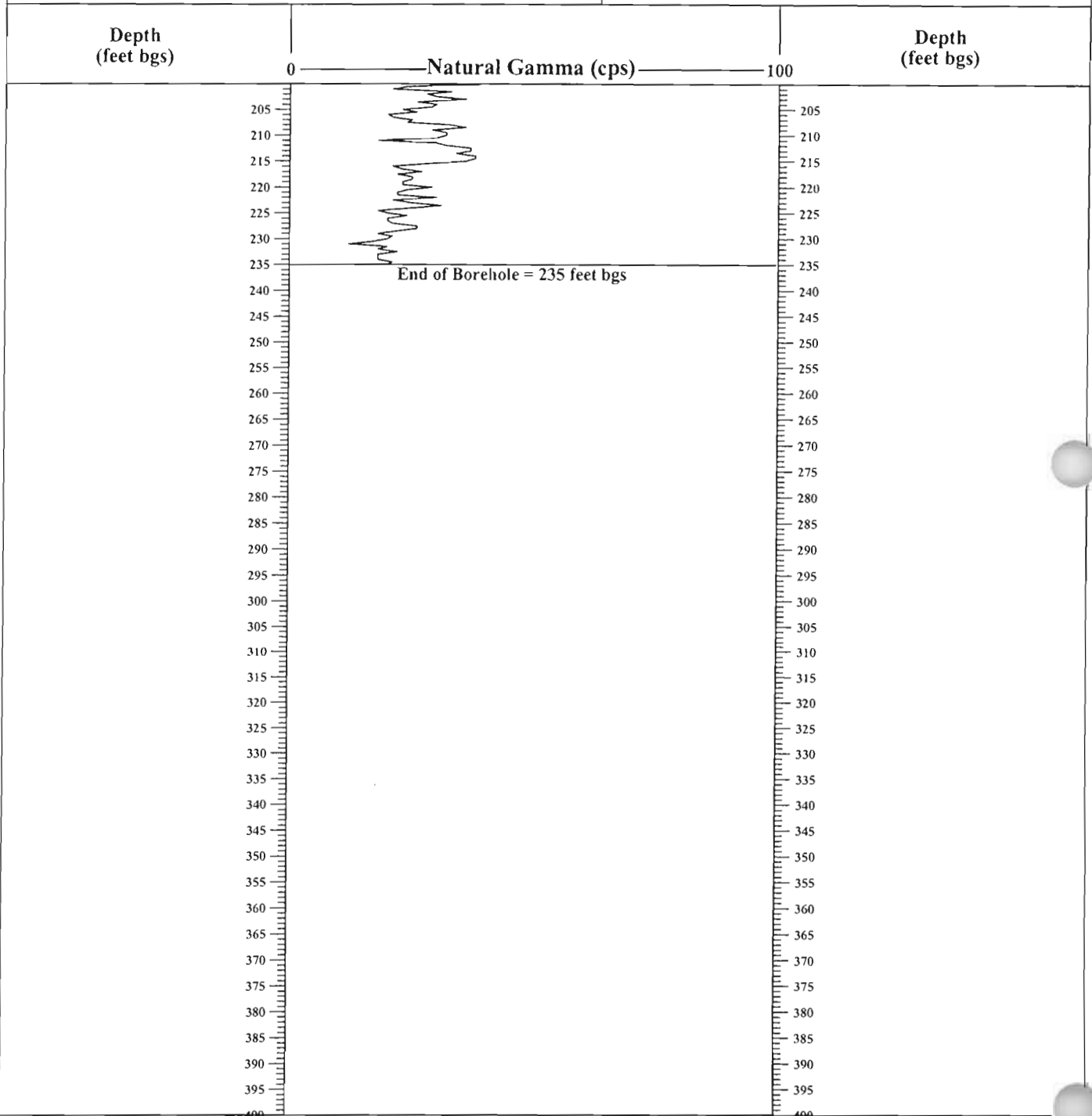
Boring Location: Sachem Hill Road
Smithtown

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 4/18/01
Interval Recorded: 0-235 ft. bgs
North: **East:**
Surface Elevation: 138 ft. amsl

Casing Interval: ft. bgs
Total Depth: 235 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 2

Boring Name: VPW-14

Boring Location: Highwoods Court
Smithtown

Client: U.S. Environmental Protection Agency

Project Location: Smithtown, New York

Project Name: Smithtown Groundwater

Project Number: 3220-012

Borehole Test: Natural Gamma Log

Date Conducted: 4/16/01

Interval Recorded: 0-240.5 ft. bgs

North: **East:**

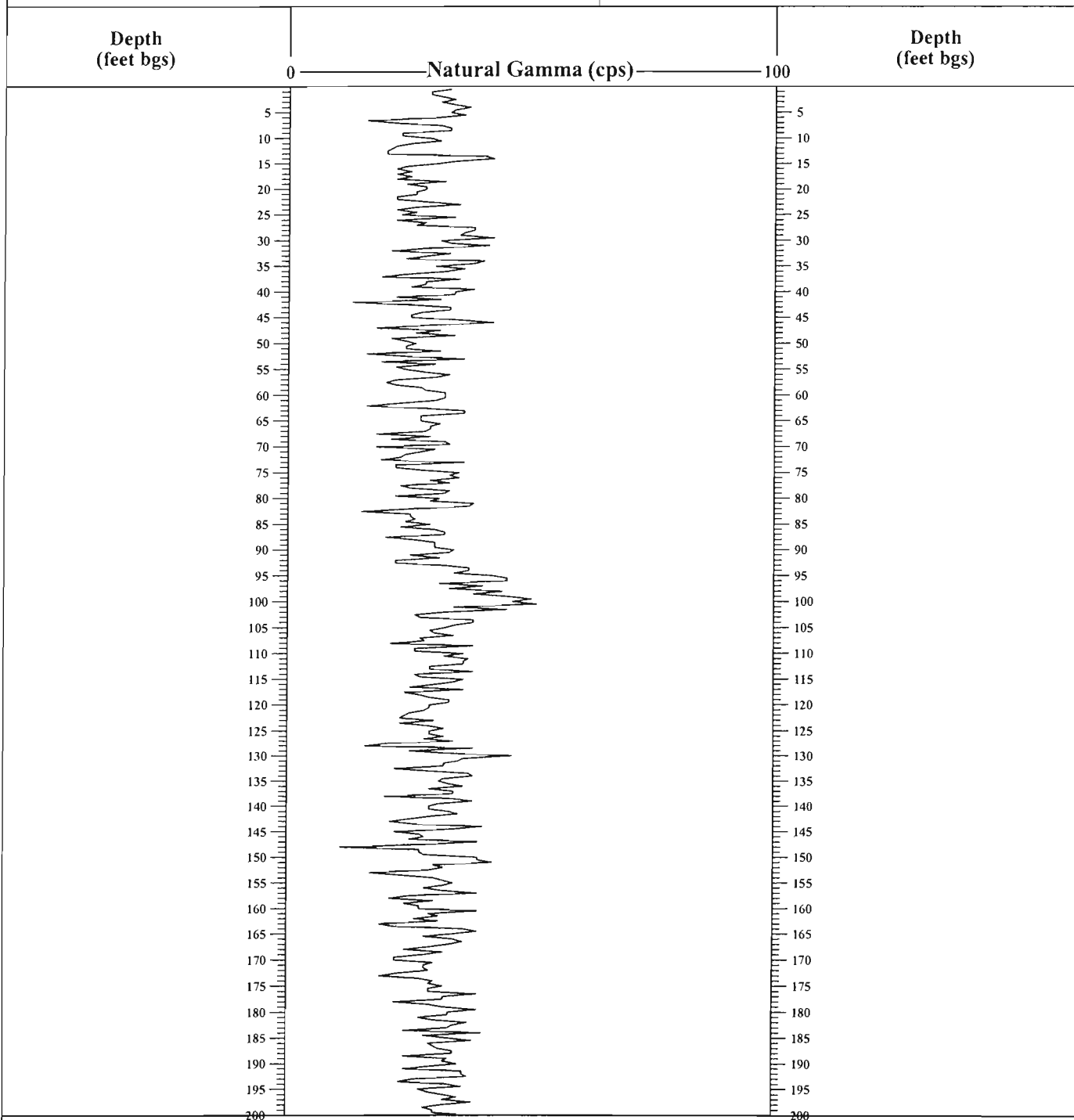
Surface Elevation: 157 ft. amsl

Casing Interval: ft. bgs

Total Depth: 240.5 ft. bgs

Depth to Initial Water Level (ft. bgs): N/A

Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTWN.GPJ FEDERAL.GDT 6/5/02



A Subsidiary of Camp Dresser & McKee

Boring Name: VPW-14

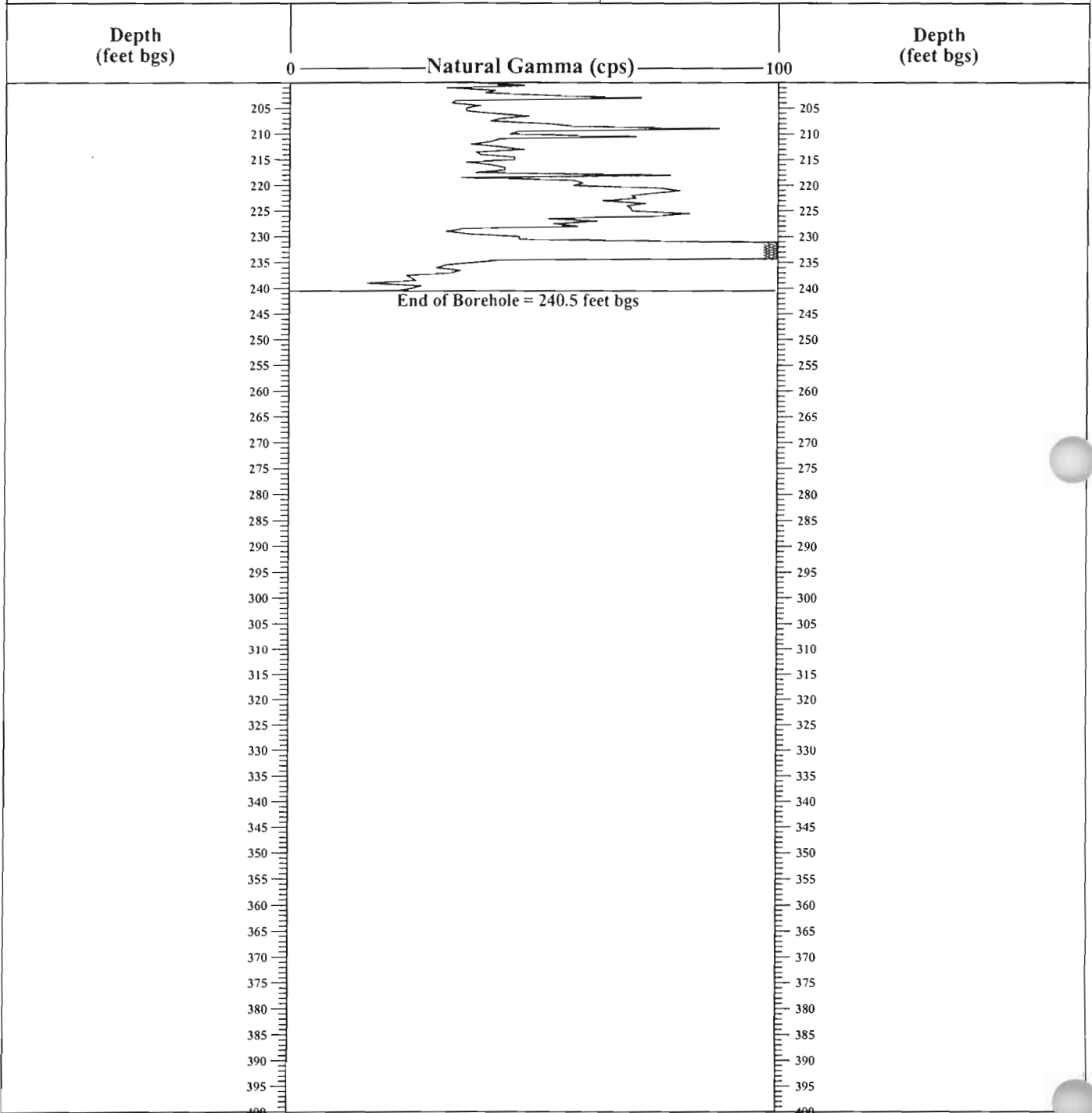
Boring Location: Highwoods Court
Smithtown

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 4/16/01
Interval Recorded: 0-240.5 ft. bgs
North: **East:**
Surface Elevation: 157 ft. amsl

Casing Interval: ft. bgs
Total Depth: 240.5 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 2

Boring Name: VPW-15

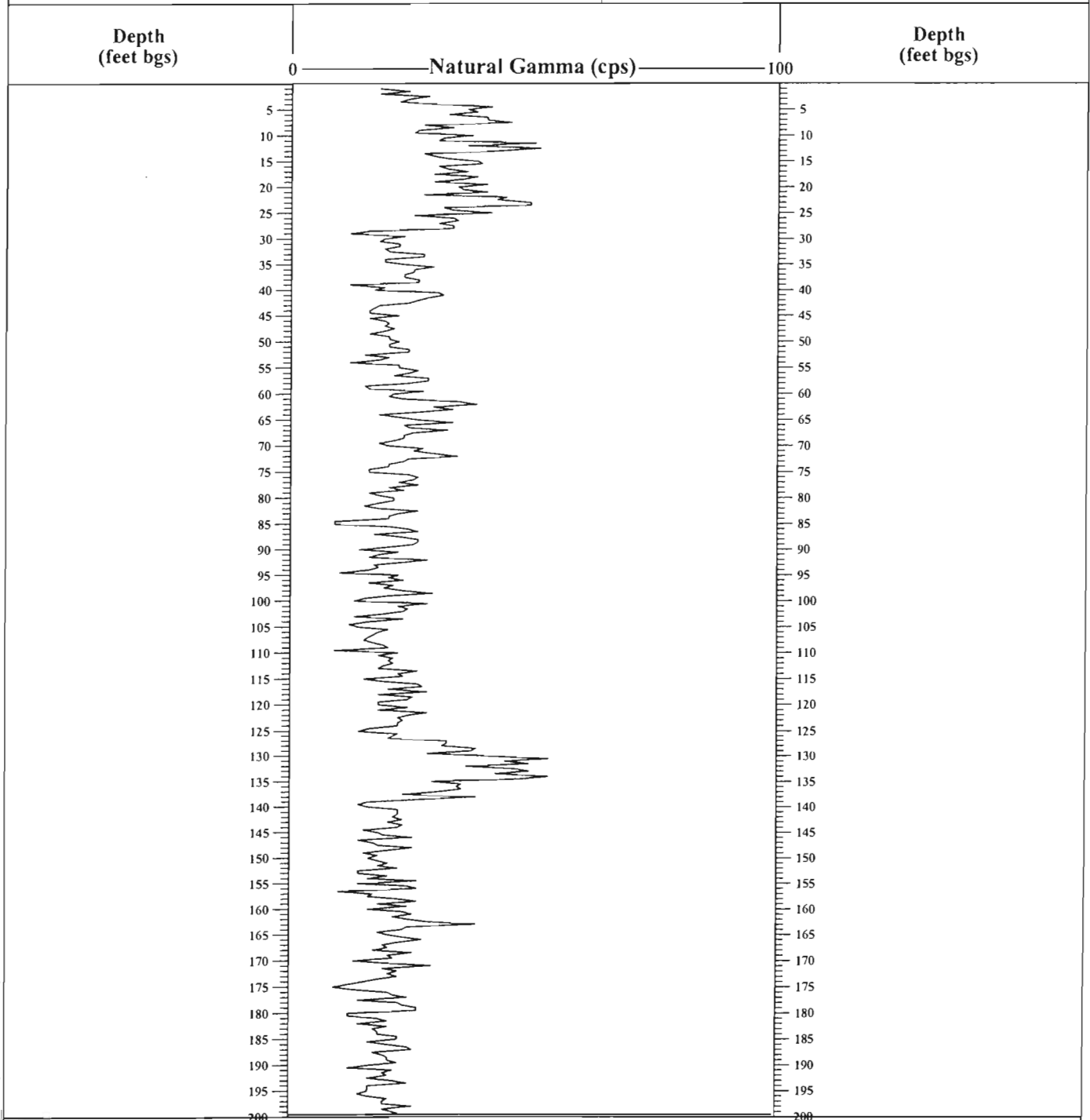
Boring Location: 28 Branglebrink Rd.
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 5/2/01
Interval Recorded: 0-199.5 ft. bgs
North: **East:**
Surface Elevation: 189 ft. amsl

Casing Interval: ft. bgs
Total Depth: 199.5 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

CDM

A Subsidiary of Camp Dresser & McKee

Page 2 of 2

Boring Name: VPW-15

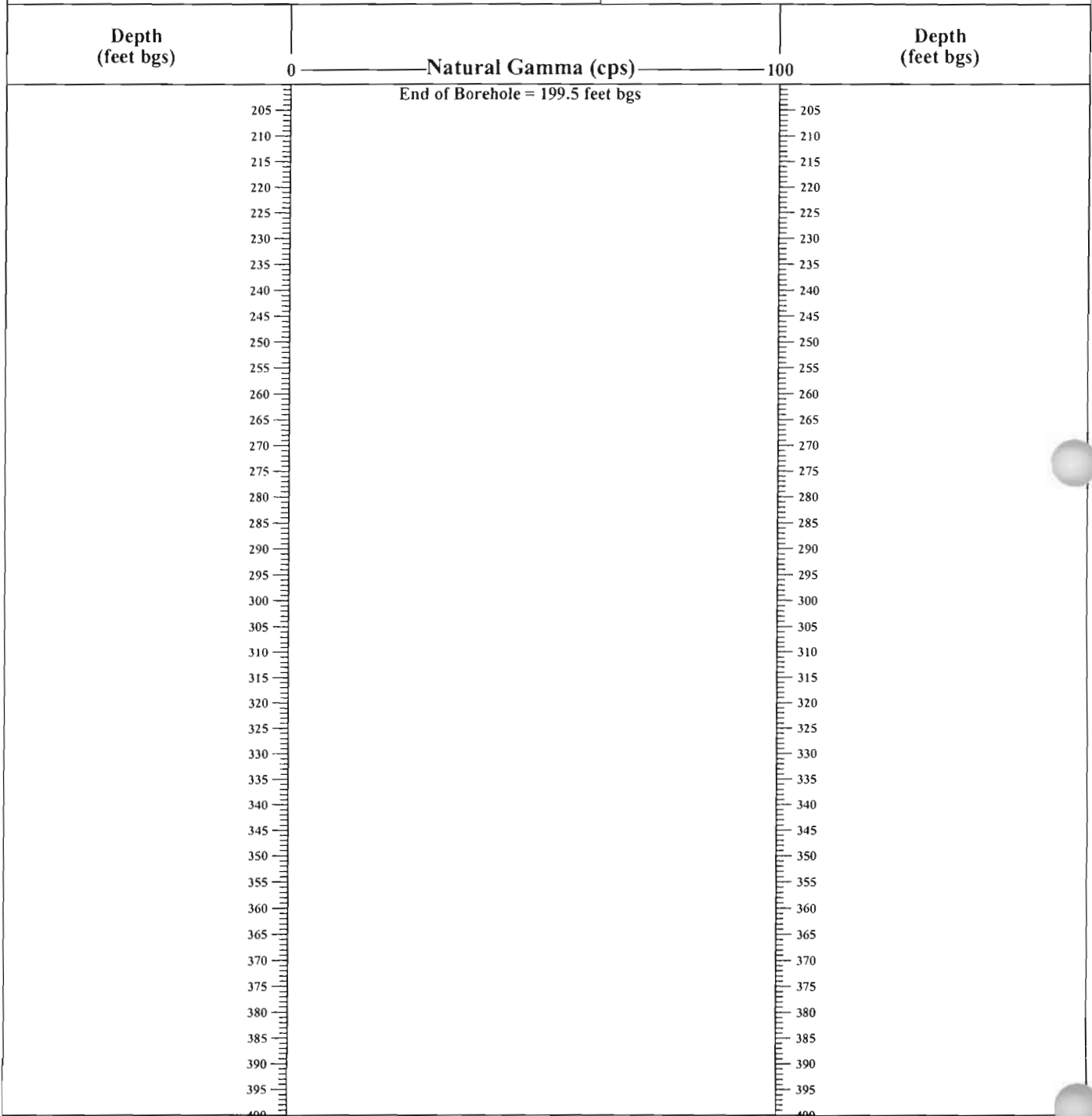
Boring Location: 28 Branglebrink Rd.
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 5/2/01
Interval Recorded: 0-199.5 ft. bgs
North: **East:**
Surface Elevation: 189 ft. amsl

Casing Interval: ft. bgs
Total Depth: 199.5 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTWN.GPJ FEDERAL.GDT 6/5/02

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 2

Boring Name: VPW-16

Boring Location: 41 Branglebrink Rd.
Nissequogue

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log

Date Conducted: 5/8/01

Interval Recorded: 0-260 ft. bgs

North: **East:**

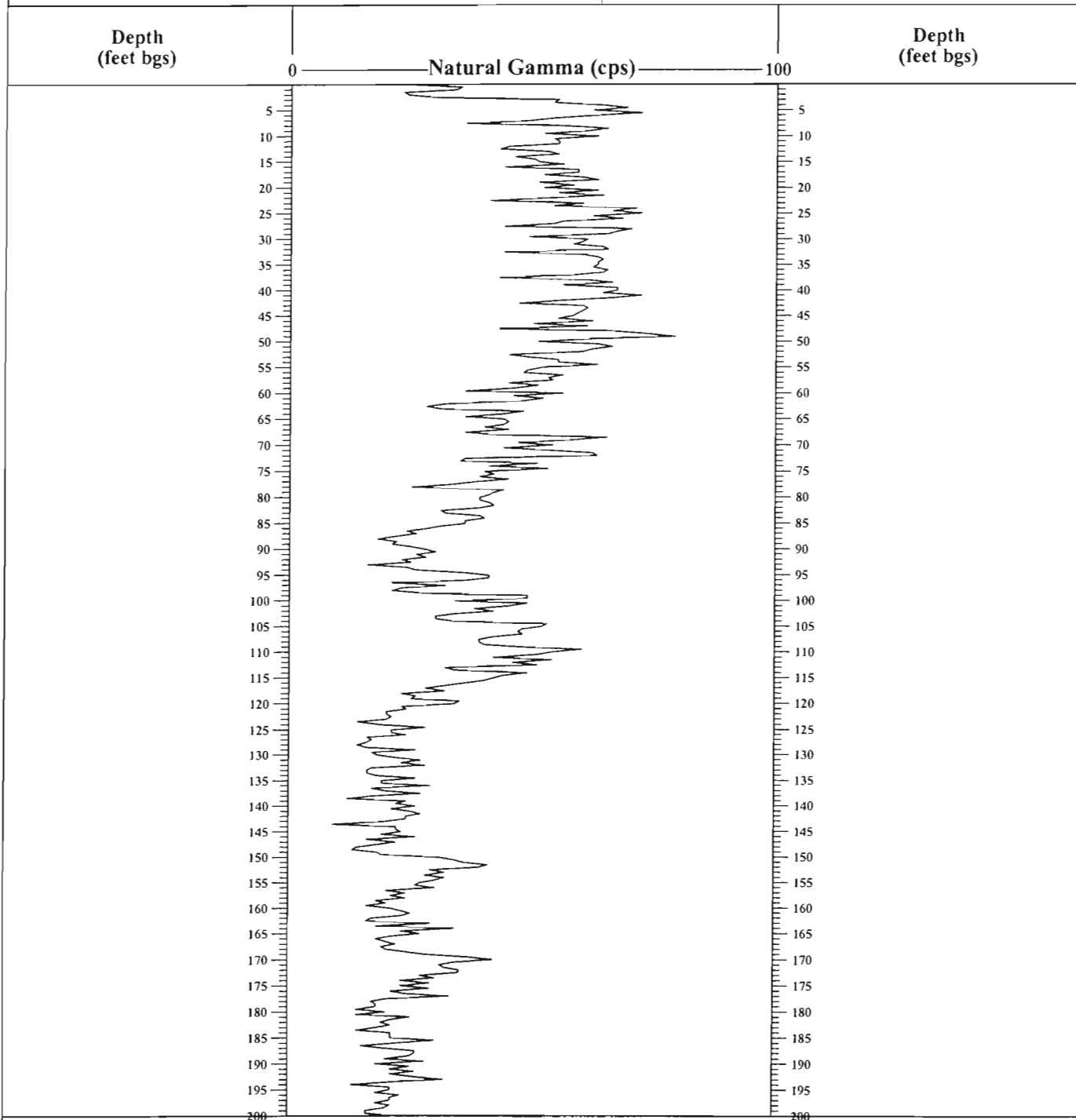
Surface Elevation: 219 ft. amsl

Casing Interval: ft. bgs

Total Depth: 260 ft. bgs

Depth to Initial Water Level (ft. bgs): N/A

Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTWN.GPJ FEDERAL.GDT 6/5/02

Boring Name: VPW-16

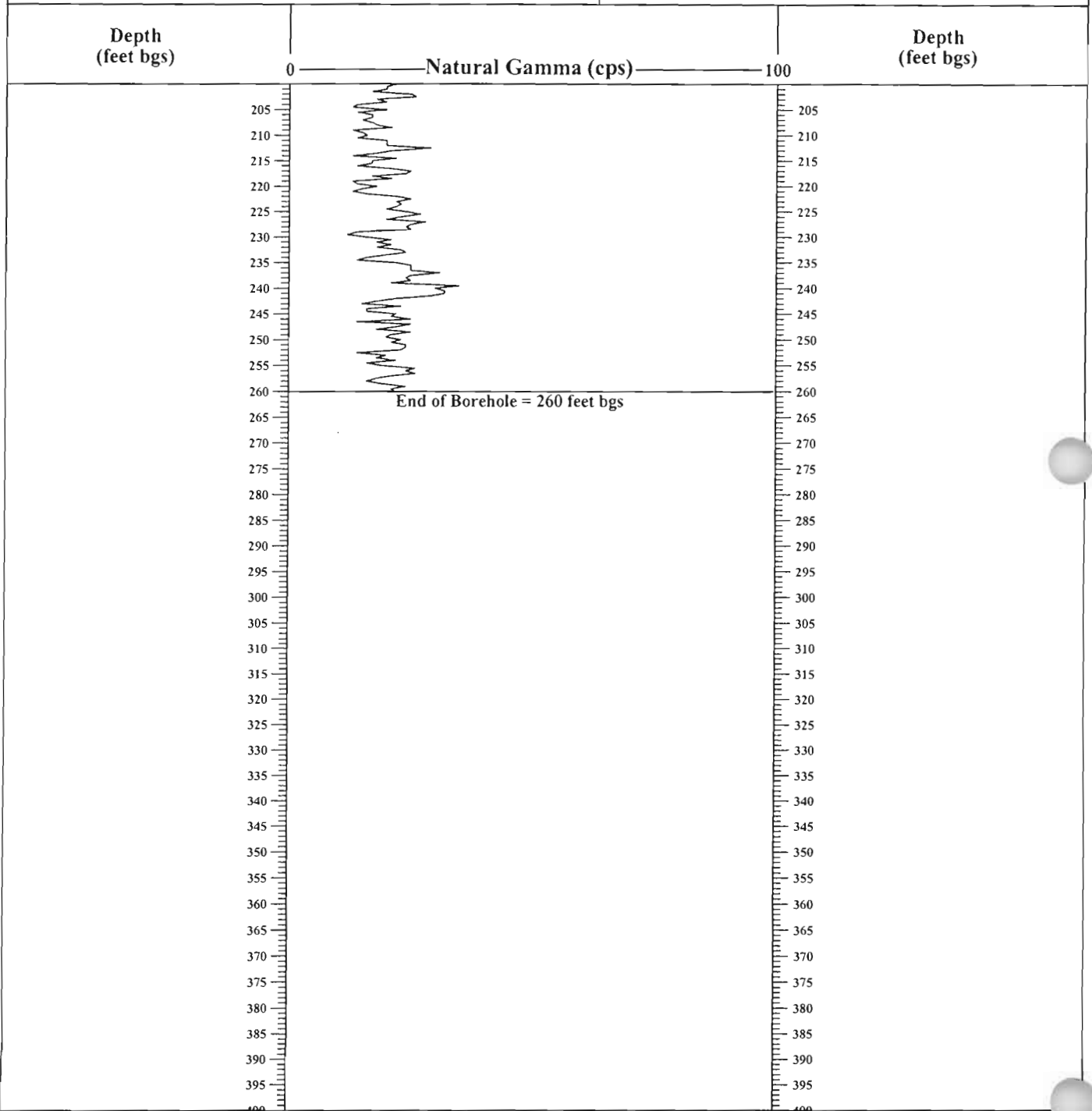
Boring Location: 41 Branglebrink Rd.
Nissequogue

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 5/8/01
Interval Recorded: 0-260 ft. bgs
North: **East:**
Surface Elevation: 219 ft. amsl

Casing Interval: ft. bgs
Total Depth: 260 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 2

Boring Name: VPW-17

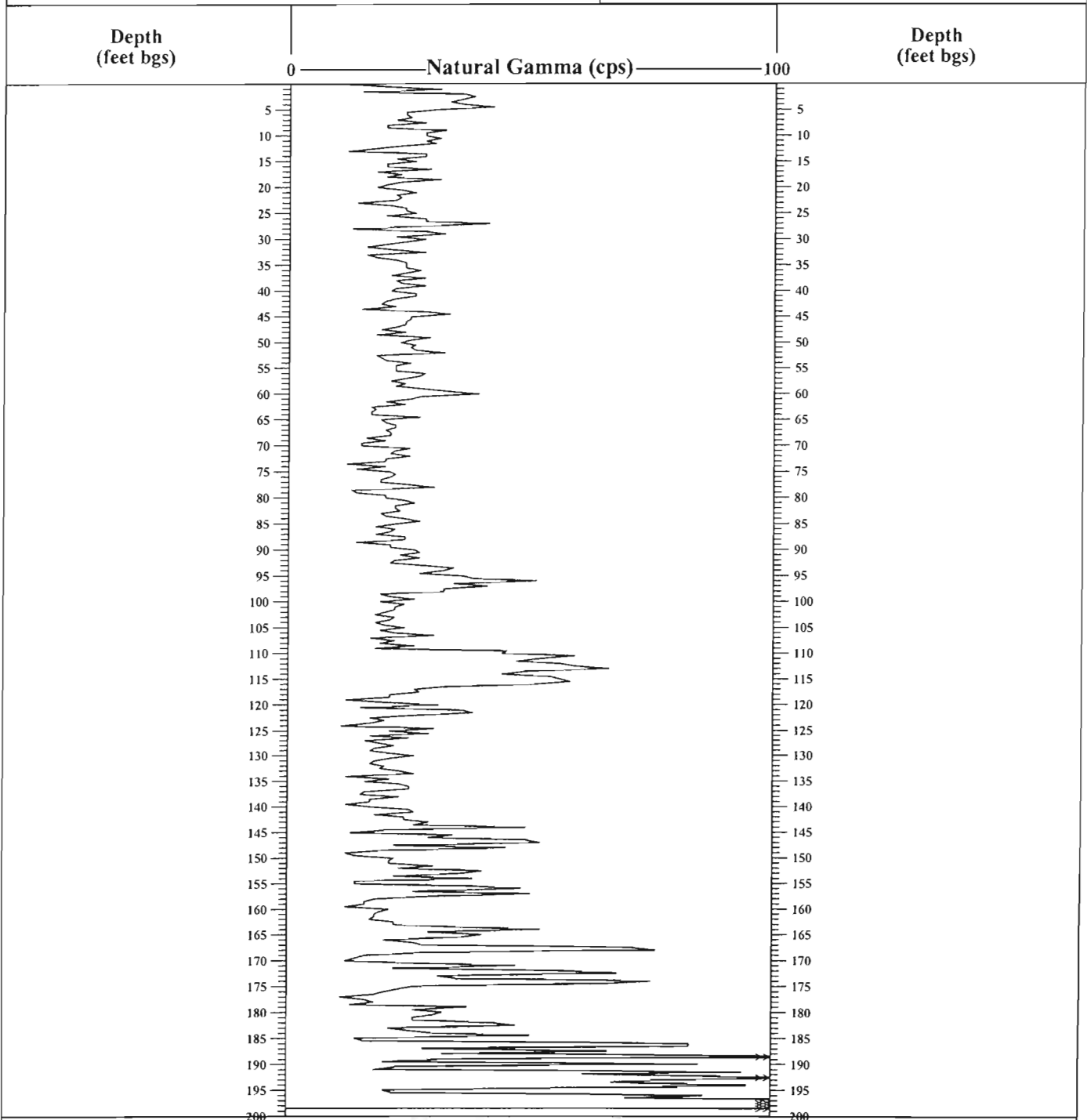
Boring Location: 5 Branglebrink Rd.
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 4/30/01
Interval Recorded: 0-198.5 ft. bgs
North: **East:**
Surface Elevation: 166 ft. amsl

Casing Interval: ft. bgs
Total Depth: 198.5 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTWN.GPJ FEDERAL-GDT 6/5/02



A Subsidiary of Camp Dresser & McKee

Boring Name: VPW-17

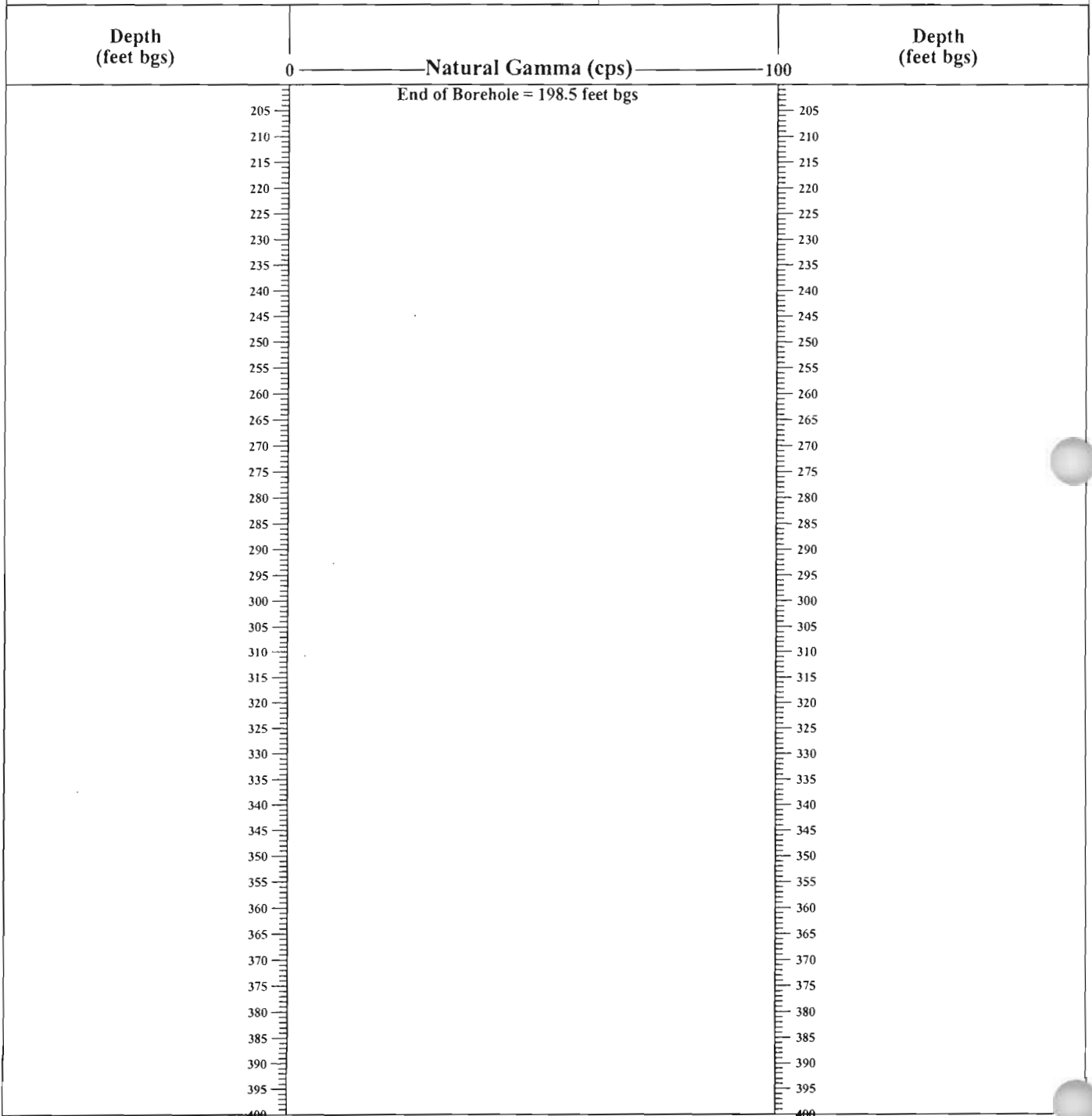
Boring Location: 5 Branglebrink Rd.
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 4/30/01
Interval Recorded: 0-198.5 ft. bgs
North: **East:**
Surface Elevation: 166 ft. amsl

Casing Interval: ft. bgs
Total Depth: 198.5 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 1

Boring Name: VPW-20

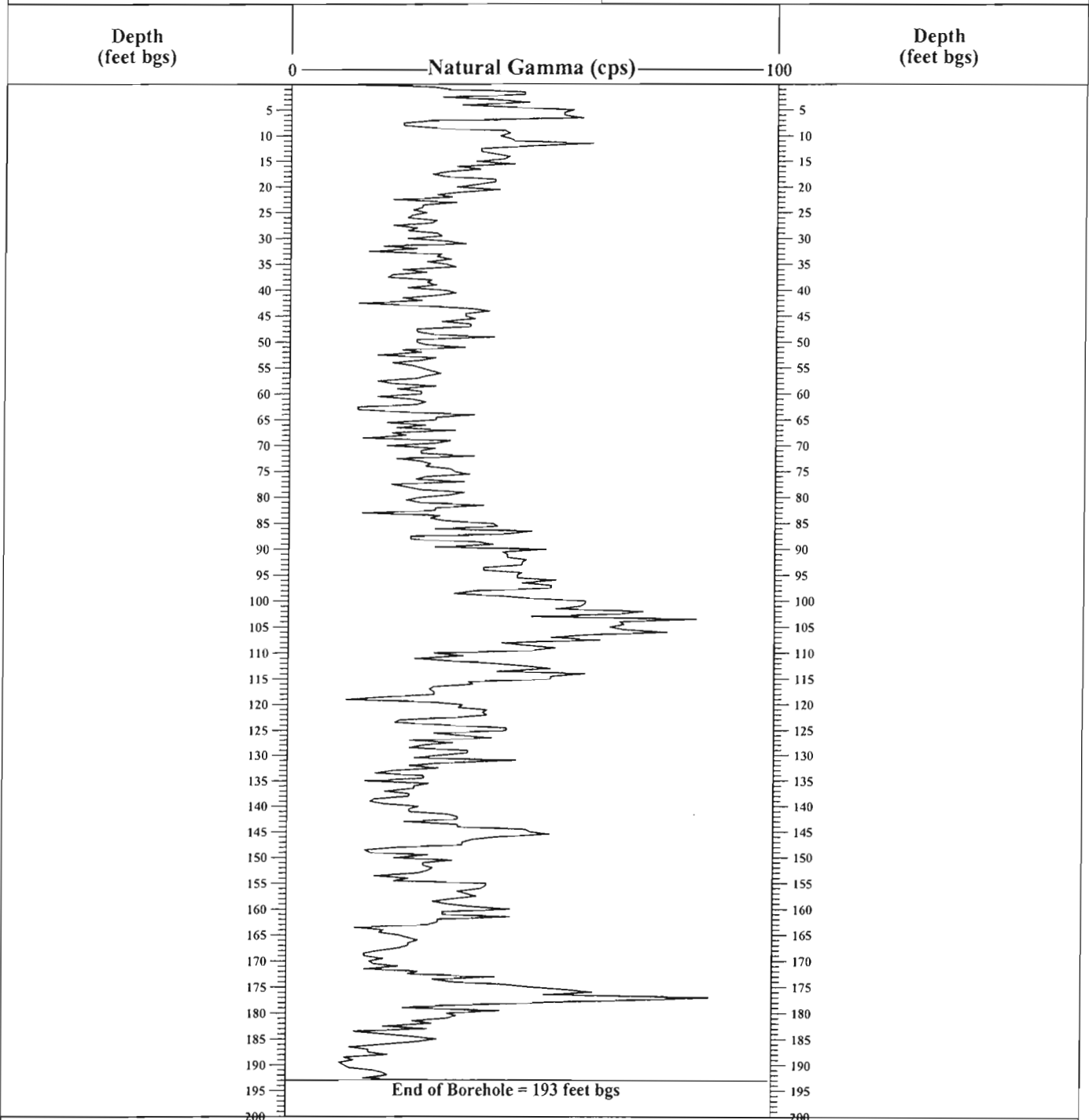
Boring Location: Carmen Lane
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 4/19/01
Interval Recorded: 0-193 ft. bgs
North: **East:**
Surface Elevation: 90 ft. amsl

Casing Interval: ft. bgs
Total Depth: 193 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 1

Boring Name: VPW-21

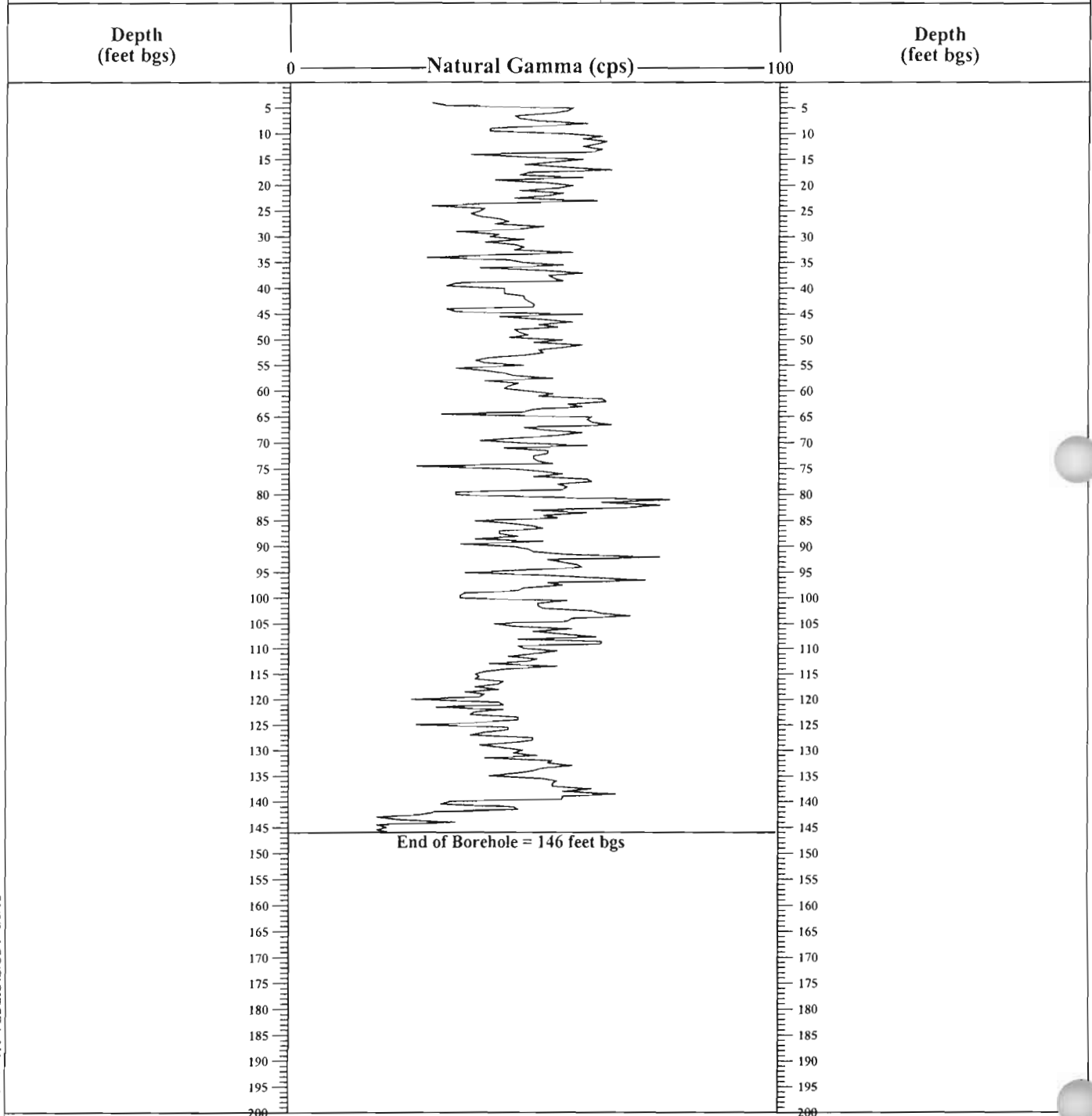
Boring Location: Harbor/Cordwood
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 5/7/01
Interval Recorded: 0-146 ft. bgs
North: **East:**
Surface Elevation: 12 ft. amsl

Casing Interval: ft. bgs
Total Depth: 146 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from top to bottom of borehole.

NGAMMA-DOWN SMITHTWN.GPJ FEDERAL.GDT 6/5/02

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 1

Boring Name: VPW-23

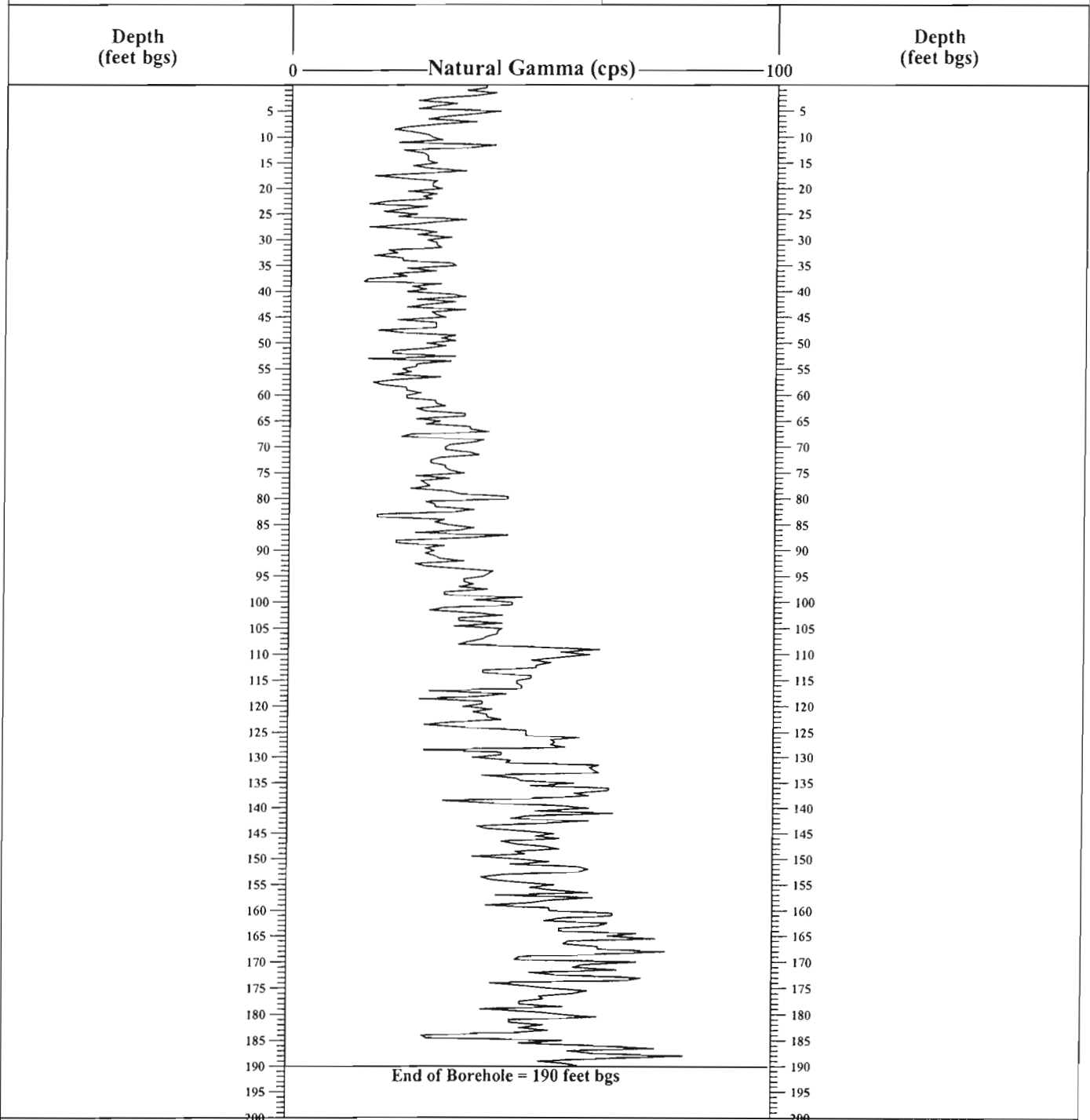
Boring Location: Watercrest Court
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 4/23/01
Interval Recorded: 0-190 ft. bgs
North: **East:**
Surface Elevation: 97 ft. amsl

Casing Interval: ft. bgs
Total Depth: 190 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTWN.GPJ FEDERAL.GDT 6/5/02

CDM

A Subsidiary of Camp Dresser & McKee

Page 1 of 2

Boring Name: VPW-24

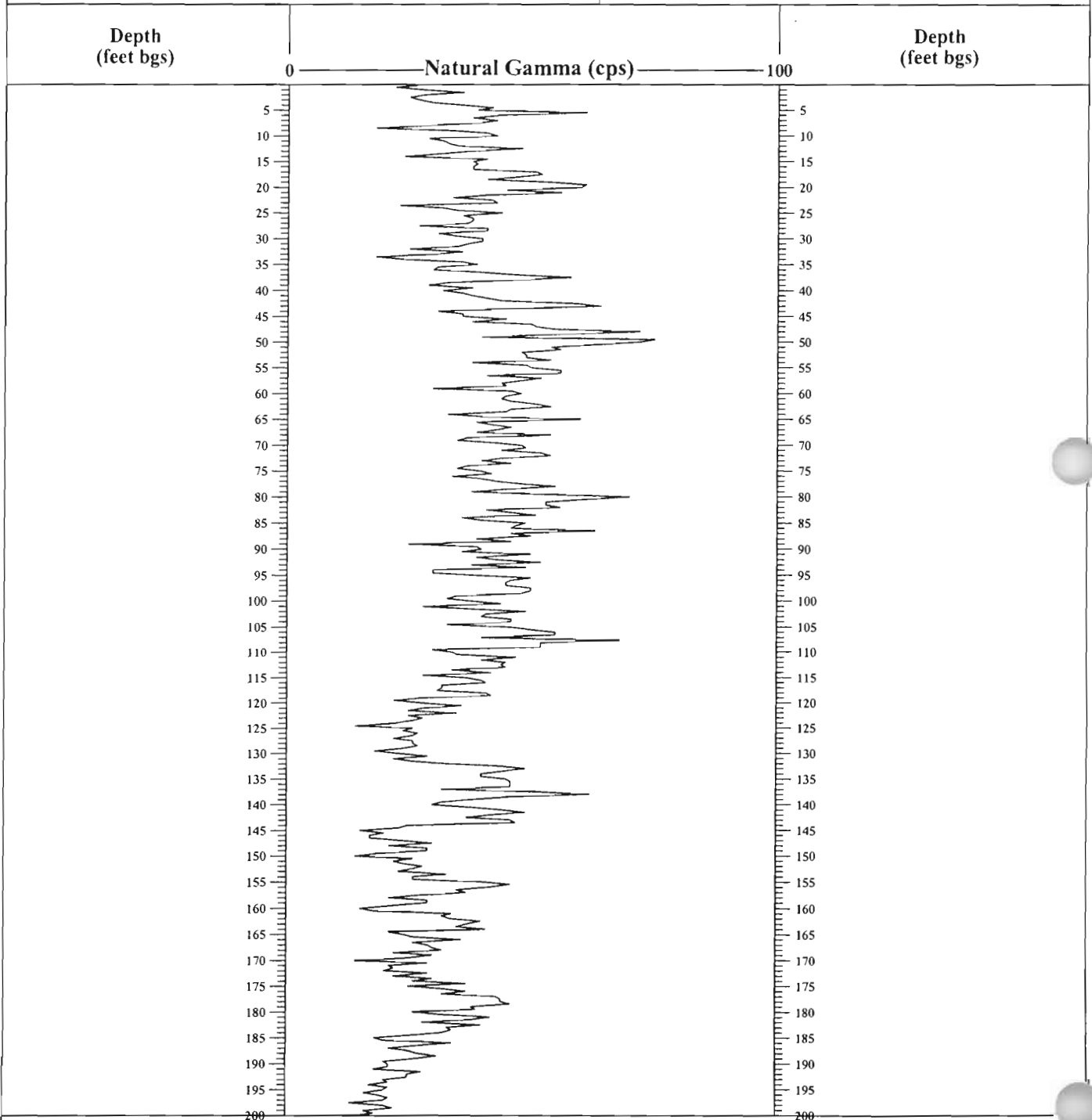
Boring Location: 54 Harbor Hill Rd.
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 4/10/01
Interval Recorded: 0-201 ft. bgs
North: **East:**
Surface Elevation: 31 ft. amsl

Casing Interval: ft. bgs
Total Depth: 201 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.

NGAMMA-UP2 SMITHTWN.GPJ FEDERAL GDT 6/5/02



A Subsidiary of Camp Dresser & McKee

Boring Name: VPW-24

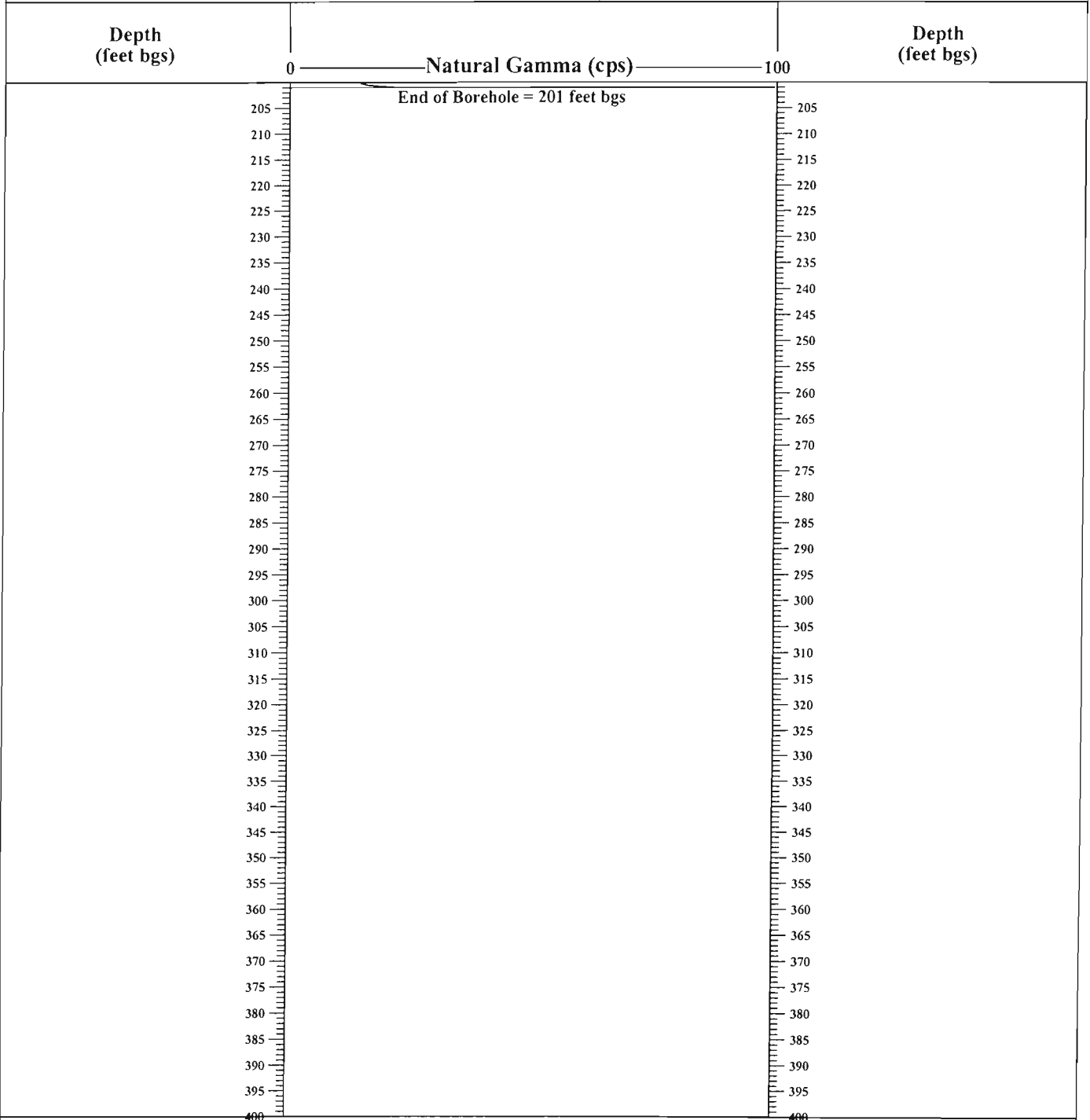
Boring Location: 54 Harbor Hill Rd.
Head of the Harbor

Client: U.S. Environmental Protection Agency
Project Location: Smithtown, New York

Project Name: Smithtown Groundwater
Project Number: 3220-012

Borehole Test: Natural Gamma Log
Date Conducted: 4/10/01
Interval Recorded: 0-201 ft. bgs
North: **East:**
Surface Elevation: 31 ft. amsl

Casing Interval: ft. bgs
Total Depth: 201 ft. bgs
Depth to Initial Water Level (ft. bgs): N/A
Logged by: S. Richardson



Additional Remarks: bgs - below ground surface
cps - counts per second
Gamma log test was run from bottom to top of borehole.



Appendix E
Low-Flow Sampling Sheets

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

DATE: 03/11/02

WELL #: MW-1S

TIME: 1040

DEPTH OF PUMP: 105 ft. bgs.

WEATHER CONDITIONS: Sunny, 40's

SAMPLERS: A. Caruso, C. Mulvey

ELAPSED TIME (MIN)	VOLUME PURGED (Gallons)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1050	0.53	90.75	200	Begin Purging						
1056	0.93	90.82	250	0.07	5.81	0.269	71.2	14.27	11.38	211
1102	1.33	90.82	250	0.00	5.88	0.263	64.8	12.49	11.84	198
1114	2.12	90.81	250	0.01	5.92	0.257	40.1	11.75	13.06	187
1124	2.78	90.81	250	0.00	5.97	0.256	34.6	11.51	13.46	183
1136	3.57	90.81	250	0.00	6.00	0.254	23.6	11.27	14.06	180
1149	4.43	90.81	250	0.00	6.04	0.252	16.8	11.21	14.45	177
1200	5.16	90.81	250	0.00	6.05	0.253	12.3	11.10	14.33	174
1210	5.82	90.81	250	0.00	6.03	0.253	10.0	11.14	14.23	174
1215	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

DATE: 03/11/02

WELL #: MW-11

TIME: 1420

DEPTH OF PUMP: 145 ft. bgs.

WEATHER CONDITIONS: Sunny, 40's

SAMPLERS: C. Mulvey, A. Caruso

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1430	0.66	87.72	250	Begin purging						
1433	0.86	87.75	250	0.03	6.48	0.079	73.4	10.17	11.19	150
1446	1.72	87.77	250	0.02	6.57	0.077	40.4	7.36	11.61	95
1458	2.51	87.75	250	+0.02	6.55	0.077	26.8	7.27	11.13	87
1509	3.24	87.75	250	0.00	6.55	0.077	21.7	7.15	11.31	81
1519	3.90	87.75	250	0.00	6.54	0.077	18.1	7.05	11.23	81
1525	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

DATE: 03/12/02

WELL #: MW-2

TIME: 1330

DEPTH OF PUMP: 185 ft. bgs.

WEATHER CONDITIONS: Cloudy, 40's

SAMPLERS: A. Caruso, C. Mulvey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1350	Purging begins									
1354	0.26	151.01	250	0.01	6.83	0.250	562.0	12.32	10.91	203
1417	1.78	151.02	250	0.01	6.08	0.268	161.0	9.23	13.50	165
1440	3.30	151.04	250	0.02	6.11	0.251	75.9	9.17	14.25	167
1451	4.03	151.02	250	+0.02	6.13	0.250	66.5	9.08	14.45	165
1509	5.22	151.02	250	0.00	6.12	0.250	50.2	9.05	14.45	166
1525	6.28	151.02	250	0.00	6.13	0.250	46.7	8.95	14.48	164
1534	6.87	151.0	250	+0.02	6.13	0.250	40.4	8.88	14.61	162
1540	7.27	151.0	250	0.00	6.14	0.250	38.6	8.85	14.69	164
1545	Sample is collected									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

DATE: 03/11/02

WELL #: MW-3S

TIME: 1100 (Begin purging)

DEPTH OF PUMP: 172 ft. bgs.

WEATHER CONDITIONS: Sunny, upper 30's

SAMPLERS: A. Dodge, J. DeFranco

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1120	1.32	148.30	500	0.00	5.33	0.194	31.6	11.51	9.7	168
1125	1.98	148.32	500	0.02	5.50	0.167	31.2	9.79	10.9	170
1130	2.64	148.31	500	+0.01	5.60	0.165	24.4	9.04	12.1	173
1135	3.30	148.31	500	0.00	5.65	0.164	17.3	8.73	12.5	175
1140	3.96	148.31	500	0.00	5.78	0.164	10.8	8.83	12.2	176
1145	4.62	148.31	500	0.00	5.74	0.163	6.4	8.95	12.4	172
1150	5.28	148.31	500	0.00	5.56	0.171	5.8	8.34	13.5	188
1155	5.94	148.31	500	0.00	5.54	0.171	1.4	8.80	12.8	194
1200	6.60	148.31	500	0.00	5.52	0.168	11.2	8.96	12.4	200
1205	7.26	148.31	500	0.00	5.51	0.169	21.0	8.87	12.0	205
1210	7.92	148.31	500	0.00	5.52	0.167	33.1	8.98	12.2	207
1215	8.58	148.31	500	0.00	5.53	0.167	36.3	8.91	12.4	208

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING
SITE NAME: Smithtown Groundwater Contamination Site

DATE: 03/11/02

WELL #: MW-3I

TIME: 1440 (Purging begins)

DEPTH OF PUMP: 202 ft. bgs.

WEATHER CONDITIONS: Sunny, 40's

SAMPLERS: A. Dodge, J. DeFranco

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1445	0.66	147.66	500	0.01	5.74	0.236	120	8.61	11.1	229
1450	1.32	147.67	500	0.00	5.78	0.240	104	8.66	11.3	221
1455	1.98	147.67	500	0.00	5.84	0.243	94	8.65	11.9	213
1500	2.64	147.67	500	0.00	5.88	0.247	90.5	8.62	12.1	209
1505	3.30	147.67	500	0.00	5.89	0.248	68.4	8.61	12.3	208
1510	3.96	147.67	500	0.00	5.89	0.248	52.9	8.53	12.4	209
1515	4.62	147.67	500	0.00	5.89	0.248	34.7	8.53	12.6	211
1520	5.28	147.67	500	0.00	5.90	0.249	25.9	8.53	12.5	212
1525	5.94	147.67	500	0.00	5.89	0.249	22.4	8.57	12.4	214
1530	6.60	147.67	500	0.00	5.89	0.249	20.6	8.55	12.4	215
1535	Sample collected									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

(Page 1 of 2)

DATE: 03/12/02

WELL #: MW-4S

TIME: 0930

DEPTH OF PUMP: 175 ft. bgs.

WEATHER CONDITIONS: Overcast, 30's

SAMPLERS: A. Dodge, J. DeFranco

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0930		159.66	450	Purging begins						
0935	0.59	159.67	450	0.01	5.86	0.251	477	7.81	11.6	214
0940	1.19	159.66	450	0.00	6.02	0.250	463	7.81	12.0	211
0945	1.78	159.66	450	0.00	6.08	0.248	396	7.88	12.3	206
0950	2.37	159.66	450	0.00	6.13	0.244	387	7.78	13.2	202
0955	2.96	159.66	450	0.00	6.16	0.241	352	7.80	13.9	202
1000	3.55	159.66	450	0.00	6.19	0.241	275	7.78	14.1	203
1005	4.14	159.66	450	0.00	6.20	0.240	233	7.77	14.3	202
1010	4.73	159.66	450	0.00	6.21	0.240	222	7.79	14.3	201
1015	5.32	159.66	450	0.00	6.23	0.239	195	7.70	14.2	199
1020	5.91	159.66	450	0.00	6.25	0.239	167	7.66	14.0	198
1025	6.50	159.66	450	0.00	6.25	0.239	175	7.65	13.7	196

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

(Page 2 of 2)

DATE: 03/12/02

WELL #: MW-4S

TIME: 0930

DEPTH OF PUMP: 175 ft. bgs.

WEATHER CONDITIONS: Overcast, 30's

SAMPLERS: A. Dodge, J. DeFranco

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mV)
1030	7.09	159.66	450	0.00	6.24	0.238	134	7.62	13.7	194
1035	7.68	159.67	450	0.01	6.25	0.238	134	7.59	13.7	192
1040	8.27	159.66	450	0.00	6.26	0.236	122	7.57	13.8	190
1045	8.86	159.66	450	0.00	6.28	0.236	111	7.47	14.0	188
1050	9.45	159.66	450	0.00	6.28	0.237	109	7.48	13.8	188
1055	Sample is collected									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

DATE: 03/13/02

WELL #: MW-4I

TIME: 0855

DEPTH OF PUMP: 205 ft. bgs.

WEATHER CONDITIONS: Raining, 40's

SAMPLERS: A. Caruso, C. Mulvey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0910	---	158.86	250	Purging begins						
0918	0.53	158.82	250	+0.04	5.56	0.246	378.0	14.13	10.42	245
0928	1.19	158.81	250	+0.01	5.47	0.238	417.0	12.25	11.67	234
0941	2.05	158.80	250	+0.01	5.45	0.237	78.7	12.50	10.54	221
0951	2.71	158.80	250	0.00	5.50	0.238	75.5	12.87	10.00	230
1001	3.37	158.80	250	0.00	5.45	0.233	115.0	12.20	11.52	220
1010	3.96	158.80	250	0.00	5.47	0.233	104.0	12.18	11.38	219
1031	5.35	158.78	250	+0.02	5.48	0.230	85.8	11.65	12.46	214
1041	6.01	158.78	250	0.00	5.52	0.230	80.7	11.77	12.43	212
1051	6.67	158.78	250	0.00	5.50	0.229	70.2	11.68	12.47	210
1055	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER WATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

DATE: 03/13/02

WELL #: MW-4D

TIME: 1415

DEPTH OF PUMP: 245 ft. bgs.

WEATHER CONDITIONS: Misty, raining, 40's

SAMPLERS: A. Caruso, C. Mulvey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mV)
1440	----	159.0	300	Purging begins						
1446	0.48	158.9	300	+0.01	9.71	0.197	95.6	14.32	10.85	166
1456	1.27	159.0	300	0.01	7.96	0.238	146.0	12.66	11.47	184
1507	2.14	159.0	300	0.00	7.04	0.239	98.2	11.86	12.27	160
1517	2.93	159.0	300	0.00	6.82	0.237	73.8	11.62	12.83	165
1529	3.88	159.0	300	0.00	6.73	0.236	71.1	11.53	12.99	168
1539	4.67	159.0	300	0.00	6.74	0.236	80.2	11.54	12.94	166
1540	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

DATE: 03/12/02

WELL #: MW-5S

TIME: 0905

DEPTH OF PUMP: 45 ft. bgs.

WEATHER CONDITIONS: Cloudy, 30's

SAMPLERS: C. Mulvey, A. Caruso

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0920	Purging begins									
0924	0.26	1.58	250	0.03	5.88	0.289	17.2	13.50	10.09	230
0935	0.99	1.58	250	0.00	6.87	0.420	34.0	9.06	10.74	183
0945	1.65	1.54	250	+0.04	7.13	0.433	25.8	8.60	10.89	161
0954	2.24	1.52	250	+0.02	7.23	0.433	20.7	8.58	10.90	154
1011	2.70	1.48	250	+0.04	7.31	0.430	14.8	8.58	11.02	134
1020	3.29	1.47	250	+0.01	7.33	0.430	12.4	8.58	11.07	128
1025	3.62	1.45	250	+0.02	7.33	0.430	10.8	8.58	11.10	127
1030	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

(Page 1 of 2)

DATE: 03/13/02

WELL #: MW-51

TIME: 1105

DEPTH OF PUMP: 115 ft. bgs.

WEATHER CONDITIONS: Rainy, 40's

SAMPLERS: A. Dodge, M. Reindl

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUS (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1105	Begin purging									
1107	0.24	1.78	450		6.29	0.394	999	7.39	10.2	210
1115	1.19	1.74	450	+0.04	6.36	0.396	770	6.81	10.0	232
1120	1.78	1.74	450	0.00	6.38	0.391	586	6.76	9.9	240
1125	2.37	1.72	450	+0.02	6.36	0.387	477	6.65	10.0	245
1130	2.96	1.70	450	+0.02	6.33	0.384	405	6.67	9.9	248
1135	3.55	1.70	450	0.00	6.30	0.380	350	6.70	10.0	252
1140	4.14	1.70	450	0.00	6.27	0.377	310	6.68	10.0	254
1145	4.73	1.70	450	0.00	6.24	0.375	219	6.78	9.9	255
1150	5.32	1.72	450	0.02	6.22	0.372	199	6.62	9.9	256
1155	5.91	1.74	450	0.02	6.21	0.371	192	6.54	9.9	256
1200	6.50	1.76	450	0.02	6.19	0.370	184	6.51	9.8	256

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

(Page 2 of 2)

DATE: 03/13/02

WELL #: MW-5I

TIME: 1105

DEPTH OF PUMP: 115 ft. bgs.

WEATHER CONDITIONS: Rainy, 40's

SAMPLERS: A. Dodge, M. Reindl

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mV)
1205	7.09	1.79	450	0.03	6.18	0.368	179	6.67	10.0	257
1210	7.68	1.80	450	0.01	6.17	0.368	175	6.57	9.9	257
1215	8.27	1.82	450	0.02	6.16	0.367	176	6.76	9.8	257
1220	8.86	1.85	450	0.03	6.16	0.365	171	6.62	10.2	256
1225	9.45	1.88	450	0.03	6.15	0.364	169	6.68	10.1	256
1230	Sample is collected									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

(Page 1 of 2)

DATE: 03/18/02

WELL #: MW-5D

TIME: 1030

DEPTH OF PUMP: 165 ft. bgs.

WEATHER CONDITIONS: Raining, sleeting, 30's

SAMPLERS: A. Dodge, C. Mulvey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1110	---	4.92	500	Purging begins						
1115	0.66	4.92	500	0.00	5.63	0.349	999	7.20	10.6	300
1120	1.32	4.92	500	0.00	5.72	0.347	868	7.21	10.7	298
1125	1.98	4.92	500	0.00	5.76	0.344	586	7.40	10.7	296
1130	2.64	4.98	500	0.06	5.79	0.343	399	7.47	10.7	294
1135	3.30	4.98	500	0.00	5.79	0.342	299	7.64	10.7	292
1140	3.96	4.98	500	0.00	5.79	0.342	230	7.66	10.7	292
1145	4.62	4.98	500	0.00	5.80	0.342	187	7.72	10.7	290
1150	5.28	5.01	500	0.03	5.80	0.342	156	7.74	10.8	289
1155	5.94	5.01	500	0.00	5.80	0.342	133	7.72	10.7	287
1200	6.60	5.01	500	0.00	5.80	0.342	121	7.74	10.7	287
1205	7.26	5.07	500	0.06	5.80	0.341	116	7.82	10.7	286

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

(Page 2 of 2)

DATE: 03/18/02

WELL #: MW-5D

TIME: 1030

DEPTH OF PUMP: 165 ft. bgs.

WEATHER CONDITIONS: Raining, sleeting, 30's

SAMPLERS: A. Dodge, C. Mulvey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1210	7.92	5.07	500	0.00	5.79	0.341	112	7.75	10.8	286
1215	8.58	5.07	500	0.00	5.78	0.341	96.7	7.73	10.7	286
1220	9.24	5.07	500	0.00	5.78	0.341	92.8	7.80	10.8	286
1225	9.90	5.07	500	0.00	5.78	0.341	92.3	7.76	10.7	285
1230	10.56	5.07	500	0.00	5.78	0.341	95.3	7.74	10.7	285
1235	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING
SITE NAME: Smithtown Groundwater Contamination Site

(Page 1 of 2)

DATE: 03/15/02

WELL #: MW-6S

TIME: 1310

DEPTH OF PUMP: 193 ft. bgs.

WEATHER CONDITIONS: Overcast, upper 40's

SAMPLERS: A. Dodge, J. DeFranco

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mv (+/- 10 mv)
1310	0.66	144.95	500	Purging begins						
1315	1.32	144.95	500	0.00	7.17	0.259	999	7.02	13.1	251
1320	1.98	144.95	500	0.00	6.73	0.262	825	7.30	13.3	257
1325	2.64	144.93	500	+0.02	6.43	0.261	502	7.30	13.5	260
1330	3.30	144.93	500	0.00	6.23	0.261	374	7.32	13.5	260
1335	3.96	144.93	500	0.00	6.10	0.260	278	7.06	13.5	256
1340	4.62	144.93	500	0.00	6.02	0.259	226	7.33	13.6	251
1345	5.28	144.93	500	0.00	5.98	0.257	201	7.27	13.7	249
1350	5.94	144.93	500	0.00	5.96	0.257	186	7.21	13.7	247
1355	6.60	144.93	500	0.00	5.94	0.256	172	7.29	13.7	246
1400	7.26	144.93	500	0.00	5.93	0.255	167	7.39	13.8	246
1405	7.92	144.94	500	0.01	5.92	0.255	162	7.11	13.7	245

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

(Page 2 of 2)

DATE: 03/15/02

WELL #: MW-6S

TIME: 1310

DEPTH OF PUMP: 193 ft. bgs.

WEATHER CONDITIONS: Overcast, upper 40's

SAMPLERS: A. Dodge, J. DeFranco

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
134	8.58	144.94	500	0.00	5.90	0.254	159	7.00	13.7	246
1415	9.90	144.94	500	0.00	5.90	0.254	159	7.07	13.7	246
1420	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

DATE: 03/14/02

WELL #: MW-6I

TIME: 1400

DEPTH OF PUMP: 225 ft. bgs.

WEATHER CONDITIONS: Sunny, 50's

SAMPLERS: A. Caruso, C. Mulvey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1440	----	144.45	250	Begin purging						
1448	0.53	144.45	250	0.00	7.34	0.245	720.0	11.67	13.07	136
1504	1.59	145.61	250	1.16	7.78	0.245	286.0	9.83	12.56	119
1514	2.25	145.77	250	0.16	7.90	0.246	190.0	9.48	12.83	106
1524	2.91	145.78	250	0.01	7.92	0.245	173.0	9.28	13.41	103
1544	4.23	146.60	250	0.82	8.01	0.243	136.0	8.86	12.73	93
1556	5.02	147.21	250	0.61	8.04	0.244	107.0	8.59	12.81	89
1610	5.94	147.60	250	0.39	8.05	0.242	120.0	8.49	12.87	87
1615	6.27	147.60	250	0.00	8.05	0.243	119.0	8.39	12.42	86
1620	6.60	148.0	250	0.40	8.07	0.242	116.0	8.21	12.54	84
1625	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

DATE: 03/15/02

WELL #: MW-A

TIME: 0900

DEPTH OF PUMP: 133 ft. bgs.

WEATHER CONDITIONS: Cloudy, high 30's

SAMPLERS: A. Caruso, C. Mulvey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mV)
0920	---	112.42	300	Begin purging						
0930	0.79	112.45	300	0.03	5.88	0.193	45.5	11.95	11.59	230
0945	2.98	112.46	300	0.01	6.01	0.187	23.2	9.38	14.23	180
0957	3.93	112.44	300	+0.02	6.11	0.190	1.5	9.37	15.49	168
1010	4.96	112.43	300	+0.01	6.15	0.189	3.9	9.31	15.52	159
1015	5.36	112.43	300	0.00	6.17	0.189	4.3	9.30	15.51	160
1020	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING
SITE NAME: Smithtown Groundwater Contamination Site

(Page 1 of 2)

DATE: 03/14/02

WELL #: MW-C

TIME: 1440

DEPTH OF PUMP: 170 ft. bgs.

WEATHER CONDITIONS: Sunny, 50's

SAMPLERS: A. Dodge

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mV)
1445	0.59	145.37	450	Begin purging						
1450	1.19	145.38	450	0.01	6.50	0.213	999	7.42	12.8	179
1455	1.78	145.38	450	0.00	6.11	0.210	999	7.20	12.7	191
1500	2.37	145.38	450	0.00	5.94	0.210	999	7.19	12.8	199
1505	2.96	145.38	450	0.00	5.85	0.207	999	6.95	13.7	204
1510	3.55	145.38	450	0.00	5.81	0.206	937	6.96	14.6	208
1515	4.14	145.37	450	+0.01	5.79	0.206	738	6.95	15.5	211
1520	4.73	145.37	450	0.00	5.78	0.206	579	6.92	15.7	213
1525	5.32	145.37	450	0.00	5.77	0.205	499	6.99	15.8	215
1530	5.91	145.37	450	0.00	5.76	0.205	438	7.06	15.9	217
1535	6.50	145.37	450	0.00	5.76	0.204	407	6.97	16.2	217
1540	7.09	145.37	450	0.00	5.77	0.204	404	6.67	16.4	215

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

(Page 2 of 2)

DATE: 03/14/02

WELL #: MW-C

TIME: 1440

DEPTH OF PUMP: 170 ft. bgs.

WEATHER CONDITIONS: Sunny, 50's

SAMPLERS: A. Dodge

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1545	7.68	145.37	450	0.00	5.75	0.205	358	7.33	16.6	216
1550	8.27	145.37	450	0.00	5.73	0.206	403	7.39	15.4	219
1555	8.86	145.37	450	0.00	5.73	0.205	323	7.29	15.2	221
1600	9.45	145.37	450	0.00	5.75	0.203	267	7.04	15.8	221
1605	10.04	145.35	450	+0.02	5.73	0.202	559	7.01	16.7	220
1610	10.63	145.35	450	0.00	5.73	0.204	281	7.36	16.7	222
1615	11.22	145.35	450	0.00	5.72	0.201	192	7.15	17.6	222
1620	11.81	145.35	450	0.00	5.72	0.204	89.9	7.32	17.6	222
1625	12.4	145.35	450	0.00	5.71	0.203	124	7.37	17.6	223
1630	12.99	145.35	450	0.00	5.71	0.203	39.5	7.44	17.0	225
1635	13.58	145.35	450	0.00	5.70	0.202	27.2	7.39	16.3	228
1640	14.17	145.37	450	0.02	5.68	0.203	20.2	7.58	15.6	232

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

DATE: 03/15/02

WELL #: MW-D

TIME: 1250

DEPTH OF PUMP: 90 ft. bgs. to top of casing

WEATHER CONDITIONS: Cloudy, low 40's

SAMPLERS: A. Caruso, C. Mulvey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1310	---	75.18	300	Purging begins						
1319	0.71	75.17	300	+0.01	6.59	0.178	176.0	10.15	11.37	157
1335	1.98	75.17	300	0.00	6.85	0.177	213.0	7.04	11.56	141
1346	2.85	75.17	300	0.00	6.90	0.177	196.0	6.89	11.71	131
1400	3.96	75.17	300	0.00	6.89	0.176	178.5	6.70	11.81	106
1415	5.15	75.17	300	0.00	6.94	0.176	119.0	6.43	12.41	73
1425	5.94	75.17	300	0.00	6.94	0.175	68.0	6.34	12.54	64
1435	6.73	75.17	300	0.00	6.96	0.175	41.5	6.31	12.47	62
1445	7.52	75.17	300	0.00	6.97	0.175	29.9	6.28	12.49	61
1450	7.92	75.17	300	0.00	6.97	0.175	26.6	6.27	12.51	60
1455	8.32	75.17	300	0.00	6.98	0.175	26.6	6.25	12.51	59
1500	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

(Page 1 of 3)

DATE: 03/14/02

WELL #: MW-E

TIME: 0947

DEPTH OF PUMP: 225 ft. bgs.

WEATHER CONDITIONS: Sunny, 50's

SAMPLERS: A. Dodge, M. Reindl

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0947	---	145.04	450	Begin purging						
0950	0.36	145.04	450	0.00	5.89	0.304	353	5.75	10.9	199
0955	0.95	145.04	450	0.00	6.25	0.307	382	6.58	11.2	205
1000	1.54	145.04	450	0.00	6.53	0.306	731	7.09	11.3	211
1005	2.13	145.04	450	0.00	6.73	0.305	731	6.93	11.4	211
1010	2.72	145.04	450	0.00	6.86	0.304	579	7.08	11.8	209
1015	3.31	145.04	450	0.00	6.96	0.304	476	7.18	12.1	205
1020	3.9	145.04	450	0.00	7.04	0.303	356	7.28	12.2	200
1025	4.49	145.04	450	0.00	7.13	0.303	246	7.29	12.5	193
1030	5.08	145.04	450	0.00	7.19	0.303	204	7.22	12.8	185
1035	5.67	145.02	450	+0.02	7.24	0.304	179	7.26	12.7	180
1040	6.26	145.02	450	0.00	7.28	0.303	151	7.29	12.7	173

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

(Page 2 of 3)

DATE: 03/14/02

WELL #: MW-E

TIME: 0947

DEPTH OF PUMP: 225 ft. bgs.

WEATHER CONDITIONS: Sunny, 50's

SAMPLERS: A. Dodge, M. Reindl

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mV)
1045	6.85	145.02	450	0.00	7.32	0.303	134	7.33	12.5	164
1050	7.44	145.02	450	0.00	7.35	0.302	122	7.29	12.5	154
1055	8.03	145.02	450	0.00	7.40	0.302	105	7.22	12.6	145
1100	8.62	145.02	450	0.00	7.43	0.302	110	7.13	12.7	135
1105	9.21	145.02	450	0.00	7.43	0.302	108	7.22	12.7	130
1110	9.8	145.02	450	0.00	7.47	0.302	102	7.18	12.8	124
1115	10.39	145.02	450	0.00	7.49	0.303	80.3	7.26	12.9	118
1120	10.98	145.02	450	0.00	7.51	0.302	77.5	7.21	13.0	114
1125	11.57	145.02	450	0.00	7.53	0.302	73.8	7.33	13.0	111
1130	12.16	145.02	450	0.00	7.55	0.301	71.2	7.19	13.1	108
1135	12.75	145.02	450	0.00	7.56	0.302	62.7	7.28	13.1	106
1140	13.34	145.02	450	0.00	7.57	0.302	56.7	7.27	13.2	104

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

(Page 3 of 3)

DATE: 03/14/02

WELL #: MW-E

TIME: 0947

DEPTH OF PUMP: 225 ft. bgs.

WEATHER CONDITIONS: Sunny, 50's

SAMPLERS: A. Dodge, M. Reindl

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1145	6.85	145.00	450	+0.02	7.54	0.301	55.0	7.33	13.0	107
1150	7.44	145.00	450	0.00	7.56	0.302	51.6	7.26	12.9	109
1155	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING
SITE NAME: Smithtown Groundwater Contamination Site

(Page 1 of 2)

DATE: 03/15/02

WELL #: MW-F

TIME: 0910

DEPTH OF PUMP:

WEATHER CONDITIONS: Overcast, 40's

SAMPLERS: A. Dodge, J. DeFranco

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
0915	---	119.75	400	Begin purging						
0925	1.06	121.28	400	1.53	10.27	0.292	129	3.49	12.2	186
0930	1.59	121.70	400	0.42	8.71	0.262	999	2.39	13.3	207
0935	2.12	121.25	400	+0.45	8.60	0.256	999	1.81	13.8	203
0940	2.65	121.20	400	+0.05	8.56	0.249	528	1.67	13.9	201
0945	3.18	121.22	400	0.02	8.54	0.243	358	1.61	13.8	197
0950	3.71	121.22	400	0.00	8.51	0.240	260	1.60	14.0	192
0955	4.24	120.87	400	+0.35	8.52	0.238	238	1.65	14.2	185
1000	4.77	120.66	400	+0.21	8.48	0.237	334	1.79	14.2	182
1005	5.30	120.68	400	0.02	8.44	0.237	280	1.79	14.2	178
1010	5.83	120.68	400	0.00	8.43	0.238	248	1.86	14.0	174
1015	6.36	120.85	400	0.17	8.41	0.238	224	1.91	14.1	169

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Smithtown Groundwater Contamination Site

(Page 2 of 2)

DATE: 03/15/02

WELL #: MW-F

TIME: 0910

DEPTH OF PUMP:

WEATHER CONDITIONS: Overcast, 40's

SAMPLERS: A. Dodge, J. DeFranco

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1020	6.89	120.89	400	0.04	8.39	0.239	190	1.96	14.1	166
1025	7.42	120.93	400	0.04	8.39	0.240	184	2.00	14.2	163
1030	7.95	120.95	400	0.02	8.37	0.240	166	2.04	14.4	160
1035	8.48	120.86	400	+0.09	8.32	0.241	149	2.09	14.5	158
1040	9.01	120.85	400	+0.01	8.26	0.242	144	2.11	14.5	156
1040	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER WATER SAMPLING
SITE NAME: Smithtown Groundwater Contamination Site

DATE: 03/14/02

WELL #: MW-G

TIME: 0905

DEPTH OF PUMP: 295 ft. bgs.

WEATHER CONDITIONS: Sunny, 40's

SAMPLERS: A. Caruso, C. Mulvey

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
1950	----	145.60	275	Begin purging						
0954	0.29	145.60	275	0.00	5.99	0.132	74.5	12.64	10.98	210
1006	1.16	144.60	275	+1.00	6.44	0.122	50.1	8.84	11.32	144
1019	2.10	144.80	275	0.20	6.66	0.114	341.0	8.32	11.97	112
1028	2.75	144.15	275	+0.65	6.69	0.114	228.0	8.27	12.38	104
1035	3.26	144.45	275	0.30	6.55	0.114	210.0	8.49	12.22	114
1048	4.20	144.60	275	0.15	6.53	0.112	82.3	8.55	12.00	97
1055	4.71	144.60	275	0.00	6.47	0.111	54.9	8.38	12.54	101
1105	5.44	144.60	275	0.00	6.49	0.111	48.9	8.40	12.70	111
1115	6.17	144.60	275	0.00	6.46	0.113	49.5	8.44	12.73	104
1120	Collect sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/2/03

WELL #: GWM-1S

HNU READING: 0.0 ppm

TIME: 1410

DEPTH OF PUMP: 105 ft bgs

WEATHER CONDITIONS: sunny, high 70's

SAMPLERS: M. Reindl, A. Caruso

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1440	-	90.69	Begin Purging							
1444	-	90.65	450	0.04	6.01	0.205	46.4	11.08	12.34	219
1448	-	90.66	450	0.01	6.07	0.215	32.6	10.83	14.41	209.4
1452	-	90.65	450	0.01	6.10	0.220	25.7	10.90	15.10	207.4
1456	-	90.65	450	0.01	6.11	0.221	22.8	10.89	15.24	207.3
1500	-	90.65	450	0.01	6.11	0.221	22.4	10.89	15.28	208.1
1504	-	90.65	450	0.01	6.11	0.221	20.1	10.90	15.30	209.4
1510	Collected Sample - GWM-1S-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/2/03

WELL #: GWM-11

HNU READING: 0.0 ppm

TIME: 1400

DEPTH OF PUMP: 145 ft bgs

WEATHER CONDITIONS: sunny, high 70's

SAMPLERS: J. DeFranco, K. Brusser (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mV)
1430	-	87.54	Begin Purging							
1430	-	87.54	500	0.00	6.89	0.086	24	3.12	11.8	216
1440	-	87.54	500	0.00	6.30	0.061	22	1.13	12.3	224
1450	-	87.55	500	0.01	6.43	0.061	17	0.82	12.4	209
1500	-	87.55	500	0.01	6.45	0.061	13	0.71	12.5	204
1510	-	87.55	500	0.01	6.44	0.061	9	0.65	12.5	201
1510	Collected Sample - GWM-11-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/10/03

WELL #: GWM-2S

HNU READING: 0.0 ppm

TIME: 1030

DEPTH OF PUMP: 185 ft bgs

WEATHER CONDITIONS: sunny, mid-70's

SAMPLERS: J. DeFranco, Z. Youngman (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1055	-	151.08	Begin Purging							
1055	-	151.08	250	0.00	6.03	0.168	100	10.3	11.8	230
1100	-	151.08	250	0.00	5.98	0.166	90	10.2	12.0	232
1105	-	151.08	250	0.00	5.87	0.169	70	10.3	12.3	228
1110	-	151.08	250	0.00	5.81	0.161	50	10.2	12.5	234
1115	-	151.11	250	0.03	5.82	0.164	33	10.4	12.7	238
1120	-	151.11	250	0.03	5.81	0.167	22	10.3	12.8	239
1125	-	151.11	250	0.03	5.82	0.169	16	10.3	12.8	239
1130	-	151.11	250	0.03	5.85	0.169	15	10.1	12.9	237
1135	-	151.11	250	0.03	5.81	0.170	14	10.2	12.9	238
1140	-	151.11	250	0.03	5.83	0.170	9	10.2	12.9	240
1145	-	151.11	250	0.03	5.82	0.171	8	10.2	12.5	241

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/10/03

WELL #: GWM-2S

HNU READING: 0 ppm

TIME: 1030

DEPTH OF PUMP: 185 ft bgs

WEATHER CONDITIONS: sunny, mid-70's

SAMPLERS: J. DeFranco, Z. Youngman (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1145	Collected Sample - GWM-2S-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/3/03

WELL #: GWM-3S

HNU READING: 0.0 ppm

TIME: 1230

DEPTH OF PUMP: 172 ft bgs

WEATHER CONDITIONS: cloudy, in the upper 60's

SAMPLERS: M. Reindl, A. Caruso

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1237	-	148.49	Begin Purging							
1252	-	148.52	400	0.03	5.77	0.152	13.3	11.76	12.38	198.0
1256	-	148.52	400	0.03	5.75	0.150	7.51	11.69	12.61	201.7
1300	-	148.52	450	0.03	5.76	0.159	4.30	11.43	14.97	203.3
1309*	-	148.52	450	0.03	5.78	0.160	4.66	11.60	14.67	204.6
1313	-	148.52	450	0.03	5.77	0.160	2.55	11.44	14.62	207.5
1316	-	148.52	450	0.03	5.77	0.161	1.85	11.38	14.70	208.1
1319	-	148.52	450	0.03	5.77	0.163	1.20	11.28	14.74	208.1
1322	-	148.52	450	0.03	5.77	0.163	1.71	11.25	14.76	208.3
1325	-	148.52	450	0.03	5.77	0.163	1.91	11.24	14.76	208.7
1330	Collected Sample - GWM-3S-R2									

***Note:** generator stalled

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/3/03

WELL #: GWM-3I

HNU READING: 0.0 ppm

TIME: 1230

DEPTH OF PUMP: 202 ft bgs

WEATHER CONDITIONS: cloudy, in the upper 60's

SAMPLERS: J. DeFranco, K. Brusser (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1250	-	147.75	Begin Purging							
1250	-	147.75	500	0.00	6.17	0.258	70	10.19	11.9	224
1255	-	147.75	500	0.00	5.83	0.262	65	10.02	12.59	226
1300	-	147.75	500	0.00	5.78	0.265	60	9.96	13.00	224
1305	-	147.75	500	0.00	5.90	0.265	70	10.35	12.83	229
1310	-	147.75	500	0.00	5.83	0.264	73	10.40	12.80	230
1315	-	147.75	500	0.00	5.81	0.265	70	9.97	12.83	227
1320	-	147.75	500	0.00	5.76	0.264	75	9.90	13.00	225
1325	-	147.75	500	0.00	5.89	0.264	60	9.89	13.07	225
1330	-	147.75	500	0.00	5.88	0.264	65	9.83	13.06	225
1335	-	147.75	500	0.00	5.89	0.265	55	9.87	13.24	228
1340	-	147.75	500	0.00	5.90	0.266	45	9.92	13.33	229
1345	-	147.75	500	0.00	5.89	0.266	33	9.91	13.36	230

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/3/03

WELL #: GWM-31

HNU READING: 0.0 ppm

TIME: 1230

DEPTH OF PUMP: 202 ft bgs

WEATHER CONDITIONS: cloudy, in the upper 60's

SAMPLERS: J. DeFranco, K. Brusser (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1350	-	147.75	500	0.00	5.90	0.266	29	9.92	13.34	230
1350	Collected Sample - GWM-31-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/4/03

WELL #: GWM-4S

HNU READING: 0.0 ppm

TIME: 1245

DEPTH OF PUMP: 175 ft bgs

WEATHER CONDITIONS: raining, in the low 60's

SAMPLERS: M. Reindl, A. Caruso

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1310	-	159.8	Begin Purging							
1316	-	159.81	400	0.01	6.25	0.240	141	11.60	12.61	176.3
1319	-	159.81	400	0.01	6.27	0.242	137	11.48	12.88	174.1
1329	-	159.81	400	0.01	6.30	0.250	108	11.22	14.48	166.8
1333	-	159.81	400	0.01	6.30	0.313	85	11.15	14.93	165.2
1337	-	159.81	400	0.01	6.31	0.312	70	11.04	15.37	163.9
1341	-	159.81	400	0.01	6.31	0.311	66	10.96	15.70	163.9
1345	-	159.81	400	0.01	6.32	0.257	59.3	10.90	15.91	163.6
1349	-	159.81	400	0.01	6.32	0.258	53	10.85	16.05	164.3
1353	-	159.81	400	0.01	6.32	0.257	42	10.80	16.03	165.3
1357	-	159.81	400	0.01	6.32	0.257	46	10.78	16.08	165.1
1400	Collected Sample - GWM-4S-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/4/03

WELL #: GWM-4I

HNU READING: 0.0 ppm

TIME: 0815

DEPTH OF PUMP: 205 ft bgs

WEATHER CONDITIONS: heavy rain, in the low 60's

SAMPLERS: J. DeFranco, K. Brusser (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
0855	-	158.95	Begin Purging							
0855	-	158.95	500	0.00	5.37	0.229	250	11.16	12.3	223
0900	-	158.95	500	0.00	5.37	0.229	240	11.16	124	220
0905	-	158.95	500	0.00	5.36	0.233	230	11.1	12.9	216
0910	-	159.97	500	0.02	5.38	0.240	210	11.0	13.1	210
0915	-	159.97	500	0.02	5.60	0.236	75	11.1	13.6	235
0920	-	159.97	500	0.02	5.60	0.233	33	11.0	13.5	236
0925	-	159.97	500	0.02	5.60	0.232	26	10.8	13.5	236
0930	-	159.97	500	0.02	5.61	0.233	22	10.7	13.6	236
0935	-	159.97	500	0.02	5.63	0.233	31	10.7	13.7	236
0945	Collected Sample - GWM-4I-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/4/03

WELL #: GWM-4D

HNU READING: 0.0 ppm

TIME: 0830

DEPTH OF PUMP: 245 ft bgs

WEATHER CONDITIONS: heavy rain, in the low 60's

SAMPLERS: M. Reindl, A. Caruso

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
0900	-	159.4	Begin Purging							
0906	-	159.38	400	0.02	7.75	0.191	148	12.65	11.95	133.5
0913	-	159.38	400	0.02	7.03	0.200	149.42	11.77	12.51	157.6
0919	-	159.38	400	0.02	6.86	0.203	108	11.70	12.59	157.7
0924	-	159.38	400	0.02	6.83	0.203	79.7	11.62	12.83	157.2
0930	-	159.38	400	0.02	6.83	0.203	65.3	11.58	12.95	158.4
0934	-	159.38	400	0.02	6.83	0.203	54.1	11.55	13.05	159.3
0938	-	159.38	400	0.02	6.83	0.204	51.1	11.45	13.22	160.6
0942	-	159.38	400	0.02	6.83	0.205	44.2	11.47	13.28	161.1
0946	-	159.38	400	0.02	6.83	0.205	4.91	11.49	13.32	162.0
0945	Collected Sample - GWM-4D-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/3/03

WELL #: GWM-5S

HNU READING: 0.0 ppm

TIME: 0830

DEPTH OF PUMP: 45 ft bgs

WEATHER CONDITIONS: sunny, in the mid-60's

SAMPLERS: J. DeFranco, K. Brusser (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
0840	-	1.47	Begin Purging							
0840	-	1.47	500	0.00	6.91	0.335	>999	7.96	11.91	204
0850	-	1.49	500	0.02	6.80	0.348	45	7.76	12.05	180
0900	-	1.49	500	0.02	6.94	0.345	32	7.61	12.07	166
0905	-	1.49	500	0.02	6.95	0.344	27	7.61	12.08	170
0910	-	1.49	500	0.02	6.92	0.342	20	7.63	12.04	174
0915	-	1.49	500	0.02	6.93	0.343	15	7.62	12.10	174
0915	Collected Sample - GWM-5S-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/3/03

WELL #: GWM-5I

HNU READING: 0.0 ppm

TIME: 0825

DEPTH OF PUMP: 115 ft bgs

WEATHER CONDITIONS: partly sunny, in the mid-60's

SAMPLERS: M. Reindl, A. Caruso

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
0835	-	2.15	Begin Purging							
0838	-	2.17	400	0.02	6.17	0.326	1084	8.44	11.81	193.0
0848	-	2.17	400	0.02	6.22	0.329	1064	8.27	11.94	179.0
0852	-	2.17	400	0.02	6.24	0.331	892	8.31	11.94	173.6
0856	-	2.17	400	0.02	6.26	0.331	630	8.24	11.97	168.2
0900	-	2.17	400	0.02	6.25	0.330	412	8.28	12.02	167.9
0904	-	2.17	400	0.02	6.24	0.329	258	8.37	12.05	171.2
0908	-	2.17	400	0.02	6.23	0.328	199	8.41	12.02	173.6
0912	-	2.17	400	0.02	6.22	0.327	140	8.40	12.07	176.0
0916	-	2.17	400	0.02	6.21	0.326	138	8.42	12.08	179.4
0920	-	2.17	400	0.02	6.20	0.326	122	8.41	12.09	178.7

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/3/03

WELL #: GWM-5I

HNU READING: 0.0 ppm

TIME: 0825

DEPTH OF PUMP: 115 ft bgs

WEATHER CONDITIONS: partly sunny, in the mid-60's

SAMPLERS: M. Reindl, A. Caruso

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm ($\pm 3\%$)	TURBIDITY NTUs ($\pm 10\%$)	DISSOLVED OXYGEN mg/L ($\pm 10\%$)	TEMP. °C ($\pm 10\%$)	REDOX POTENTIAL mV (± 10 mv)
0924	-	2.17	400	0.02	6.20	0.326	115	8.42	12.11	180.3
0928	-	2.17	400	0.02	6.19	0.326	102.2	8.43	12.11	179.4
0932	-	2.17	400	0.02	6.19	0.326	84.6	8.41	12.13	178.1
0935	-	2.17	400	0.02	6.18	0.325	94.7	8.44	12.11	177.4
0938	-	2.17	400	0.02	6.18	0.325	84.7	8.42	12.12	179.2
0940	Collected Sample - GWM-5I-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/11/03

WELL #: GWM-5D

HNU READING: 0.0 ppm

TIME: 0800

DEPTH OF PUMP: 165 ft bgs

WEATHER CONDITIONS: sunny, in the upper-60's

SAMPLERS: J. DeFranco, Z. Youngman (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
0820	-	-6.35	Begin Purging							
0820	-	-6.35	1000	0.00	5.64	0.287	60	18.3	12.06	238.3
0825	-	-6.35	1000	0.00	5.68	0.287	340	6.92	12.10	236.2
0830	-	-6.35	350	0.10	5.66	0.295	400	7.56	13.64	230.1
0835	-	-6.35	300	0.10	5.80	0.297	310	8.01	13.18	224.6
0840	-	-6.35	300	0.10	5.81	0.299	200	7.90	13.87	229.1
0845	-	-6.35	300	0.10	5.79	0.299	130	7.93	13.86	229.4
0850	-	-6.35	300	0.10	5.80	0.300	128	7.91	13.86	229.1
0855	-	-6.35	300	0.10	5.79	0.299	129	7.96	13.86	228.6
0900	-	-6.35	300	0.10	5.79	0.299	127	7.92	13.86	229.2
0905	-	-6.35	300	0.10	5.78	0.299	75	7.75	13.91	228.8

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/11/03

WELL #: GWM-5D

HNU READING: 0.0 ppm

TIME: 0800

DEPTH OF PUMP: 165 ft bgs

WEATHER CONDITIONS: sunny, in the upper-60's

SAMPLERS: J. DeFranco, Z. Youngman (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
0910	-	-6.35	300	0.10	5.78	0.300	60	7.79	14.05	226.3
0915	-	-6.35	300	0.10	5.81	0.303	50	7.76	14.35	229.1
0920	-	-6.35	300	0.10	5.87	0.307	48	7.59	14.80	229.3
0925	-	-6.35	300	0.10	5.85	0.305	45	7.50	14.50	231.6
0930	-	-6.35	300	0.10	5.84	0.307	50	7.47	14.50	230.1
0935	-	-6.35	300	0.10	5.86	0.307	50	7.46	14.49	229.6
0935	Collected Sample - GWM-5D-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/9/03

WELL #: GWM-6S

HNU READING: 0.0 ppm

TIME: 1030

DEPTH OF PUMP: 193 ft bgs

WEATHER CONDITIONS: overcast, in the 60's

SAMPLERS: J. DeFranco, K. Brusser (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1045	-	145.95	Begin Purging							
1045	-	145.95	500	0.00	5.80	0.215	23	8.22	12.6	176
1050	-	145.95	500	0.00	5.79	0.216	21	8.73	13.4	201
1055	-	145.97	500	0.02	5.90	0.219	14	8.44	13.6	212
1100	-	145.97	500	0.02	5.93	0.223	11	8.32	13.6	215
1105	-	145.97	500	0.02	5.91	0.225	11	8.28	13.6	220
1110	-	145.97	500	0.02	5.92	0.225	9.8	8.21	13.7	224
1115	-	145.97	500	0.02	5.92	0.224	8.3	8.20	13.7	226
1115	Collected Sample - GWM-6S-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/4/03

WELL #: GWM-6I

HNU READING: 0.0 ppm

TIME: 1300

DEPTH OF PUMP: 225 ft bgs

WEATHER CONDITIONS: rain, in the 60's

SAMPLERS: J. DeFranco, Z. Youngman (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1320	-	145.21	Begin Purging							
1320	-	145.21	500	0.00	6.86	0.229	8.3	4.31	11.6	151
1325	-	145.21	500	0.00	7.23	0.241	250	1.59	11.7	155
1330	-	145.21	500	0.00	7.46	0.238	240	1.60	11.8	149
1335	-	145.21	500	0.00	7.60	0.235	160	1.65	11.8	153
1340	-	145.21	500	0.00	7.73	0.233	168	1.41	11.8	158
1345	-	145.21	500	0.00	7.80	0.230	200	1.27	11.8	161
1350	-	145.21	500	0.00	7.80	0.232	210	1.26	11.7	160
1355	-	145.21	500	0.00	7.80	0.232	200	1.26	11.7	162
1400	-	145.21	500	0.00	7.81	0.233	240	1.16	11.8	165
1405	-	145.21	500	0.00	7.81	0.233	300	1.14	11.8	163

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/4/03

WELL #: GWM-61

HNU READING: 0.0 ppm

TIME: 1300

DEPTH OF PUMP: 225 ft bgs

WEATHER CONDITIONS: rain, in the 60's

SAMPLERS: J. DeFranco, Z. Youngman (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm ($\pm 3\%$)	TURBIDITY NTUs ($\pm 10\%$)	DISSOLVED OXYGEN mg/L ($\pm 10\%$)	TEMP. °C ($\pm 10\%$)	REDOX POTENTIAL mV (± 10 mv)
1410	-	145.21	500	0.00	7.80	0.234	280	1.15	11.8	162
1415	-	145.21	500	0.00	7.78	0.234	280	1.15	11.8	162
1420	-	145.21	500	0.00	7.78	0.234	280	1.15	11.8	162
1420	Collected Sample - GWM-5D-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/10/03

WELL #: GWM-7

HNU READING: 0.0 ppm

TIME: 0830

DEPTH OF PUMP: 129 ft bgs

WEATHER CONDITIONS: sunny, in the upper 70's

SAMPLERS: M. Reindl, A. Caruso

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
0915	-	114.91	Begin Purging							
0918	-	114.88	400	0.03	5.38	0.258	54.9	11.09	15.34	269.2
0922	-	114.88	400	0.03	5.42	0.261	56.8	11.14	15.49	269.8
0926	-	114.88	400	0.03	5.44	0.262	44.5	11.21	15.80	270.0
0930	-	114.88	400	0.03	5.46	0.264	29	11.06	16.40	268.6
0934	-	114.88	400	0.03	5.48	0.269	21.3	10.80	17.80	265.9
0938	-	114.88	400	0.03	5.51	0.268	20.8	10.69	18.80	263.6
0942	-	114.88	400	0.03	5.52	0.261	12.5	10.75	18.83	261.9
0946	-	114.88	400	0.03	5.54	0.260	13.5	10.66	18.85	260.9
0950	-	114.88	400	0.03	5.54	0.261	12.7	10.65	18.86	261.3
0955	Collected Sample - GWM-7-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/09/03

WELL #: GWM-A

HNU READING: 0.0 ppm

TIME: 1104

DEPTH OF PUMP: 133 ft bgs

WEATHER CONDITIONS: cloudy (overcast), humid, low 60's

SAMPLERS: M. Reindl, A. Caruso

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1125	-	113.43	Begin Purging							
1127	-	113.52	400	0.09	6.20	0.158	328	8.73	12.48	186.0
1131	-	113.52	400	0.09	6.30	0.159	325	9.61	12.56	183.3
1135	-	113.52	400	0.09	6.33	0.159	252	9.64	12.65	183.2
1139	-	113.52	400	0.09	6.35	0.160	167	9.54	12.80	182.3
1143	-	113.52	400	0.09	6.36	0.162	118	9.38	13.50	180.0
1147	-	113.52	400	0.09	6.37	0.166	100.1	9.31	14.52	177.7
1151	-	113.52	400	0.09	6.38	0.169	83	9.32	15.00	177.0
1155	-	113.52	400	0.09	6.39	0.171	81.6	9.29	15.30	176.4
1158	-	113.52	400	0.09	6.39	0.172	75.3	9.22	15.35	177.3
1202	-	113.52	400	0.09	6.39	0.172	77.3	9.20	15.40	177.8
1205	Collected Sample - GWM-A-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/5/03

WELL #: GWM-C

HNU READING: 0.0 ppm

TIME: 0845

DEPTH OF PUMP: 170 ft bgs

WEATHER CONDITIONS: cloudy, in the 60's

SAMPLERS: M. Reindl, A. Caruso

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
0900	-	148.96	Begin Purging							
0903	-	1148.93	400	0.03	5.85	0.197	131	11.67	11.82	186.8
0907	-	148.93	400	0.03	5.88	0.197	42.8	11.63	11.72	190.7
0911	-	148.93	400	0.03	5.88	0.200	31.5	11.49	12.36	192.5
0915	-	148.93	400	0.03	5.89	0.202	21	11.43	12.91	193.3
0919	-	148.93	400	0.03	5.89	0.205	19.4	11.38	12.96	194.6
0923	-	148.93	400	0.03	5.90	0.207	16.9	11.34	12.98	196.0
0925	Collected Sample - GWM-C-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/5/03

WELL #: GWM-D

HNU READING: 0.0 ppm

TIME: 1215

DEPTH OF PUMP: 90 ft bgs

WEATHER CONDITIONS: rain, in the mid-60's

SAMPLERS: J. DeFranco, K. Brusser (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1305	-	75.18	Begin Purging							
1305	-	75.18	500	0.00	6.69	0.140	120	3.20	11.5	196
1310	-	75.25	500	0.07	6.72	0.139	140	2.28	11.5	193
1315	-	75.25	500	0.07	6.66	0.139	120	2.01	11.6	192
1320	-	75.25	500	0.07	6.71	0.139	90	1.87	11.7	191
1325	-	75.25	500	0.07	6.77	0.140	45	1.75	11.9	191
1330	-	75.25	500	0.07	6.80	0.140	24	1.60	12.0	191
1335	-	75.21	500	0.03	6.81	0.140	17	1.60	12.1	191
1340	-	75.21	500	0.03	6.81	0.140	12	1.56	12.1	191
1345	-	75.21	500	0.03	6.81	0.140	9.7	1.52	12.2	191
1345	Collected Sample - GWM-C-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/5/03

WELL #: GWM-E

HNU READING: 0.0 ppm

TIME: 1300

DEPTH OF PUMP: 225 ft bgs

WEATHER CONDITIONS: cloudy, in the 60's

SAMPLERS: M. Reindl, A. Caruso

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1405*	-	144.73	Begin Purging							
1409	-	144.83	475	0.10	7.44	0.292	163	9.95	12.17	114.8
1413	-	144.83	400	0.10	7.61	0.294	249	9.73	13.02	92.0
1418	-	144.79	400	0.04	7.70	0.294	216	10.02	12.56	88.4
1422	-	144.81	400	0.08	7.73	0.289	176	10.08	11.90	90.8
1426	-	144.81	400	0.08	7.72	0.286	104	10.02	11.87	95.1
1430	-	144.81	400	0.08	7.73	0.287	82.5	9.99	12.11	97.7
1434	-	144.81	400	0.08	7.73	0.290	57.2	9.95	12.51	100.9
1438	-	144.81	400	0.08	7.74	0.292	40.6	9.94	12.93	103.1
1442	-	144.81	400	0.08	7.74	0.293	35	9.97	12.84	104.8
1446	-	144.81	400	0.08	7.75	0.293	32.5	9.98	12.93	107.1
1450	Collected Sample - GWM-E-R2									

***Note:** problems with tubing; had to reinstall before purging.

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/10/03

WELL #: GWM-F

HNU READING: 0.0 ppm

TIME: 1320

DEPTH OF PUMP: 192 ft bgs

WEATHER CONDITIONS: clear, high 70's

SAMPLERS: M. Reindl, A. Caruso

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
1345	-	119.76	Begin Purging							
1350	-	120.51	375	-0.75	9.44	0.225	>999	5.67	15.60	9.35
1357	-	120.45	425	-0.81	9.45	0.221	>999	5.78	15.31	127.6
1402	-	120.61	425	-0.85	8.86	0.227	>999	5.41	15.07	169.4
1407	-	120.61	425	-0.85	8.31	0.238	>999	4.83	15.15	209.7
1412	-	120.61	425	-0.85	8.08	0.245	669	5.09	16.07	236.1
1417	-	120.68	425	-0.92	7.96	0.244	421	4.77	16.20	255.6
1422	-	120.68	425	-0.92	7.86	0.241	302	4.70	15.98	277.9
1427	-	120.76	425	-0.100	7.80	0.241	203	4.66	16.33	295.5
1432	-	120.80	425	-1.04	7.76	0.240	149	4.66	16.31	313.2
1437	-	120.86	425	-1.10	7.72	0.239	117	4.71	16.39	329.9

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/10/03

WELL #: GWM-F

HNU READING: 0.0 ppm

TIME: 1320

DEPTH OF PUMP: 192 ft bgs

WEATHER CONDITIONS: clear, high 70's

SAMPLERS: M. Reindl, A. Caruso

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm ($\pm 3\%$)	TURBIDITY NTUs ($\pm 10\%$)	DISSOLVED OXYGEN mg/L ($\pm 10\%$)	TEMP. °C ($\pm 10\%$)	REDOX POTENTIAL mV (± 10 mv)
1442	-	120.86	425	-1.10	7.69	0.237	93.3	4.76	16.30	343.1
1447	-	120.86	425	-1.10	7.63	0.236	82.8	4.85	16.25	354.6
1452	-	120.96	425	-1.20	7.61	0.235	76.9	4.90	16.34	369.4
1457	-	121.0	425	-1.20	7.60	0.234	54.8	4.95	16.27	374.2
1500	-	121.0	425	-1.20	7.60	0.233	53.8	5.01	16.25	382.6
1503	-	121.0	425	-1.20	7.59	0.232	55.9	4.97	16.23	380.2
1510	Collected Sample - GWM-F-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/5/03

WELL #: GWM-G

HNU READING: 0.0 ppm

TIME: 0830

DEPTH OF PUMP: 295 ft bgs

WEATHER CONDITIONS: overcast, in the mid-50's

SAMPLERS: J. DeFranco, K. Brusser (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm (± 3%)	TURBIDITY NTUs (± 10%)	DISSOLVED OXYGEN mg/L (± 10%)	TEMP. °C (± 10%)	REDOX POTENTIAL mV (± 10 mv)
0855	-	144.25	Begin Purging							
0855	-	144.25	500	0.00	6.00	0.084	>999	4.72	11.5	173
0900	-	144.31	500	0.06	5.92	0.070	>999	2.34	11.3	137
0905	-	144.31	500	0.06	5.90	0.070	>999	2.03	11.6	146
0910	-	144.32	500	0.07	6.20	0.077	380	2.69	11.8	150
0915	-	144.32	500	0.07	6.25	0.078	95	2.38	11.9	156
0920	-	144.32	500	0.07	6.26	0.079	60	2.35	12.0	155
0925	-	144.32	500	0.07	6.27	0.079	40	2.33	12.1	158
0930	-	144.32	500	0.07	6.27	0.080	29	2.32	12.2	162
0935	-	144.32	425	0.07	6.27	0.080	22	2.32	12.3	164
0940	-	144.32	425	0.07	6.28	0.081	21	2.33	12.3	166

**SMITHTOWN GROUNDWATER CONTAMINATION SITE
LOW FLOW GROUNDWATER SAMPLING - ROUND 2**

DATE: 6/5/03

WELL #: GWM-G

HNU READING: 0.0 ppm

TIME: 0830

DEPTH OF PUMP: 295 ft bgs

WEATHER CONDITIONS: overcast, in the mid-50's

SAMPLERS: J. DeFranco, K. Brusser (Grosser)

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml per min)	DRAWDOWN feet (± 0.3 FT)	pH (± 0.1 SU)	SPECIFIC COND. mS/cm ($\pm 3\%$)	TURBIDITY NTUs ($\pm 10\%$)	DISSOLVED OXYGEN mg/L ($\pm 10\%$)	TEMP. °C ($\pm 10\%$)	REDOX POTENTIAL mV (± 10 mv)
0945	-	144.32	425	0.07	6.28	0.081	18	2.33	12.3	168
0950	Collected Sample - GWM-G-R2									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Appendix F

Photos of Surface Water Flow Adjacent to Culvert

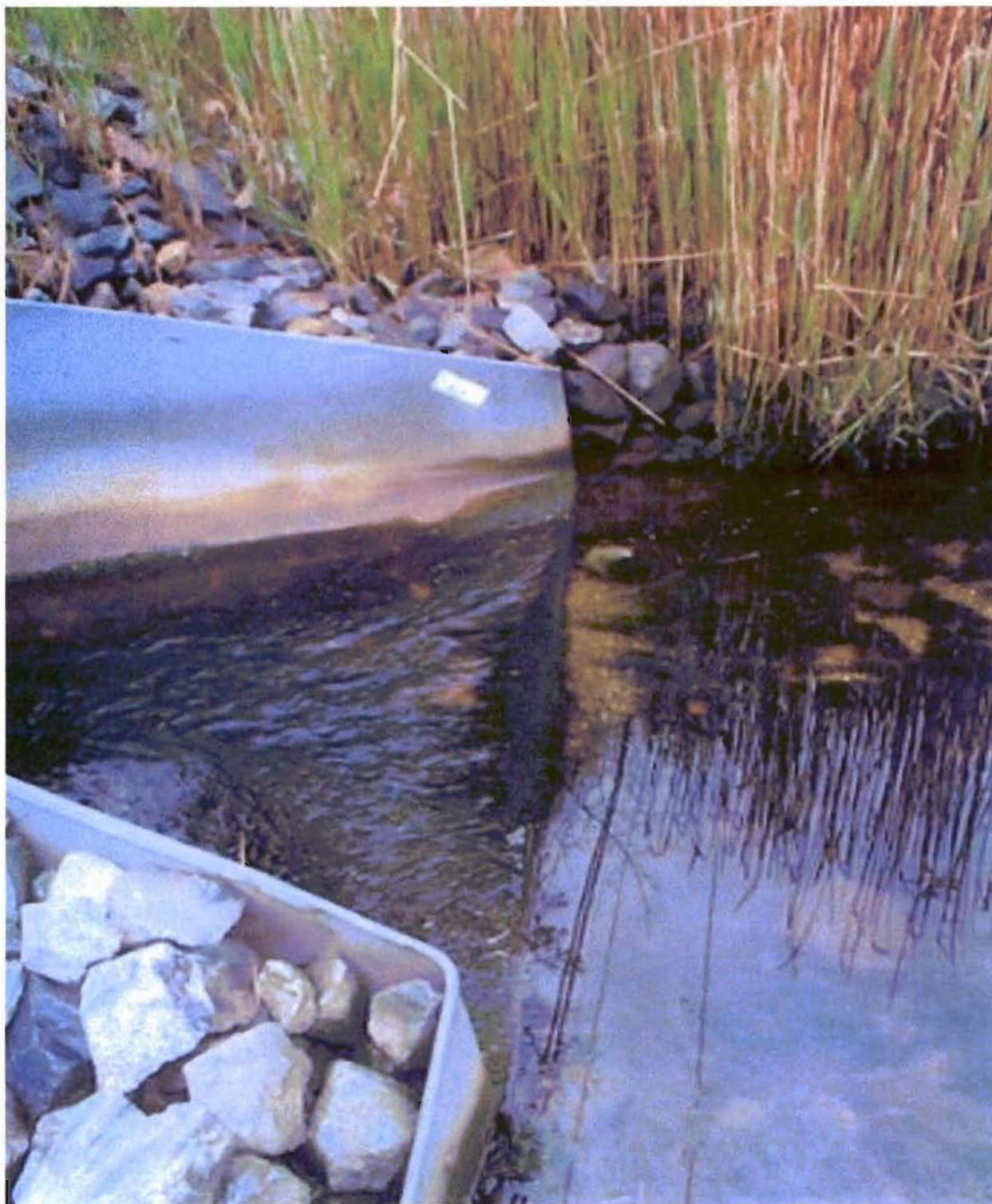


Photo 1

Drainage Culvert and Weir Under Harbor Road at Low Tide - South Side

CDM

Remedial Investigation/Feasibility Study
Smithtown Groundwater Contamination Site
Smithtown, New York



Appendix G
Full Analytical Data Tables

Residential Groundwater

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	1-FOXRUN-R4 B0RQ9 4/23/2003	1-HIGH-R1 BYJ79 7/15/1999	1-SMITHL-R4 B0S96 4/30/2003	1-TRACKL-R4 B0RR6 4/24/2003
1-Residen-Voas							
1-Resident-Voas							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	0 R	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	2 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	2	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	7.5 U	5 U	8.2 U	6.6 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.9 J	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	2	0.5 U	0.26 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	2	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	1 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\	1-FOXRUN-R4 B0RQ9 4/23/2003	1-HIGH-R1 BYJ79 7/15/1999	1-SMITHL-R4 B0S96 4/30/2003	1-TRACKL-R4 B0RR6 4/24/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
75-25-2	Bromoforn	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	1 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit	1-WETHL-R1 BYL26 7/28/1999	1-WETHL-R1-DUP BYL27 7/28/1999	1-WETHL-R2 B08W3 5/15/2001	1-WETHL-R4 B0SA3 4/21/2003
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L					0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L					0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L					0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	2 U	2 U	2 U	2 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L					0.32 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R	5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
110-82-7	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
56-23-5	Cyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
71-43-2	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
107-06-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
79-01-6	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
108-87-2	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
78-87-5	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
75-27-4	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
10061-01-5	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
108-10-1	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
108-88-3	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
10061-02-6	Toluene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
79-00-5	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
127-18-4	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
591-78-6	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
124-48-1	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
106-93-4	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	1-WETHL-R1 BYL26 7/28/1999	1-WETHL-R1-DUP BYL27 7/28/1999	1-WETHL-R2 B08W3 5/15/2001	1-WETHL-R4 B0SA3 4/21/2003
108-90-7	Chlorobenzene	OLC03-2-V		ug/L	1 U	1 U	1 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V		ug/L	1 U	1 U	1 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V		ug/L	1 U	1 U	1 U	0.5 U
100-42-5	Styrene	OLC03-2-V		ug/L	1 U	1 U	1 U	0.5 U
75-25-2	Bromoform	OLC03-2-V		ug/L	1 U	1 U	1 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V		ug/L	1 U	1 U	1 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V		ug/L	1 U	1 U	1 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	1 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	1 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	1 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V		ug/L	0 R	0 R	0 R	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	1 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	1 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V		ug/l	1 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code	Sample Name	Sample Date	Unit	Analytic Method	1-WETHL-R4-DUP B0S69 4/21/2003	10-TURTCR-R2 B08W0 5/14/2001	10-TURTCR-R4 B0SB7 4/8/2003	10-WOODCR-R4 B0RR4 4/23/2003
(Group Code)	(Group Description)									
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1									
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L				0.5 UJ		0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L				0.42 J	1 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L				0.5 UJ		0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L				0.5 UJ		0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L				5 UJ	0 R	5 U	5 UJ
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L				0.5 UJ		0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L				0.5 UJ	2 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L				0.2 J		0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L				5 R	0 R	5 U	5.8 UJ
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				0.5 UJ		0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L				0.5 UJ		0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L				0.5 UJ	1 U	0.1 J	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L				0.5 UJ		0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L				0.5 UJ		0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L				5 R	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L				0.5 R	1 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L				5 R	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L				0.5 UJ	1 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	1-WETHL-R4-DUP B0S69 4/21/2003	10-TURTCR-R2 B08W0 5/14/2001	10-TURTCR-R4 B0SB7 4/8/2003	10-WOODCR-R4 B0RR4 4/23/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 R	1 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 R	1 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 R	1 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 R	1 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 UJ	1 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 R	1 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 R	1 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 R	1 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 R	1 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 R	1 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 UJ	0 R	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 R	1 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 R	1 U	0.5 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 UJ	1 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code	11-STONE-R1 BYK43 7/29/1999	11-WATER-R1 BYK87 7/8/1999	11-WOODCUT-R4 B0RR9 4/29/2003	12-FELLS-R1 BYJ22 8/25/1999
(Group Code)	(Group Description)	Analytic Method	Sample Name	Sample Date	Unit \\\	
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L			
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.64	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0 R	0.5 U	0 R
67-64-1	Acetone	OLC03-2-V	ug/L	1 U	5 U	1 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	2 U	0.5 U	2 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	0.39 J	1 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 J	0.5 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0 R	5 U	0 R
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	2	0.5 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 J	0.5 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	0 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	11-STONE-R1 BYK43 7/29/1999	11-WATER-R1 BYK87 7/8/1999	11-WOODCUT-R4 B0RR9 4/29/2003	12-FELLS-R1 BYJ22 8/25/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	12-FELLS-R2 BYZ58 5/9/2001	12-HARBH-R2 BYZ57 5/9/2001	12-HARBR-R1 BYJ51 8/30/1999	12-HARBR-R4 BOSB5 4/14/2003
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	11 UJ	9 UJ	0 R	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	2 U	2 U	2 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1.7
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	4	0 R	0 R	5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	1 U	0.24 J
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.12 J
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	2	1	1 U	0.85
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	0 R	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	12-FELLS-R2 BYZ58 5/9/2001	12-HARBH-R2 BYZ57 5/9/2001	12-HARBR-R1 BYJ51 8/30/1999	12-HARBR-R4 B0SB5 4/14/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0 R	0 R	1 U	1 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	12-HARBR2-R4 BOSC4 4/14/2003	12-HIGH-R1 BYJ74 7/7/1999	12-HIGH-R2 B08X8 5/17/2001	12-HIGH-R4 BOSB4 4/9/2003
(Group Code)	(Group Description)						
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U			0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U			0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U			0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	0 R	26 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U			0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	2 U	2 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U			0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.18 J	1 U	1 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	0 R	0 R	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.47 J	1 U	1 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U			0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.1 J	1 U	1 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U			0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.22 J	1 U	1 U	0.21 J
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\	12-HARBR2-R4 B0SC4 4/14/2003	12-HIGH-R1 BYJ74 7/7/1999	12-HIGH-R2 B08X8 5/17/2001	12-HIGH-R4 B0SB4 4/9/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0 R	0 R	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	12-WOODCR-R4 BOX78 6/11/2003	14-WATER-R1 BYK85 7/28/1999	15-CARL-R1 BYJ14 8/3/1999	15-CARL-R2 B08T2 5/10/2001
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	ug/L		0.5 U			
74-87-3	Chloromethane	ug/L		0.5 U	1 U	1 U	1 U
75-01-4	Vinyl Chloride	ug/L		0.5 U	1 U	1 U	1 U
74-83-9	Bromomethane	ug/L		0.5 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L		0.5 U	1 U	1 U	1 U
75-69-4	Trichlorofluoromethane	ug/L		0.5 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L		0.5 U	1 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L		0.5 U	1 U	1 U	1 U
67-64-1	Acetone	ug/L		7.4 U	0 R	0 R	14 U
75-15-0	Carbon Disulfide	ug/L		0.5 U	1 U	1 U	1 U
79-20-9	Methyl Acetate	ug/L		0.5 U	1 U	1 U	1 U
75-09-2	Methylene Chloride	ug/L		0.5 U	2 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	ug/L		0.5 U	1 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	ug/L		0.5 U	1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	ug/L		0.5 U	1 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	ug/L		0.5 U	1 U	1 U	1 U
78-93-3	2-Butanone	ug/L		5 U	0 R	0 R	0 R
75-97-5	Bromochloromethane	ug/L		0.7 U	1 U	1 U	1 U
67-66-3	Chloroform	ug/L		0.5 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L		0.5 U	1 U	1 U	1 U
110-82-7	Cyclohexane	ug/L		0.5 U	1 U	1 U	1 U
56-23-5	Carbon Tetrachloride	ug/L		0.5 U	1 U	1 U	1 U
71-43-2	Benzene	ug/L		0.5 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L		0.5 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L		0.5 U	1 U	1 U	1 U
108-87-2	Methylcyclohexane	ug/L		0.5 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L		0.5 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L		0.5 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L		0.5 U	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	ug/L		5 U	5 U	0 R	5 U
108-88-3	Toluene	ug/L		0.5 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L		0.5 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L		0.5 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L		0.5 U	1 U	1 U	1 U
591-78-6	2-Hexanone	ug/L		5 U	5 U	0 R	5 U
124-48-1	Dibromochloromethane	ug/L		0.5 U	1 U	1 U	1 U
106-93-4	1,2-Dibromoethane	ug/L		0.5 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	12-WOODCR-R4 BOX78 6/11/2003	14-WATER-R1 BYK85 7/28/1999	15-CARL-R1 BYJ14 8/3/1999	15-CARL-R2 B08T2 5/10/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0 R	1 UJ	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 UJ
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 15 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	15-CARL-R4 BOSB3 4/30/2003	15-HIGH-R1 BYJ78 7/7/1999	15-HIGH-R2 B08X7 5/17/2001	15-HIGH-R4 B0SB2 4/9/2003	15-STONE-R1 BYK42 7/15/1999
(Group Code)	(Group Description)							
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 UJ			0.5 U	
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U			0.5 U	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U			0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L	5 UJ	0 R	21 UJ	5 U	5 UJ
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U			0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	2 U	2 U	0.5 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	8.4 J			0.5 U	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 UJ	0 R	0 R	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L					
67-66-3	Chloroform	OLC03-2-V	ug/L	0.6 U	1 U	1 U	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U			0.5 U	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.1 J	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U			0.5 U	
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U			0.5 U	
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U			0.5 U	
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 UJ	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.41 J	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	15-CARL-R4 B0SB3 4/30/2003	15-HIGH-R1 BYJ78 7/7/1999	15-HIGH-R2 B08X7 5/17/2001	15-HIGH-R4 B0SB2 4/9/2003	15-STONE-R1 BYK42 7/15/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0 R	0 R	0 R	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	1 U	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 17 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	15-STONE-R2 B08T9 5/14/2001	15-STONE-R4 B0SB0 4/8/2003	16-BGBK-R1 BYH97 8/24/1999	16-BGBK-R1-DUP BYL40 8/24/1999
(Group Code)	(Group Description)						
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U		
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.5 U		
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U		
67-64-1	Acetone	OLC03-2-V	ug/L	22 U	5 U	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0.5 U		
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	0.5 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L		0.5 U		
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	5 U	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U		
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L		0.5 U		
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L		0.5 U		
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	0 R	0 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	15-STONE-R2 B08T9 5/14/2001	15-STONE-R4 B0SB0 4/8/2003	16-BGBK-R1 BYH97 8/24/1999	16-BGBK-R1-DUP BYL40 8/24/1999
108-90-7	Chlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V		ug/L		0.5 U		
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V		ug/L	0 R	0.5 U	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V		ug/L		0.5 U		
74-97-5	Chlorobromomethane	OLC03-2-V		ug/l	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	16-BGBK-R2 BYZ48 5/7/2001	16-MORI-R1 BYL29 7/29/1999	16-WATER-R1 BYK86 7/12/1999	16-WATER-R2 B08W1 5/14/2001
(Group Code)	(Group Description)	Analytic Method	Unit \\\			
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 J	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0 R	0 R	5 UJ
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0 R	0 R	1 U
67-64-1	Acetone	OLC03-2-V	ug/L	1 U	1 U	1 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	2 U	2 U	2 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	1 U	1 U	1 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	2	1 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	3	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0 R	0 R	0 R
78-93-3	2-Butanone	OLC03-2-V	ug/L	0.5 J	1 U	1 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	3	0.7 J	1 U
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	2	0.8 J
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1	2	0.8 J
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	5 U	5 U	5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	1 U	1 U	1 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	3	0.7 J	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 UJ	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	16-BGBK-R2 BYZ48 5/7/2001	16-MORI-R1 BYL29 7/29/1999	16-WATER-R1 BYK86 7/12/1999	16-WATER-R2 B08W1 5/14/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0 R	0 R	1 U	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	17-PIN-R1 BYK08 7/28/1999	17-PIN-R3 BOL64 3/21/2002	17-PIN-R4 BORR5 4/23/2003	17-STONE-R1 BYK40 7/21/1999	17-STONE-R2 B0907 5/29/2001
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1								
75-71-8	Dichlorodifluoromethane	OLC03-2-V		ug/L		0.5 U	0.5 U	1 U	1 U
74-87-3	Chloromethane	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V		ug/L		0.5 U	0.5 U		
75-35-4	1,1-Dichloroethene	OLC03-2-V		ug/L	1	0.5 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V		ug/L		0.5 U	0.5 U		
67-64-1	Acetone	OLC03-2-V		ug/L	0 R	5 U	5 U	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V		ug/L		0 R	0.5 U		
75-09-2	Methylene Chloride	OLC03-2-V		ug/L	2 U	0.5 U	0.5 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V		ug/L		0.5 U	0.46 J		
75-34-3	1,1-Dichloroethane	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	2	3
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V		ug/L	0 R	5 U	7.3 U	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V		ug/L		0.5 U			
67-66-3	Chloroform	OLC03-2-V		ug/L	1 U	0.5 U	0.35 J	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V		ug/L	8	6.3	5.4	2	4
110-82-7	Cyclohexane	OLC03-2-V		ug/L		0.5 U	0.5 U		
56-23-5	Carbon Tetrachloride	OLC03-2-V		ug/L	1 U	0.5 U	0.79	1 U	1 U
71-43-2	Benzene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	0.8 J	1
78-87-5	1,2-Dichloropropane	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V		ug/L	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	0.5 J	0.8 J
124-48-1	Dibromochloromethane	OLC03-2-V		ug/L	5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	17-PIN-R1 BYK08 7/28/1999	17-PIN-R3 BOL64 3/21/2002	17-PIN-R4 BORR5 4/23/2003	17-STONE-R1 BYK40 7/21/1999	17-STONE-R2 B0907 5/29/2001
108-90-7	Chlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V		ug/L		0.5 U	0.5 U		
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V		ug/L	0 R	0.5 U	0.5 U	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	0.5 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V		ug/L		0.5 U	0.5 U		
74-97-5	Chlorobromomethane	OLC03-2-V		ug/l	1 U		0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	17-STONE-R3 BOL69 3/25/2002	17-STONE-R4 B0SA7 4/14/2003
(Group Code)	(Group Description)				
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1				
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.69	0.79
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1.6	1.2
78-93-3	2-Butanone	OLC03-2-V	ug/L	0.5 U	0.5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	5 U	5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	2.5	1.9
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.71	0.48 J
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0.61	0.37 J
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\	17-STONE-R3 BOL69 3/25/2002	17-STONE-R4 B0SA7 4/14/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Gas Rn	Chemical Name	Sample Code	Sample Name	Sample Date	Analytic Method	Unit	18-HARBR-R1 B08X1 5/16/2001	18-HARBR-R2 B08X1 5/16/2001	18-HARBR-R4 B08A6 4/8/2003	19-CARL-R1 BYJ13 7/14/1999
(Group Code)	(Group Description)									
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1									
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L						0.5 U	
74-87-3	Chloromethane	OLC03-2-V	ug/L				1 U		0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L				1 U		0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L				1 U		0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L				1 U		0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L						0.5 U	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L				1 U		0.5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L						0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L				0 R	16 U	5 U	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L				1 U		0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L						0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L				2 U		0.5 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L				1 U		0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L						0.16 J	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L				1 U		0.5 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L				1 U		0.5 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L				0 R		5 U	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L							
67-66-3	Chloroform	OLC03-2-V	ug/L				1 U		0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L				1 U		0.5 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L						0.5 U	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L				1 U		0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L				1 U		0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L				1 U		0.5 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L				1 U		0.5 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L						0.5 U	
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L				1 U		0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L				1 U		0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L				1 U		0.5 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L				5 U		5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L				1 U		0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L				1 U		0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L				1 U		0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L				1 U		0.5 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L				0 R		5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L				1 U		0.5 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L				1 U		0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	18-HARBR-R1 BYJ50 8/23/1999	18-HARBR-R2 B08X1 5/16/2001	18-HARBR-R4 B0SA6 4/8/2003	19-CARL-R1 BYJ13 7/14/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	19-CARL-R2 B08T4 5/11/2001	19-CARL-R4 B0SA5 4/10/2003	19-PIN-R1 BYK06 7/13/1999	19-STONE-R1 BYK41 7/21/1999
(Group Code)	(Group Description)						
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U		
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.5 U		
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U		
67-64-1	Acetone	OLC03-2-V	ug/L	22 U	5 U	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0.5 U		
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	0.5 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L		0.77		
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.9 J
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	5 U	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	0.17 J	3	1
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U		
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	0.11 J	1 U	0.5 J
79-01-6	Trichloroethene	OLC03-2-V	ug/L		0.5 U		
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	19-CARL-R2 B08T4 5/11/2001	19-CARL-R4 B0SA5 4/10/2003	19-PIN-R1 BYK06 7/13/1999	19-STONE-R1 BYK41 7/21/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1	U	0.5	U	1
100-42-5	Styrene	OLC03-2-V	ug/L	1	U	0.5	U	1
75-25-2	Bromoform	OLC03-2-V	ug/L	1	U	0.5	U	1
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1	U	0.5	U	1
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0	R	0.5	U	1
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1	U	0.5	U	1

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

9/23/2003
Page 29 of 148

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	19-WOODCR-R4 BOX79 6/11/2003	2-FRIENW-R1 BYJ28 8/25/1999	2-OPL-R1 BYK02 7/12/1999	2-OPL-R2 B0920 6/1/2001	2-OPL-R4 B0S90 4/17/2003
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U				0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U			1 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U			1 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U			1 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U			1 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U				0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U			1 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U				0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U				5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0 R	0 R	0 R	5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U				0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	2 U	2 U	2 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U				0.13 J
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	2	0.57
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	0 R	0 R	1 U	0.5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				0 R	5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	4	0.93 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U				0.5 R
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 R
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 R
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 R
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 R
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U			1 U	5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U				0.5 R
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 R
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 R
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	0.5 R
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 R
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 R
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.9 J	0.5 R
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U		0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	0 R	5 U	5 U	5 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 R
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 R

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	19-WOODCR-R4 BOX79 6/11/2003	2-FRIENW-R1 BYJ28 8/25/1999	2-OPL-R1 BYK02 7/12/1999	2-OPL-R2 B0920 6/1/2001	2-OPL-R4 B0S90 4/17/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5	U	1	U	1	U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5	U	1	U	1	U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5	U	1	U	1	U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5	U	1	U	0	R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	0.5	U	1	U	1	U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

9/23/2003
Page 31 of 148

Gas Rn	Chemical Name	Sample Code Sample Name Sample Date	2-SMITHL-R4 BOX77 6/6/2003	2-SWEETH-R4 BOX81 6/11/2003	2-TEAL-R1 BYK56 7/22/1999	2-WATER-R1 BYK83 7/8/1999	2-WATER-R2 BOXW4 5/15/2001
(Group Code)	(Group Description)	Analytic Method	Unit \\\				
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U			
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U			
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U			
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	0 R	0 R	6 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U			
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	2 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U			
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.6 J	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 U	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.5 U			
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U			
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U			
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.6 J	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	2-SMITHL-R4 BOX77 6/6/2003	2-SWEETH-R4 BOX81 6/11/2003	2-TEAL-R1 BYK56 7/22/1999	2-WATER-R1 BYK83 7/8/1999	2-WATER-R2 B08W4 5/15/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L		0.5 U	0.5 U	1 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L		0.5 U	0.5 U	1 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L		0.5 U	1.2	1 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L		0.5 U	0.5 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	1 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L		0.5 U	0.5 U	1 U	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	1 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	1 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l		0.5 U	0.5 U	1 U	1 U	1 U

Gas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	20-HARBR-R1 BYL47 8/30/1999	20-SPRINGH-R4 B0RR1 4/23/2003	21-BGBK-R2 B0916 5/31/2001	21-BGBK-R3 B0L72 3/26/2002
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U		0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.5 U		0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	2	1.3
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U		0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	5 U	4 J	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0.5 U		0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	0.5 U	2 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L		0.5 U		0.57
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1	0.72
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	5 U	0 R	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.7 J	0.17 J	6	4.8
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U		0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	2	0.5 U	4	2.5
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L		0.5 U		0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0 R	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	20-HARBR-R1 BYL47 8/30/1999	20-SPRINGH-R4 B0RR1 4/23/2003	21-BGBK-R2 B0916 5/31/2001	21-BGBK-R3 B0L72 3/26/2002
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U	
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U	
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U	
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U	
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U	
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U	
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U	
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U	
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U	
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0.5 U	0 R	0.5 U	
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U	
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	0.5 U	
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	0.5 U	1 U	0.5 U	

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	21-BGBK-R4 B0RQ2 4/17/2003	21-CARL-R1 BYJ15 7/14/1999	21-HARBL-R1 BYJ48 7/21/1999	22-HARBL-R2 B08X2 5/17/2001
(Group Code)	1-Residen-Voas						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 UJ			
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U		1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 UJ		1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U		1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U		1 UJ	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U			
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U		1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U			
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	0 R	0 R	15 UJ
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U			
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	2 UJ	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U			
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.37 J	1 U	0.8 J	0.6 J
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	2
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	0 R	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U		1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1.1	1 U	1	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U			
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1.1	1 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U			
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U		1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 UJ	5 UJ	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0.5 U	0.6 J	0.9 J	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	5 U	5 UJ	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	21-BGBK-R4 B0RQ2 4/17/2003	21-CARL-R1 BYJ15 7/14/1999	21-HARBL-R1 BYJ48 7/21/1999	22-HARBL-R2 B08X2 5/17/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 R	1 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 R	1 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 R	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 R	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 R	1 U	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 R	1 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 R	1 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	22-HARBL-R4 B0SA1 4/9/2003	22-WOODCR-R4 B0SB6 4/30/2003	23-BGBK-R1 BYH98 8/4/1999	23-BGBK-R2 B08T7 5/14/2001
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.9	0.5 UJ	1 UJ	1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 UJ	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	1 UJ	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	5 UJ	0 R	5 UJ
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U	2 U	2 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.4 J	2
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.77	0.5 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1.7	0.5 U	14	74 D
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 UJ	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.55	0.5 U	1	0.6 J
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.32 J	0.5 UJ	3	12
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	0 R	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	0.5 UJ	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 UJ	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	2.6	0.5 UJ	4	63 D
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	0 R	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	22-HARBL-R4 B0SA1 4/9/2003	22-WOODCR-R4 B0SB6 4/30/2003	23-BGBK-R1 BYH98 8/4/1999	23-BGBK-R2 B08T7 5/14/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.13 J		0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U		0.5 UJ	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U		0.5 UJ	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U		0.5 UJ	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U		0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U		0.5 UJ		
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U		0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U		0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.15 J		0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U		0.5 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U		0.5 U	1 UJ	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U		0.5 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U		0.5 U		
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U		0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	23-BGBK-R2-DUP B08T8 5/14/2001	23-BGBK-R4 B0SA0 4/7/2003	24-HARBL-R1 BYJ46 8/30/1999	24-HIGH-R1 BYJ77 7/7/1999
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 UJ	5 U	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	2 U	0.5 U	2 U	2 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2	0.5 U	1 U	1 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.45 J	1 U	0.8 J
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	74 D	6	1 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0 R	5 U	0 R	0 R
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	5 U	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.6 J	0.48 J	0.7 J	1
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	12	0.75	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	5 U	0.5 UJ	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	1 U	0.5 U	1 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	62	1.8	2	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	0 R	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	23-BGBK-R2-DUP B08T8 5/14/2001	23-BGBK-R4 B0SA0 4/7/2003	24-HARBL-R1 BYJ46 8/30/1999	24-HIGH-R1 BYJ77 7/7/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0 R	0.5 U	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code	Sample Name	Sample Date	Analytic Method	Unit \\\	26-BGBK-R1 BYJ08 7/20/1999	26-BGBK-R2 B0901 5/24/2001	26-HARBL-R1 BYJ42 8/23/1999	26-HARBL-R2 B08S8 5/9/2001
(Group Code)	(Group Description)									
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1									
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L							
74-87-3	Chloromethane	OLC03-2-V	ug/L							1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L							1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L							1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L							1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L							1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L							1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L							1 U
67-64-1	Acetone	OLC03-2-V	ug/L							10 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L							1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L							1 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L							2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L							1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L							1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L							1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L							1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L							0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L							1 U
67-66-3	Chloroform	OLC03-2-V	ug/L							1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L							0.8 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L							1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L							1 U
71-43-2	Benzene	OLC03-2-V	ug/L							1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L							1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L							0.5 J
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L							1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L							1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L							1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L							1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L							1 U
108-88-3	Toluene	OLC03-2-V	ug/L							5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L							1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L							1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L							0.6 J
591-78-6	2-Hexanone	OLC03-2-V	ug/L							0 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L							1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L							1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	26-BGBK-R1 BYJ08 7/20/1999	26-BGBK-R2 B0901 5/24/2001	26-HARBL-R1 BYJ42 8/23/1999	26-HARBL-R2 B08S8 5/9/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-25-2	Bromotorm	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	26-HARBL-R4 BOS97 4/9/2003	264-RIVER-R1 BYL14 7/15/1999	264-RIVER-R2 B0913 7/15/1999	264-RIVER-R4 B0S99 4/16/2003
(Group Code)	(Group Description)						
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U			0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U			0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U			0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	0 R	4 J	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U			0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	2 U	2 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.16 J			0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.2 J	1 U	1 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 U	0 R	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	1	0.5 J	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.54	1 U	1 U	0.5 R
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U			0.5 R
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 R
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 R
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.14 J	1 U	1 U	0.5 R
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.26 J	1 U	1 U	0.5 R
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U			0.5 R
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 R
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 R
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 R
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	5 U	5 U	5 R
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 R
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 R
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 R
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.44 J	1 U	1 U	0.5 R
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 R
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 R

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	26-HARBL-R4 BOS97 4/9/2003	264-RIVER-R1 BYL14 7/15/1999	264-RIVER-R2 B0913 7/15/1999	264-RIVER-R4 BOS99 4/16/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	0.5
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5	U	1	U	0.5
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5	U	1	U	0.5
100-42-5	Styrene	OLC03-2-V	ug/L	0.5	U	1	U	0.5
75-25-2	Bromoforn	OLC03-2-V	ug/L	0.5	U	1	U	0.5
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5	U	1	U	0.5
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5	U	1	U	0.5
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	0.5
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	0.5
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	0.5
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5	U	1	U	0.5
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	0.5
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	0.5
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5	U	1	U	0.5

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	27-HARBR-R1 BYJ54 8/4/1999	27-HARBR-R2 B08T3 5/11/2001	27-HARBR-R4 B0S95 4/7/2003	27-HIGH-R1 BYJ69 7/19/1999
(Group Code)	(Group Description)	Analytic Method	Unit			
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U	
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.5 U	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L	30 UJ	5 U	5 UJ
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	0.5 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L		0.35 J	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	0.6 J
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	5 U	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L			
67-66-3	Chloroform	OLC03-2-V	ug/L	0.3 J	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 J	0.39 J	0.7 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	0.6 J
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L		0.5 U	
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 UJ	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0 R	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 UJ	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 UJ	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	0.5 UJ	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	1 U	0.1 J	3
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0 R	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	27-HARBR-R1 BYJ54 8/4/1999	27-HARBR-R2 B08T3 5/11/2001	27-HARBR-R4 B0S95 4/7/2003	27-HIGH-R1 BYJ69 7/19/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	27-HIGH-R2 B08Z0 5/22/2001	27-HIGH-R2-DUP B08Z1 5/22/2001	27-HIGH-R4 B0S94 4/16/2003	270-SACHP-R1 BYK37 8/23/1999
(Group Code)	(Group Description)						
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L				
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L			0.5 U	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.7 J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L			0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	6 J	5 U	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L			0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	2 U	0.5 U	1 J
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L			0.5 U	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.34 J	2
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.27 J	3
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	0 R	5 U	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.6 J	0.7 J	0.94 J	3
110-82-7	Cyclohexane	OLC03-2-V	ug/L			0.5 R	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	0.5 R	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	0.5 R	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.7 J	0.8 J	0.5 R	0.8 J
79-01-6	Trichloroethene	OLC03-2-V	ug/L			2 J	
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L			0.5 R	
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	0.5 R	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 R	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 R	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 R	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	0.5 R	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 R	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 R	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1	2	2.8 J	9
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 R	0 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 R	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	0.5 R	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	27-HIGH-R2 B08Z0 5/22/2001	27-HIGH-R2-DUP B08Z1 5/22/2001	27-HIGH-R4 B0S94 4/16/2003	270-SACHP-R1 BYK37 8/23/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1	U	1	0.5 R	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1	U	1	0.5 R	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1	U	1	0.5 R	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1	U	1	0.5 R	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1	U	1	0.5 R	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1	U	1	0.5 R	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1	U	1	0.5 R	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1	U	1	0.5 R	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1	U	1	0.5 R	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1	U	1	0.5 R	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0	R	0	0.5 R	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1	U	1	0.5 R	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1	U	1	0.5 R	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1	U	1	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit	28-BGBK-R2 NA 4/20/2001	28-BGBK-R3 BOL54 3/20/2002	28-BGBK-R4 BOS93 5/1/2003	28-HARBH-R1 BYJ37 8/30/1999
(Group Code)	(Group Description)							
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 UJ	1 U
74-87-3	Chloromethane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
75-01-4	Vinyl Chloride		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
74-83-9	Bromomethane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
75-00-3	Chloroethane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
75-35-4	1,1-Dichloroethene		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
67-64-1	Acetone		OLC03-2-V	ug/L	16 UJ	5 U	5 UJ	0 R
75-15-0	Carbon Disulfide		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
79-20-9	Methyl Acetate		OLC03-2-V	ug/L	0.5 UJ	0 R	0.5 U	1 U
75-09-2	Methylene Chloride		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 UJ	2 U
156-60-5	trans-1,2-Dichloroethene		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether		OLC03-2-V	ug/L	1.1 J	2	2 J	1 U
75-34-3	1,1-Dichloroethane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
156-59-2	cis-1,2-Dichloroethene		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
78-93-3	2-Butanone		OLC03-2-V	ug/L	0 R	5 U	6.1 UJ	0 R
75-97-5	Bromochloromethane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
67-66-3	Chloroform		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane		OLC03-2-V	ug/L	0.5 UJ	0.24 J	0.3 J	1 U
110-82-7	Cyclohexane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
56-23-5	Carbon Tetrachloride		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
71-43-2	Benzene		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane		OLC03-2-V	ug/L	0.5 UJ	0.16 J	0.24 J	1 U
79-01-6	Trichloroethene		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
108-87-2	Methylcyclohexane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
78-87-5	1,2-Dichloropropane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
75-27-4	Bromodichloromethane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
108-10-1	4-Methyl-2-pentanone		OLC03-2-V	ug/L	2 UJ	5 U	5 U	5 U
108-88-3	Toluene		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
127-18-4	Tetrachloroethene		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
591-78-6	2-Hexanone		OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
124-48-1	Dibromochloromethane		OLC03-2-V	ug/L	2 UJ	5 U	5 U	0 R
106-93-4	1,2-Dibromoethane		OLC03-2-V	ug/L	0 R	0.5 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	28-BGBK-R2 NA 4/20/2001	28-BGBK-R3 BOL54 3/20/2002	28-BGBK-R4 BOS93 5/1/2003	28-HARBH-R1 BYJ37 8/30/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0 R	0.5 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0 R	0.5 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0 R	0.5 U	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 UJ	0.5 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	28-HARBL-R1 BYJ41 8/4/1999	29-BGBK-R1 BYJ10 7/16/1999	3-CORD-R1 BYJ18 8/3/1999	3-FRIENW-R2 B0927 6/4/2001
(Group Code) 1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	2 U	2 U	2 U	2 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.4 J	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	28-HARBL-R1 BYJ41 8/4/1999	29-BGBK-R1 BYJ10 7/16/1999	3-CORD-R1 BYJ18 8/3/1999	3-FRIENW-R2 B0927 6/4/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	3-FRIENW-R4 BOS72 4/14/2003	3-GATER-R2 B08Z4 5/23/2001	3-HARBR-R1 BYJ52 8/24/1999	3-HARBR-R2 BYZ51 5/8/2001
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U			
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.11 J	1 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U			
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U			
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	0 R	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U			
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	2 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	24			
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	0 R	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.6 J	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U			
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U			
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0.12 J	1 U	2	3
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	5 U	5 U	0 R	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Unit \\\	Sample Code Sample Name Sample Date	3-FRIENW-R4 B0S72 4/14/2003	3-GATER-R2 B08Z4 5/23/2001	3-HARBR-R1 BYJ52 8/24/1999	3-HARBR-R2 BYZ51 5/8/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L		0.5 U			
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L		0.5 U	0 R	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L		0.5 U			
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l		0.5 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	3-HARBR-R4 B0S70 4/7/2003	3-OMP-R2 BYZ49 5/7/2001	3-OMP-R3 B0L67 3/22/2002	3-OMP-R4 B0RQ6 5/1/2003	3-PART-R1 BYK93 7/19/1999
(Group Code)	1-Residen-Voas							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	0 R	5 U	5 U	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U		0 R	0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	2 U	0.5 U	0.5 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.9 J	0.53	0.5	0.8 J
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	0 R	5 U	5 U	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L			0.5 U		
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	2	2.6	2.2	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.22 J	1	0.75	0.66	1
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.16 J	0.6 J	0.3 J	0.3 J	0.7 J
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	5.1	1 U	0.5 U	0.5 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	3-HARBR-R4 B0S70 4/7/2003	3-OMP-R2 BYZ49 5/7/2001	3-OMP-R3 B0L67 3/22/2002	3-OMP-R4 B0RQ6 5/1/2003	3-PART-R1 BYK93 7/19/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0 R	0.5 U	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	1 U	0.5 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	3-PIN-R1 BYK07 7/20/1999	3-RIVER-R1 BYL00 8/5/1999	3-RIVER-R1-DUP BYL38 8/5/1999	3-STEEP-B-R1 BOX82 6/6/2003
(Group Code)	(Group Description)							
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L					0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L					0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L					0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L					0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	2 U	2 U	2 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.6 J	1 U	1 U	1 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L					0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	25	1 U	1 U	1 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L					0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.84 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	2	0.5 J	0.6 J	0.6 J	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L					0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	4	1 U	1 U	1 U	0.19 J
79-01-6	Trichloroethene	OLC03-2-V	ug/L					0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L					0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	0 R	0 R	0 R	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.51 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	11	0.4 J	0.4 J	0.4 J	0.64
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	0 R	0 R	0 R	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	3-PIN-R1 BYK07 7/20/1999	3-RIVER-R1 BYL00 8/5/1999	3-RIVER-R1-DUP BYL38 8/5/1999	3-STEPPB-R4 BOX82 6/6/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.22 J
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.19 J
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 59 of 148

Cas Rn	Chemical Name	Sample Code	Sample Name	Sample Date	Analytic Method	Unit \\\	3-SWEETH-R4 B0RQ7 4/22/2003	3-TEAL-R2 B0926 6/4/2001	3-TIDEL-R1 BYK64 7/16/1999	3-TIDEL-R2 B08Y5 5/21/2001	3-TIDEL-R3 B0L77 4/1/2002
(Group Code)	(Group Description)										
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1										
75-71-8	Dichlorodifluoromethane				OLC03-2-V	ug/L	0.5 U		1 U	1 U	0.99 J
74-87-3	Chloromethane				OLC03-2-V	ug/L	0.5 U	1 U		1 U	0.5 U
75-01-4	Vinyl Chloride				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
74-83-9	Bromomethane				OLC03-2-V	ug/L	0.42 J	1 U	1 U	1 U	0.5 U
75-00-3	Chloroethane				OLC03-2-V	ug/L	0.15 J	1 U	1 U	1 U	0.5 U
75-69-4	Trichlorofluoromethane				OLC03-2-V	ug/L	0.5 U				0.5 U
75-35-4	1,1-Dichloroethene				OLC03-2-V	ug/L	0.5 U	0.4 J	1 U	1 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane				OLC03-2-V	ug/L	0.5 U				0.5 U
67-64-1	Acetone				OLC03-2-V	ug/L	5 U	0 R	0 R	6 J	5 U
75-15-0	Carbon Disulfide				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
79-20-9	Methyl Acetate				OLC03-2-V	ug/L	0.5 U				0.5 U
75-09-2	Methylene Chloride				OLC03-2-V	ug/L	0.5 U	2 U	2 U	2 U	0.5 U
156-60-5	trans-1,2-Dichloroethene				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether				OLC03-2-V	ug/L	0.5				0.5 U
75-34-3	1,1-Dichloroethane				OLC03-2-V	ug/L	0.5 U	1	1 U	1 U	0.5
156-59-2	cis-1,2-Dichloroethene				OLC03-2-V	ug/L	0.5 U	0.5 J	1 U	1 U	0.5 U
78-93-3	2-Butanone				OLC03-2-V	ug/L	5 U	0 R	5 U	0 R	5 U
75-97-5	Bromochloromethane				OLC03-2-V	ug/L					0.5 U
67-66-3	Chloroform				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
71-55-6	1,1,1-Trichloroethane				OLC03-2-V	ug/L	0.44 J	2	0.8 J	0.7 J	0.82
110-82-7	Cyclohexane				OLC03-2-V	ug/L	0.5 U				0.5 U
56-23-5	Carbon Tetrachloride				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
71-43-2	Benzene				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
107-06-2	1,2-Dichloroethane				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
79-01-6	Trichloroethene				OLC03-2-V	ug/L	0.7 J		1 U	1 U	0.5 U
108-87-2	Methylcyclohexane				OLC03-2-V	ug/L	0.5 U				0.5 U
78-87-5	1,2-Dichloropropane				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
75-27-4	Bromodichloromethane				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
108-10-1	4-Methyl-2-pentanone				OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
79-00-5	1,1,2-Trichloroethane				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
127-18-4	Tetrachloroethene				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
591-78-6	2-Hexanone				OLC03-2-V	ug/L	0.22 J	0.8 J	4	2	3.9
124-48-1	Dibromochloromethane				OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane				OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	3-SWEETH-R4 B0RQ7 4/22/2003	3-TEAL-R2 B0926 6/4/2001	3-TIDEL-R1 BYK64 7/16/1999	3-TIDEL-R2 B08Y5 5/21/2001	3-TIDEL-R3 B0L77 4/1/2002
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0 R	1 U	0 R	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	3-TIDEL-R3-DUP B0L76 4/1/2002	3-TIDEL-R4 B0SC5 4/16/2003	3-TIDER-R1 BYK72 8/24/1999	3-WATER-R1 BYK79 7/8/1999
(Group Code)	(Group Description)						
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.9 J	0.58 J		
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U		
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U		
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	5 U	0 R	110 J
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U		
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	2 U	27
156-80-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U		
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.18 J	1 U	10 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 U	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.5 U			
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.77	0.45 J	1 U	10 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U		
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.2 J	1 U	10 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U		
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	50 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	3.9	1.3	1 U	140
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	5 U	5 U	0 R	50 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	3-TIDEL-R3-DUP BOL76 4/1/2002	3-TIDEL-R4 BOSC5 4/16/2003	3-TIDER-R1 BYK72 8/24/1999	3-WATER-R1 BYK79 7/8/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 R	1 U	10 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	1 U	10 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	1 U	10 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	1 U	10 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	1 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 R	1 U	10 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	1 U	10 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	1 U	10 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	0.5 U	1 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Gas Rn	Chemical Name	Sample Code	300-OMR-R1	300-OMR-R2	300-OMR-R4	302-OMR-R1
(Group Code)	(Group Description)	Sample Name	BYJ95	B08Z7	B0SA2	BYK98
		Sample Date	7/12/1999	5/24/2001	4/30/2003	7/14/1999
		Analytic Method	Unit \\\			
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U	
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.5 U	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L	5 J	5 U	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	0.5 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L		0.74	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.6 J	0.24 J	0.7 J
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	2
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	5 U	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L			
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1	0.57	0.9 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.7 J	0.29 J	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L		0.5 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L		0.5 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	0.5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1	0.49 J	1
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	300-OMR-R1 BYJ95 7/12/1999	300-OMR-R2 B08Z7 5/24/2001	300-OMR-R4 B0SA2 4/30/2003	302-OMR-R1 BYK98 7/14/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Sample Code Sample Name Sample Date	31-HARBL-R1 BYJ47 8/23/1999	31-QUAIL-R1 BYK88 7/29/1999	31-SMITHL-R4 BORS1 4/29/2003	31-THOM-R1 BYK59 7/28/1999
(Group Code)	(Group Description)	Analytic Method	Unit \\\			
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0 R	0.5 U	0 R
67-64-1	Acetone	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0 R	0.5 U	0 R
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	0.5 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 J	0.5 U	5
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0 R	0.5 U	0 R
78-93-3	2-Butanone	OLC03-2-V	ug/L	0.7 J	0.5 U	0.6 J
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	7
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	5 U	0.5 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	3
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	0.5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0 R	0.5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	31-HARBL-R1 BYJ47 8/23/1999	31-QUAIL-R1 BYK88 7/29/1999	31-SMITHL-R4 BORS1 4/29/2003	31-THOM-R1 BYK59 7/28/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 67 of 148

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	31-THOM-R2 B0911 5/30/2001	31-THOM-R3 B0L66 3/22/2002	31-THOM-R4 B0S86 4/15/2003	315-OMR-R1 BYL36 8/4/1999	315-OMR-R2 B0S22 5/22/2001
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	1 U	0.5 U	0.5 U	1 U	1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	0.5 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	2	0.5 U	0.5 U	1 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L		0.74	2.7	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U	0.5 U		
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	5 U	5 U	0 R	8 J
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0 R	0.5 U		
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	0.5 U	0.5 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	6	0.5 U	0.17 J		
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L		4.5	4.1	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	5 U	5 U	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L		0.5 U			
67-66-3	Chloroform	OLC03-2-V	ug/L	0.6 J	0.63	0.5 U	0.3 J	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	8	6.6	8.6 J	0.6 J	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U	0.5 R		
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	3	2.7	2.5 J	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L		0.5 U	0.5 R		
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L		0.5 U	0.5 R		
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 R	0 R	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	0.4 J	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	0.33 J	0.33 J	3	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 R	0 R	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 68 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	31-THOM-R2 B0911 5/30/2001	31-THOM-R3 B0L66 3/22/2002	31-THOM-R4 B0S86 4/15/2003	315-OMR-R1 BYL36 8/4/1999	315-OMR-R2 B08Z2 5/22/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0 R	0.5 U	0.5 R	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	0.5 U	0.5 R	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 69 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	315-OMR-R4 B0S88 4/15/2003	318-RIVER-R2 B0906 5/29/2001	318-RIVER-R4 B0S87 4/17/2003	318-RIVER-R4-DUP B0S91 4/17/2003
(Group Code)	(Group Description)						
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U		0.5 UJ	0.5 UJ
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	1 U	0.5 UJ	0.5 UJ
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	0 R	5 UJ	5 UJ
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	2 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.43 J	1 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	25 D	1 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	0 R	5 UJ	5 UJ
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.9	1 U	0.5 UJ	0.5 UJ
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U		0.5 R	0.5 R
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	4.1	1 U	0.5 UJ	5 UJ
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U		0.5 R	0.5 R
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 UJ	1 U	0.5 R	0.5 R
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 R	5 R
108-88-3	Toluene	OLC03-2-V	ug/L	0.14 J	1 U	0.5 R	0.5 R
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 UJ	1 U	0.5 R	0.5 R
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 J	1 U	0.5 R	0.5 R
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	32 J	1 U	0.5 UJ	0.5 UJ
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 R	5 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	315-OMR-R4 BOS88 4/15/2003	318-RIVER-R2 B0906 5/29/2001	318-RIVER-R4 B0S87 4/17/2003	318-RIVER-R4-DUP B0S91 4/17/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	1 J	0.14 J	0.5 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 R	0.5 R
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	32-HARBL-R2 BYZ53 5/8/2001	32-HARBL-R2-DUP BYZ54 5/8/2001	32-HARBL-R4 BOS80 4/10/2003	320-OMR-R1 BYJ96 8/23/1999
(Group Code)	(Group Description)	Analytic Method	Unit \\\			
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L			
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.77 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.27 J	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L	10 U	5 U	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	0.5 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L		0.5 U	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.6 J	0.43 J	0.6 J
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	5 U	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L			
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.9 J	0.77 U	2
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L		0.28 J	0.7 J
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L		0.5 U	
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	3	1.9	4
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	0 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	32-HARBL-R2 BYZ53 5/8/2001	32-HARBL-R2-DUP BYZ54 5/8/2001	32-HARBL-R4 BOS80 4/10/2003	320-OMR-R1 BYJ96 8/23/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0 R	0 R	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 UJ	1 UJ	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	320-OMR-R2 B0900 5/24/2001	320-OMR-R4 B0S85 4/10/2003	322-OMR-R1 BYJ97 7/21/1999	322-OMR-R2 B0937 6/7/2001	322-OMR-R4 B0S84 4/11/2003
(Group Code) 1-Residen-Voas	(Group Description) Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U			0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.5 U			0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.59	1	1 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U			0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	6 J	5 U	0 R	0 R	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0.5 U			0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	0.5 U	2 U	2 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L		0.24 J			0.68
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.6 J	0.53	4	1 U	0.11 J
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.32 J	1 U	0.4 J	0.35 J
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	5 U	5 U	0 R	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L					
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 J	0.5 U	1 U	1 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	2	1.3	6	1 U	0.19 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U			0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 J	0.21 J	2	1 U	0.21 J
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L		0.5 U			0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5	5.2	1 U	3	3.9
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	320-OMR-R2 B0900 5/24/2001	320-OMR-R4 B0S85 4/10/2003	322-OMR-R1 BYJ97 7/21/1999	322-OMR-R2 B0937 6/7/2001	322-OMR-R4 B0S84 4/11/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
75-25-2	Bromoforn	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0 R	0.5 U	1 U	0 R	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	0.5 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 75 of 148

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	322-RIVER-R1 BYK31 7/28/1999	322-RIVER-R2 BYZ55 5/8/2001	322-RIVER-R4 B0S83 4/7/2003	323-OMR-R3 BYK31 3/26/2002
(Group Code)	(Group Description)	Analytic Method	Unit \\\			
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L			0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U		0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U		0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U		0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U		0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U		0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U		0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	1 U		0.69
67-64-1	Acetone	OLC03-2-V	ug/L	0 R		0.5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U		5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	1 U		0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U		0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U		0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	1 U		0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U		0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U		2.5
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R		5.7
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U		5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	2		0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.6 J		0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U		3.6
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U		0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U		0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U		0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U		1.7
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U		0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U		0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U		0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U		0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U		0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U		5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U		0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U		0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U		0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	2		2.5
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	5 U		5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U		0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	322-RIVER-R1 BYK31 7/28/1999	322-RIVER-R2 BYZ55 5/8/2001	322-RIVER-R4 BOS83 4/7/2003	323-OMR-R3 BYK31 3/26/2002
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0 R	0 R	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 77 of 148

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	323-OMR-R4 B0S81 5/1/2003	325-OMR-R1 BYJ99 7/14/1999	326-OMR-R1 BYJ93 7/15/1999	326-OMR-R3 B0L70 3/25/2002	326-OMR-R4 B0SC6 4/16/2003
(Group Code)	(Group Description)	Analytic Method	Unit \\\				
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L				0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L			0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1	1 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L			2	4.5
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	0 R	0.5 U	0.5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L			0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	2 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L			0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	2	1 U	0.5 U	4.9
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	7.2	1 U	0.54	0.14 J
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	5 U	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L			0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	6	0.6 J	9.3	16 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L			0.5 U	0.5 R
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 R
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 R
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	3	1 U	0.5 U	0.5 R
79-01-6	Trichloroethene	OLC03-2-V	ug/L			3.4	4 J
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L			0.5 U	0.5 R
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 R
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 R
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 R
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	0.5 U	0.5 R
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 R
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 R
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 R
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	3	3	0.5 U	0.5 J
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	0.5 U	5 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 R
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 R

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 78 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	323-OMR-R4 BOS81 5/1/2003	325-OMR-R1 BYJ99 7/14/1999	326-OMR-R1 BYJ93 7/15/1999	326-OMR-R3 BOL70 3/25/2002	326-OMR-R4 BOSC6 4/16/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	0.5 U	0.5 R
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	1 U	1 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 79 of 148

Cas Rn (Group Code)	Chemical Name (Group Description)	Sample Code Sample Name Sample Date	326-RIVER-R1 BYK26 8/5/1999	327-OMR-R1 BYJ98 7/13/1999	327-OMR-R2 B0924 6/4/2001	327-OMR-R4 B0S82 5/1/2003	329-OMR-R1 BYJ94 7/14/1999
	Analytic Method	Unit \\\					
75-71-8	Dichlorodifluoromethane	ug/L					
74-87-3	Chloromethane	ug/L	1 UJ		1 U	0.5 UJ	1 U
75-01-4	Vinyl Chloride	ug/L	1 UJ		1 U	0.5 UJ	1 U
74-83-9	Bromomethane	ug/L	1 U		1 U	0.5 UJ	1 U
75-00-3	Chloroethane	ug/L	1 U		1 U	0.5 UJ	1 U
75-69-4	Trichlorofluoromethane	ug/L					
75-35-4	1,1-Dichloroethene	ug/L	1 U	2	1	0.5 UJ	0.5 J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L					
67-64-1	Acetone	ug/L	0 R	0 R	0 R	5 UJ	0 R
75-15-0	Carbon Disulfide	ug/L	1 U	1 U	1 U	0.5 UJ	1 U
79-20-9	Methyl Acetate	ug/L					
75-09-2	Methylene Chloride	ug/L	2 U	2 U	2 U	0.5 UJ	2 U
156-60-5	trans-1,2-Dichloroethene	ug/L	1 U	1 U	1 U	0.5 UJ	1 U
1634-04-4	Methyl Tert-Butyl Ether	ug/L					
75-34-3	1,1-Dichloroethane	ug/L	0.3 J	3	2	0.5 UJ	1
156-59-2	cis-1,2-Dichloroethene	ug/L	1 U	0.9 J	2	0.5 UJ	6
78-93-3	2-Butanone	ug/L	0 R	0 R	0 R	5.7 UJ	0 R
75-97-5	Bromochloromethane	ug/L					
67-66-3	Chloroform	ug/L	1 U	1 U	1 U	0.5 UJ	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	0.5 J	8	5	0.5 UJ	2
110-82-7	Cyclohexane	ug/L					
66-23-5	Carbon Tetrachloride	ug/L	1 U	1 U	1 U	0.5 UJ	1 U
71-43-2	Benzene	ug/L	1 U	1 U	1 U	0.5 UJ	1 U
107-06-2	1,2-Dichloroethane	ug/L	1 U	1 U	1 U	0.5 UJ	1 U
79-01-6	Trichloroethene	ug/L	1 U	2	2	0.5 UJ	2
108-87-2	Methylcyclohexane	ug/L					
78-87-5	1,2-Dichloropropane	ug/L	1 U	1 U	1 U	0.5 UJ	1 U
75-27-4	Bromodichloromethane	ug/L	1 U	1 U	1 U	0.39 J	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	0.5 UJ	1 U
108-10-1	4-Methyl-2-pentanone	ug/L	0 R	5 U	5 U	5 UJ	5 U
108-88-3	Toluene	ug/L	1 U	1 U	1 U	0.5 UJ	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	1 UJ	1 U	1 U	0.5 UJ	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	0.5 UJ	1 U
127-18-4	Tetrachloroethene	ug/L	1 U	1 U	1 U	0.5 UJ	1 U
551-78-6	2-Hexanone	ug/L	0.8 J	1	1	0.34 J	4
124-48-1	Dibromochloromethane	ug/L	0 R	5 U	5 U	5 UJ	5 U
106-93-4	1,2-Dibromoethane	ug/L	1 U	1 U	1 U	0.38 J	1 U
		ug/L	1 U	1 U	1 U	0.5 UJ	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 80 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	326-RIVER-R1 BYK26 8/5/1999	327-OMR-R1 BYJ98 7/13/1999	327-OMR-R2 B0924 6/4/2001	327-OMR-R4 B0S82 5/1/2003	329-OMR-R1 BYJ94 7/14/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	1 U	0 R	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code	329-OMR-R2	33-BRIDLEP-R4	33-HIGH-R1	33-HIGH-R2
(Group Code)	(Group Description)	Sample Name	B08Y0	B0RQ5	BYJ66	B0930
1-Residen-Voas		Sample Date	5/18/2001	4/23/2003	7/21/1999	6/5/2001
		Analytic Method	Unit \\\			
75-71-8	Dichlorodifluoromethane	OLC03-2-V	1 U	0.5 UJ	2 U	1 U
74-87-3	Chloromethane	OLC03-2-V	1 U	0.5 U	2 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	1 U	0.5 U	2 U	1 U
74-83-9	Bromomethane	OLC03-2-V	1 U	0.5 U	2 U	0.9 J
75-00-3	Chloroethane	OLC03-2-V	1 U	0.5 UJ	2 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	1 U	0.5 UJ	2 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	1 U	0.5 UJ	2 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	1 U	0.5 UJ	2 U	1 U
67-64-1	Acetone	OLC03-2-V	22 UJ	5 UJ	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	1 U	0.5 U	2 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	2 U	0.5 UJ	4 U	2 U
75-09-2	Methylene Chloride	OLC03-2-V	1 U	0.5 U	2 U	1 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	0.7 J	0.31 J	2 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	20	0.5 U	2	0.4 J
75-34-3	1,1-Dichloroethane	OLC03-2-V	0 R	5 UJ	10 U	0 R
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	1 U	0.5 U	2 U	0.4 J
78-93-3	2-Butanone	OLC03-2-V	2	0.5 UJ	2 U	1 U
75-97-5	Bromochloromethane	OLC03-2-V	1 U	0.5 UJ	2 U	1 U
67-66-3	Chloroform	OLC03-2-V	2	0.5 UJ	2 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	1 U	0.5 UJ	2 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	1 U	0.5 UJ	2 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	1 U	0.5 UJ	2 U	1 U
71-43-2	Benzene	OLC03-2-V	1 U	0.5 UJ	2 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	4	0.5 U	4	0.9 J
79-01-6	Trichloroethene	OLC03-2-V	1 U	0.5 U	2 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	1 U	0.5 U	2 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	1 U	0.5 U	2 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	1 U	0.5 U	2 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	5 UJ	5 U	10 U	5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	1 U	0.5 U	2 U	1 U
108-88-3	Toluene	OLC03-2-V	1 U	0.5 U	2 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	1 U	0.5 U	2 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	1 U	0.5 U	2 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	8	0.5 U	43	17
591-78-6	2-Hexanone	OLC03-2-V	5 U	5 U	10 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	1 U	0.5 U	2 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	1 U	0.5 U	2 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	329-OMR-R2 B08Y0 5/18/2001	33-BRIDLE-P-R4 B0RQ5 4/23/2003	33-HIGH-R1 BYJ66 7/21/1999	33-HIGH-R2 B0930 6/5/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0 R	0.5 U	2 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	0.5 U	2 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	33-QUAIL-R1 BYK89 8/25/1999	337-RIVER-R1 BYK27 7/15/1999	337-RIVER-R2 B0904 5/29/2001	337-RIVER-R4 B0S79 4/17/2003
(1-Residen-Voas)	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 UJ
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 UJ
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	0 R	0 R	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	2 U	2 U	2 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.8 J	1 U	1 U	0.27 J
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0 R	5 U	0 R	5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	2	0.9 J	1 U	0.66
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	5 U	5 U	5 U	5 UJ
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0 R	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\	33-QUAIL-R1 BYK89 8/25/1999	337-RIVER-R1 BYK27 7/15/1999	337-RIVER-R2 B0904 5/29/2001	337-RIVER-R4 B0S79 4/17/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 R
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 R
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 R
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 R
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	1 U	0 R	0.5 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 R
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 R
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	339-RIVER-R1 BYK28 7/13/1999	339-RIVER-R2 B0917 5/31/2001	339-RIVER-R4 B0S78 4/22/2003	34-HARBR-R1 BYJ53 8/23/1999
(Group Code)	(Group Description)		Unit \\				
1-Resident-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L			0.18 J	
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L			0.5 U	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L			0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	4 J	5 U	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L			0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	2 U	0.5 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L			0.5 U	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.27 J	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	0 R	5 U	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.6 J	1 U	0.38 J	2
110-82-7	Cyclohexane	OLC03-2-V	ug/L			0.5 U	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.25 J	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L			0.5 U	
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L			0.5 U	
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.7 U	0.7 J	0.73	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	0 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	339-RIVER-R1 BYK28 7/13/1999	339-RIVER-R2 B0917 5/31/2001	339-RIVER-R4 B0S78 4/22/2003	34-HARBOR-R1 BYJ53 8/23/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	343-RIVER-R1 BYK33 7/15/1999	343-RIVER-R2 B0915 5/31/2001	343-RIVER-R4 B0S76 4/16/2003	35-HARBH-R2 B08Y6 5/21/2001
(Group Code)	(Group Description)	Analytic Method	Unit \1			
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U	
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.5 U	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	5 U	66 J
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	0.5 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L		0.26 J	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 U	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L			
67-66-3	Chloroform	OLC03-2-V	ug/L	0.6 J	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L		0.5 U	
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L		0.5 U	
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	1 U	0.5 U	1 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	1 U	0.5 U	2
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	343-RIVER-R1 BYK33 7/15/1999	343-RIVER-R2 B0915 5/31/2001	343-RIVER-R4 B0S76 4/16/2003	35-HARBH-R2 B08Y6 5/21/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	35-QUAIL-R1 BYK90 7/28/1999	35-QUAIL-R2 B08Z8 5/24/2001	35-QUAIL-R4 B0S74 4/15/2003	37-BGBK-R1 BYJ04 7/21/1999
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L				
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U		0.5 U	10 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 UJ		0.5 U	10 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U		0.5 U	10 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 UJ		0.5 U	10 UJ
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L			0.5 U	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U		0.5 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L			0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	5 J	5 U	50 UJ
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	0.5 U	10 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L			0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	2 U	0.5 U	20 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L			0.5 U	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.6 J	0.7 J	0.41 J	10 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	140
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	0 R	5 U	50 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	10 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1	1	0.68	10 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L			0.5 U	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	10 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	10 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	10 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	0.6 J	0.47 J	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L			0.5 U	
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	10 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	10 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 UJ	10 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	50 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	10 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 UJ	10 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 UJ	10 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	33
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	50 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	10 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	35-QUAIL-R1 BYK90 7/28/1999	35-QUAIL-R2 B08Z8 5/24/2001	35-QUAIL-R4 B0S74 4/15/2003	37-BGBK-R1 BYJ04 7/21/1999
108-90-7	Chlorobenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	10 U
100-41-4	Ethylbenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	10 U
1330-20-7	Xylenes (total)	OLC03-2-V		ug/L	1 U	1 U	0.5 U	10 U
100-42-5	Styrene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	10 U
75-25-2	Bromoform	OLC03-2-V		ug/L	1 U	1 U	0.5 U	10 U
98-82-8	Isopropylbenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V		ug/L	1 U	1 U	0.5 U	10 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	10 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	10 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V		ug/L	0 R	0 R	0.5 U	10 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	10 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	10 U
74-97-5	Chlorobromomethane	OLC03-2-V		ug/l	1 U	1 U	0.5 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code	Analytic Method	Unit	Sample Name	Sample Date	37-BGBK-R2 B08T0 5/10/2001	37-BGBK-R4 B0S73 4/18/2003	37-BRIDLEP-R4 B0RR2 4/23/2003	37-QUAIL-R1 BYK91 7/20/1999
(Group Code)	(Group Description)									
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1									
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L							
74-87-3	Chloromethane	OLC03-2-V	ug/L							
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L							
74-83-9	Bromomethane	OLC03-2-V	ug/L							
75-00-3	Chloroethane	OLC03-2-V	ug/L							
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L							
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L							
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L							
67-64-1	Acetone	OLC03-2-V	ug/L							
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L							
79-20-9	Methyl Acetate	OLC03-2-V	ug/L							
75-09-2	Methylene Chloride	OLC03-2-V	ug/L							
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L							
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L							
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L							
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L							
78-93-3	2-Butanone	OLC03-2-V	ug/L							
75-97-5	Bromochloromethane	OLC03-2-V	ug/L							
67-66-3	Chloroform	OLC03-2-V	ug/L							
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L							
110-82-7	Cyclohexane	OLC03-2-V	ug/L							
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L							
71-43-2	Benzene	OLC03-2-V	ug/L							
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L							
79-01-6	Trichloroethene	OLC03-2-V	ug/L							
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L							
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L							
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L							
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L							
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L							
108-88-3	Toluene	OLC03-2-V	ug/L							
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L							
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L							
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L							
591-78-6	2-Hexanone	OLC03-2-V	ug/L							
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L							
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L							

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	37-BGBK-R2 B08T0 5/10/2001	37-BGBK-R4 B0S73 4/18/2003	37-BRIDLEP-R4 B0RR2 4/23/2003	37-QUAIL-R1 BYK91 7/20/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	0.5 R	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	0.5 R	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	0.5 R	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	0.5 R	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	0.5 R	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	0.5 R	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	0.5 R	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 R	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 R	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 R	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0 R	0.5 R	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 R	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 R	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	0.5 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	38-QUAIL-R1 BYK13 7/20/1999	4-FRENW-R2 B0940 6/15/2001
(Group Code)	(Group Description)				
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1				
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	1 U	1 U
67-64-1	Acetone	OLC03-2-V	ug/L		
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0 R	0 R
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	1 U	1 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L		
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	2 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	1 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L		
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.8 J	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	1 U	1 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0 R	0 R
67-66-3	Chloroform	OLC03-2-V	ug/L		
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L		
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L		
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.7 J	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	0 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit	38-QUAL-R1 BYK13 7/20/1999	4-FRENW-R2 B0940 6/15/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1	U	1
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1	U	1
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1	U	1
100-42-5	Styrene	OLC03-2-V	ug/L	1	U	1
75-25-2	Bromoform	OLC03-2-V	ug/L	1	U	1
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1	U	1
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1	U	1
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1	U	1
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1	U	1
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1	U	1
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1	U	0
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1	U	1
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1	U	1
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1	U	1

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	4-OMP-R1 BYJ90 7/16/1999	4-OMP-R2 B08Y2 5/18/2001	4-OMP-R4 B0S60 4/9/2003	4-OPL-R1 BYK03 7/19/1999	4-OPL-R2 B08Y1 5/18/2001
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L			0.5 U		
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 UJ	25 UJ	0.5 U	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	2 U	2 U	0.5 U	2 U	2 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	1 U	1 U	0.23 J	1 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	3 U	1 U	0.5 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	5 U	0 R	5 U	0 R	0 R
78-93-3	2-Butanone	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.7 J	0.5 J	0.62 U	1 U	0.6 J
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	5 U	5 UJ	5 UJ	5 U	5 UJ
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	1 U	0.6 J	0.17 J	1 U	1 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	4-OMP-R1 BYJ90 7/16/1999	4-OMP-R2 B08Y2 5/18/2001	4-OMP-R4 B0S60 4/9/2003	4-OPL-R1 BYK03 7/19/1999	4-OPL-R2 B08Y1 5/18/2001
108-90-7	Chlorobenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V		ug/L	1 U	1 U	0.5 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V		ug/L	1 U	1 U	0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V		ug/L	1 U	1 U	0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	1 U	1 U
120-82-1	1,2-Dibromo-3-chloropropane	OLC03-2-V		ug/L	1 U	0 R	0.5 U	1 U	0 R
87-61-6	1,2,4-Trichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	1 U	1 U
74-97-5	1,2,3-Trichlorobenzene	OLC03-2-V		ug/L	1 U	1 U	0.5 U	1 U	1 U
	Chlorobromomethane	OLC03-2-V		ug/l	1 U	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	4-OPL-R4 B0S59 4/10/2003	4-SWAN-R1 BYK46 7/9/1999	4-TEAL-R1 BYK53 7/22/1999	4-TEAL-R1-DUP BYL23 7/22/1999	4-TIDEL-R1 BYK63 7/19/1999
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U				1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U			1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U			1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U			1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U			1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U				
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U				
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.7 J	0.6 J	0.6 J	1 U
67-64-1	Acetone	OLC03-2-V	ug/L	0.5 U				
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	5 U	0 R	4 U	0 R	0 R
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U				
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	2 U	2 U	2 U	2 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.39 J				
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	2	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	0 R	8	5	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L					
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.58	3	2	2	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U				
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U		0.8 J	0.9 J	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U				
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U				
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.12 J	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0.5 U	1 U	0.6 J	0.6 J	0.7 J
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 98 of 148

Cas Rn	Chemical Name	Analytic Method	Unit \	Sample Code Sample Name Sample Date	4-OPL-R4 BOS59 4/10/2003	4-SWAN-R1 BYK46 7/9/1999	4-TEAL-R1 BYK53 7/22/1999	4-TEAL-R1-DUP BYL23 7/22/1999	4-TIDEL-R1 BYK63 7/19/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L		0.5 U	1 U	1 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l		0.5 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 99 of 148

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	4-TIDER-R1 BYK66 8/3/1999	4-TIDER-R2 B0935 6/6/2001	4-TIDER-R4 BOX80 6/11/2003	4-WETHL-R1 BYL07 7/9/1999	4-WETHL-R2 B0934 6/6/2001
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L					
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	0.5 J
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.6 J	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-35-4	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 J	0 R	5 U	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	2 U	2 U	0.5 U	2 U	2 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	0 R	5 U	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0 R	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0 R	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 100 of 148

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	4-TIDER-R1 BYK66 8/3/1999	4-TIDER-R2 B0935 6/6/2001	4-TIDER-R4 B0X80 6/11/2003	4-WETHL-R1 BYL07 7/9/1999	4-WETHL-R2 B0934 6/6/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code	Sample Name	Sample Date	Analytic Method	Unit	4-WETHL-R4 BOS57 4/15/2003	40-BRIDLEP-R4 B0X73 6/6/2003	40-QUAIL-R1 BYK16 7/19/1999	40-QUAIL-R2 B08Y8 5/21/2001
(Group Code)	(Group Description)									
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1									
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L				0.5 U	0.5 U		
74-87-3	Chloromethane	OLC03-2-V	ug/L				0.5 U	0.5 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L				0.5 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L				0.5 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L				0.5 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L				0.5 U	0.5 U		
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L				0.5 U	0.5 U		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L				0.5 U	0.5 U	1 U	0.6 J
67-64-1	Acetone	OLC03-2-V	ug/L				5 U	5 U		
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L				0.5 U	0.5 U	0 R	0 R
79-20-9	Methyl Acetate	OLC03-2-V	ug/L				0.5 U	0.5 U	1 U	1 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L				0.5 U	0.5 U		
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L				0.5 U	0.5 U	2 U	2 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L				0.14 J	0.5 U	1 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L				0.5 U	0.24 J	1	1
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L				0.5 U	0.5 U	3	2
78-93-3	2-Butanone	OLC03-2-V	ug/L				5 U	5 U	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				0.5 U	0.5 U		
67-66-3	Chloroform	OLC03-2-V	ug/L				0.5 U	0.5 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L				0.23 J	0.51	1	2
110-82-7	Cyclohexane	OLC03-2-V	ug/L				0.5 R	0.5 U		
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L				0.5 R	0.5 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L				0.5 R	0.5 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L				0.5 R	0.5 U	0.9 J	0.8 J
79-01-6	Trichloroethene	OLC03-2-V	ug/L				0.5 R	0.5 U		
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L				0.5 R	0.5 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L				0.1 J	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L				0.5 R	0.5 U	5 U	5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L				0.5 R	0.5 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L				5 R	5 U	1 U	1 U
108-88-3	Toluene	OLC03-2-V	ug/L				0.5 R	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L				0.5 R	0.5 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L				0.5 R	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L				0.12 J	0.5 U	2	2
591-78-6	2-Hexanone	OLC03-2-V	ug/L				5 R	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L				0.5 R	0.5 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L				0.5 R	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	4-WETHL-R4 B0S57 4/15/2003	40-BRIDLEP-R4 B0X73 6/6/2003	40-QUAIL-R1 BYK16 7/19/1999	40-QUAIL-R2 B08Y8 5/21/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 R	0.5 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	400-RIVER-R1 BYK17 7/15/1999	400-RIVER-R2 B08Y7 5/21/2001	400-RIVER-R4 B0S67 4/22/2003	401-RIVER-R1 BYK35 8/23/1999
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	1 U	1 U	0.67 J	1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	0.32 J	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	1 U	0.27 J	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0 R	6 J	0.5 U	0 R
67-64-1	Acetone	OLC03-2-V	ug/L	1 U	1 U	5 U	1 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	2 U	2 U	0.5 U	2 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.34 J	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	0 R	5 U	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	0.6 J	0.42 J	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	0.27 J	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	0 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	400-RIVER-R1 BYK17 7/15/1999	400-RIVER-R2 B08Y7 5/21/2001	400-RIVER-R4 B0S67 4/22/2003	401-RIVER-R1 BYK35 8/23/1999
108-90-7	Chlorobenzene	OLC03-2-V	Unit \\\	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	401-RIVER-R2 B0903 5/25/2001	401-RIVER-R4 B0S66 5/1/2003	405-RIVER-R1 BYL03 8/5/1999	407-RIVER-R1 BYL01 7/14/1999
(Group Code)	(Group Description)						
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U		1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0 R	0.5 U	0 R	0 R
67-64-1	Acetone	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0 R	5 U	0 R	0 R
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	0.5 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	2	0.62	0.5 J	0.6 J
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	2	2.6	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0 R	5 U	0 R	0 R
78-93-3	2-Butanone	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	2	0.42 J	1	0.7 J
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	2	0.5 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1	0.26 J	1	0.9 J
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	0 R	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1	0.38 J	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	0 R	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit	401-RIVER-R2 B0903 5/25/2001	401-RIVER-R4 B0S66 5/1/2003	405-RIVER-R1 BYL03 8/5/1999	407-RIVER-R1 BYL01 7/14/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1	U	0.5	U	1
100-42-5	Styrene	OLC03-2-V	ug/L	1	U	0.5	U	1
75-25-2	Bromoform	OLC03-2-V	ug/L	1	U	0.5	U	1
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1	U	0.5	U	1
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0	R	0.5	U	1
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1	U	0.5	U	1
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1	U	0.5	U	1

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	41-BGBK-R1 BYL43 8/24/1999	41-BRIDLEP-R4 B0RR3 4/23/2003	41-QUAIL-R1 BYK11 7/20/1999	414-RIVER-R1 BYK99 7/16/1999
(Group Code)	Volatile Organic Compounds - OLC03.2 OLC02.1						
1-Residen-Voas							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U		
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U		1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U		1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U		1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U		1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.5 U		
75-35-4	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U		1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U		
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	5 UJ	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U		1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0.5 U		
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U		2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U		1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L		0.18 J		
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 J		0.7 J	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	3	0.5 U	0.8 J	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5.2 UJ	0 R	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	0.7 J		1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U		1	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U		
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U		1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U		1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0 R	0.5 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.7 U		1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L		0.5 U		
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U		1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U		1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 J	0.5 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0 R	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U		1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U		1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U		1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	4	0.5 U	1	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0 R	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U		1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	41-BGBK-R1 BYL43 8/24/1999	41-BRIDLEP-R4 B0RR3 4/23/2003	41-QUAIL-R1 BYK11 7/20/1999	414-RIVER-R1 BYK99 7/16/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	414-RIVER-R2 B0941 6/15/2001	414-RIVER-R4 B0X76 6/6/2003	417-RIVER-R1 BYK22 8/2/1999	418-RIVER-R1 BYL02 7/21/1999
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U		
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 UJ	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 UJ	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 UJ
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.5 U		
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U		
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	5 U	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0.5 U		
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	0.5 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L		0.5 U		
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	0.19 J	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	5 U	0 R	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L		0.5 U		
67-66-3	Chloroform	OLC03-2-V	ug/L	0.6 J	1.1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	0.2 J	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U		
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	0.16 J	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L		0.5 U		
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	0 R	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 UJ	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	1 U	0.42 J	0.5 J	1 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0 R	5 U	0 R	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	414-RIVER-R2 B0941 6/15/2001	414-RIVER-R4 B0X76 6/6/2003	417-RIVER-R1 BYK22 8/2/1999	418-RIVER-R1 BYL02 7/21/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0 R	0.5 U	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	419-RIVER-R1 BYK32 8/4/1999	42-HARBH-R1 BYJ38 8/3/1999	42-HARBH-R1-DUP BYL34 8/3/1999	42-QUAIL-R1 BYK14 7/20/1999
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	2 U	2 U	2 U	2 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R
78-93-3	2-Butanone	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	419-RIVER-R1 BYK32 8/4/1999	42-HARBH-R1 BYJ38 8/3/1999	42-HARBH-R1-DUP BYL34 8/3/1999	42-QUAIL-R1 BYK14 7/20/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 113 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	423-RIVER-R1 BYL12 7/14/1999	423-RIVER-R2 B08W8 5/16/2001	428-RIVER-R1 BYK25 8/24/1999	43-BGBK-R1 BYJ01 7/12/1999
(Group Code)	(Group Description)						
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	6 U	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	2 U	2 U	2 U	2 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	423-RIVER-R1 BYL12 7/14/1999	423-RIVER-R2 B08W8 5/16/2001	428-RIVER-R1 BYK25 8/24/1999	43-BGBK-R1 BYJ01 7/12/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
75-25-2	Bromoforn	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L				
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L				
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Gas Rn	Chemical Name	Sample Code	435-RIVER-R1	435-RIVER-R2	435-RIVER-R4	44-QUAIL-R1
(Group Code)	(Group Description)	Sample Name	BYL44	B0910	BOS63	BYK12
1-Residen-Voas	Volatle Organic Compounds - OLC03.2 OLC02.1	Sample Date	8/25/1999	5/30/2001	4/14/2003	7/20/1999
		Analytic Method	Unit \\\			
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U	
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.5 U	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	0.6 J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U	
67-64-1	Acetone	OLC03-2-V	0 R	0 R	5 U	
75-15-0	Carbon Disulfide	OLC03-2-V	1 U	1 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V			0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	2 U	2 U	0.5 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	1 U	1 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V			0.5 U	
75-34-3	1,1-Dichloroethane	OLC03-2-V	1 U	1 U	0.5 U	2
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	1 U	1 U	0.5 U	2
78-93-3	2-Butanone	OLC03-2-V	0 R	0 R	5 U	
75-97-5	Bromochloromethane	OLC03-2-V	ug/L			
67-66-3	Chloroform	OLC03-2-V	1 U	1 U	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	1 U	1 U	0.5 U	3
110-82-7	Cyclohexane	OLC03-2-V			0.5 U	
56-23-5	Carbon Tetrachloride	OLC03-2-V	1 U	1 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	1 U	1 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	1 U	1 U	0.5 U	2
79-01-6	Trichloroethene	OLC03-2-V			0.5 U	
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L		0.5 U	
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	1 U	1 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	1 U	1 U	0.5 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	1 U	1 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	1 U	1 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	1 U	1 U	0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	1 U	1 U	0.5 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	0 R	5 U	0.5 U	2
124-48-1	Dibromochloromethane	OLC03-2-V	1 U	1 U	0.5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \	435-RIVER-R1 BYL44 8/25/1999	435-RIVER-R2 B0910 5/30/2001	435-RIVER-R4 B0S63 4/14/2003	44-QUAIL-R1 BYK12 7/20/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code	5-BGBK-R1 BYH99 8/4/1999	5-BGBK-R2 B0912 5/30/2001	5-FOXR-R4 B0RR8 4/28/2003	5-FOXR-R4-DUP B0S61 4/28/2003
(Group Code)	(Group Description)	Analytic Method	Sample Name	Sample Date	Sample Unit	
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	1 UJ	1 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	1 UJ	1 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	1 UJ	1 U	0.5 UJ	0.5 UJ
74-83-9	Bromomethane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	1 U	1 U	0.5 UJ	0.5 UJ
75-69-4	Trichlorofluoromethane	OLC03-2-V	1 U	1 U	0.5 UJ	0.5 UJ
75-35-4	1,1-Dichloroethene	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	0 R	0 R	0.5 U	0.5 U
75-15-0	Carbon Disulfide	OLC03-2-V	1 U	1 U	5 U	5 U
79-20-9	Methyl Acetate	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	2 U	2 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	0 R	0 R	5 UJ	5 UJ
75-97-5	Bromochloromethane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	1 U	1 U	0.54	0.72
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	0 R	5 U	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	1 U	1 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	1 UJ	1 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	0 R	5 U	0.5 U	0.42 U
124-48-1	Dibromochloromethane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	1 U	1 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	5-BGBK-R1 BYH99 8/4/1999	5-BGBK-R2 B0912 5/30/2001	5-FOXR-R4 B0RR8 4/28/2003	5-FOXR-R4-DUP B0S61 4/28/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	0.5 U	
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	0.5 U	

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code	Sample Name	Sample Date	Analytic Method	Unit	5-OMP-R1 BYK87 7/13/1999	5-OMP-R2 B08Z5 5/23/2001	5-OMP-R4 B0S52 4/7/2003	5-OPL-R1 BYL16 7/16/1999	5-OPL-R2 B08W6 5/15/2001
(Group Code)	(Group Description)										
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1										
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L								
74-87-3	Chloromethane	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L				0 R	5 UJ	1.1 J	0 R	5 UJ
67-64-1	Acetone	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L				2 U	2 U	0.5 U	2 U	2 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L				1 U	0.7 J	0.23 J	5	4
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L				1 U	1 U	0.59	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L				0 R	0 R	5 U	5 U	0 R
78-93-3	2-Butanone	OLC03-2-V	ug/L				1	1 U	0.5 U	0.6 J	0.6 J
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				0.6 J	0.6 J	0.49 J	5	4
67-66-3	Chloroform	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L				0.5 J	0.6 J	0.68	7	4
79-01-6	Trichloroethene	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L				5 U	5 U	5 U	5 U	5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
108-88-3	Toluene	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L				5 U	5 U	1.9	0.6 J	0.7 J
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L				1 U	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	5-OMP-R1 BYK87 7/13/1999	5-OMP-R2 B08Z5 5/23/2001	5-OMP-R4 B0S52 4/7/2003	5-OPL-R1 BYL16 7/16/1999	5-OPL-R2 B08W6 5/15/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U	
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U	
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U	
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U	
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U	
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U	
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U	
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U	
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U	
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	1 U	0 R	
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U	
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U	
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	1 U	1 U	

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	5-OPL-R4 B0S51 4/30/2003	5-TIDEL-R1 BYK65 7/21/1999	5-WATER-R1 BYK80 8/5/1999	5-WATER-R2 B0921 6/1/2001	5-WETHL-R1 BYL30 7/29/1999
(Group Code)	(Group Description)		Unit \\\					
1-Resident-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U			1 U	1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U				
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U				
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	0 R	0 R	5 U	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U				
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	2 U	2 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U				
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	2.7	1 U	1 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 U	0 R	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L					
67-66-3	Chloroform	OLC03-2-V	ug/L	0.8 U	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	3.3	1 U	0.4 J	1 U	0.9 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U				
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.51	1 U	1 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	2.3	1 U	1 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U				
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	0 R	5 U	1 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5	1 U	0.3 J	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	0 R	5 U	1 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 122 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date	Sample Unit	5-OPL-R4 B0551 4/30/2003	5-TIDEL-R1 BYK65 7/21/1999	5-WATER-R1 BYK80 8/5/1999	5-WATER-R2 B0921 6/1/2001	5-WETHL-R1 BYL30 7/29/1999
103-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5	U	1	U	1	U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5	U	1	U	1	U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5	U	1	U	1	U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5	U	1	U	0	R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5	U	1	U	1	U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	0.5	U	1	U	1	U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit V	50-HARBH-R1 BYJ34 8/30/1999	50-HARBH-R1-DUP BYL48 8/30/1999	537-MORI-R1 BYL42 8/24/1999	537-MORI-R2 4/17/2001
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.6 J	0.6 J	1 U	0.5 U
75-35-4	1,1-Dichloroethane	OLC03-2-V	ug/L	0.6 J	0.6 J	1 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0 R	0 R	0 R	4.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	2 U	2 U	2 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R
78-93-3	2-Butanone	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	5	5	0.6 J	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.7 J	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	2 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \	50-HARBH-R1 BYJ34 8/30/1999	50-HARBH-R1-DUP BYL48 8/30/1999	537-MORI-R1 BYL42 8/24/1999	537-MORI-R2 4/17/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 125 of 148

Cas Rn	Chemical Name (Group Description)	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	538-MORI-R1 BYJ84 8/2/1999	546-MORI-R2 B0931 6/5/2001	6-FOXR-R4 B0X74 6/6/2003	6-SPRINGH-R4 B0RQ4 4/21/2003	6-TEAL-R1 BYK54 7/28/1999
(Group Code) 75-71-8	(Group Description) Volatile Organic Compounds - OLC03.2 OLC02.1								
74-87-3	Dichlorodifluoromethane	ug/L	OLC03-2-V				0.5 U	0.5 U	1 U
75-01-4	Chloromethane	ug/L	OLC03-2-V	1 UJ	1 U	0.34 J	0.5 U	0.5 U	1 U
74-83-9	Vinyl Chloride	ug/L	OLC03-2-V	1 UJ	1 U	0.5 U	0.5 U	0.5 U	1 UJ
75-00-3	Bromomethane	ug/L	OLC03-2-V	1 U	1	0.5 U	0.5 U	0.5 U	1 U
75-69-4	Chloroethane	ug/L	OLC03-2-V	1 U	1	0.5 U	0.5 U	0.5 U	1 UJ
75-35-4	Trichlorofluoromethane	ug/L	OLC03-2-V				0.5 U	0.5 U	
76-13-1	1,1-Dichloroethene	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U
57-64-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	OLC03-2-V				0.5 U	0.5 U	
75-15-0	Acetone	ug/L	OLC03-2-V	0 R	0 R	5 U	5 U	5 U	0 R
79-20-9	Carbon Disulfide	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U
75-09-2	Methyl Acetate	ug/L	OLC03-2-V	2 U	2 U	0.5 U	0.5 U	0.5 U	2 U
156-60-5	Methylene Chloride	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U
1634-04-4	trans-1,2-Dichloroethene	ug/L	OLC03-2-V				0.5 U	0.5 U	
75-34-3	Methyl Tert-Butyl Ether	ug/L	OLC03-2-V	1 U	1 U	0.31 J	0.5 U	0.5 U	2
156-59-2	1,1-Dichloroethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U	0.7 J
78-93-3	cis-1,2-Dichloroethene	ug/L	OLC03-2-V	0 R	0 R	5 U	5 U	5 U	0 R
75-97-5	2-Butanone	ug/L	OLC03-2-V				0.5 U	0.5 U	
57-66-3	Bromochloromethane	ug/L	OLC03-2-V	1 U	1 U	0.98 U	0.5 U	0.5 U	1 U
71-55-6	Chloroform	ug/L	OLC03-2-V	1 U	0.4 J	0.88	1.8	1.8	3
1110-82-7	1,1,1-Trichloroethane	ug/L	OLC03-2-V				0.5 U	0.5 U	
56-23-5	Cyclohexane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.25 J	0.25 J	1 U
71-43-2	Carbon Tetrachloride	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U
107-06-2	Benzene	ug/L	OLC03-2-V	2	0.3 J	0.5 U	0.5 U	0.5 U	1 U
79-01-6	1,2-Dichloroethane	ug/L	OLC03-2-V	1	0.9 J	0.5 U	0.5 U	0.5 U	2
108-87-2	Trichloroethene	ug/L	OLC03-2-V				0.5 U	0.5 U	
78-87-5	Methylcyclohexane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U
75-27-4	1,2-Dichloropropane	ug/L	OLC03-2-V	1 U	1 U	1.6	0.5 U	0.5 U	1 U
10061-01-5	Bromodichloromethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U
108-10-1	cis-1,3-Dichloropropene	ug/L	OLC03-2-V	0 R	5 U	5 U	5 U	5 U	5 U
108-88-3	4-Methyl-2-pentanone	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U
10061-02-6	Toluene	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U
79-00-5	trans-1,3-Dichloropropene	ug/L	OLC03-2-V	1 UJ	1 U	0.5 U	0.5 U	0.5 U	1 U
127-18-4	1,1,2-Trichloroethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U
591-78-6	Tetrachloroethene	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U
124-48-1	2-Hexanone	ug/L	OLC03-2-V	0 R	5 U	5 U	0.52	0.52	1 U
106-93-4	Dibromochloromethane	ug/L	OLC03-2-V	1 U	1 U	2	5 U	5 U	5 U
	1,2-Dibromoethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	538-MORI-R1 BYJ84 8/2/1999	546-MORI-R2 B0931 6/5/2001	6-FOXR-R4 B0X74 6/6/2003	6-SPRINGH-R4 B0RQ4 4/21/2003	6-TEAL-R1 BYK54 7/28/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	1.3	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	0.5 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION

Residential Groundwater

Volatile Organic Compounds

9/23/2003

Page 127 of 148

Cas Rn	Chemical Name (Group Description)	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	6-TIDEL-R1 BYK62 8/24/1999	6-TIDEL-R2 BYZ59 5/9/2001	6-TIDER-R2 B08X6 5/17/2001	6-TIDER-R4 B0S47 4/15/2003	6-TRACKL-R4 B0RQ1 4/18/2003
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1								
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L						0.5 UJ
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.31 J	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 UJ
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 UJ	1 U	1 U	1 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L					0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L					0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	13 UJ	13 UJ	13 UJ	5 U	5 UJ
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L					0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	2 U	2 U	2 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L					0.16 J	0.34 J
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.13 J	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R	5 U	5 UJ
75-97-5	Bromochloromethane	OLC03-2-V	ug/L						
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	1 U	2	1	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.31 J	0.4 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L					0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L					0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 UJ	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 UJ
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 UJ	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 UJ	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.98	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0 R	5 U	5 U	5 U	5 U	5 UJ
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	1 U	1 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	6-TIDEL-R1 BYK62 8/24/1999	6-TIDEL-R2 BYZ59 5/9/2001	6-TIDER-R2 B08X6 5/17/2001	6-TIDER-R4 B0S47 4/15/2003	6-TRACKL-R4 B0RQ1 4/18/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 R	0.5 R
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	0.5 R
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	0.5 R
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0 R	0.5 U	0.5 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	0.5 R
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	0.5 R
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Gas Rn	Chemical Name	Sample Code	615-MORI-R4	625-MORI-R3	625-MORI-R4	7-CARL-R1	7-CARL-R2
(Group Code)	(Group Description)	Sample Name	BOX75	BOL56	BORR7	BYJ12	B08T1
1-Residen-Voas		Sample Date	6/6/2003	3/21/2002	4/24/2003	7/9/1999	5/10/2001
	Analytic Method	Unit \1					
75-71-8	Dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
74-87-3	Chloromethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
75-01-4	Vinyl Chloride	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
67-64-1	Acetone	ug/L	5 U	5 U	5 U	0 R	17 UJ
75-15-0	Carbon Disulfide	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	ug/L	0.5 U	0 R	0.5 U	1 U	1 U
75-09-2	Methylene Chloride	ug/L	0.5 U	0.5 U	0.5 U	1 J	2 U
156-60-5	trans-1,2-Dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	ug/L	0.52 U	0.5 U	0.5 U	1 U	0.7 J
75-34-3	1,1-Dichloroethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	ug/L	0.38 J	0.5 U	0.5 U	0 R	0 R
78-93-3	2-Butanone	ug/L	5 U	5 U	8.8 UJ	1 U	1 U
75-97-5	Bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
67-66-3	Chloroform	ug/L	0.5 U	0.5 U	0.5 U	2	1
71-55-6	1,1,1-Trichloroethane	ug/L	0.24 J	0.5 U	0.5 U	1 U	1 U
110-82-7	Cyclohexane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
56-23-5	Carbon Tetrachloride	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
71-43-2	Benzene	ug/L	0.5 U	0.5 U	0.5 U	1 U	0.6 J
107-06-2	1,2-Dichloroethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
108-87-2	Methylcyclohexane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	ug/L	0.18 J	0.5 U	0.5 U	9	4
591-78-6	2-Hexanone	ug/L	5 U	5 U	5 U	5 UJ	5 U
124-48-1	Dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
106-93-4	1,2-Dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	615-MORI-R4 BOX75 6/6/2003	625-MORI-R3 BOL56 3/21/2002	625-MORI-R4 B0RR7 4/24/2003	7-CARL-R1 BYJ12 7/9/1999	7-CARL-R2 B08T1 5/10/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
75-25-2	Bromoforn	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 131 of 148

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	7-CARL-R4 B0S46 4/10/2003	7-PIN-R1 BYK09 7/13/1999	7-SPRINGH-R3 3/20/2002	7-SPRINGH-R4 B0RQ3 4/21/2003	7-TEAL-R1 BYK55 7/22/1999
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	16	0.5 U	0.5 U	0.7 J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	0 R	5 U	5 U	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U		0 R	0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	10 U	0.5 U	0.5 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.29 J	5 U	0.5 U	0.5 U	2
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	4 J	0.5 U	0.5 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	0 R	5 U	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L			0.5 U		
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.69	76	0.41 J	0.36 J	2
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.29 J	5 U	0.5 U	0.5 U	1
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	25 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1.3	5 U	0.5 U	0.5 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	25 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 132 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	7-CARL-R4 B0S46 4/10/2003	7-PIN-R1 BYK09 7/13/1999	7-SPRINGH-R3 3/20/2002	7-SPRINGH-R4 B0RQ3 4/21/2003	7-TEAL-R1 BYK55 7/22/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U		0.5 U	0.5 U	
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	0.5 U	5 U	0.5 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	7-TEAL-R1-DUP BYL22 7/22/1999	7-WETHL-R2 B08W5 5/15/2001	7-WETHL-R4 B0S44 4/28/2003	8-FELLS-R1 BYJ21 7/13/1999
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L			0.5 U	
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	0.5 UJ	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 UJ	1 U	0.5 UJ	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L			0.5 UJ	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.6 J	1 U	0.5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L			0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L	3 UJ	19 UJ	5 U	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L			0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	2 U	0.5 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L			0.5 U	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	2	1 U	0.5 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	0 R	5 UJ	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	2	0.5 J	0.42 J	2
110-82-7	Cyclohexane	OLC03-2-V	ug/L			0.5 U	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	2	1 U	0.28 J	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L			0.5 U	
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L			0.5 U	
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	7-TEAL-R1-DUP BYL22 7/22/1999	7-WETHL-R2 B08W5 5/15/2001	7-WETHL-R4 B0S44 4/28/2003	8-FELLS-R1 BYJ21 7/13/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	8-HARBR-R1 BYJ58 7/28/1999	8-HARBR-R2 B08X3 5/17/2001	8-HARBR-R4 B0S43 4/8/2003	8-HARBR-R4-DUP B0SA4 4/8/2003
(Group Code)	(Group Description)							
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	ug/L	OLC03-2-V					0.5 U
74-87-3	Chloromethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	ug/L	OLC03-2-V	0 R	14 UJ	0.5 U	5 U	5 U
75-15-0	Carbon Disulfide	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	ug/L	OLC03-2-V	2 U	2 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	ug/L	OLC03-2-V	1 U	1 U	0.12 J	0.13 J	0.13 J
1634-04-4	Methyl Tert-Butyl Ether	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	ug/L	OLC03-2-V	0 R	0 R	5 U	5 U	5 U
78-93-3	2-Butanone	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	ug/L	OLC03-2-V	0.7 J	1 U	0.36 J	0.35 J	0.35 J
71-55-6	1,1,1-Trichloroethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	ug/L	OLC03-2-V	1 U	1 U	0.22 J	0.2 J	0.2 J
79-01-6	Trichloroethene	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	OLC03-2-V	1 U	1 U	0.5 UJ	0.5 UJ	0.5 UJ
108-10-1	4-Methyl-2-pentanone	ug/L	OLC03-2-V	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	OLC03-2-V	1 U	1 U	0.5 UJ	0.5 UJ	0.5 UJ
79-00-5	1,1,2-Trichloroethane	ug/L	OLC03-2-V	1 U	1 U	0.5 UJ	0.5 UJ	0.5 UJ
127-18-4	Tetrachloroethene	ug/L	OLC03-2-V	3	2	2.7	2.8	2.8
591-78-6	2-Hexanone	ug/L	OLC03-2-V	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	ug/L	OLC03-2-V	1 U	1 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	8-HARBR-R1 BYJ58 7/28/1999	8-HARBR-R2 B08X3 5/17/2001	8-HARBR-R4 B0S43 4/8/2003	8-HARBR-R4-DUP B0SA4 4/8/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L			0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0 R	0 R	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L			0.5 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 137 of 148

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	8-PART-R1 BYK92 7/15/1999	8-PART-R2 B0923 6/5/2001	8-PART-R4 B0S42 4/30/2003	8-SPRHILL-R3 B0L53 3/20/2002	8-SPRHILL-R4 B0RQ8 4/21/2003
(Group Code)	(Group Description)								
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1								
75-71-8	Dichlorodifluoromethane		OLC03-2-V	ug/L			0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.4 J
75-00-3	Chloroethane		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane		OLC03-2-V	ug/L			0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		OLC03-2-V	ug/L			0.5 U	0.5 U	0.5 U
67-64-1	Acetone		OLC03-2-V	ug/L	0 R	0 R	5 U	5 U	5 R
75-15-0	Carbon Disulfide		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate		OLC03-2-V	ug/L			0.5 U	0 R	0.5 U
75-09-2	Methylene Chloride		OLC03-2-V	ug/L	2 U	2 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether		OLC03-2-V	ug/L			0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane		OLC03-2-V	ug/L	0.6 J	0.3 J	0.21 J	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone		OLC03-2-V	ug/L	5 U	0 R	5 U	5 U	0.5 U
75-97-5	Bromochloromethane		OLC03-2-V	ug/L				0.5 U	5 R
67-66-3	Chloroform		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane		OLC03-2-V	ug/L	0.6 J	0.4 J	0.24 J	0.5 U	0.5 U
110-82-7	Cyclohexane		OLC03-2-V	ug/L			0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 R
107-06-2	1,2-Dichloroethane		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene		OLC03-2-V	ug/L	0.9 J	0.4 J	0.25 J	0.5 U	0.5 U
108-87-2	Methylcyclohexane		OLC03-2-V	ug/L			0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone		OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 R
108-88-3	Toluene		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 R
79-00-5	1,1,2-Trichloroethane		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane		OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 R
106-93-4	1,2-Dibromoethane		OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

Residential Groundwater

Volatile Organic Compounds

9/23/2003

Page 138 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	8-PART-R1 BYK92 7/15/1999	8-PART-R2 B0923 6/5/2001	8-PART-R4 B0S42 4/30/2003	8-SPRHILL-R3 B0L53 3/20/2002	8-SPRHILL-R4 B0RQ8 4/21/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 R
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 R
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 R
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 R
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 R
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 R
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 R
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 R
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 R
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 R
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 139 of 148

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	8-TEAL-R1 BYK57 7/14/1999	8-TEAL-R2 B0908 5/29/2001	8-TEAL-R4 B0S41 4/21/2003	8-WATER-R1 BYK78 8/24/1999	8-WATER-R2 B08Y3 5/18/2001
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L			0.5 U		
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L			0.5 U		
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L			0.5 U		
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	0 R	5 U	0 R	16 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L			0.5 U		
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	2 U	0.5 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L			0.5 U		
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	1	0.9 J	0.4 J	0.7 J	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	3	6	3.2	2	1
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	0 R	5 U	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L					
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	2	2	0.6	0.9 J	0.6 J
56-23-5	Cyclohexane	OLC03-2-V	ug/L			0.5 U		
71-43-2	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
107-06-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-01-6	1,2-Dichloroethane	OLC03-2-V	ug/L	0.9 J	0.7 J	1.2	7	6
108-87-2	Trichloroethene	OLC03-2-V	ug/L			0.5 U	6	5
78-87-5	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-27-4	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
10061-01-5	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
108-10-1	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
108-88-3	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
10061-02-6	Toluene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-00-5	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
127-18-4	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
591-78-6	Tetrachloroethene	OLC03-2-V	ug/L	4	5	4.3	8	0.6
124-48-1	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	0 R	5 U
106-93-4	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 140 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	8-TEAL-R1 BYK57 7/14/1999	8-TEAL-R2 B0908 5/29/2001	8-TEAL-R4 B0S41 4/21/2003	8-WATER-R1 BYK78 8/24/1999	8-WATER-R2 B08Y3 5/18/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 U	0 R	0.5 U	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION

Residential Groundwater

Volatile Organic Compounds

9/23/2003

Page 141 of 148

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	8-WATER-R4 B0S40 4/22/2003	8-WETHL-R2 B0922 6/1/2001	8-WETHL-R4 B0X72 6/6/2003	9-HIGH-R1 BYJ65 7/8/1999	9-HIGH-R2 B08X4 5/17/2001
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U		0.5 U		
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	1 U	0.25 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U		0.5 U		
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U		0.5 U		
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	5 U	2.6 U	0 R	15 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U		0.5 U		
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	2 U	0.5 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U		0.57 U		
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.23 J	1 U	0.5 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1	0.9 J
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	0 R	5 U	0 R	0 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L			0.5 U		
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U		0.5 U		
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1.7	1 U	0.5 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U		0.5 U		
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1	1
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 142 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	8-WATER-R4 B0S40 4/22/2003	8-WETHL-R2 B0922 6/1/2001	8-WETHL-R4 B0X72 6/6/2003	9-HIGH-R1 BYJ65 7/8/1999	9-HIGH-R2 B08X4 5/17/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0 R	0.5 U	1 U	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	0.5 U	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION

Residential Groundwater

Volatile Organic Compounds

9/23/2003

Page 143 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	9-PART-R1 BYK94 8/24/1999	9-SPRINGH-R4 BORSO 4/29/2003	9-SWAN-R1 BYK51 7/28/1999	9-SWAN-R2 B0918 5/31/2001	9-SWAN-R4 BOS37 5/1/2003
(Group Code)	(Group Description)							
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U			0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	0.5 UJ	1 UJ	1 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 UJ	0.52	1 U	1 U	0.5 UJ
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	0.5 UJ	1 UJ	1 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.5 UJ			0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U			0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	5 U	0 R	0 R	5 UJ
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0.5 U			0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	0.5 U	2 U	2 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L		0.5 U			0.49 J
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.7 J	0.5 U	1 U	1 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.6 J	0.5 U	1 U	1 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	5 UJ	0 R	0 R	5 UJ
75-97-5	Bromochloromethane	OLC03-2-V	ug/L					
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1	0.5 U	1	1 U	0.2 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U			0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L		0.5 U			0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L		0.5 U			0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.9 J	0.5 U	1 U	1 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0 R	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	0.5 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

Residential Groundwater

Volatile Organic Compounds

9/23/2003

Page 144 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	9-PART-R1 BYK94 8/24/1999	9-SPRINGH-R4 BORSO 4/29/2003	9-SWAN-R1 BYK51 7/28/1999	9-SWAN-R2 B0918 5/31/2001	9-SWAN-R4 BOS37 5/1/2003
108-90-7	Chlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U	0.5 U
100-42-5	Styrene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U	0.5 U
75-25-2	Bromoform	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V		ug/L	1 U	0.5 U	0 R	0 R	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V		ug/L	1 U	0.5 U	1 U	1 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V		ug/l	1 U	0.5 U	1 U	1 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

Residential Groundwater

Volatile Organic Compounds

9/23/2003

Page 145 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	9-TEAL-R1 BYK58 8/4/1999	9-TEAL-R2 B08X0 5/16/2001	9-TEAL-R4 B0S36 4/9/2003	9-TIDER-R1 BYK68 8/4/1999	9-TIDER-R2 B0929 6/5/2001
(Group Code)	(Group Description)							
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L					
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L			0.5 U		
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.6 J	1 U	1.3	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L			0.5 U		
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	10 UJ	5 U	6 J	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L			0.5 U		
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	2 U	2 U	0.5 U	2 U	2 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L			0.5 U		
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	2	1	1.3	1 U	0.3 J
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.3 J	1 U	0.12 J	1 U	0.4 J
78-93-3	2-Butanone	OLC03-2-V	ug/L	0 R	0 R	5 U	0 R	0 R
75-97-5	Bromo-chloromethane	OLC03-2-V	ug/L					
67-66-3	Chloroform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	3	2	3.6	1 U	0.4 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L			0.5 U		
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	2	1	0.98	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L			0.5 U		
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 UJ	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0 R	5 U	5 U	0 R	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	0.5 UJ	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 UJ	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.7 J	0.8 J	1.4	1 U	2
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0 R	5 U	5 U	0 R	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION

Residential Groundwater

Volatile Organic Compounds

9/23/2003

Page 146 of 148

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	9-TEAL-R1 BYK58 8/4/1999	9-TEAL-R2 B08X0 5/16/2001	9-TEAL-R4 B0S36 4/9/2003	9-TIDER-R1 BYK68 8/4/1999	9-TIDER-R2 B0929 6/5/2001
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	1 UJ	0 R	0.5 U	1 UJ	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	1 U	1 U	0.5 U	1 U	1 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	1 U	1 U	0.5 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

Gas Rn	Chemical Name	Sample Code Sample Name Sample Date	9-TIDER-R2-DUP B0932 6/5/2001	9-TIDER-R4 B0S35 4/17/2003	9-WATER-R1 BYK81 8/3/1999	9-WATER-R1 BYL33 8/3/1999
(Group Code)	(Group Description)	Analytic Method	Unit \\\			
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	1 U	1 U	1 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	1 U	1 U	1 U
67-64-1	Acetone	OLC03-2-V	ug/L	0 R	0 R	0 R
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	1 U	1 U	1 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	2 U	2 U	2 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	1 U	1 U	1 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.3 J	0.5 J	0.5 J
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.4 J	0.7 J	0.5 J
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0 R	0 R	0 R
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0.3 J	0.5 J	0.5 J
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.3 J	0.5 J	0.5 J
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	1 U	1 U	1 U
71-43-2	Benzene	OLC03-2-V	ug/L	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	1 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	0 R	0 R
108-88-3	Toluene	OLC03-2-V	ug/L	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	1 U	1 U	1 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1 U	1 U	1 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	0 R	0 R
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	1 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Residential Groundwater
Volatile Organic Compounds

9/23/2003
Page 148 of 148

Cas Rn	Chemical Name	Analytic Method	Unit \	Sample Code Sample Name Sample Date	9-TIDER-R2-DUP B0932 6/5/2001	9-TIDER-R4 B0S35 4/17/2003	9-WATER-R1 BYK81 8/3/1999	9-WATERF-R1 BYL33 8/3/1999
108-90-7	Chlorobenzene	OLC03-2-V	ug/L		1 U	0.5 R	1 U	1 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L		1 U	0.5 R	1 U	1 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L		1 U	0.5 R	1 U	1 U
100-42-5	Styrene	OLC03-2-V	ug/L		1 U	0.5 R	1 U	1 U
75-25-2	Bromoform	OLC03-2-V	ug/L		1 U	0.5 R	1 U	1 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L			0.5 R		
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L		1 U	0.5 R	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L		1 U	0.5 R	1 U	1 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L		1 U	0.5 R	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L		1 U	0.5 R	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L		0 R	0.5 R	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L		1 U	0.5 R	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L			0.5 R		
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l		1 U	0.5 U	1 U	1 U

Vertical Profile Wells

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	VPW-01-A		VPW-01-B		VPW-03-A		VPW-03-B		VPW-04-A		VPW-05-A		VPW-05-B	
				1/31/2003		1/31/2003		2/4/2003		2/4/2003		2/4/2003		1/30/2003		1/30/2003	
(Group Code)	(Group Description)																
1-OLC03-V	Low Con Voas - OLC03-2-V																
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
67-64-1	Acetone	OLC03-2-V	ug/L	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.57		0.38 J		0.64		0.5 U		0.5 U		0.57		0.5 U	
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.52 B		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	1.1		2.2		0.5 U		0.5 U		0.5 U		1.8		1.9	
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.38 J		1.6	
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
67-66-3	Chloroform	OLC03-2-V	ug/L	0.72		0.52		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1.3		0.83		0.5 U		0.5 U		0.41 J		1.8		0.59	
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.33 J	
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1.2		0.89		0.5 U		0.5 U		0.5 U		1.5		0.62	
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U		5 U		5 U		5 U		5 U		5 U		5 U	
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U		0.5 U		0.36 J		0.5 U		0.5 U		0.5 U		0.5 U	
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.53		1.3		15	
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U		5 U		5 U		5 U		5 U		5 U		5 U	
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	

Cas Rn	Chemical Name	Analytic Method	Sample Code		VPW-01-A	VPW-01-B	VPW-03-A	VPW-03-B	VPW-04-A	VPW-05-A	VPW-05-B
			Sample Name	Sample Date							
			Unit \\\								
108-90-7	Chlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U		0.5 U		0.5 U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	VPW-06-A 1/29/2003	VPW-06-B 1/29/2003	VPW-07-A 1/30/2003	VPW-07-B 1/30/2003	VPW-07-C 1/30/2003	VPW-08-A 1/29/2003	VPW-08-B 1/29/2003
Group Code) 1-OLC03-V	(Group Description) Low Con Voas - OLC03-2-V									
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
77-64-1	Acetone	OLC03-2-V	ug/L	5 U	12 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U	0.96 U	0.38 J	0.44 J	0.71 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.38 J	1.7	0.64 U	6.9
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.6	1.9	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
77-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.33 J	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	1.2	0.58	0.67	0.43 J	0.66	0.96 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U	6.2	2.7	2.5	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.85	0.64	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	1.2	0.64	0.8	0.53	0.72	0.92	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.75	0.43 J	0.4 J	0.51	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.75	0.79	0.77	0.5 U	0.5 U
991-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

[illegible]

Cas Rn		Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	VPW-08-C 1/29/2003	VPW-10-A 2/5/2003	VPW-10-B 2/5/2003	VPW-10-C 2/5/2003	VPW-11-A 2/3/2003	VPW-11-B 2/3/2003	VPW-11-C 2/3/2003
(Group Code)	(Group Description)										
1-OLC03-V	Low Con Voas - OLC03-2-V										
75-71-8	Dichlorodifluoromethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V		ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.58	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.96 B	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V		ug/L	1.1	0.5 U	0.5 U	0.5 U	1.2	1.2	20
75-34-3	1,1-Dichloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V		ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V		ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V		ug/L	0.5 U	0.3 J	0.43 J	0.5 U	0.38 J	0.47 J	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V		ug/L	0.5 U	0.41 J	0.34 J	1.2	0.5 U	0.5 U	0.38 J
124-48-1	Dibromochloromethane	OLC03-2-V		ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

[illegible]

SMITHTOWN GROUNDWATER CONTAMINATION
2003 - Vertical Profile Wells
Volatile Organic Compounds

Sample Code			VPW-9-A	VPW-9-B
Sample Name	Sample Date		1/28/2003	1/28/2003
Unit \\\	Analytic Method			
Gas Rn	Chemical Name			
(Group Code)	(Group Description)			
1-OLC03-V	Low Con Voas - OLC03-2-V			
75-71-8	Dichlorodifluoromethane	OLC03-2-V	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	0.5 U	0.58
79-20-9	Methyl Acetate	OLC03-2-V	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	7.9	6.6
75-34-3	1,1-Dichloroethane	OLC03-2-V	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	0.5 U	0.37 J
78-93-3	2-Butanone	OLC03-2-V	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	0.5 U	0.32 J
107-06-2	1,2-Dichloroethane	OLC03-2-V	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	0.5 U	0.5
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	0.5 U	0.5 U
124-48-1	Dibromochloromethane	OLC03-2-V	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
2003 - Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	VPW-9-A 1/28/2003	VPW-9-B 1/28/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \\ Depth	GWS-VPW12A 4/19/2001 250 to 255	GWS-VPW12B 4/19/2001 240 to 245	GWS-VPW12B-DUP 4/19/2001 240 to 245	GWS-VPW12D 4/19/2001 230 to 235	GWS-VPW12E 4/19/2001 220 to 225
(Group Code)	(Group Description)							
Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-88-3	Toluene	DW524-2	ug/L	20 J	16	15	21	18
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
100-42-5	Styrene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW12A 4/19/2001 250 to 255	GWS-VPW12B 4/19/2001 240 to 245	GWS-VPW12B-DUP 4/19/2001 240 to 245	GWS-VPW12D 4/19/2001 230 to 235	GWS-VPW12E 4/19/2001 220 to 225
98-82-8	Isopropylbenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-86-1	Bromobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
135-98-8	2-Phenylbutane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
99-87-6	Cymene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
104-51-8	n-Butylbenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
91-20-3	Naphthalene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	1	1.2	1.2	1	1.4
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	12 UJ	13 UJ	9.7 UJ	10 UJ	12 UJ
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
78-93-3	2-Butanone	DW524-2	ug/L	3.6 UJ	3.8 UJ	3.6 UJ	3.3 UJ	4.1 UJ
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	GWS-VPW12A 4/19/2001 250 to 255	GWS-VPW12B 4/19/2001 240 to 245	GWS-VPW12B-DUP 4/19/2001 240 to 245	GWS-VPW12D 4/19/2001 230 to 235	GWS-VPW12E 4/19/2001 220 to 225
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \ Depth	GWS-VPW12F 4/19/2001 210 to 215	GWS-VPW12G 4/19/2001 200 to 205	GWS-VPW12H 4/20/2001 190 to 195	GWS-VPW12I 4/20/2001 180 to 185	GWS-VPW12J 4/20/2001 170 to 175
(Group Code)	(Group Description)							
Voa-w-ems1	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0 R	0 R	0.5 UJ	0.5 UJ	0.5 UJ
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
75-97-5	Bromochloromethane	DW524-2	ug/L	0 R	0 R	0.5 UJ	0.5 UJ	0.5 UJ
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0 R	0 R	0.5 UJ	0.5 UJ	0.5 UJ
108-88-3	Toluene	DW524-2	ug/L	24	28	16 J	34 J	20 J
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0 R
108-90-7	Chlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0 R	0 R	0.5 UJ	0.5 UJ	0.5 UJ
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
1330-20-7	Xylenes (total)	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
100-42-5	Styrene	DW524-2	ug/L	0 R	0 R	0.5 UJ	0.5 UJ	0.5 UJ
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW12F 4/19/2001 210 to 215	GWS-VPW12G 4/19/2001 200 to 205	GWS-VPW12H 4/20/2001 190 to 195	GWS-VPW12I 4/20/2001 180 to 185	GWS-VPW12J 4/20/2001 170 to 175
98-82-8	Isopropylbenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
91-20-3	Naphthalene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	1	1.2	0.7 J	0.9 J	0.7 J
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	11 U	13 U	25 U	41 U	36 U
67-64-1	Acetone	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0 R
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R	0 R	2 U	0 R	0 R
78-93-3	2-Butanone	DW524-2	ug/L	3.2 U	4.1 U	4.7 U	6.7 U	5.2 U
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	GWS-VPW12F 4/19/2001 210 to 215	GWS-VPW12G 4/19/2001 200 to 205	GWS-VPW12H 4/20/2001 190 to 195	GWS-VPW12I 4/20/2001 180 to 185	GWS-VPW12J 4/20/2001 170 to 175
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
591-78-6	2-Hexanone	DW524-2	ug/L	0 R	0 R	2 UJ	2 UJ	2 UJ
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW12K 4/20/2001 160 to 165	GWS-VPW12L 4/20/2001 150 to 155	GWS-VPW12M 4/20/2001 140 to 145	GWS-VPW12N 4/20/2001 130 to 135	GWS-VPW14A 4/17/2001 245 to 250
(Group Code)	(Group Description)							
Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.6 J	0.8 J	0.5 J	0.5 UJ	0 R
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.7 J	0.5 UJ	0.5 UJ	0.5 UJ	0 R
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 UJ	0.5 UJ	1 J	1 J	0 R
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.7 J	0.7 J	0.5 UJ	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
78-87-5	Dibromomethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
74-95-3	Bromodichloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
75-27-4	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
10061-01-5	Toluene	DW524-2	ug/L	9 J	11 J	17 J	13 J	15
108-88-3	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
10061-02-6	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
79-00-5	Tetrachloroethene	DW524-2	ug/L	1.1 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
127-18-4	1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
142-28-9	Dibromochloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
124-48-1	1,2-Dibromoethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
106-93-4	Chlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
108-90-7	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
630-20-6	Ethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
100-41-4	Xylenes (total)	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
1330-20-7	Styrene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
100-42-5	Bromoform	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
75-25-2		DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW12K 4/20/2001 160 to 165	GWS-VPW12L 4/20/2001 150 to 155	GWS-VPW12M 4/20/2001 140 to 145	GWS-VPW12N 4/20/2001 130 to 135	GWS-VPW14A 4/17/2001 245 to 250
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0 R
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0 R
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0 R
99-87-6	Cymene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0 R
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0 R
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0 R
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0 R
91-20-3	Naphthalene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
67-64-1	Acetone	DW524-2	ug/L	16 UJ	29 UJ	29 UJ	25 UJ	31 U
74-88-4	Methyl iodide(Iodomethane)	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	2 U
78-93-3	2-Butanone	DW524-2	ug/L	2.6 UJ	3.2 UJ	4.2 UJ	3.9 UJ	4.2 U
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0 R	0 R	0 R	0 R	2 U
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW12K 4/20/2001 160 to 165	GWS-VPW12L 4/20/2001 150 to 155	GWS-VPW12M 4/20/2001 140 to 145	GWS-VPW12N 4/20/2001 130 to 135	GWS-VPW14A 4/17/2001 245 to 250
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \ \ Depth	GWS-VPW14B 4/17/2001 235 to 240	GWS-VPW14C 4/17/2001 225 to 230	GWS-VPW14D 4/17/2001 215 to 220	GWS-VPW14E 4/17/2001 205 to 210	GWS-VPW14F 4/17/2001 145 to 200
(Group Code)	(Group Description)							
Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0 R	0.5 U	0 R	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0 R	0.5 U	0 R	0.5 U	0 R
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0 R	0.5 U	0 R	0.5 U	0 R
108-88-3	Toluene	DW524-2	ug/L	28	38	32	37	28
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0 R	0.5 U	0 R	0.5 U	0 R
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0 R	0.5 U	0 R	0.5 U	0 R
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0 R	0.5 U	0 R	0.5 U	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW14B 4/17/2001 235 to 240	GWS-VPW14C 4/17/2001 225 to 230	GWS-VPW14D 4/17/2001 215 to 220	GWS-VPW14E 4/17/2001 205 to 210	GWS-VPW14F 4/17/2001 145 to 200
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
104-51-8	n-Butylbenzene	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
91-20-3	Naphthalene	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	21 U	19	17 U	20 U	16 U
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	5.2 U	4.7	4.6 U	5.2 U	3.2 U
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	2 U	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW14B 4/17/2001 235 to 240	GWS-VPW14C 4/17/2001 225 to 230	GWS-VPW14D 4/17/2001 215 to 220	GWS-VPW14E 4/17/2001 205 to 210	GWS-VPW14F 4/17/2001 145 to 200
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \ Depth	GWS-VPW14G 4/18/2001 185 to 190	GWS-VPW14H 4/18/2001 175 to 180	GWS-VPW14I 4/18/2001 165 to 170	GWS-VPW14J 4/18/2001 155 to 160	GWS-VPW14K 4/18/2001 145 to 150
(Group Code)	(Group Description)							
Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	DW524-2	ug/L	56	54	36	37	16
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW14G 4/18/2001 185 to 190	GWS-VPW14H 4/18/2001 175 to 180	GWS-VPW14I 4/18/2001 165 to 170	GWS-VPW14J 4/18/2001 155 to 160	GWS-VPW14K 4/18/2001 145 to 150
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0 R	0 R	0.5 U	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	44 UJ	69 UJ	40 UJ	49 UJ	15 UJ
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R	0 R	2 U	0 R	0 R
78-93-3	2-Butanone	DW524-2	ug/L	7.9 UJ	10 UJ	6 UJ	7 UJ	0 R
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.6	0.6	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	0 R	0 R	2 U	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\ Depth	GWS-VPW14G 4/18/2001 185 to 190	GWS-VPW14H 4/18/2001 175 to 180	GWS-VPW14I 4/18/2001 165 to 170	GWS-VPW14J 4/18/2001 155 to 160	GWS-VPW14K 4/18/2001 145 to 150
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW15A 5/3/2001 to	GWS-VPW15B 5/3/2001 to	GWS-VPW15C 5/3/2001 to	GWS-VPW15D 5/3/2001 to	GWS-VPW15E 5/3/2001 to
(Group Code) Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
74-87-3	Chloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
74-83-9	Bromomethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-00-3	Chloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-09-2	Methylene Chloride	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-97-5	Bromochloromethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
67-66-3	Chloroform	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.8 J	0.6 J	0.5 UJ
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
71-43-2	Benzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-88-3	Toluene	DW524-2	ug/L	5.1 J	7.2 J	5.7 J	5.7 J	5.1 J
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
124-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
124-48-1	Dibromochloromethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-90-7	Chlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
100-42-5	Styrene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW15A 5/3/2001 to	GWS-VPW15B 5/3/2001 to	GWS-VPW15C 5/3/2001 to	GWS-VPW15D 5/3/2001 to	GWS-VPW15E 5/3/2001 to
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
108-86-1	Bromobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
99-87-6	Cymene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
91-20-3	Naphthalene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
67-64-1	Acetone	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	7.6 UJ	8.1 UJ	7.6 UJ	4.2 UJ	4.4 UJ
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-13-1	Acrylonitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
78-93-3	2-Butanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
96-33-3	Methyl acrylate	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
107-12-0	Propionitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW15A 5/3/2001 to	GWS-VPW15B 5/3/2001 to	GWS-VPW15C 5/3/2001 to	GWS-VPW15D 5/3/2001 to	GWS-VPW15E 5/3/2001 to
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
591-78-6	2-Hexanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
98-95-3	Nitrobenzene	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \ \ Depth	GWS-VPW15F 5/3/2001 to	GWS-VPW17A 5/1/2001 192 to 197	GWS-VPW17B 5/1/2001 184 to 189	GWS-VPW17B-DUP 5/1/2001 184 to 189	GWS-VPW17D 5/1/2001 174 to 179
(Group Code) Voa-w-emi	(Group Description) Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
67-66-3	Chloroform	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.7	0.7	0.6
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
108-88-3	Toluene	DW524-2	ug/L	2.5 UJ	2.7	6.3	6.3	3.9
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 UJ	0.5 U	0 R	0 R	0 R
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW15F 5/3/2001 to	GWS-VPW17A 5/1/2001 192 to 197	GWS-VPW17B 5/1/2001 184 to 189	GWS-VPW17B-DUP 5/1/2001 184 to 189	GWS-VPW17D 5/1/2001 174 to 179
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
99-87-6	Cymene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
91-20-3	Naphthalene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.9 J	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	4.9 UJ	0 R	0 R	0 R	0 R
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 UJ	2 U	2 U	2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	2 UJ	4.9	4.4	4.1	3.3
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	2 UJ	2 U	2 U	2 U	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 UJ	2 U	2 U	2 U	2 U
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-14-2	Chloroacetonitrile	DW524-2	ug/L	2 UJ	0 R	0 R	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	GWS-VPW15F 5/3/2001 to	GWS-VPW17A 5/1/2001 192 to 197	GWS-VPW17B 5/1/2001 184 to 189	GWS-VPW17B-DUP 5/1/2001 184 to 189	GWS-VPW17D 5/1/2001 174 to 179
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 UJ	2 U	2 U	2 U	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	2 UJ	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \ Depth	GWS-VPW17E 5/1/2001 164 to 169	GWS-VPW17F 5/1/2001 154 to 159	GWS-VPW18A 4/10/2001 186 to 191	GWS-VPW18B 4/10/2001 175 to 180	GWS-VPW18C 4/10/2001 165 to 170
(Group Code)	(Group Description)							
Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0 R	0 R	0.7	0.5	0.5
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.6
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	DW524-2	ug/L	7.6	5.4	24	25	38
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	1.8	1	0.9
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW17E 5/1/2001 164 to 169	GWS-VPW17F 5/1/2001 154 to 159	GWS-VPW18A 4/10/2001 186 to 191	GWS-VPW18B 4/10/2001 175 to 180	GWS-VPW18C 4/10/2001 165 to 170
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.6 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
67-64-1	Acetone	DW524-2	ug/L	0 R	0 R	14 UJ	26 UJ	30 UJ
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0 R
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0 R	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	0 R	0 R	0 R
78-93-3	2-Butanone	DW524-2	ug/L	0.5 U	2.2	3 UJ	8.1 UJ	8.1 UJ
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
107-12-0	Propionitrile	DW524-2	ug/L	2 U	2 U	0 R	0 R	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 U	2 U	0 R	0 R	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ	0 R	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 UJ	2 UJ	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \ Depth	GWS-VPW17E 5/1/2001 164 to 169	GWS-VPW17F 5/1/2001 154 to 159	GWS-VPW18A 4/10/2001 186 to 191	GWS-VPW18B 4/10/2001 175 to 180	GWS-VPW18C 4/10/2001 165 to 170
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	2 U	2 U	0 R	0 R
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
98-95-3	Nitrobenzene	DW524-2	ug/L	2 U	2 U	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \ \ Depth	GWS-VPW19A 4/5/2001 198 to 203	GWS-VPW19B 4/5/2001 188 to 193	GWS-VPW19C 4/6/2001 178 to 183	GWS-VPW19D 4/6/2001 168 to 173	GWS-VPW19E 4/6/2001 158 to 163
(Group Code)	(Group Description)							
Voa-w-ems1	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	DW524-2	ug/L	0.7	1.2	3.3 J	1.9 J	0.7 J
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW19A 4/5/2001 198 to 203	GWS-VPW19B 4/5/2001 188 to 193	GWS-VPW19C 4/6/2001 178 to 183	GWS-VPW19D 4/6/2001 168 to 173	GWS-VPW19E 4/6/2001 158 to 163
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	2.9 J	2.7 J	1.1 J	2 J	2.9 J
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	16 U	17 U	29 J	16 J	2 U
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0 R
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R	2 U	0 R	0 R	0 R
78-93-3	2-Butanone	DW524-2	ug/L	5.8 J	6.1 J	6.8 J	4.5 J	2.2 J
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW19A 4/5/2001 198 to 203	GWS-VPW19B 4/5/2001 188 to 193	GWS-VPW19C 4/6/2001 178 to 183	GWS-VPW19D 4/6/2001 168 to 173	GWS-VPW19E 4/6/2001 158 to 163
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
591-78-6	2-Hexanone	DW524-2	ug/L	0 R	0 R	2 UJ	2 UJ	2 UJ
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW19F 4/6/2001 148 to 153	GWS-VPW19G 4/6/2001 138 to 143	GWS-VPW19H 4/6/2001 128 to 133	GWS-VPW19H-DUP 4/6/2001 128 to 133	GWS-VPW19I 4/6/2001 118 to 123
(Group Code)	(Group Description)							
Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
74-87-3	Chloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
74-83-9	Bromomethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-00-3	Chloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 J	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
67-66-3	Chloroform	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.8 J	0.6 J	0.5 UJ	0.5 UJ	0.5 UJ
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
71-43-2	Benzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
108-88-3	Toluene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.7 J	0.8 J	1.7 J
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
100-42-5	Styrene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-25-2	Bromoform	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \ Depth	GWS-VPW19F 4/6/2001 148 to 153	GWS-VPW19G 4/6/2001 138 to 143	GWS-VPW19H 4/6/2001 128 to 133	GWS-VPW19H-DUP 4/6/2001 128 to 133	GWS-VPW19I 4/6/2001 118 to 123
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
99-87-6	Cymene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
91-20-3	Naphthalene	DW524-2	ug/L	0.8 J	0.5 J	1.6 J	1.6 J	1.4 J
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
67-64-1	Acetone	DW524-2	ug/L	5 J	4.9 J	7.4 J	6.6 J	11 J
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
78-93-3	2-Butanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	2.6 J
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-12-0	Propionitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW19F 4/6/2001 148 to 153	GWS-VPW19G 4/6/2001 138 to 143	GWS-VPW19H 4/6/2001 128 to 133	GWS-VPW19H-DUP 4/6/2001 128 to 133	GWS-VPW19I 4/6/2001 118 to 123
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
591-78-6	2-Hexanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Gas Pn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW19K 4/9/2001 108 to 113	GWS-VPW19L 4/9/2001 98 to 103	GWS-VPW19M 4/9/2001 88 to 93	GWS-VPW20A 4/23/2001 185 to 190	GWS-VPW20B 4/23/2001 175 to 180
(Group Code)	(Group Description)							
Voa-w-emi	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.6	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0 R	0 R	0 R	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0 R	0 R	0 R	0.5 U	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.6	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	DW524-2	ug/L	2	1.4	2.1	32	11
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.6	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \ Depth	GWS-VPW19K 4/9/2001 108 to 113	GWS-VPW19L 4/9/2001 98 to 103	GWS-VPW19M 4/9/2001 88 to 93	GWS-VPW20A 4/23/2001 185 to 190	GWS-VPW20B 4/23/2001 175 to 180
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.6 J	0 R	0.6 J	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	9.4 J	7.3 J	9.3 J	0.5 U	0.5 U
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	2 U	2 U	2.7	0.5 U	0.5 U
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 U	2 U	2 U	2.7 J	5.8 J
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	2 U	2 U
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW19K 4/9/2001 108 to 113	GWS-VPW19L 4/9/2001 98 to 103	GWS-VPW19M 4/9/2001 88 to 93	GWS-VPW20A 4/23/2001 185 to 190	GWS-VPW20B 4/23/2001 175 to 180
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION

Vertical Profile Wells

Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW20C 4/23/2001 165 to 170	GWS-VPW20D 4/23/2001 155 to 160	GWS-VPW20E 4/23/2001 145 to 150	GWS-VPW20F 4/24/2001 125 to 130	GWS-VPW20G 4/24/2001 115 to 120
(Group Code)	(Group Description)							
Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	DW524-2	ug/L	6.3	6.1	15	28	15
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \ \ Depth	GWS-VPW20C 4/23/2001 165 to 170	GWS-VPW20D 4/23/2001 155 to 160	GWS-VPW20E 4/23/2001 145 to 150	GWS-VPW20F 4/24/2001 125 to 130	GWS-VPW20G 4/24/2001 115 to 120
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
91-20-3	Naphthalene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.6	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	35 U	62 U
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	2 U	0 R	0 R
78-93-3	2-Butanone	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	7.5 U	12 U
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	2 U	2 U	2 U	0 R	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 U	2 U	2 U	0 R	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	2 U	2 U	2 U	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	0 R
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 U	2 U	2 U	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW20C 4/23/2001 165 to 170	GWS-VPW20D 4/23/2001 155 to 160	GWS-VPW20E 4/23/2001 145 to 150	GWS-VPW20F 4/24/2001 125 to 130	GWS-VPW20G 4/24/2001 115 to 120
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	2 U	2 U	2 U	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

9/23/2003
Page 37 of 84

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW21A 5/11/2001 to	GWS-VPW21B 5/11/2001 to
(Group Code) Voa-w-ems1	Volatile Organics - DW524.2				
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
74-87-3	Chloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ
74-83-9	Bromomethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
75-00-3	Chloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0 R	0 R
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 J	0.5 J
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
67-66-3	Chloroform	DW524-2	ug/L	0.5 UJ	0.5 UJ
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.5 J
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 UJ	0.5 UJ
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ
71-43-2	Benzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ
108-88-3	Toluene	DW524-2	ug/L	11 J	7.5 J
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 UJ	0.5 UJ
100-42-5	Styrene	DW524-2	ug/L	0.5 UJ	0.5 UJ
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW21A 5/11/2001 to	GWS-VPW21B 5/11/2001 to
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 UJ
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 UJ
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 UJ	0.5 UJ
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
99-87-6	Cymene	DW524-2	ug/L	0.5 UJ	0.5 UJ
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 UJ	0.5 UJ
91-20-3	Naphthalene	DW524-2	ug/L	0 R	0 R
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0 R	0 R
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 UJ	0.5 UJ
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 UJ	0.5 UJ
67-64-1	Acetone	DW524-2	ug/L	9.1 UJ	6 UJ
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 UJ	0.5 UJ
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 UJ	0.5 UJ
107-05-1	Allyl chloride	DW524-2	ug/L	0 R	0 R
107-13-1	Acrylonitrile	DW524-2	ug/L	2 UJ	2 UJ
78-93-3	2-Butanone	DW524-2	ug/L	2.1 J	2 UJ
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ
107-12-0	Propionitrile	DW524-2	ug/L	2 UJ	2 UJ
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 UJ	2 UJ
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ
79-46-9	2-Nitropropane	DW524-2	ug/L	2 UJ	2 UJ
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	0 R	0 R
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 UJ	2 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW21A 5/11/2001 to	GWS-VPW21B 5/11/2001 to
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ
591-78-6	2-Hexanone	DW524-2	ug/L	2 UJ	2 UJ
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 UJ	0.5 UJ
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ
98-95-3	Nitrobenzene	DW524-2	ug/L	2 UJ	2 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW23A 4/26/2001 142 to 144	GWS-VPW23B 4/26/2001 184 to 189	GWS-VPW23B-DUP 4/26/2001 184 to 189	GWS-VPW23D 4/26/2001 174 to 179	GWS-VPW23E 4/26/2001 164 to 169
(Group Code)	(Group Description)							
Voa-w-ems1	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0 R
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-88-3	Toluene	DW524-2	ug/L	5.3	14	14	15	16
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Unit \ \ Depth	GWS-VPW23A 4/26/2001 142 to 144	GWS-VPW23B 4/26/2001 184 to 189	GWS-VPW23B-DUP 4/26/2001 184 to 189	GWS-VPW23D 4/26/2001 174 to 179	GWS-VPW23E 4/26/2001 164 to 169
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	1.6	1.4	1.4	1.1	1.2
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.8	0.9	0.8	0.6	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	24 UJ	13 UJ	12 UJ	11 UJ	12 UJ
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	1.7	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW23A 4/26/2001 142 to 144	GWS-VPW23B 4/26/2001 184 to 189	GWS-VPW23B-DUP 4/26/2001 184 to 189	GWS-VPW23D 4/26/2001 174 to 179	GWS-VPW23E 4/26/2001 164 to 169
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW23F 4/26/2001 154 to 158	GWS-VPW23G 4/27/2001 144 to 149	GWS-VPW23H 4/27/2001 134 to 139	GWS-VPW23I 4/27/2001 124 to 129	GWS-VPW23J 4/27/2001 114 to 119
(Group Code)	(Group Description)							
Voa-w-emsf	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-86-3	Chloroform	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
108-88-3	Toluene	DW524-2	ug/L	19	19	17	17	17
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW23F 4/26/2001 154 to 158	GWS-VPW23G 4/27/2001 144 to 149	GWS-VPW23H 4/27/2001 134 to 139	GWS-VPW23I 4/27/2001 124 to 129	GWS-VPW23J 4/27/2001 114 to 119
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	1.3	1.2 J	1.2 J	1 J	1 J
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	0.5 U	17 U	13 U	10 U	22 U
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	0 R	0 R	0 R	0 R
78-93-3	2-Butanone	DW524-2	ug/L	2 U	0 R	0 R	0 R	5.1 J
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	2 U	0 R	0 R	0 R	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 U	0 R	0 R	0 R	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 U	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW23F 4/26/2001 154 to 158	GWS-VPW23G 4/27/2001 144 to 149	GWS-VPW23H 4/27/2001 134 to 139	GWS-VPW23I 4/27/2001 124 to 129	GWS-VPW23J 4/27/2001 114 to 119
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	0 R	0 R	0 R	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	2 UJ	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW23K 4/27/2001 104 to 109	GWS-VPW23L 4/27/2001 94 to 99	GWS-VPW23M 4/27/2001 84 to 89	GWS-VPW23N 4/27/2001 74 to 79	GWS-VPW24A 4/12/2001 200 to 205
(Group Code)	(Group Description)							
Voa-w-emsf	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	1.1
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	1.6
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
108-88-3	Toluene	DW524-2	ug/L	12	10	16	12	79
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
127-18-4	Tetrachloroethene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.9
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
124-48-1	Dibromochloromethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.9 J
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW23K 4/27/2001 104 to 109	GWS-VPW23L 4/27/2001 94 to 99	GWS-VPW23M 4/27/2001 84 to 89	GWS-VPW23N 4/27/2001 74 to 79	GWS-VPW24A 4/12/2001 200 to 205
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.8 J	0.6 J	0.7 J	0.6 J	0.6 J
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	2.7 J
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
67-64-1	Acetone	DW524-2	ug/L	18 UJ	15 UJ	25 UJ	20 UJ	29 UJ
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
78-93-3	2-Butanone	DW524-2	ug/L	3.5 J	0 R	6.9 J	5.2 J	190 J
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0 R	0 R	0 R	0 R	40 J
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetone	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 UJ
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW23K 4/27/2001 104 to 109	GWS-VPW23L 4/27/2001 94 to 99	GWS-VPW23M 4/27/2001 84 to 89	GWS-VPW23N 4/27/2001 74 to 79	GWS-VPW24A 4/12/2001 200 to 205
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	0 R
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name	Unit \ Depth	GWS-VPW24B 4/12/2001 193 to 198	GWS-VPW24C 4/12/2001 184 to 189	GWS-VPW24D 4/12/2001 174 to 179	GWS-VPW24E 4/13/2001 164 to 169	GWS-VPW24F 4/13/2001 154 to 159
(Group Code)	(Group Description)								
Voa-w-ems1	Volatile Organics - DW524.2								
75-71-8	Dichlorodifluoromethane	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.9 J	1.1 J
156-60-5	trans-1,2-Dichloroethene	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2		ug/L	0.9	1.3	4.6	3	2.3
590-20-7	2,2-Dichloropropane	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2		ug/L	1.3	1.8	5.7	3.3	2.7
56-23-5	Carbon Tetrachloride	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	DW524-2		ug/L	78	99	22	48 J	49 J
10061-02-6	trans-1,3-Dichloropropene	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2		ug/L	0.5	0.6	0.5 U	0.5 U	0.5
142-28-9	1,3-Dichloropropane	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,2-Tetrachloroethane	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2		ug/L	0.7 J	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW24B 4/12/2001 193 to 198	GWS-VPW24C 4/12/2001 184 to 189	GWS-VPW24D 4/12/2001 174 to 179	GWS-VPW24E 4/13/2001 164 to 169	GWS-VPW24F 4/13/2001 154 to 159
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0 R	0 R	0 R	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	2.1 J	2 J	0.8 J	1.2 U	1.4
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
67-64-1	Acetone	DW524-2	ug/L	23 UJ	21 UJ	8 UJ	13 U	12 U
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R	0 R	0 R	2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	160 J	140 J	32 J	59 J	60 J
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0 R
109-12-0	Propionitrile	DW524-2	ug/L	31 J	29 J	6.4 J	10	13
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0 R
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0 R
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R	0 R	0 R	0.5 U	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	2 U	2 U
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 UJ	0 R	0 R	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	0 R	0 R	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW24B 4/12/2001 193 to 198	GWS-VPW24C 4/12/2001 184 to 189	GWS-VPW24D 4/12/2001 174 to 179	GWS-VPW24E 4/13/2001 164 to 169	GWS-VPW24F 4/13/2001 154 to 159
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0 R
591-78-6	2-Hexanone	DW524-2	ug/L	0 R	0 R	0 R	2 U	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0 R	0 R	0 R	0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0 R
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0 R
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	0 R	0 R	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW24G 4/13/2001 144 to 149	GWS-VPW24H 4/13/2001 134 to 139	GWS-VPW24I 4/13/2001 124 to 129	GWS-VPW24J 4/13/2001 114 to 119	GWS-VPW24K 4/13/2001 104 to 109
(Group Code)	(Group Description)							
Voa-w-ems1	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0 R
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	1 J	0.5 J	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	2.1	1.8	1.4	1.2	0.7
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0 R
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	2.5	2.1	1.8	1.4	1
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.7	0.5	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	DW524-2	ug/L	71 J	68 J	72 J	68 J	30 J
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.6	0.6	0.7	0.8	2.5
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Unit \ \ Depth	GWS-VPW24G 4/13/2001 144 to 149	GWS-VPW24H 4/13/2001 134 to 139	GWS-VPW24I 4/13/2001 124 to 129	GWS-VPW24J 4/13/2001 114 to 119	GWS-VPW24K 4/13/2001 104 to 109
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	1.5	1.6	1.7	1.6	1
60-29-7	Ethyl ether	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
67-64-1	Acetone	DW524-2	ug/L	17 U	19 U	0 R	0 R	0 R
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	100 J	100 J	110 J	100 J	41 J
96-33-3	Methyl acrylate	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
107-12-0	Propionitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	19	21	22	20	10
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
109-89-3	n-Butyl chloride	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	2 U	2 U	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW24G 4/13/2001 144 to 149	GWS-VPW24H 4/13/2001 134 to 139	GWS-VPW24I 4/13/2001 124 to 129	GWS-VPW24J 4/13/2001 114 to 119	GWS-VPW24K 4/13/2001 104 to 109
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	2 U	0 R	0 R	0 R
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
67-72-1	Hexachloroethane	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R
98-95-3	Nitrobenzene	DW524-2	ug/L	2 U	2 U	2 UJ	2 UJ	2 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Name Sample Date Unit \ Depth	GWS-VPW24L 4/13/2001 94 to 99	GWS-VPW24M 4/13/2001 84 to 89	GWS-VPW24N 4/19/2001 74 to 79	GWS-VPW24O 4/16/2001 64 to 69	GWS-VPW24O-DUP 4/16/2001 64 to 69
(Group Code)	(Group Description)							
75-w-ems1	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.7	0.6	0.7	0.5 U	0 R
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
75-97-5	Bromochloromethane	DW524-2	ug/L	0 R	0 R	0 R	0.5 U	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.9	0.8	0.8	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.6	0.6
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
108-88-3	Toluene	DW524-2	ug/L	45 J	35 J	39 J	21	19
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	1.5	2.1	2.9	5.6	4.5
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW24L 4/13/2001 94 to 99	GWS-VPW24M 4/13/2001 84 to 89	GWS-VPW24N 4/19/2001 74 to 79	GWS-VPW24O 4/16/2001 64 to 69	GWS-VPW24O-DUP 4/16/2001 64 to 69
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
99-87-6	Cymene	DW524-2	ug/L	0.8	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
91-20-3	Naphthalene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	1.2	1.4	1.2	0.8	0.9
60-29-7	Ethyl ether	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
67-64-1	Acetone	DW524-2	ug/L	0 R	0 R	0 R	7 U	8.8 U
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0 R	0 R	0 R	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	2 U	0 R	2 U
78-93-3	2-Butanone	DW524-2	ug/L	52 J	61 J	45 J	20 J	29
96-33-3	Methyl acrylate	DW524-2	ug/L	0 R	0 R	0.5 U	0 R	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	2 U	2 U	2 U	0 R	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	12	13	10	4.6 J	6.3 J
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 U	2 U	2 U	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW24L 4/13/2001 94 to 99	GWS-VPW24M 4/13/2001 84 to 89	GWS-VPW24N 4/19/2001 74 to 79	GWS-VPW24O 4/16/2001 64 to 69	GWS-VPW24O-DUP 4/16/2001 64 to 69
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Date Unit \ Depth	GWS-VPW24P 4/16/2001 54 to 59	GWS-VPW24Q 4/16/2001 44 to 49	GWS-VPW24Q-DUP 4/16/2001 44 to 49	GWS-VPW24R 4/16/2001 34 to 39	GWS-VPW24S 4/16/2001 24 to 29
(Group Code)	(Group Description)							
Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0 R
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.7	0.9	0.5	0.6
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
108-88-3	Toluene	DW524-2	ug/L	17	16	14	20	13
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	3.6	7.3	5	3	7.5
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \\ Depth	GWS-VPW24P 4/16/2001 54 to 59	GWS-VPW24Q 4/16/2001 44 to 49	GWS-VPW24Q-DUP 4/16/2001 44 to 49	GWS-VPW24R 4/16/2001 34 to 39	GWS-VPW24S 4/16/2001 24 to 29
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0 R	0 R	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.8	0.8	0.8	0.9	0.6
60-29-7	Ethyl ether	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0 R
67-64-1	Acetone	DW524-2	ug/L	12 UJ	7.6 UJ	12 UJ	15 U	9.6 UJ
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0 R
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0 R	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	19 J	10 J	16 J	32 J	6.9 J
96-33-3	Methyl acrylate	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0 R
107-12-0	Propionitrile	DW524-2	ug/L	4.2 J	2.2 J	2.7 J	6.5 J	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0 R
109-69-3	n-Butyl chloride	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0 R
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW24P 4/16/2001 54 to 59	GWS-VPW24Q 4/16/2001 44 to 49	GWS-VPW24Q-DUP 4/16/2001 44 to 49	GWS-VPW24R 4/16/2001 34 to 39	GWS-VPW24S 4/16/2001 24 to 29
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0 R
591-78-6	2-Hexanone	DW524-2	ug/L	0 R	0 R	2 U	2 U	0 R
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0 R
67-72-1	Hexachloroethane	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0 R
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW24V 4/16/2001 14 to 19	GWS-VPW25A 4/12/2001 98 to 103	GWS-VPW25B 4/12/2001 88 to 93	GWS-VPW25C 4/12/2001 78 to 83	GWS-VPW25D 4/12/2001 68 to 78
(Group Code)	(Group Description)							
Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0 R
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0 R
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0 R
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	1.1	0.8	1	1.2
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0 R
108-88-3	Toluene	DW524-2	ug/L	15	3.1	6.1	12	17
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
127-18-4	Tetrachloroethene	DW524-2	ug/L	3	0.5 U	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
75-25-2	Bromoform	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW24V 4/16/2001 14 to 19	GWS-VPW25A 4/12/2001 98 to 103	GWS-VPW25B 4/12/2001 88 to 93	GWS-VPW25C 4/12/2001 78 to 83	GWS-VPW25D 4/12/2001 68 to 78
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0 R
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0 R	0 R	0 R	0.5 U	0 R
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0 R
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0 R
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0 R
104-51-8	n-Butylbenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0 R	0 R	0 R	0.5 U	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0 R
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0 R	1.7	0.9	1.4	1.4 J
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0 R
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.8	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0.5 U
67-64-1	Acetone	DW524-2	ug/L	12 UJ	3.2 UJ	7 UJ	6.9 UJ	11 UJ
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0 R	0 R	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
78-93-3	2-Butanone	DW524-2	ug/L	20 J	3.8 J	0 R	3.9 J	4.9 J
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	3.7 J	0 R	0 R	0 R	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW24V 4/16/2001 14 to 19	GWS-VPW25A 4/12/2001 98 to 103	GWS-VPW25B 4/12/2001 88 to 93	GWS-VPW25C 4/12/2001 78 to 83	GWS-VPW25D 4/12/2001 68 to 78
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	0 R	0 R	0 R	0 R
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date Unit \ Depth	Analytic Method	GWS-VPW25E 4/12/2001 58 to 63	GWS-VPW25F 4/12/2001 48 to 53	GWS-VPW25G 4/12/2001 38 to 43	GWS-VPW25H 4/12/2001 28 to 33	GWS-VPW25I 4/12/2001 18 to 23
(Group Code)	(Group Description)							
Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
75-01-4	Vinyl Chloride	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	ug/L	DW524-2	0.5 UU	0.5 UU	0.5 UU	0.5 UU	0.5 UU
75-09-2	Methylene Chloride	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
156-60-5	trans-1,2-Dichloroethene	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
156-59-4	cis-1,2-Dichloroethene	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
67-66-3	Chloroform	ug/L	DW524-2	0.9	0.5 U	0.5	0.6	0.5
71-55-6	1,1,1-Trichloroethane	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
108-88-3	Toluene	ug/L	DW524-2	18	11	11	17	12
10061-02-6	trans-1,3-Dichloropropene	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
127-18-4	Tetrachloroethene	ug/L	DW524-2	0.5 U	0.9	0.7	0.7	0.8
142-28-9	1,3-Dichloropropane	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
124-48-1	Dibromochloromethane	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
106-93-4	1,2-Dibromoethane	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
108-90-7	Chlorobenzene	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
630-20-6	1,1,1,2-Tetrachloroethane	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
100-41-4	Ethylbenzene	ug/L	DW524-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
100-42-5	Styrene	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R
75-25-2	Bromoform	ug/L	DW524-2	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW25E 4/12/2001 58 to 63	GWS-VPW25F 4/12/2001 48 to 53	GWS-VPW25G 4/12/2001 38 to 43	GWS-VPW25H 4/12/2001 28 to 33	GWS-VPW25I 4/12/2001 18 to 23
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0 R
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	1.4 J	0.8 J	0.7 J	0.9 J	0.8 J
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
67-64-1	Acetone	DW524-2	ug/L	12 UJ	8.3 UJ	8.8 UJ	11 UJ	9.4 UJ
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
78-93-3	2-Butanone	DW524-2	ug/L	4.1 J	2.1 J	0 R	2.8 J	0 R
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW25E 4/12/2001 58 to 63	GWS-VPW25F 4/12/2001 48 to 53	GWS-VPW25G 4/12/2001 38 to 43	GWS-VPW25H 4/12/2001 28 to 33	GWS-VPW25I 4/12/2001 18 to 23
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW25J 4/12/2001 8 to 13	GWS-VPW2A 5/12/2003 to	GWS-VPW2B 5/12/2003 to	GWS-VPWA20A 4/30/2001 173 to 177	GWS-VPWA20B 4/30/2001 161 to 165
(Group Code) Voa-w-emsI	(Group Description) Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0 R			0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 UJ			0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0 R			0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0 R			0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0 R			0.5 U	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0 R			0.5 U	0.5 U
108-88-3	Toluene	DW524-2	ug/L	19			2.4	8.5
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0 R			0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.9			0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0 R			0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0 R			0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0 R			0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0 R			0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0 R			0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0 R			0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0 R			0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0 R			0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPW25J 4/12/2001 8 to 13	GWS-VPW2A 5/12/2003 to	GWS-VPW2B 5/12/2003 to	GWS-VPWA20A 4/30/2001 173 to 177	GWS-VPWA20B 4/30/2001 161 to 165
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0 R			0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0 R			0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0 R			0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0 R			0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R			0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R			0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R			0.5 U	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0 R			0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0 R			0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.7 J			0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0 R			0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	7 U			0.5 U	0.5 U
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R			2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	0 R			2 U	6.2
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	0 R			2 U	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0 R			2 U	2 U
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R			0.5 U	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R			2 U	2 U
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U			2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R			2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPW25J 4/12/2001 8 to 13	GWS-VPW2A 5/12/2003 to	GWS-VPW2B 5/12/2003 to	GWS-VPWA20A 4/30/2001 173 to 177	GWS-VPWA20B 4/30/2001 161 to 165
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	0 R			2 U	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0 R			0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U			0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R			2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPWA20C 4/30/2001 151 to 155	GWS-VPWA20D 4/30/2001 141 to 145	GWS-VPWA20E 4/30/2001 131 to 135	GWS-VPWA20F 4/30/2001 121 to 125	GWS-VPWA20G 4/30/2001 111 to 115
(Group Code)	(Group Description)							
Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	DW524-2	ug/L	16	14	9.3	11	12
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPWA20C 4/30/2001 151 to 155	GWS-VPWA20D 4/30/2001 141 to 145	GWS-VPWA20E 4/30/2001 131 to 135	GWS-VPWA20F 4/30/2001 121 to 125	GWS-VPWA20G 4/30/2001 111 to 115
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	6.2	5.3	4.9	5.8	8
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPWA20C 4/30/2001 151 to 155	GWS-VPWA20D 4/30/2001 141 to 145	GWS-VPWA20E 4/30/2001 131 to 135	GWS-VPWA20F 4/30/2001 121 to 125	GWS-VPWA20G 4/30/2001 111 to 115
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

9/23/2003
Page 73 of 84

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	GWS-VPWA20H 4/30/2001 101 to 105	GWS-VPWA20I 4/30/2001 91 to 95	GWS-VPWA20J 4/30/2001 81 to 85	GWS-VPWA21A 5/14/2001 to	GWS-VPWA21B 5/14/2001 to
Voa-w-emsl	Volatiles Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	DW524-2	ug/L	8.8	5.4	10	1	13
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
330-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPWA20H 4/30/2001 101 to 105	GWS-VPWA20I 4/30/2001 91 to 95	GWS-VPWA20J 4/30/2001 81 to 85	GWS-VPWA21A 5/14/2001 to	GWS-VPWA21B 5/14/2001 to
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	7.4 UJ	7.7 UJ
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	4	2.5	7.4	2 U	2 U
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-12-0	Propionitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \ Depth	GWS-VPWA20H 4/30/2001 101 to 105	GWS-VPWA20I 4/30/2001 91 to 95	GWS-VPWA20J 4/30/2001 81 to 85	GWS-VPWA21A 5/14/2001 to	GWS-VPWA21B 5/14/2001 to
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Gas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPWA21C 5/14/2001 to	GWS-VPWA21D 5/14/2001 to	GWS-VPWA21E 5/15/2001 to	GWS-VPWA21F 5/15/2001 to	GWS-VPWA21G 5/15/2001 to
Voa-w-emsl	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	DW524-2	ug/L	14	15	6.4	11 J	15 J
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWS-VPWA21C 5/14/2001 to	GWS-VPWA21D 5/14/2001 to	GWS-VPWA21E 5/15/2001 to	GWS-VPWA21F 5/15/2001 to	GWS-VPWA21G 5/15/2001 to
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	7.2 U	8.2 U	30 U	7.8 U	15 U
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	2 U	2 U	6.3 U	2 U	2 U
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPWA21C 5/14/2001 to	GWS-VPWA21D 5/14/2001 to	GWS-VPWA21E 5/15/2001 to	GWS-VPWA21F 5/15/2001 to	GWS-VPWA21G 5/15/2001 to
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	2 U	2 U	2 UJ	2 UJ
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
98-95-3	Nitrobenzene	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPWA21H 5/15/2001 to	GWS-VPWA21I 5/15/2001 to	GWS-VPWA21J 5/15/2001 to	GWS-VPWA21K 5/15/2001 to	GWS-VPWA21L 5/15/2001 to
(Group Code)	(Group Description)							
Voa-w-emi	Volatile Organics - DW524.2							
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
74-87-3	Chloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
74-83-9	Bromomethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-00-3	Chloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
67-66-3	Chloroform	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
71-43-2	Benzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
108-88-3	Toluene	DW524-2	ug/L	5.2 J	5.9 J	5.6 J	6.4 J	19 J
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
100-42-5	Styrene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPWA21H 5/15/2001 to	GWS-VPWA21I 5/15/2001 to	GWS-VPWA21J 5/15/2001 to	GWS-VPWA21K 5/15/2001 to	GWS-VPWA21L 5/15/2001 to
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
99-87-6	Cymene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
91-20-3	Naphthalene	DW524-2	ug/L	0.5 UJ	0 R	0 R	0 R	0 R
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
67-64-1	Acetone	DW524-2	ug/L	4.5 UJ	5 UJ	34 UJ	5.4 UJ	12 UJ
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-13-1	Acrylonitrile	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-12-0	Propionitrile	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
79-46-9	2-Nitropropane	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	GWS-VPWA21H 5/15/2001 to	GWS-VPWA21I 5/15/2001 to	GWS-VPWA21J 5/15/2001 to	GWS-VPWA21K 5/15/2001 to	GWS-VPWA21L 5/15/2001 to
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
591-78-6	2-Hexanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
98-95-3	Nitrobenzene	DW524-2	ug/L	2 UJ	0 R	0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\ Depth	GWS-VPWA21M 5/16/2001 to	GWS-VPWA21N 5/16/2001 to	GWS-VPWA21O 5/16/2001 to
(Group Code)	(Group Description)						
Voa-w-emsf	Volatile Organics - DW524.2						
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
74-87-3	Chloromethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
75-01-4	Vinyl Chloride	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
74-83-9	Bromomethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
75-00-3	Chloroethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
75-69-4	Trichlorofluoromethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
75-35-4	1,1-Dichloroethene	DW524-2	ug/L		0 R	0 R	0 R
75-09-2	Methylene Chloride	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
75-34-3	1,1-Dichloroethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
590-20-7	2,2-Dichloropropane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
75-97-5	Bromochloromethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
67-66-3	Chloroform	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
56-23-5	Carbon Tetrachloride	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
563-58-6	1,1-Dichloropropene	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
71-43-2	Benzene	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
107-06-2	1,2-Dichloroethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
79-01-6	Trichloroethene	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
78-87-5	1,2-Dichloropropane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
74-95-3	Dibromomethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
75-27-4	Bromodichloromethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
108-88-3	Toluene	DW524-2	ug/L		39 J	45 J	61 J
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
127-18-4	Tetrachloroethene	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
142-28-9	1,3-Dichloropropane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
124-48-1	Dibromochloromethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
106-93-4	1,2-Dibromoethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
108-90-7	Chlorobenzene	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
100-41-4	Ethylbenzene	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
1330-20-7	Xylenes (total)	DW524-2	ug/L		0.5 UJ	0.5 UJ	1.5 J
100-42-5	Styrene	DW524-2	ug/L		0.5 UJ	0.5 UJ	0.5 UJ
75-25-2	Bromoform	DW524-2	ug/L		0 R	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPWA21M 5/16/2001 to	GWS-VPWA21N 5/16/2001 to	GWS-VPWA21O 5/16/2001 to
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.9 J
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	1.7 J
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	6.6 J
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 UJ	0.5 UJ	1 J
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
99-87-6	Cymene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.8 J
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	2 J
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
91-20-3	Naphthalene	DW524-2	ug/L	0.5 UJ	0.5 UJ	1.2 J
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
67-64-1	Acetone	DW524-2	ug/L	9.7 UJ	10 J	12 J
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
107-13-1	Acrylonitrile	DW524-2	ug/L	2 UJ	2 UJ	2 UJ
78-93-3	2-Butanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
107-12-0	Propionitrile	DW524-2	ug/L	2 UJ	2 UJ	2 UJ
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 UJ	2 UJ	2 UJ
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
79-46-9	2-Nitropropane	DW524-2	ug/L	2 UJ	2 UJ	2 UJ
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Vertical Profile Wells - Full Tables
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWS-VPWA21M 5/16/2001 to	GWS-VPWA21N 5/16/2001 to	GWS-VPWA21O 5/16/2001 to
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
591-78-6	2-Hexanone	DW524-2	ug/L	2 UJ	2 UJ	2 UJ
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 UJ
98-95-3	Nitrobenzene	DW524-2	ug/L	2 UJ	0 R	0 R

Groundwater Monitoring Wells

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	GWM-11 BOLC7 3/11/2002	GWM-11-R2 BOX48 6/2/2003	GWM-1S BOLC5 3/11/2002	GWM-1S-R2 BOX49 6/2/2003	GWM-2 BOLC9 3/12/2002	GWM-2-R2 BOX56 6/10/2003
(Group Code)	(Group Description)		Unit \ Depth						
1-OLC03-V	Low Con Voas - OLC03-2-V								
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 UU	0.5 U	0.5 UU	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 UU	0.5 UU	0.5 UU	0.5 UU	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0 R	0.5 U	0 R	0.5 U	0 R	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.76 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.23 J
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	1.1	0.5 U	1.3	1.2
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5.1 U	5 U	5 U	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5	0.5 U	0.5 U	5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.47 J	0.5 U	1	0.57
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 UU	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 UU	0.5 U	0.5 UU	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.31 J	0.5 U	0.52	0.41 J
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 UU	0.5 U	0.5 UU	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.22 J	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	0.82	0.5 U	4.4	5.6
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \ Depth	GWM-11 B0LC7 3/11/2002	GWM-11-R2 B0X48 6/2/2003	GWM-1S B0LC5 3/11/2002	GWM-1S-R2 B0X49 6/2/2003	GWM-2 B0LC9 3/12/2002	GWM-2-R2 B0X56 6/10/2003
108-90-7	Chlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V		ug/L	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Volatile Organic Compounds

Gas Rn	Chemical Name	Sample Code Sample Name Sample Date Unit \ Depth	Analytic Method	GWM-3I BOLD3 3/11/2002	GWM-3I-R2 B0X50 6/3/2003	GWM-3S BOLD1 3/11/2002	GWM-3S-R2 B0X51 6/3/2003	GWM-4D BOLD9 3/13/2002	GWM-4D-R2 B0X58 6/4/2003
(Group Code)	(Group Description)								
1-OLC03-V	Low Con Voas - OLC03-2-V								
75-71-8	Dichlorodifluoromethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	ug/L	OLC03-2-V	0.5 U	0.33 J	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	ug/L	OLC03-2-V	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	ug/L	OLC03-2-V	0 R	0.5 U	0 R	0.5 U	0 R	0.5 U
75-09-2	Methylene Chloride	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.31 J
156-60-5	trans-1,2-Dichloroethene	ug/L	OLC03-2-V	0.5 U	0.22 J	0.48 J	1.4	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	ug/L	OLC03-2-V	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.56	0.5 U
156-59-2	cis-1,2-Dichloroethene	ug/L	OLC03-2-V	1.7	7.6	50 D	120 D	1.4	0.5 U
78-93-3	2-Butanone	ug/L	OLC03-2-V	5 U	5.3 U	5 U	5 U	5 U	5 U
75-97-5	Bromochloromethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	ug/L	OLC03-2-V	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	ug/L	OLC03-2-V	0.42 J	0.5 U	0.5 U	0.5 U	0.58	0.5 U
110-82-7	Cyclohexane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	ug/L	OLC03-2-V	0.4 J	0.35 J	3.9	6.1	0.94	0.5 U
108-87-2	Methylcyclohexane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	ug/L	OLC03-2-V	0.5 U	5 U	5 U	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	ug/L	OLC03-2-V	0.82	0.66 J	12	10	38 D	1.4
591-78-6	2-Hexanone	ug/L	OLC03-2-V	5 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\ Depth	GWM-3I BOLD3 3/11/2002	GWM-3I-R2 BOX50 6/3/2003	GWM-3S BOLD1 3/11/2002	GWM-3S-R2 BOX51 6/3/2003	GWM-4D BOLD9 3/13/2002	GWM-4D-R2 BOX58 6/4/2003
108-90-7	Chlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\ Depth	GWM-41 BOLD7 3/13/2002	GWM-41-R2 BOX57 6/4/2003	GWM-4S BOLD5 3/12/2002	GWM-4S-R2 BOX55 6/4/2003	GWM-5D B0LE7 3/15/2002	GWM-5D-R2 BOX68 6/11/2003
(Group Code)	(Group Description)									
1-OLC03-V	Low Con Voas - OLC03-2-V									
75-71-8	Dichlorodifluoromethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	ug/L	OLC03-2-V		5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	ug/L	OLC03-2-V		0 R	0 R	0 R	0 R	0 R	0 R
75-09-2	Methylene Chloride	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	ug/L	OLC03-2-V		2.9	0.5 U	0.5 U	0.5 U	0.37 J	0.25 J
78-93-3	2-Butanone	ug/L	OLC03-2-V		5 U	5 U	5 U	5 U	5 U	5 U
75-97-5	Bromochloromethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	ug/L	OLC03-2-V		0.15 J	0.5 U	0.5 U	0.5 U	0.35 J	0.32 J
110-82-7	Cyclohexane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	ug/L	OLC03-2-V		0.68	0.5 U	0.5 U	0.5 U	0.9	0.67
108-87-2	Methylcyclohexane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	ug/L	OLC03-2-V		5 U	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	ug/L	OLC03-2-V		16	1	2.3	0.5 U	1	0.72
591-78-6	2-Hexanone	ug/L	OLC03-2-V		5 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	ug/L	OLC03-2-V		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\ Depth	GWM-4I BOLD7 3/13/2002	GWM-4I-R2 BOX57 6/4/2003	GWM-4S BOLD5 3/12/2002	GWM-4S-R2 BOX55 6/4/2003	GWM-5D BOLD7 3/15/2002	GWM-5D-R2 BOX68 6/11/2003
108-90-7	Chlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoforn	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Volatile Organic Compounds

Gas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWM-5I BOLE5 3/13/2002	GWM-5I-R2 BOX52 6/3/2003	GWM-5S BOLE1 3/12/2002	GWM-5S-DUP 3/12/2002	GWM-5S-R2 BOX53 6/3/2003	GWM-5S-R2-DUP BOX54 6/3/2003
1-OLC03-V	Low Con Voas - OLC03-2-V								
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.29 J	0.36 J
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0 R	0.5 U	0 R	0 R	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.78	1.4	0.5 U	0.5 U	0.5 U	0.28 J
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.2 J	0.27 J	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.44 J	0.62	0.5 U	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.49 J	0.5 U	0.5 U	0.62	0.62 J
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.37 J	0.57	0.4 J	0.46 J	0.5 U	0.47 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.89	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	2	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.2 J	0.5 U	0.5 U	0.5 U	0.17 J
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	1.6	1.7	3.6	4.3	0.5 U	1.7
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWM-51 BOLE5 3/13/2002	GWM-51-R2 BOX52 6/3/2003	GWM-5S BOLE1 3/12/2002	GWM-5S-DUP 3/12/2002	GWM-5S-R2 BOX53 6/3/2003	GWM-5S-R2-DUP BOX54 6/3/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Volatile Organic Compounds

Gas Rn	Chemical Name	Sample Code Sample Name Sample Date Unit \ Depth	Analytic Method	GWM-6I BOL82 3/14/2002	GWM-6I-R2 BOX60 6/4/2003	GWM-6S BOLE9 3/15/2002	GWM-6S-R2 BOX67 6/9/2003	GWM-7-R2 BOX66 6/10/2003	GWM-A BOL84 3/14/2002
(Group Code)	(Group Description)								
1-OLC03-V	Low Con Voas - OLC03-2-V								
75-71-8	Dichlorodifluoromethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	ug/L	OLC03-2-V	0.5 U	0.5 U	31 D	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	ug/L	OLC03-2-V	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	ug/L	OLC03-2-V	0 R	0.5 U	0 R	0.5 U	0.5 U	0 R
75-09-2	Methylene Chloride	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	1.1	0.95 U	0.5 U
75-34-3	1,1-Dichloroethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.32 J	0.5 U
78-93-3	2-Butanone	ug/L	OLC03-2-V	5 U	5 U	5 U	8.5 U	5 U	5 U
75-97-5	Bromochloromethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	ug/L	OLC03-2-V	0.5 U	0.5 U	0.63	0.81 U	5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	ug/L	OLC03-2-V	0.31 J	0.23 J	150 D	92 D	0.5 U	0.5 U
110-82-7	Cyclohexane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	ug/L	OLC03-2-V	0.5 U	0.5 U	2.2	2 J	0.25 J	0.5 U
108-87-2	Methylcyclohexane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	ug/L	OLC03-2-V	5 U	5 U	5 U	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	ug/L	OLC03-2-V	0.5 U	0.5 U	5.3	5.7 J	4.6	0.5 U
124-48-1	Dibromochloromethane	ug/L	OLC03-2-V	5 U	5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWM-6I B0L82 3/14/2002	GWM-6I-R2 B0X60 6/4/2003	GWM-6S B0LE9 3/15/2002	GWM-6S-R2 B0X67 6/9/2003	GWM-7-R2 B0X66 6/10/2003	GWM-A B0L84 3/14/2002
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

Groundwater Monitoring Wells

Volatile Organic Compounds

9/23/2003

Page 12 of 16

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWM-A-R1 BOX69 6/9/2003	GWM-C BOL95 3/14/2002	GWM-C-R2 BOX59 6/5/2003	GWM-D BOL97 3/15/2002	GWM-D-R2 BOX65 6/5/2003	GWM-E BOL99 3/14/2002
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \ \ Depth	GWM-E-R1	GWM-E-R2	GWM-F	GWM-F-R1	GWM-F-R2	GWM-G	GWM-G-R1
					6/11/2001	B0X63 6/5/2003	B0LA1 3/14/2002	6/11/2001	B0X64 6/10/2003	B0LA3 3/14/2002	6/11/2001
(Group Code)	(Group Description)										
1-OLC03-V	Low Con Voas - OLC03-2-V										
75-71-8	Dichlorodifluoromethane	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	ug/L	OLC03-2-V	1.1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	OLC03-2-V			1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	ug/L	OLC03-2-V	7.1		5 U	5 U	9.1	11	5 U	26
75-15-0	Carbon Disulfide	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	ug/L	OLC03-2-V			0.5 U	0 R		0.5 U	0 R	
75-09-2	Methylene Chloride	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	ug/L	OLC03-2-V	3.1		3.7	2.6	1.9	2.1	0.5 U	1.9
156-59-2	cis-1,2-Dichloroethene	ug/L	OLC03-2-V			0.43 J	1.2		1.3	0.5 U	
78-93-3	2-Butanone	ug/L	OLC03-2-V	2 U		5 U	5 U	2 U	5 U	5 U	2 U
75-97-5	Bromochloromethane	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	ug/L	OLC03-2-V	0.5 U		0.5 U	0.4 J	0.5 U	5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	ug/L	OLC03-2-V	7.2		8.4	1.7	1.5	1.4	0.46 J	1.5
110-82-7	Cyclohexane	ug/L	OLC03-2-V			0.5 U	0.5 U		0.5 U	0.5 U	
56-23-5	Carbon Tetrachloride	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	ug/L	OLC03-2-V	1.4		3.8	5.8	2.4	6.7	0.21 J	2.4
108-87-2	Methylcyclohexane	ug/L	OLC03-2-V			0.5 U	0.5 U		0.5 U	0.5 U	
78-87-5	1,2-Dichloropropane	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	ug/L	OLC03-2-V	2 U		5 U	5 U	2 U	5 U	5 U	2 U
108-88-3	Toluene	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.45 J	0.5 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	ug/L	OLC03-2-V	0.5 U		0.17 J	0.16 J	0.5 U	0.16 J	0.5 U	0.5 U
591-78-6	2-Hexanone	ug/L	OLC03-2-V	2 U		5 U	5 U	2 U	5 U	5 U	2 U
124-48-1	Dibromochloromethane	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	ug/L	OLC03-2-V	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWM-G-R2 BOX61 6/5/2003	GWM-G-R2-DUP BOX62 6/5/2003
(Group Code) 1-OLC03-V	(Group Description) Low Con Voas - OLC03-2-V				
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWM-G-R2 BOX61 6/5/2003	GWM-G-R2-DUP BOX62 6/5/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWM-11 BOLC7 3/11/2002	GWM-11-R2 BOX48 6/2/2003	GWM-1S BOLC5 3/11/2002	GWM-1S-R2 BOX49 6/2/2003	GWM-2 BOLC9 3/12/2002	GWM-2-R2 BOX56 6/10/2003
2-SV-1-W									
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWM-1I B0LC7 3/11/2002	GWM-1I-R2 B0X48 6/2/2003	GWM-1S B0LC5 3/11/2002	GWM-1S-R2 B0X49 6/2/2003	GWM-2 B0LC9 3/12/2002	GWM-2-R2 B0X56 6/10/2003
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	15	1 J	4 J	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

9/23/2003
Page 3 of 16

Gas Rn	Group Code	Chemical Name	Sample Code	Analytic Method	Sample Name	Sample Date	Unit \ Depth	GWM-3I BOLD3 3/11/2002	GWM-3I-R2 BOX50 6/3/2003	GWM-3S BOLD1 3/11/2002	GWM-3S-R2 BOX51 6/3/2003	GWM-4D BOLD9 3/13/2002	GWM-4D-R2 BOX58 6/4/2003
		(Group Description)											
		Semi-Volatile Organics -page 1 - OLM04.2											
	2-SV-1-W												
100-52-7		Benzaldehyde	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
08-95-2		Phenol	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
11-44-4		bis(2-Chloroethyl)ether	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
35-57-8		2-Chlorophenol	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
35-48-7		2-Methylphenol	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
08-60-1		2,2'-oxybis(1-Chloropropane)	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
38-86-2		Acetophenone	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
06-44-5		4-Methylphenol	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
221-64-7		N-Nitroso-di-n-propylamine	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
37-72-1		Hexachloroethane	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
38-95-3		Nitrobenzene	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
38-59-1		Isophorone	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
38-75-5		2-Nitrophenol	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
05-67-9		2,4-Dimethylphenol	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
11-91-1		bis(2-Chloroethoxy)methane	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
20-83-2		2,4-Dichlorophenol	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
91-20-3		Naphthalene	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
06-47-8		4-Chloroaniline	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
37-68-3		Hexachlorobutadiene	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
05-60-2		Caprolactam	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
39-50-7		4-Chloro-3-methylphenol	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
31-57-6		2-Methylnaphthalene	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
77-47-4		Hexachlorocyclopentadiene	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
38-06-2		2,4,6-Trichlorophenol	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
35-95-4		2,4,5-Trichlorophenol	ug/l	OLM04-2-SV				25 U	25 U	25 U	25 U	25 U	25 U
32-52-4		1,1'-Biphenyl	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
31-58-7		2-Chloronaphthalene	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
38-74-4		2-Nitroaniline	ug/l	OLM04-2-SV				25 U	25 U	25 U	25 U	25 U	25 U
31-11-3		Dimethylphthalate	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
06-20-2		2,6-Dinitrotoluene	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
08-96-8		Acenaphthylene	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U
39-09-2		3-Nitroaniline	ug/l	OLM04-2-SV				25 U	25 U	25 U	25 U	25 U	25 U
33-32-9		Acenaphthene	ug/l	OLM04-2-SV				10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWM-3I BOLD3 3/11/2002	GWM-3I-R2 BOX50 6/3/2003	GWM-3S BOLD1 3/11/2002	GWM-3S-R2 BOX51 6/3/2003	GWM-4D BOLD9 3/13/2002	GWM-4D-R2 BOX58 6/4/2003
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25 U	25 UJ	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25 U	25 UJ	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 UJ	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 UJ	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25 U	25 UJ	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10 U	10 UJ	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10 U	10 UJ	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10 U	10 UJ	10 U	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10 U	10 UJ	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \\ Depth	GWM-41 BOLD7 3/13/2002	GWM-41-R2 BOX57 6/4/2003	GWM-4S BOLD5 3/12/2002	GWM-4S-R2 BOX55 6/4/2003	GWM-5D BOLD7 3/15/2002	GWM-5D-R2 BOX68 6/11/2003
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2									
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U	25 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWM-4I BOLD7 3/13/2002	GWM-4I-R2 BOX57 6/4/2003	GWM-4S BOLD5 3/12/2002	GWM-4S-R2 BOX55 6/4/2003	GWM-5D BOLD7 3/15/2002	GWM-5D-R2 BOX68 6/11/2003
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10 U	10 U	6 J	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWM-5I BOLE5 3/13/2002	GWM-5I-R2 BOX52 6/3/2003	GWM-5S BOLE1 3/12/2002	GWM-5S-DUP 3/12/2002	GWM-5S-R2 BOX53 6/3/2003
(Group Code) 2-SV-1-W	(Group Description) Semi-Volatile Organics -page 1 - OLM04.2							
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWM-5I BOLE5 3/13/2002	GWM-5I-R2 BOX52 6/3/2003	GWM-5S BOLE1 3/12/2002	GWM-5S-DUP 3/12/2002	GWM-5S-R2 BOX53 6/3/2003
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2							
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25 U	25 UJ	25 U	25 U	25 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25 U	25 UJ	25 U	25 U	25 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 UJ	10 U	10 U	10 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25 U	25 UJ	25 U	25 U	25 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10 U	10 UJ	10 U	10 U	10 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10 U	10 UJ	10 U	10 U	10 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10 U	10 UJ	10 U	10 U	10 UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10 U	10 UJ	10 U	10 U	10 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWM-5S-R2-DUP BOX54 6/3/2003	GWM-6I BOL82 3/14/2002	GWM-6I-R2 BOX60 6/4/2003	GWM-6S BOL89 3/15/2002	GWM-6S-R2 BOX67 6/9/2003
(Group Code)	(Group Description)							
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2							
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \ Depth	GWM-5S-R2-DUP BOX54 6/3/2003	GWM-6I BOL82 3/14/2002	GWM-6I-R2 BOX60 6/4/2003	GWM-6S BOLE9 3/15/2002	GWM-6S-R2 BOX67 6/9/2003
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25 UJ	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25 UJ	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10 UJ	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25 UJ	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10 UJ	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	1 J	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10 UJ	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10 UJ	10 U	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10 UJ	10 U	10 U	2 J	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code	Analytic Method	Unit	Depth	GWM-7-R2 BOX66 6/10/2003	GWM-A BOL84 3/14/2002	GWM-A-R2 BOX69 6/9/2003	GWM-C BOL95 3/14/2002	GWM-C-R2 BOX59 6/5/2003
(Group Code)	(Group Description)	Sample Name								
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2									
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l			25 U	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l			25 U	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l			25 U	25 U	25 U	25 U	25 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l			10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Unit	Sample Name Sample Date	GWM-7-R2 BOX66 6/10/2003	GWM-A BOL84 3/14/2002	GWM-A-R2 BOX69 6/9/2003	GWM-C BOL95 3/14/2002	GWM-C-R2 BOX59 6/5/2003
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	0.9 J	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	4 J
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date Unit \ Depth	Analytic Method	GWM-D BOL97 3/15/2002	GWM-D-R2 B0X65 6/5/2003	GWM-E BOL99 3/14/2002	GWM-E-R2 B0X63 6/5/2003	GWM-F BOLA1 3/14/2002
Group Code)	(Group Description)							
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2							
100-52-7	Benzaldehyde	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	1 J
108-95-2	Phenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
321-64-7	N-Nitroso-di-n-propylamine	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
57-72-1	Hexachloroethane	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
37-68-3	Hexachlorobutadiene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/l	OLM04-2-SV	25 U	25 U	25 U	25 U	25 U
22-52-4	1,1'-Biphenyl	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/l	OLM04-2-SV	25 U	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
506-20-2	2,6-Dinitrotoluene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	ug/l	OLM04-2-SV	25 U	25 U	25 U	25 U	25 U
33-32-9	Acenaphthene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWM-D B0L97 3/15/2002	GWM-D-R2 B0X65 6/5/2003	GWM-E B0L99 3/14/2002	GWM-E-R2 B0X63 6/5/2003	GWM-F B0LA1 3/14/2002
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2							
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	2 J	10 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWM-F-R2 BOX64 6/10/2003	GWM-G BOLA3 3/14/2002	GWM-G-R2 BOX61 6/5/2003	GWM-G-R2-DUP BOX62 6/5/2003
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2						
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
108-95-2	Phenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
78-59-1	Isophorone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\ Depth	GWM-F-R2 BOX64 6/10/2003	GWM-G B0LA3 3/14/2002	GWM-G-R2 BOX61 6/5/2003	GWM-G-R2-DUP BOX62 6/5/2003
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2						
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	3 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Pesticides/PCBs

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \ Depth	GWM-11 B0LC7 3/11/2002	GWM-11-R2 B0X48 6/2/2003	GWM-1S B0LC5 3/11/2002	GWM-1S-R2 B0X49 6/2/2003	GWM-2 B0LC9 3/12/2002	GWM-2-R2 B0X56 6/10/2003
(Group Code) 4-P/PCBs-w	(Group Description) Pesticide/PCB Organics - OLM04.2									
319-84-6	alpha-BHC	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
33213-65-9	Endosulfan II	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-54-8	4,4'-DDD	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
53494-70-5	Endrin ketone	ug/l	OLM04-2-PP		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7421-93-4	Endrin aldehyde	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-74-2	gamma-Chlordane	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
12674-11-2	Aroclor-1016	ug/l	OLM04-2-PP		5 U	5 U	5 U	5 U	5 U	5 U
11104-28-2	Aroclor-1221	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U
11141-16-5	Aroclor-1232	ug/l	OLM04-2-PP		2 U	2 U	2 U	2 U	2 U	2 U
53469-21-9	Aroclor-1242	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Pesticides/PCBs

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date Unit \ \ Depth	Analytic Method	GWM-3I BOLD3 3/11/2002	GWM-3I-R2 BOX50 6/3/2003	GWM-3S BOLD1 3/11/2002	GWM-3S-R2 BOX51 6/3/2003	GWM-4D BOLD9 3/13/2002	GWM-4D-R2 BOX58 6/4/2003
(Group Code) 4-P/PCBs-w	(Group Description) Pesticide/PCB Organics - OLM04.2								
319-84-6	alpha-BHC	ug/l	OLM04-2-PP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	ug/l	OLM04-2-PP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	ug/l	OLM04-2-PP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	ug/l	OLM04-2-PP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	ug/l	OLM04-2-PP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	ug/l	OLM04-2-PP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	ug/l	OLM04-2-PP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	ug/l	OLM04-2-PP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	ug/l	OLM04-2-PP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	ug/l	OLM04-2-PP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	ug/l	OLM04-2-PP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
33213-65-9	Endosulfan II	ug/l	OLM04-2-PP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-54-8	4,4'-DDD	ug/l	OLM04-2-PP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	ug/l	OLM04-2-PP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	ug/l	OLM04-2-PP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor	ug/l	OLM04-2-PP	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
53494-70-5	Endrin ketone	ug/l	OLM04-2-PP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	ug/l	OLM04-2-PP	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	ug/l	OLM04-2-PP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	ug/l	OLM04-2-PP	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	ug/l	OLM04-2-PP	5 U	5 U	5 U	5 U	5 U	5 U
12674-11-2	Aroclor-1016	ug/l	OLM04-2-PP	1 U	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221	ug/l	OLM04-2-PP	2 U	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232	ug/l	OLM04-2-PP	1 U	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242	ug/l	OLM04-2-PP	1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	ug/l	OLM04-2-PP	1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	ug/l	OLM04-2-PP	1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260	ug/l	OLM04-2-PP	1 U	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Pesticides/PCBs

Gas Rn	Chemical Name (Group Code) (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWM-41 BOLD7 3/13/2002	GWM-41-R2 BOX57 6/4/2003	GWM-4S BOLD5 3/12/2002	GWM-4S-R2 BOX55 6/4/2003	GWM-5D BOLD7 3/15/2002	GWM-5D-R2 BOX58 6/11/2003
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2								
319-84-6	alpha-BHC	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	5 U	5 U	5 U	5 U	5 U	5 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2 U	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Pesticides/PCBs

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \ \ Depth	GWM-5I BOLE5 3/13/2002	GWM-5I-R2 BOX52 6/3/2003	GWM-5S BOLE1 3/12/2002	GWM-5S-DUP 3/12/2002	GWM-5S-R2 BOX53 6/3/2003	GWM-5S-R2-DUP BOX54 6/3/2003
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2								
319-84-6	alpha-BHC	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	5 U	5 U	5 U	5 U	5 U	5 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2 U	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Pesticides/PCBs

9/23/2003
Page 5 of 8

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\ Depth	GWM-6I BOL82 3/14/2002	GWM-6I-R2 B0X60 6/4/2003	GWM-6S BOL89 3/15/2002	GWM-6S-R2 B0X67 6/9/2003	GWM-7-R2 B0X66 6/10/2003	GWM-A BOL84 3/14/2002	GWM-A-R1 6/11/2001
(Group Code)	(Group Description)										
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2										
319-84-6	alpha-BHC	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-85-7	beta-BHC	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-86-8	delta-BHC	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
58-89-9	gamma-BHC (Lindane)	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
76-44-8	Heptachlor	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
309-00-2	Aldrin	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
1024-57-3	Heptachlor epoxide	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
959-98-8	Endosulfan I	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
60-57-1	Dieldrin	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
72-55-9	4,4'-DDE	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-20-8	Endrin	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
33213-65-9	Endosulfan II	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-54-8	4,4'-DDD	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
1031-07-8	Endosulfan sulfate	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
50-29-3	4,4'-DDT	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-43-5	Methoxychlor	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
53494-70-5	Endrin ketone	ug/l	OLM04-2-PP		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
7421-93-4	Endrin aldehyde	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
5103-71-9	alpha-Chlordane	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
5103-74-2	gamma-Chlordane	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
8001-35-2	Toxaphene	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
12674-11-2	Aroclor-1016	ug/l	OLM04-2-PP		5 U	5 U	5 U	5 U	5 U	5 U	
11104-28-2	Aroclor-1221	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U	
11141-16-5	Aroclor-1232	ug/l	OLM04-2-PP		2 U	2 U	2 U	2 U	2 U	2 U	
53469-21-9	Aroclor-1242	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U	
12672-29-6	Aroclor-1248	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U	
11097-69-1	Aroclor-1254	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U	
11096-82-5	Aroclor-1260	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U	

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Pesticides/PCBs

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \ Depth	GWM-A-R2 BOX69 6/9/2003	GWM-C BOL95 3/14/2002	GWM-C-R2 BOX59 6/5/2003	GWM-D BOL97 3/15/2002	GWM-D-R2 BOX65 6/5/2003	GWM-E BOL99 3/14/2002	GWM-E-R1 6/11/2001
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2										
319-84-6	alpha-BHC	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-85-7	beta-BHC	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-86-8	delta-BHC	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
76-44-8	Heptachlor	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
309-00-2	Aldrin	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
959-98-8	Endosulfan I	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
60-57-1	Dieldrin	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-20-8	Endrin	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-54-8	4,4'-DDO*	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-43-5	Methoxychlor	OLM04-2-PP	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
8001-35-2	Toxaphene	OLM04-2-PP	ug/l		5 U	5 U	5 U	5 U	5 U	5 U	
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	1 U	
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l		2 U	2 U	2 U	2 U	2 U	2 U	
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	1 U	
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	1 U	
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	1 U	
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	1 U	
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	1 U	

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Pesticides/PCBs

9/23/2003
Page 7 of 8

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\ Depth	GWM-E-R2 B0X63 6/5/2003	GWM-F B0LA1 3/14/2002	GWM-F-R1 6/11/2001	GWM-F-R2 B0X64 6/10/2003	GWM-G B0LA3 3/14/2002	GWM-G-R1 6/11/2001	GWM-G-R2 B0X61 6/5/2003
(Group Code) 4-P/PCBs-w	(Group Description) Pesticide/PCB Organics - OLM04.2										
319-84-6	alpha-BHC	ug/l	OLM04-2-PP		0.05 U	0.05 U		0.05 U	0.05 U		0.05 U
319-85-7	beta-BHC	ug/l	OLM04-2-PP		0.05 U	0.05 U		0.05 U	0.05 U		0.05 U
319-86-8	delta-BHC	ug/l	OLM04-2-PP		0.05 U	0.05 U		0.05 U	0.05 U		0.05 U
58-89-9	gamma-BHC (Lindane)	ug/l	OLM04-2-PP		0.05 U	0.05 U		0.05 U	0.05 U		0.05 U
76-44-8	Heptachlor	ug/l	OLM04-2-PP		0.05 U	0.05 U		0.05 U	0.05 U		0.05 U
309-00-2	Aldrin	ug/l	OLM04-2-PP		0.05 U	0.05 U		0.05 U	0.05 U		0.05 U
1024-57-3	Heptachlor epoxide	ug/l	OLM04-2-PP		0.05 U	0.05 U		0.05 U	0.05 U		0.05 U
959-98-8	Endosulfan I	ug/l	OLM04-2-PP		0.05 U	0.05 U		0.05 U	0.05 U		0.05 U
60-57-1	Dieldrin	ug/l	OLM04-2-PP		0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
72-55-9	4,4'-DDE	ug/l	OLM04-2-PP		0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
72-20-8	Endrin	ug/l	OLM04-2-PP		0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
33213-65-9	Endosulfan II	ug/l	OLM04-2-PP		0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
72-54-8	4,4'-DDD	ug/l	OLM04-2-PP		0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
1031-07-8	Endosulfan sulfate	ug/l	OLM04-2-PP		0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
50-29-3	4,4'-DDT	ug/l	OLM04-2-PP		0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
72-43-5	Methoxychlor	ug/l	OLM04-2-PP		0.5 UJ	0.5 U		0.5 U	0.5 U		0.5 UJ
53494-70-5	Endrin ketone	ug/l	OLM04-2-PP		0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
7421-93-4	Endrin aldehyde	ug/l	OLM04-2-PP		0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
5103-71-9	alpha-Chlordane	ug/l	OLM04-2-PP		0.05 U	0.05 U		0.05 U	0.05 U		0.05 U
5103-74-2	gamma-Chlordane	ug/l	OLM04-2-PP		0.05 U	0.05 U		0.05 U	0.05 U		0.05 U
8001-35-2	Toxaphene	ug/l	OLM04-2-PP		5 U	5 U		5 U	5 U		5 U
12674-11-2	Aroclor-1016	ug/l	OLM04-2-PP		1 U	1 U		1 U	1 U		1 U
11104-28-2	Aroclor-1221	ug/l	OLM04-2-PP		2 U	2 U		2 U	2 U		2 U
11141-16-5	Aroclor-1232	ug/l	OLM04-2-PP		1 U	1 U		1 U	1 U		1 U
53469-21-9	Aroclor-1242	ug/l	OLM04-2-PP		1 U	1 U		1 U	1 U		1 U
12672-29-6	Aroclor-1248	ug/l	OLM04-2-PP		1 U	1 U		1 U	1 U		1 U
11097-69-1	Aroclor-1254	ug/l	OLM04-2-PP		1 U	1 U		1 U	1 U		1 U
11096-82-5	Aroclor-1260	ug/l	OLM04-2-PP		1 U	1 U		1 U	1 U		1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Pesticides/PCBs

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \ Depth	GWM-G-R2-DUP BOX62 6/5/2003
(Group Code)	(Group Description)			
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2			
319-84-6	alpha-BHC	OLM04-2-PP	ug/l	0.05 U
319-85-7	beta-BHC	OLM04-2-PP	ug/l	0.05 U
319-86-8	delta-BHC	OLM04-2-PP	ug/l	0.05 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l	0.05 U
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.05 U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.05 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.05 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.05 U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.1 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.1 U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.1 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.1 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.1 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.1 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.1 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.5 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.1 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.1 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	5 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Inorganic Compounds

9/23/2003
Page 1 of 7

Cas Rn	Chemical Name	Sample Code	Analytic Method	Unit \ \	GWM-1I MB0KB7 3/11/2002	GWM-1I-R2 6/2/2003	GWM-1S MB0KB6 3/11/2002	GWM-1S-R2 6/2/2003	GWM-2 MB0KB8 3/12/2002	GWM-2-R2 6/10/2003	GWM-3I MB0K95 3/11/2002
(Group Code)	(Group Description)										
5-Inorg-W	Inorganic Analytes - ILM04.1										
7429-90-5	Aluminum	ILM04-1-M	ug/l		666	456	498	729	289	430	
7440-36-0	Antimony	ILM04-1-M	ug/l		60 U	3.1 U	60 U	3.1 U	60 U	3.1 U	
7440-38-2	Arsenic	ILM04-1-M	ug/l		15 U	2.6 U	15 U	2.6 U	15 U	2.6 U	
7440-39-3	Barium	ILM04-1-M	ug/l		6 J	31.8 B	27.4 J	35.6 B	28.7 J	35.4 B	
7440-41-7	Beryllium	ILM04-1-M	ug/l		5 U	0.2 U	5 U	0.2 U	5 U	0.2 U	
7440-43-9	Cadmium	ILM04-1-M	ug/l		0.14 J	0.4 U	5 U	0.4 U	5 U	0.4 U	
7440-70-2	Calcium	ILM04-1-M	ug/l		5500	19100	17500	20200	19600	17500	
7440-47-3	Chromium	ILM04-1-M	ug/l		21.4 R	20.9	27.6 R	14	20.3	24.4	
7440-48-4	Cobalt	ILM04-1-M	ug/l		0.84 J	10.7 B	0.83 J	4.4 B	0.84 J	5.3 B	
7440-50-8	Copper	ILM04-1-M	ug/l		4.8 J	3.3 B	11.6 J	11.1 B	25 U	7 B	
7439-89-6	Iron	ILM04-1-M	ug/l		1060	734	1300	1130	532	691	
7439-92-1	Lead	ILM04-1-M	ug/l		10 UJ	1.9 U	10 UJ	1.9 U	7.5 J	1.9 U	
7439-95-4	Magnesium	ILM04-1-M	ug/l		2660 J	8400	7570	7130	7370	7730	
7439-96-5	Manganese	ILM04-1-M	ug/l		140	20.9	14.2 J	203	36	52	
7439-97-6	Mercury	ILM04-1-M	ug/l		0.1 U	0.1 U	0.2 U	0.1 U	0.17 J	0.1 U	
7440-02-0	Nickel	ILM04-1-M	ug/l		7 B	14.8 B	36.3 J	12.4 B	19.7 J	16 B	
7440-09-7	Potassium	ILM04-1-M	ug/l		1200 BE	1690 BE	1640 J	1910 BE	1610 J	1840 BE	
7782-49-2	Selenium	ILM04-1-M	ug/l		2.5 U	2.5 U	35 U	2.5 U	35 U	2.5 U	
7440-22-4	Silver	ILM04-1-M	ug/l		1.1 U	1.1 U	10 U	2.4 B	0.86 J	1.1 U	
7440-23-5	Sodium	ILM04-1-M	ug/l		4440 B	17400	15800	17300	17900	23100	
7440-28-0	Thallium	ILM04-1-M	ug/l		4.3 U	4.3 U	25 U	4.3 U	25 U	4.3 U	
7440-62-2	Vanadium	ILM04-1-M	ug/l		1.5 U	1.5 U	0.91 J	1.5 U	50 U	1.5 U	
7440-66-6	Zinc	ILM04-1-M	ug/l		7.6 B	4.5 B	35.2 J	21.7	11.8 J	5.1 B	
57-12-5	Cyanide	ILM04-1-CN	ug/l		2.3 B	1.5 B	10 U	1.7 B	10 U	1 B	

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Inorganic Compounds

Gas Rn	Chemical Name	(Group Code)	(Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \	GWM-3I-R2 6/3/2003	GWM-3S MB0K94 3/11/2002	GWM-3S-R2 6/3/2003	GWM-4D MB0K98 3/13/2002	GWM-4D-R2 6/4/2003	GWM-4I MB0K97 3/13/2002
5-Inorg-W	Inorganic Analytes - ILM04.1											
7429-90-5	Aluminum	ILM04-1-M	ug/l				604	138 B	51.3 J	781	2340 J	867
7440-36-0	Antimony	ILM04-1-M	ug/l				60 U	3.1 U	60 U	3.1 U	60 U	3.1 U
7440-38-2	Arsenic	ILM04-1-M	ug/l				15 U	2.6 U	15 U	2.6 U	15 U	2.6 U
7440-39-3	Barium	ILM04-1-M	ug/l				36.6 J	21 B	16.3 J	41.5 B	37.9 J	41.8 B
7440-41-7	Beryllium	ILM04-1-M	ug/l				5 U	0.2 U	5 U	0.2 U	5 U	0.2 U
7440-43-9	Cadmium	ILM04-1-M	ug/l				0.22 J	0.52 B	5 U	0.4 U	5 U	0.4 U
7440-70-2	Calcium	ILM04-1-M	ug/l				18600	12300	12200	18800	16900 J	12600
7440-47-3	Chromium	ILM04-1-M	ug/l				208	17.4	20.2	14.5	43.6 J	20.8
7440-48-4	Cobalt	ILM04-1-M	ug/l				2.7 J	3.4 B	50 U	2.5 B	4.1 J	4.9 B
7440-50-8	Copper	ILM04-1-M	ug/l				18.4 J	6.2 B	10.9 J	17.4 B	16 J	4.9 B
7439-89-6	Iron	ILM04-1-M	ug/l				2680	168	178	1380	3020 J	1600
7439-92-1	Lead	ILM04-1-M	ug/l				10 UJ	4	10 UJ	1.9 U	10 U	2.5 B
7439-95-4	Magnesium	ILM04-1-M	ug/l				8020	48.7	4860 J	8060	7470 J	5960
7439-96-5	Manganese	ILM04-1-M	ug/l				70.6	0.1 U	6.1 J	131	148 J	178
7439-97-6	Mercury	ILM04-1-M	ug/l				0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
7440-02-0	Nickel	ILM04-1-M	ug/l				103	13.8 B	13.4 J	11.4 B	34.6 J	16.5 B
7440-09-7	Potassium	ILM04-1-M	ug/l				2010 J	1590 BE	1490 J	1820 BE	1940 J	1920 BE
7782-49-2	Selenium	ILM04-1-M	ug/l				35 U	2.5 U	8.9 J	2.5 U	35 U	2.5 U
7440-22-4	Silver	ILM04-1-M	ug/l				0.79 J	1.1 U	10 U	1.1 U	10 U	1.1 U
7440-23-5	Sodium	ILM04-1-M	ug/l				24000	12500	11100	17200	15500 J	23300
7440-28-0	Thallium	ILM04-1-M	ug/l				25 U	4.3 U	25 U	4.3 U	25 U	4.3 U
7440-62-2	Vanadium	ILM04-1-M	ug/l				1.3 J	1.5 U	50 U	1.5 U	4.1 J	1.5 U
7440-66-6	Zinc	ILM04-1-M	ug/l				19.2 J	21.5	34.6 J	7.7 B	27 J	8.8 B
57-12-5	Cyanide	ILM04-1-CN	ug/l				2.2 J	1.5 B	10 U	0.8 U	2.2 J	1.3 B

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Inorganic Compounds

9/23/2003
Page 3 of 7

Cas Rn	Chemical Name	Sample Code	Analytic Method	Sample Name	Unit \	GWM-4I-R2	GWM-4S	GWM-4S-R2	GWM-5D	GWM-5D-R2	GWM-5I	GWM-5I-R2
(Group Code)	(Group Description)					6/4/2003	3/12/2002	6/4/2003	3/15/2002	6/11/2003	3/13/2002	6/3/2003
5-Inorg-W	Inorganic Analytes - ILM04.1											
7429-90-5	Aluminum		ILM04-1-M		ug/l	709 J	3270	1630 J	448	604	228	979
7440-36-0	Antimony		ILM04-1-M		ug/l	60 U	3.1 U	60 U	3.1 U	60 U	3.1 U	60 U
7440-38-2	Arsenic		ILM04-1-M		ug/l	15 U	2.6 U	4.2 J	2.6 U	15 U	2.6 U	15 U
7440-39-3	Barium		ILM04-1-M		ug/l	27.7 J	43.1 B	16.8 J	36.5 B	36.6 J	36.6 B	38.9 J
7440-41-7	Beryllium		ILM04-1-M		ug/l	5 U	0.2 U	5 U	0.2 U	5 U	0.2 U	5 U
7440-43-9	Cadmium		ILM04-1-M		ug/l	0.36 J	0.4 U	0.33 J	0.4 U	5 U	0.4 U	0.39 J
7440-70-2	Calcium		ILM04-1-M		ug/l	12600 J	20700	22900 J	19200	18000	23700	21700
7440-47-3	Chromium		ILM04-1-M		ug/l	31.6 J	81.6	63.4 J	1.9 B	797	4.8 B	832
7440-48-4	Cobalt		ILM04-1-M		ug/l	2.7 J	7.2 B	3 J	1.5 B	10.5 J	1.3 U	1.8 J
7440-50-8	Copper		ILM04-1-M		ug/l	36.2 J	15.4 B	11.3 J	6.5 B	21.6 J	8.2 B	26.9
7439-89-6	Iron		ILM04-1-M		ug/l	1610 J	6050	2020 J	487	4010	140	5310
7439-92-1	Lead		ILM04-1-M		ug/l	10 U	2.8 B	10 U	1.9 U	10 U	2.4 B	10 UJ
7439-95-4	Magnesium		ILM04-1-M		ug/l	5990 J	9640	9310 J	8050	7530	9050	8920
7439-96-5	Manganese		ILM04-1-M		ug/l	70.7 J	320	63.2 J	109	153	31.5	65.7
7439-97-6	Mercury		ILM04-1-M		ug/l	0.2 U	0.1 U	0.2 U	0.1 U	0.08 J	0.1 U	0.2 U
7440-02-0	Nickel		ILM04-1-M		ug/l	33 J	60.8	39.3 J	4.6 B	623	4.3 B	82.7
7440-09-7	Potassium		ILM04-1-M		ug/l	1850 J	2530 BE	2370 J	2690 BE	2790 J	1970 BE	2220 J
7782-49-2	Selenium		ILM04-1-M		ug/l	35 U	2.5 U	35 U	2.5 U	35 U	2.5 U	35 U
7440-22-4	Silver		ILM04-1-M		ug/l	10 U	1.1 U	10 U	1.1 U	10 U	1.1 U	10 U
7440-23-5	Sodium		ILM04-1-M		ug/l	21100 J	15800	11500 J	37000	35600	30900	33500
7440-28-0	Thallium		ILM04-1-M		ug/l	25 U	4.3 U	25 U	4.3 U	4 J	4.3 U	25 U
7440-62-2	Vanadium		ILM04-1-M		ug/l	2.2 J	7 B	5 J	1.5 U	4.2 J	1.5 U	2.3 J
7440-66-6	Zinc		ILM04-1-M		ug/l	20.7 J	22	36.7 J	9.7 B	8 J	5.4 B	19.1 J
57-12-5	Cyanide		ILM04-1-CN		ug/l	2.4 J	0.95 B	2.6 J	1.8 B	2.4 J	1.1 B	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Inorganic Compounds

Cas Rn	Chemical Name	(Group Code)	(Group Description)	Analytic Method	Sample Code Sample Name Sample Date	GWM-5S MB0K99 3/12/2002	GWM-5S-DUP MB0KA0 3/12/2002	GWM-5S-R2 6/3/2003	GWM-5S-R2-DUP 6/3/2003	GWM-6I MB0KA4 3/14/2002	GWM-6I-R2 6/4/2003
5-Inorg-W			Inorganic Analytes - ILM04.1								
7429-90-5	Aluminum			ILM04-1-M	ug/l	303	268	96.4 J	179 J	2410	11300 J
7440-36-0	Antimony			ILM04-1-M	ug/l	3.1 U	3.1 U	60 U	60 U	3.1 U	60 U
7440-38-2	Arsenic			ILM04-1-M	ug/l	2.6 U	2.6 U	15 U	15 U	2.6 B	6.3 J
7440-39-3	Barium			ILM04-1-M	ug/l	48.8 B	49.4 B	41.2 J	42.6 J	63.3 B	116 J
7440-41-7	Beryllium			ILM04-1-M	ug/l	0.2 U	0.2 U	5 U	5 U	0.2 U	0.53 J
7440-43-9	Cadmium			ILM04-1-M	ug/l	0.4 U	0.4 U	5 U	5 U	0.4 U	0.89 J
7440-70-2	Calcium			ILM04-1-M	ug/l	35200	36100	30900	31500	25100	29700 J
7440-47-3	Chromium			ILM04-1-M	ug/l	3.8 B	4.4 B	135 J	232 J	29.1	88.9 J
7440-48-4	Cobalt			ILM04-1-M	ug/l	1.3 U	1.3 U	1 J	0.73 J	4.4 B	11.8 J
7440-50-8	Copper			ILM04-1-M	ug/l	4.3 B	4.3 B	7.7 J	10.5 J	12.6 B	41.5 J
7439-89-6	Iron			ILM04-1-M	ug/l	425	411	993	1550	4810	17500 J
7439-92-1	Lead			ILM04-1-M	ug/l	1.9 U	1.9 U	10 UJ	10 UJ	2.3 B	10 U
7439-95-4	Magnesium			ILM04-1-M	ug/l	23000	23600	19300	19400	9820	13400 J
7439-96-5	Manganese			ILM04-1-M	ug/l	63.1	62.6	32.3 J	52.5 J	340	775 J
7439-97-6	Mercury			ILM04-1-M	ug/l	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U
7440-02-0	Nickel			ILM04-1-M	ug/l	2.6 U	2.6 U	41.7	51.2	22.3 B	60.5 J
7440-09-7	Potassium			ILM04-1-M	ug/l	1980 BE	2020 BE	2960 J	3390 J	5310 EJ	8110 J
7782-49-2	Selenium			ILM04-1-M	ug/l	2.5 U	2.5 U	35 U	35 U	2.5 U	35 U
7440-22-4	Silver			ILM04-1-M	ug/l	1.1 U	1.1 U	10 U	10 U	2 B	10 U
7440-23-5	Sodium			ILM04-1-M	ug/l	15400	16000	408000	606000	10400	9440 J
7440-28-0	Thallium			ILM04-1-M	ug/l	4.3 U	4.3 U	25 U	25 U	4.3 U	25 U
7440-62-2	Vanadium			ILM04-1-M	ug/l	1.5 U	1.5 U	0.85 J	1.5 J	7.5 B	26.3 J
7440-66-6	Zinc			ILM04-1-M	ug/l	4.8 B	5.3 B	9.6 J	11.8 J	14.2 B	47.4 J
57-12-5	Cyanide			ILM04-1-CN	ug/l	1.4 B	0.8 U	2.1 J	10 U	0.8 U	2.7 J

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Inorganic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	GWM-6S MB0KA3 3/15/2002	GWM-6S-R2 6/9/2003	GWM-7-R2 6/10/2003	GWM-A MB0KA5 3/14/2002	GWM-A-R1 6/11/2001	GWM-A-R2 6/9/2003	GWM-C MB0KA6 3/14/2002
(Group Code)	(Group Description)										
5-Inorg-W	Inorganic Analytes - ILM04.1										
7429-90-5	Aluminum		ILM04-1-M	ug/l	500	181 J	103 J	169 B		1810	307
7440-36-0	Antimony		ILM04-1-M	ug/l	3.1 U	60 U	60 U	3.1 U		60 U	3.1 U
7440-38-2	Arsenic		ILM04-1-M	ug/l	2.6 U	15 U	15 U	2.6 U		2.7 J	2.6 U
7440-39-3	Barium		ILM04-1-M	ug/l	42.2 B	33.4 J	67.4 J	13.1 B		20.8 J	29.2 B
7440-41-7	Beryllium		ILM04-1-M	ug/l	0.2 U	5 U	0.04 J	0.2 U		0.1 J	0.2 U
7440-43-9	Cadmium		ILM04-1-M	ug/l	0.4 U	5 U	0.45 J	0.4 U		5 U	0.4 U
7440-70-2	Calcium		ILM04-1-M	ug/l	19900	19500	16600	15700		15000	14000
7440-47-3	Chromium		ILM04-1-M	ug/l	7.2 B	7.1 J	11.7	7.7 B		37.3	6.2 B
7440-48-4	Cobalt		ILM04-1-M	ug/l	1.3 U	50 U	50 U	1.3 U		1.3 J	1.3 U
7440-50-8	Copper		ILM04-1-M	ug/l	7.4 B	25 U	25 U	1.2 U		4 R	3 B
7439-89-6	Iron		ILM04-1-M	ug/l	1000	407	389	99.7 B		2380	297
7439-92-1	Lead		ILM04-1-M	ug/l	1.9 UJ	6.3 J	10 U	1.9 UJ		10 U	1.9 U
7439-95-4	Magnesium		ILM04-1-M	ug/l	7920	7860	2880 J	7490		7460	6280
7439-96-5	Manganese		ILM04-1-M	ug/l	146	37.8	276	113		143	20.1
7439-97-6	Mercury		ILM04-1-M	ug/l	0.1 U	0.12 J	0.08 J	0.1 U		0.2 U	0.1 U
7440-02-0	Nickel		ILM04-1-M	ug/l	10.9 B	6.4 J	19.6 J	6.3 B		24.1 J	4.5 B
7440-09-7	Potassium		ILM04-1-M	ug/l	1960 BE	1670 J	3960 J	1600 BE		1770 J	1790 BE
7782-49-2	Selenium		ILM04-1-M	ug/l	2.5 U	35 U	35 U	2.5 U		35 U	2.5 U
7440-22-4	Silver		ILM04-1-M	ug/l	1.1 U	10 U	0.84 J	1.1 U		0.61 J	1.1 U
7440-23-5	Sodium		ILM04-1-M	ug/l	17300	15400	19800	11600		9830	15600
7440-28-0	Thallium		ILM04-1-M	ug/l	4.3 U	25 U	25 U	4.3 U		25 U	4.3 U
7440-62-2	Vanadium		ILM04-1-M	ug/l	1.5 U	50 U	50 U	1.5 U		4.5 J	1.5 U
7440-66-6	Zinc		ILM04-1-M	ug/l	18.3 B	39.6 J	33 J	3.2 U		46.8 J	5.2 B
57-12-5	Cyanide		ILM04-1-CN	ug/l	1.4 B	10 U	2.2 J	2.2 B		2.1 J	1.8 B

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Inorganic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	GWM-C-R2 6/5/2003	GWM-D MB0KA7 3/15/2002	GWM-D-R2 6/5/2003	GWM-E MB0KA8 3/14/2002	GWM-E-R1 6/11/2001	GWM-E-R2 6/5/2003	GWM-F MB0KA9 3/14/2002
5-Inorg-W	Inorganic Analytes - ILM04.1									
7429-90-5	Aluminum	ILM04-1-M	ug/l	664 J	686	449 J	672		1060 J	631
7440-36-0	Antimony	ILM04-1-M	ug/l	60 U	3.1 U	60 U	3.1 U		60 U	3.1 U
7440-38-2	Arsenic	ILM04-1-M	ug/l	15 U	2.6 U	15 U	2.6 U		15 U	2.6 U
7440-39-3	Barium	ILM04-1-M	ug/l	18 J	13 B	200 U	30.7 B		22.7 J	40.7 B
7440-41-7	Beryllium	ILM04-1-M	ug/l	5 U	0.2 U	5 U	0.2 U		5 U	0.2 U
7440-43-9	Cadmium	ILM04-1-M	ug/l	5 U	0.4 U	5 U	0.4 U		5 U	0.4 U
7440-70-2	Calcium	ILM04-1-M	ug/l	13500 J	16000	13300 J	26200		24800 J	26800
7440-47-3	Chromium	ILM04-1-M	ug/l	25.9 J	4.5 B	2 J	14.1		70.9 J	17.5
7440-48-4	Cobalt	ILM04-1-M	ug/l	2.2 J	1.4 B	1.7 J	1.3 U		2.8 J	1.3 U
7440-50-8	Copper	ILM04-1-M	ug/l	6.5 J	1.2 U	25 U	2.5 B		31.4 J	1.9 B
7439-89-6	Iron	ILM04-1-M	ug/l	833 J	815	453 J	966		1730 J	647
7439-92-1	Lead	ILM04-1-M	ug/l	10 U	1.9 UJ	10 U	1.9 U		10 U	1.9 UJ
7439-95-4	Magnesium	ILM04-1-M	ug/l	6130 J	7690	6400 J	13600		12800 J	10700
7439-96-5	Manganese	ILM04-1-M	ug/l	41.8 J	152	100 J	58.4		106 J	251
7439-97-6	Mercury	ILM04-1-M	ug/l	0.2 U	0.1 U	0.2 U	0.1 U		0.2 U	0.1 U
7440-02-0	Nickel	ILM04-1-M	ug/l	14.6 J	3.6 B	40 U	9 B		45.7 J	12.5 B
7440-09-7	Potassium	ILM04-1-M	ug/l	1950 J	1170 BE	1040 J	1940 BE		1930 J	5290 EJ
7782-49-2	Selenium	ILM04-1-M	ug/l	35 U	2.5 U	35 U	2.5 U		35 U	2.5 U
7440-22-4	Silver	ILM04-1-M	ug/l	10 U	1.1 U	10 U	1.1 U		10 U	1.1 U
7440-23-5	Sodium	ILM04-1-M	ug/l	14700 J	7810	6390 J	17300		16500 J	16400
7440-28-0	Thallium	ILM04-1-M	ug/l	25 U	4.3 U	25 U	4.3 U		25 U	4.3 U
7440-62-2	Vanadium	ILM04-1-M	ug/l	1.6 J	1.9 B	1.6 J	1.5 U		2.5 J	2.1 B
7440-66-6	Zinc	ILM04-1-M	ug/l	44.9 J	6.6 B	7.4 J	6.8 B		53 J	8.2 B
57-12-5	Cyanide	ILM04-1-CN	ug/l	2.4 J	2.1 B	2.3 J	1.2 B		3.5 J	1.7 B

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Inorganic Compounds

Cas Rn	Chemical Name	Sample Code	Analytic Method	Sample Name	Unit \	GWM-F-R1	GWM-F-R2	GWM-G	GWM-G-R1	GWM-G-R2	GWM-G-R2-DUP
(Group Code)	(Group Description)							MB0KB0			
5-Inorg-W	Inorganic Analytes - ILM04.1							3/14/2002	6/11/2001	6/5/2003	6/5/2003
7429-90-5	Aluminum	ug/l	ILM04-1-M				1090	522		1380 J	1780 J
7440-36-0	Antimony	ug/l	ILM04-1-M				60 U	3.1 U		60 U	60 U
7440-38-2	Arsenic	ug/l	ILM04-1-M				15 U	2.6 U		15 U	15 U
7440-39-3	Barium	ug/l	ILM04-1-M				41.5 J	6.8 B		200 U	200 U
7440-41-7	Beryllium	ug/l	ILM04-1-M				5 U	0.2 U		5 U	5 U
7440-43-9	Cadmium	ug/l	ILM04-1-M				5 U	0.4 U		5 U	5 U
7440-70-2	Calcium	ug/l	ILM04-1-M				25600	8760		6550 J	6830 J
7440-47-3	Chromium	ug/l	ILM04-1-M				12.4	18.7		19.1 J	23.7 J
7440-48-4	Cobalt	ug/l	ILM04-1-M				50 U	1.5 B		1.7 J	2.7 J
7440-50-8	Copper	ug/l	ILM04-1-M				25 U	1.6 B		3.3 J	4.2 J
7439-89-6	Iron	ug/l	ILM04-1-M				1230	726		1320 J	2290 J
7439-92-1	Lead	ug/l	ILM04-1-M				10 U	1.9 U		10 U	10 U
7439-95-4	Magnesium	ug/l	ILM04-1-M				7190	3830 B		3450 J	3650 J
7439-96-5	Manganese	ug/l	ILM04-1-M				214	101		38.3 J	60.2 J
7439-97-6	Mercury	ug/l	ILM04-1-M				0.12 J	0.1 U		0.2 U	0.2 U
7440-02-0	Nickel	ug/l	ILM04-1-M				9 J	12.7 B		9.6 J	11.8 J
7440-09-7	Potassium	ug/l	ILM04-1-M				2830 J	1410 BE		1430 J	1590 J
7782-49-2	Selenium	ug/l	ILM04-1-M				35 U	2.5 U		35 U	35 U
7440-22-4	Silver	ug/l	ILM04-1-M				0.79 J	1.1 U		10 U	10 U
7440-23-5	Sodium	ug/l	ILM04-1-M				14600	6700		5230 J	5120 J
7440-28-0	Thallium	ug/l	ILM04-1-M				25 U	4.3 U		25 U	25 U
7440-62-2	Vanadium	ug/l	ILM04-1-M				2.1 J	1.5 U		2.6 J	4.4 J
7440-66-6	Zinc	ug/l	ILM04-1-M				9.8 J	3.5 B		10.4 J	15.2 J
57-12-5	Cyanide	ug/l	ILM04-1-CN				2.5 J	1.3 B		3.6 J	2.6 J



SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Wet Chemistry

Cas Rn	Chemical Name	Sample Code	Analytic Method	Unit \1	GWM-1I	GWM-1I-R2	GWM-1S	GWM-1S-R2	GWM-2	GWM-2-R2	GWM-3I
(Group Code)	(Group Description)	Sample Name			3/11/2002	6/2/2003	3/11/2002	6/2/2003	3/12/2002	6/10/2003	3/11/2002
1861-32-1	Wet Chemistry Analysis										
pH	Dacthal				0.01 UJ		0.01 UJ		0.01 U		0.01 UJ
TDS	pH		608 ug/l		6.96		6.4		6.43		6.29
TSS	Total Dissolved Solids		MCAWW150-1	S.U.	54000	16000	170000	15000	150000	17000	170000
CACO3-A	Total Suspended Solids		MCAWW160-2	ug/l	5000 U	54000	5000 U	180000	5000 U	180000	13000
NH3	Alkalinity as CaCO3		MCAWW310-1	ug/l	22600	25000	30800	33000	39000	29000	26700
TKN	Nitrogen, ammonia		MCAWW350-2	ug/l	500 U	50 U	500 U	50 U	500 U	100 U	500 U
NO3/NO2	Nitrogen, total kjeldahl		MCAWW351-	ug/l	500 U	50 U	500 U	5300	500 U	5000	500 U
NO3	Nitrogen, Nitrate-Nitrite		MCAWW353-2	ug/l	100 U		5210		6860		7210
SO4	Nitrate (as N)		MCAWW353-3	ug/l	5540	19000	21400	7000 U	20800	23000	24100
BOD	Sulfate		MCAWW375-	ug/l	2000 U	12000	2000 U	11000	2000 U	17000	2000 U
CACOA-H	Biological oxygen demand		MCAWW405-1	ug/l	81400	26000	36000000	76000	28000000	72000	61800
CL	Hardness as CaCO3		SM2340B	ug/l	3510	26000	28700	6000 U	22600	18000	29900
COD	Chloride		SM4500-CL	ug/l	10000 U	15000 U	10000 U	15000 U	10000 U	15000 U	10000 U
TOC	Chemical oxygendemand		SM5220D	ug/l	460	6000 U	690	6000 U	670	6000 U	690
74-82-8	Total organic carbon		SW9060	ug/l		11000 U		11000 U		11 U	
74-84-0	Methane		RSKSOP147	ug/l		23000 U		23000 U		23 U	
74-85-1	Ethane		RSKSOP147	ug/l		31000 U		31000 U		30 U	
	Ethene		RSKSOP147	ug/l							

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	GWM-3S	GWM-3S-R2	GWM-4D	GWM-4D-R2	GWM-4I	GWM-4I-R2
(Group Code)	(Group Description)									
GWM-Wet	Wet Chemistry Analysis									
1861-32-1	Dacthal	608 ug/l								
pH					0.01 U		0.01 U		0.01 U	
TDS	Total Dissolved Solids	MCAWW150-1		S.U.	6.08		7.07		6.22	
TSS	Total Suspended Solids	MCAWW160-1	18000	ug/l	130000	10000 U	150000	170000	120000	160000
CACO3-A	Alkalinity as CaCO3	MCAWW160-2	210000	ug/l	5000 U	140000	5000 U	44000	29000	29000
NH3	Nitrogen, ammonia	MCAWW310-1	29000	ug/l	2000 U	15000	44200	45000	30100	17000
TKN	Nitrogen, total kjeldahl	MCAWW350-2	50 U	ug/l	500 U	50 U	500 U	50 U	500 U	50 U
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW351-	1000 U	ug/l	500 U	1000 U	500 U		500 U	
NO3	Nitrate (as N)	MCAWW353-2	7300	ug/l		4500		4100		5600
SO4	Sulfate	MCAWW353-3		ug/l	4400		4240		5110	
BOD	Biological oxygen demand	MCAWW375-	17000	ug/l	22600	17000	25700	24000	26300	18000
CACOA-H	Hardness as CaCO3	MCAWW405-1	15000	ug/l	2000 U	16000	2000 U	3000 U	2000 U	3000 U
CL	Chloride	SM2340B	81000	ug/l	53900	53000	380000	78000	560000	58000
COD	Chemical oxygendemand	SM4500-CL	39000	ug/l	15800	15000	19200	17000	26000	30000
TOC	Total organic carbon	SM5220D	15000 U	ug/l	10000 U	15000 U	10000 U	15000 U	10000 U	15000 U
74-82-8	Methane	SW9060	6000 U	ug/l	560	6000 U	530	6000 U	620	6000 U
74-84-0	Ethane	RSKSOP147	11 U	ug/l		11 U		11 U		11 U
74-85-1	Ethane	RSKSOP147	23 U	ug/l		23 U		23 U		23 U
		RSKSOP147	30 U	ug/l		30 U		30 U		30 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Wet Chemistry

Gas Rn	Chemical Name	Sample Code	Analytic Method	Sample Name	Sample Date	Unit \\\	GWM-4S	GWM-4S-R2	GWM-5D	GWM-5D-R2	GWM-5I	GWM-5I-R2	GWM-5S
(Group Code)	(Group Description)												
GWM-Wet	Wet Chemistry Analysis												
1861-32-1	Dacthal		608 ug/l										
pH	pH						0.01 U		0.01 U				0.01 U
TDS	Total Dissolved Solids						6.61		6.65				7.56
TSS	Total Suspended Solids						150000		210000				230000
CACO3-A	Alkalinity as CaCO3						67000	190000	180000	61000		45000	5000 U
NH3	Nitrogen, ammonia						32800	82000	10000	240000		250000	13000
TKN	Nitrogen, total kjeldahl						500 U	34000	23600	30000		41000	500 U
NO3/NO2	Nitrogen, Nitrate-Nitrite						500 U	50 U	500 U	100 U		50 U	500 U
NO3	Nitrate (as N)						500 U	5200	500 U	4900		1000 U	500 U
SO4	Sulfate						4640		5290			5200	4800
BOD	Biological oxygen demand						38000	49000	27800	30000		28000	25000
CACOA-H	Hardness as CaCO3						2000 U	3000 U	2000 U			6000	2000 U
CL	Chloride						85300	98000	800000	77000		94000	170000
COD	Chemical oxygendemand						20100	19000	56200	57000		55000	36000
TOC	Total organic carbon						10000 U	15000 U	10000 U	15000 U		16000 U	10000 U
74-82-8	Methane						680	6000 U	310	6000 U		6000 U	580
74-84-0	Ethane							11 U		11 U		11 U	
74-85-1	Ethene							23 U		23 U		23 U	
								30 U		30 U		30 U	

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	GWM-5S-DUP 3/12/2002	GWM-5S-R2 6/3/2003	GWM-5S-R2-DUP 6/3/2003	GWM-6I 3/14/2002	GWM-6I-R2 6/4/2003	GWM-6S 3/15/2002
(Group Code) GWM-Wet 1861-32-1	(Group Description) Wet Chemistry Analysis Dacthal								
pH	pH	608 ug/l		0.01 U			0.01 U		0.01 U
TDS	Total Dissolved Solids	MCAWW150-1		7.54			8.14		6.4
TSS	Total Suspended Solids	MCAWW160-1		240000	10000 U	11000	130000	85000	140000
CACO3-A	Alkalinity as CaCO3	MCAWW160-2		5000 U	260000	270000	5000 U	190000	5000 U
NH3	Nitrogen, ammonia	MCAWW310-1		120000	110000	120000	64200	96000	33400
TKN	Nitrogen, total kjeldahl	MCAWW350-2		500 U	50 U	50 U	500 U	50 U	500 U
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW351-		500 U	1000 U	1000 U	500 U	50 U	500 U
NO3	Nitrate (as N)	MCAWW353-2		4780	5000	5100	270	50 U	7120
SO4	Sulfate	MCAWW375-		24900	26000	19000	30500	28000	17500
BOD	Biological oxygen demand	MCAWW405-1		2000 U	3000 U	3000 U	2000 U	3000 U	2000 U
CACOA-H	Hardness as CaCO3	SM2340B		160000	160000	170000	720000	130000	62700
CL	Chloride	SM4500-CL		36200	29000	29000	11000	10000	20600
COD	Chemical oxygendemand	SM5220D		10000 U	15000 U	15000 U	10000 U	15000 U	10000 U
TOC	Total organic carbon	SW9060		740	6000 U	6000 U	420	6000 U	250 U
74-82-8	Methane	RSKSOP147			11 U	11 U		240	
74-84-0	Ethane	RSKSOP147			23 U	23 U		23 U	
74-85-1	Ethene	RSKSOP147			30 U	30 U		31 U	

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Wet Chemistry

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	GWM-6S-R2 6/9/2003	GWM-7-R2 6/10/2003	GWM-A 3/14/2002	GWM-A-R2 6/9/2003	GWM-C 3/14/2002	GWM-C-R2 6/5/2003
(Group Code) GWM-Wet	(Group Description) Wet Chemistry Analysis									
1861-32-1	Dacthal									
pH	pH						0.01 U		0.01 U	
TDS	Total Dissolved Solids		MCAWW150-1	608 ug/l			6.67		6.44	
TSS	Total Suspended Solids		MCAWW160-1	ug/l	10000 U	10000 U	100000	42000	130000	17000
CACO3-A	Alkalinity as CaCO3		MCAWW160-2	ug/l	190000	190000	5000 U	160000	5000 U	180000
NH3	Nitrogen, ammonia		MCAWW310-1	ug/l	46000	9600	41300	50000	22100	17000
TKN	Nitrogen, total kjeldahl		MCAWW350-2	ug/l	100 U	100 U	500 U	100 U	500 U	100 U
NO3/NO2	Nitrogen, Nitrate-Nitrite		MCAWW351-1	ug/l			500 U		500 U	
NO3	Nitrate (as N)		MCAWW353-2	ug/l	6600 U	8500	2440	2400	5340	6000
SO4	Sulfate		MCAWW353-3	ug/l	18000	18000	21600	7000 U	21000	17000
BOD	Biological oxygen demand		MCAWW375-1	ug/l		7000	2000 U		2000 U	14000
CACOA-H	Hardness as CaCO3		MCAWW405-1	ug/l	53000	53000	220000	69000	700000	59000
CL	Chloride		SM2340B	ug/l	19000	28000	8130	6600	23000	23000
COD	Chemical oxygendemand		SM5220D	ug/l	15000 U	16000 U	10000 U	15000 U	10000 U	15000 U
TOC	Total organic carbon		SW9060	ug/l	6000 U	6000 U	640	6000 U	530	6000 U
74-82-8	Methane		RSKSOP147	ug/l	11 U	11 U		11 U		11 U
74-84-0	Ethane		RSKSOP147	ug/l	23 U	23 U		22 U		23 U
74-85-1	Ethene		RSKSOP147	ug/l	30 U	30 U		30 U		30 U

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	GWM-D 3/15/2002	GWM-D-R2 6/5/2003	GWM-E 3/14/2002	GWM-E-R2 6/5/2003	GWM-F 3/14/2002
(Group Code)	(Group Description)							
GWM-Wet	Wet Chemistry Analysis							
1861-32-1	Dacthal	608 ug/l		0.01 U		0.01 U		0.01 U
pH	pH			7.33		7.86		8.35
TDS	Total Dissolved Solids	MCAWW150-1 ug/l		100000	10000	190000	38000	130000
TSS	Total Suspended Solids	MCAWW160-2 ug/l		5000 U	100000	13000	200000	33000
CACO3-A	Alkalinity as CaCO3	MCAWW310-1 ug/l		41300	51000	70300	81000	62900
NH3	Nitrogen, ammonia	MCAWW350-2 ug/l		500 U	100 U	500 U	100 U	500 U
TKN	Nitrogen, total kjeldahl	MCAWW351- ug/l		500 U		500 U		500 U
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2 ug/l			1200	5920	6000	
NO3	Nitrate (as N)	MCAWW353-3 ug/l		2110				4310
SO4	Sulfate	MCAWW375- ug/l		10200	9200	14200	14000	13700
BOD	Biological oxygen demand	MCAWW405-1 ug/l		2000 U	11000	2000 U	3000 U	2000 U
CACOA-H	Hardness as CaCO3	SM2340B ug/l		720000	58000	760000	110000	110000
CL	Chloride	SM4500-CL ug/l		12200	9200	29300	30000	19000
COD	Chemical oxygendemand	SM5220D ug/l		10000 U		10000 U	15000 U	10000 U
TOC	Total organic carbon	SW9060 ug/l		250 U	6000 U	290	6000 U	250
74-82-8	Methane	RSKSOP147 ug/l			11 U		11 U	
74-84-0	Ethane	RSKSOP147 ug/l			22 U		23 U	
74-85-1	Ethene	RSKSOP147 ug/l			30 U		31 U	

SMITHTOWN GROUNDWATER CONTAMINATION
Groundwater Monitoring Wells
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	GWM-F-R2 6/10/2003	GWM-G 3/14/2002	GWM-G-R2 6/5/2003	GWM-G-R2-DUP 6/5/2003
(Group Code)	(Group Description)						
GWM-Wet	Wet Chemistry Analysis						
1861-32-1	Dacthal	608 ug/l					
pH	pH				0.01 U		
TDS	Total Dissolved Solids	MCAWW150-1 S.U.			6.92		
TSS	Total Suspended Solids	MCAWW160-1 ug/l	45000		72000	70000	220000
CACO3-A	Alkalinity as CaCO3	MCAWW160-2 ug/l	190000		35000	69000	77000
NH3	Nitrogen, ammonia	MCAWW310-1 ug/l	68000		24100	24000	26000
TKN	Nitrogen, total kjeldahl	MCAWW350-2 ug/l	100 U		500 U	100 U	100 U
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW351- ug/l			500 U		
NO3	Nitrate (as N)	MCAWW353-2 ug/l	4500		1040	590	620
SO4	Sulfate	MCAWW375- ug/l	17000		9090	9900	9500
BOD	Biological oxygen demand	MCAWW405-1 ug/l	14000		2000 U	3000 U	14000
CACOA-H	Hardness as CaCO3	SM2340B ug/l	99000		920000	30000	30000
CL	Chloride	SM4500-CL ug/l	19000		7650	6100	6000 U
COD	Chemical oxygendemand	SM5220D ug/l	23000		10000 U	15000 U	15000 U
TOC	Total organic carbon	SW9060 ug/l	6000 U		250 U	6000 U	6000 U
74-82-8	Methane	RSKSOP147 ug/l	11 U			11 U	11 U
74-84-0	Ethane	RSKSOP147 ug/l	23 U			23 U	23 U
74-85-1	Ethene	RSKSOP147 ug/l	30 U			30 U	30 U



Wetland Surface Water (SWW) Samples

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Surface Water
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SWW-001 B06W9 4/16/2001	SWW-002 B06X1 4/16/2001	SWW-002-DUP BSE07 4/16/2001	SWW-003 B03X3 4/17/2001	SWW-004 B06X5 4/17/2001	SWW-005 B06X7 4/18/2001	SWW-006 B06X9 4/18/2001
1-LCV	Low Concentration Voas									
74-87-3	Chloromethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-09-2	Methylene Chloride	OLC02-1-V	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
67-64-1	Acetone	OLC02-1-V	ug/L	0 R	0 R	10 UJ	15 J	0 R	5 UJ	13 UJ
75-15-0	Carbon Disulfide	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	0.5 J	1 U	0.3 J
75-34-3	1,1-Dichloroethane	OLC02-1-V	ug/L	0.4 J	1 U	1 U	0.3 J	0.4 J	1 U	0.4 J
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
67-66-3	Chloroform	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC02-1-V	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
78-93-3	2-Butanone	OLC02-1-V	ug/L	0 R	0 R	0 R	0 R	0 R	0 R	0 R
74-97-5	Chlorobromomethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	ug/L	2	1	1	2	3	1	2
56-23-5	Carbon Tetrachloride	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
71-43-2	Benzene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
591-78-6	2-Hexanone	OLC02-1-V	ug/L	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U
127-18-4	Tetrachloroethene	OLC02-1-V	ug/L	0 R	0 R	0 R	0.6 J	0 R	0 R	0.9 J
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	ug/L	2	2	3	1 U	1 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
100-42-5	Styrene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Surface Water
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SWW-001 B06W9 4/16/2001	SWW-002 B06X1 4/16/2001	SWW-002-DUP BSE07 4/16/2001	SWW-003 B03X3 4/17/2001	SWW-004 B06X5 4/17/2001	SWW-005 B06X7 4/18/2001	SWW-006 B06X9 4/18/2001
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	ug/L	0 R	0 R	0 R	0 R	0 R	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Surface Water
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SWW-007 BSE01 4/19/2001	SWW-008 BSE03 4/19/2001	SWW-009 BSE05 4/19/2001
(Group Code)	(Group Description)					
1-LCV	Low Concentration Voas					
74-87-3	Chloromethane	OLC02-1-V	ug/L	1 U	1 U	1 U
74-83-9	Bromomethane	OLC02-1-V	ug/L	1 U	1 U	1 U
75-01-4	Vinyl Chloride	OLC02-1-V	ug/L	1 U	1 U	1 U
75-00-3	Chloroethane	OLC02-1-V	ug/L	1 U	1 U	1 U
75-09-2	Methylene Chloride	OLC02-1-V	ug/L	2 U	2 U	2 U
67-64-1	Acetone	OLC02-1-V	ug/L	8 UJ	7 UJ	15 UJ
75-15-0	Carbon Disulfide	OLC02-1-V	ug/L	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	OLC02-1-V	ug/L	0.4 J	0.5 J	1
75-34-3	1,1-Dichloroethane	OLC02-1-V	ug/L	0.4 J	0.3 J	0.4 J
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	ug/L	1 U	1 U	1 U
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	ug/L	1 U	1 U	1 U
67-66-3	Chloroform	OLC02-1-V	ug/L	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC02-1-V	ug/L	1 U	1 U	1 U
78-93-3	2-Butanone	OLC02-1-V	ug/L	0 R	0 R	0 R
74-97-5	Chlorobromomethane	OLC02-1-V	ug/L	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	ug/L	3	3	5
56-23-5	Carbon Tetrachloride	OLC02-1-V	ug/L	1 U	1 U	1 U
75-27-4	Bromodichloromethane	OLC02-1-V	ug/L	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	OLC02-1-V	ug/L	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	ug/L	1 U	1 U	1 U
79-01-6	Trichloroethene	OLC02-1-V	ug/L	1 U	1 U	1 U
124-48-1	Dibromochloromethane	OLC02-1-V	ug/L	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	ug/L	1 U	1 U	1 U
71-43-2	Benzene	OLC02-1-V	ug/L	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	ug/L	1 U	1 U	1 U
75-25-2	Bromoform	OLC02-1-V	ug/L	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	ug/L	5 U	5 U	5 U
591-78-6	2-Hexanone	OLC02-1-V	ug/L	0 R	0 R	0 R
127-18-4	Tetrachloroethene	OLC02-1-V	ug/L	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	ug/L	1 U	1 U	1 U
106-93-4	1,2-Dibromoethane	OLC02-1-V	ug/L	1 U	1 U	1 U
108-88-3	Toluene	OLC02-1-V	ug/L	1 U	1 U	1 U
108-90-7	Chlorobenzene	OLC02-1-V	ug/L	1 U	1 U	1 U
100-41-4	Ethylbenzene	OLC02-1-V	ug/L	1 U	1 U	1 U
100-42-5	Styrene	OLC02-1-V	ug/L	1 U	1 U	1 U
1330-20-7	Xylenes (total)	OLC02-1-V	ug/L	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	ug/L	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Surface Water
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SWW-007 BSE01 4/19/2001	SWW-008 BSE03 4/19/2001	SWW-009 BSE05 4/19/2001
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	ug/L	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	ug/L	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	ug/L	0 R	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	ug/L	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Surface Water
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SWW-001 B06W9 4/16/2001	SWW-002 B06X1 4/16/2001	SWW-002-DUP BSE07 4/16/2001	SWW-003 B03X3 4/17/2001	SWW-004 B06X5 4/17/2001
(Group Code)	(Group Description)							
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2							
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
83-83-9	Acenaphthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Surface Water
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Unit \	Sample Code Sample Name Sample Date	SWW-001 B06W9 4/16/2001	SWW-002 B06X1 4/16/2001	SWW-002-DUP BSE07 4/16/2001	SWW-003 B03X3 4/17/2001	SWW-004 B06X5 4/17/2001
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		24	24	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Surface Water
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \	SWW-005 B06X7 4/18/2001	SWW-006 B06X9 4/18/2001	SWW-007 BSE01 4/19/2001	SWW-008 BSE03 4/19/2001
(Group Code)	(Group Description)							
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2							
100-52-7	Benzaldehyde	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
108-95-2	Phenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
111-44-4	bis(2-Chloroethyl)ether	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
95-57-8	2-Chlorophenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
95-48-7	2-Methylphenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
98-86-2	Acetophenone	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
106-44-5	4-Methylphenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
67-72-1	Hexachloroethane	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
98-95-3	Nitrobenzene	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
78-59-1	Isophorone	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
88-75-5	2-Nitrophenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
105-67-9	2,4-Dimethylphenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
120-83-2	2,4-Dichlorophenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
91-20-3	Naphthalene	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
106-47-8	4-Chloroaniline	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
87-68-3	Hexachlorobutadiene	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
105-60-2	Caprolactam	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
59-50-7	4-Chloro-3-methylphenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
91-57-6	2-Methylnaphthalene	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
77-47-4	Hexachlorocyclopentadiene	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
88-06-2	2,4,6-Trichlorophenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
95-95-4	2,4,5-Trichlorophenol	ug/l	OLM04-2-SV		25 U	25 U	25 U	26 U
92-52-4	1,1'-Biphenyl	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
91-58-7	2-Chloronaphthalene	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
88-74-4	2-Nitroaniline	ug/l	OLM04-2-SV		25 U	25 U	25 U	26 U
131-11-3	Dimethylphthalate	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
606-20-2	2,6-Dinitrotoluene	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
208-96-8	Acenaphthylene	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U
99-09-2	3-Nitroaniline	ug/l	OLM04-2-SV		25 U	25 U	25 U	26 U
83-32-9	Acenaphthene	ug/l	OLM04-2-SV		10 U	10 U	10 U	11 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Surface Water
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SWW-005 B06X7 4/18/2001	SWW-006 B06X9 4/18/2001	SWW-007 BSE01 4/19/2001	SWW-008 BSE03 4/19/2001
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2						
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	26 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	26 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	26 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	26 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	26 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10 U	1 U	10 U	11 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Surface Water
Pesticides/PCBs

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SWW-001 B06W9 4/16/2001	SWW-002 B06X1 4/16/2001	SWW-002-DUP BSE07 4/16/2001	SWW-003 B03X3 4/17/2001	SWW-004 B06X5 4/17/2001	SWW-005 B06X7 4/18/2001
(Group Code)	(Group Description)								
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2								
319-84-6	alpha-BHC	OLM04-2-PP	ug/l	0.01 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
319-85-7	beta-BHC	OLM04-2-PP	ug/l	0.01 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
319-86-8	delta-BHC	OLM04-2-PP	ug/l	0.01 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l	0.01 U	0.05 U	0.01 U	0.01 U	0.01 U	0.026 U
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.013 U	0.05 U	0.013 U	0.013 U	0.013 U	0.013 U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.022 U	0.05 U	0.022 U	0.022 U	0.022 U	0.022 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.023 U	0.05 U	0.023 U	0.023 U	0.023 U	0.023 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.01 U	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.017 U	0.1 U	0.017 U	0.017 U	0.017 U	0.017 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.018 U	0.1 U	0.018 U	0.018 U	0.018 U	0.018 U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.017 U	0.1 U	0.017 U	0.017 U	0.017 U	0.017 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.017 U	0.1 U	0.017 U	0.017 U	0.017 U	0.017 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.018 U	0.1 U	0.018 U	0.018 U	0.018 U	0.018 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.025 U	0.1 U	0.025 U	0.025 U	0.025 U	0.025 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.017 U	0.1 U	0.017 U	0.017 U	0.017 U	0.017 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.019 U	0.1 U	0.019 U	0.019 U	0.019 U	0.019 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	1.2 U	5 U	1.2 U	1.2 U	1.2 U	1.2 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2 U	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Surface Water
Pesticides/PCBs

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SWW-006 B06X9 4/18/2001	SWW-007 BSE01 4/19/2001	SWW-008 BSE03 4/19/2001
(Group Code)	(Group Description)					
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2					
319-84-6	alpha-BHC	OLM04-2-PP	ug/l	0.01 U	0.01 U	0.01 U
319-85-7	beta-BHC	OLM04-2-PP	ug/l	0.01 U	0.01 U	0.01 U
319-86-8	delta-BHC	OLM04-2-PP	ug/l	0.01 U	0.01 U	0.01 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l	0.024	0.01 U	0.01 U
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.013 U	0.013 U	0.013 U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.022 U	0.022 U	0.022 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.023 U	0.023 U	0.023 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.01 U	0.01 U	0.01 U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.017 U	0.017 U	0.017 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.018 U	0.018 U	0.018 U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.017 U	0.017 U	0.017 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.017 U	0.017 U	0.017 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.018 U	0.018 U	0.018 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.025 U	0.025 U	0.025 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.017 U	0.017 U	0.017 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.5 U	0.5 U	0.5 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.019 U	0.019 U	0.019 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	1.2 U	1.2 U	1.2 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1 U	1 U	1 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2 U	2 U	2 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1 U	1 U	1 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1 U	1 U	1 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1 U	1 U	1 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1 U	1 U	1 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Water
Inorganic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	SWW-001 MB06J2 4/16/2001	SWW-002 MB06J3 4/16/2001	SWW-002-DUP MB06K1 4/16/2001	SWW-003 MB06J4 4/17/2001	SWW-004 MB06J5 4/17/2001	SWW-005 MB06J6 4/18/2001	SWW-006 MB06J7 4/18/2001
(Group Code)	(Group Description)										
5-Inorg-W	Inorganic Analytes - ILM04.1										
7429-90-5	Aluminum		ILM04-1-M	ug/l	168 U	168 U	168 U	168 U	168 U	168 U	168 U
7440-36-0	Antimony		ILM04-1-M	ug/l	3 U	3 U	3 U	3 U	3 U	3 U	3 U
7440-38-2	Arsenic		ILM04-1-M	ug/l	4 U	4 U	4 U	4 U	4 U	4 U	4 U
7440-39-3	Barium		ILM04-1-M	ug/l	15.4 B	18 B	18.9 B	15.5 B	15.3 B	18.8 B	14.9 B
7440-41-7	Beryllium		ILM04-1-M	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
7440-43-9	Cadmium		ILM04-1-M	ug/l	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
7440-70-2	Calcium		ILM04-1-M	ug/l	24600	23900	24500	22100	21200	19500	20000
7440-47-3	Chromium		ILM04-1-M	ug/l	0.7 U	0.85 B	0.7 U	0.92 B	0.8 B	0.7 U	0.8 B
7440-48-4	Cobalt		ILM04-1-M	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
7440-50-8	Copper		ILM04-1-M	ug/l	0.7 U	0.78 B	1 B	0.86 B	2.4 B	1.5 B	0.82 B
7439-89-6	Iron		ILM04-1-M	ug/l	54.6 U	54.6 U	54.6 U	54.6 U	54.6 U	229	91 B
7439-92-1	Lead		ILM04-1-M	ug/l	1.5 U	1.5 UJ	1.5 UJ	1.5 UJ	1.6 BJ	1.5 U	1.5 U
7439-95-4	Magnesium		ILM04-1-M	ug/l	34700	26100	27800	25300	23000	8900	18800
7439-96-5	Manganese		ILM04-1-M	ug/l	6.6 B	4.9 B	4.9 B	6.3 B	7.7 B	14.3 B	6.1 B
7439-97-6	Mercury		ILM04-1-M	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7440-02-0	Nickel		ILM04-1-M	ug/l	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
7440-09-7	Potassium		ILM04-1-M	ug/l	12200	8430	9000	8670	7450	1730 B	6140 J
7782-49-2	Selenium		ILM04-1-M	ug/l	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U
7440-22-4	Silver		ILM04-1-M	ug/l	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
7440-23-5	Sodium		ILM04-1-M	ug/l	292000	188000	204000	196000	166000	23600	125000
7440-28-0	Thallium		ILM04-1-M	ug/l	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
7440-62-2	Vanadium		ILM04-1-M	ug/l	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
7440-66-6	Zinc		ILM04-1-M	ug/l	14.7 B	5.3 B	4.2 B	5.5 B	12.3 B	6 B	3.4 B
57-12-5	Cyanide		ILM04-1-CN	ug/l	1.6 B	1.7 B	1.5 B	1.1 U	2 B	1.3 BJ	1.6 BJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Water
Inorganic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SWW-007 MB06J8 4/19/2001	SWW-008 MB06J9 4/19/2001	SWW-009 MB06K0 4/19/2001
5-Inorg-W						
Inorganic Analytes - ILM04.1						
7429-90-5	Aluminum	ILM04-1-M	ug/l	168 U	168 U	168 U
7440-36-0	Antimony	ILM04-1-M	ug/l	3 U	3 U	3 U
7440-38-2	Arsenic	ILM04-1-M	ug/l	4 U	4 U	4 U
7440-39-3	Barium	ILM04-1-M	ug/l	14.2 B	16.6 B	14.4 B
7440-41-7	Beryllium	ILM04-1-M	ug/l	0.2 U	0.2 U	0.2 U
7440-43-9	Cadmium	ILM04-1-M	ug/l	0.3 U	0.3 U	0.3 U
7440-70-2	Calcium	ILM04-1-M	ug/l	20200	18100	15000
7440-47-3	Chromium	ILM04-1-M	ug/l	0.7 U	0.7 U	0.7 U
7440-48-4	Cobalt	ILM04-1-M	ug/l	1.1 U	1.1 U	1.1 U
7440-50-8	Copper	ILM04-1-M	ug/l	1.4 B	1.6 B	0.95 B
7439-89-6	Iron	ILM04-1-M	ug/l	127	54.6 U	54.6 U
7439-92-1	Lead	ILM04-1-M	ug/l	1.5 U	1.5 U	1.5 U
7439-95-4	Magnesium	ILM04-1-M	ug/l	20800	12700	11200
7439-96-5	Manganese	ILM04-1-M	ug/l	8.4 B	5.6 B	2.7 B
7439-97-6	Mercury	ILM04-1-M	ug/l	0.1 U	0.1 U	0.1 U
7440-02-0	Nickel	ILM04-1-M	ug/l	1.5 U	1.5 U	1.5 U
7440-09-7	Potassium	ILM04-1-M	ug/l	7220 J	3810 B	3570 B
7782-49-2	Selenium	ILM04-1-M	ug/l	3.4 U	3.4 U	3.4 U
7440-22-4	Silver	ILM04-1-M	ug/l	0.8 U	0.8 U	0.8 U
7440-23-5	Sodium	ILM04-1-M	ug/l	150000	67600	63200
7440-28-0	Thallium	ILM04-1-M	ug/l	3.9 U	3.9 U	3.9 U
7440-62-2	Vanadium	ILM04-1-M	ug/l	0.9 U	0.9 U	0.9 U
7440-66-6	Zinc	ILM04-1-M	ug/l	4.5 B	3.9 B	3.4 B
57-12-5	Cyanide	ILM04-1-CN	ug/l	1.4 BJ	1.2 BJ	1.6 BJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Water
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SWW-001 4/16/2001	SWW-002 4/16/2001	SWW-002-DUP 4/16/2001	SWW-003 4/17/2001	SWW-004 4/17/2001	SWW-005 4/18/2001
(Group Code)	(Group Description)								
SWS-Wet	SWS-SWW Samples Wet Chemistry Analysis								
pH	pH			6.79 J	7.1 J	7.16 J	7	6.86	7.38 J
TDS	Total Dissolved Solids	MCAWW150-1	S.U.	1000000	800000	960000	710000	550000	190000
TSS	Total Suspended Solids	MCAWW160-1	ug/l	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	ug/l	36200 J	42500 J	43000 J	34800 J	33200 J	32200 J
NH3	Nitrogen, ammonia	MCAWW350-2	ug/l	500 U	500 U	500 U	500 U	500 U	500 U
TKN	Nitrogen, total kjeldahl	MCAWW351-	ug/l	500 U	500 U	500 U	1080	500 U	500 U
NO3	Nitrate (as N)	MCAWW353-3	ug/l	910	590	160	240	290	360
SO4	Sulfate	MCAWW375-	ug/l	85000	65000	120000	68000	53000	24800
BOD	Biological oxygen demand	MCAWW405-1	ug/l	2600 J	2620 J	3010 J	2160	2000 U	2230 J
CACOA-H	Hardness as CaCO3	SM2340B	ug/l	271000	204000	262000	190000	150000	83100
CL	Chloride	SM4500-CL	ug/l	520000	370000	420000	320000	310000	38400
COD	Chemical oxygendemand	SM5220D	ug/l	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U
TOC	Total organic carbon	SW9060	ug/l	3000 U	3000 U	3000 U	3000 U	3000 U	3000 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Water
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SWW-006 4/18/2001	SWW-007 4/19/2001	SWW-008 4/19/2001	SWW-009 4/19/2001
(Group Code)	(Group Description)						
SWS-Wet	SWS-SWW Samples Wet Chemistry Analysis						
pH	pH	MCAWW150-1	S.U.	7.2 J	7.31 J	7.37 J	7.41 J
TDS	Total Dissolved Solids	MCAWW160-1	ug/l	470000	540000	260000	280000
TSS	Total Suspended Solids	MCAWW160-2	ug/l	5000 U	5000 U	5000 U	5000 U
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	ug/l	33500 J	34700 J	28700 J	28500 J
NH3	Nitrogen, ammonia	MCAWW350-2	ug/l	500 U	500 U	500 U	500 U
TKN	Nitrogen, total kjeldahl	MCAWW351-	ug/l	500 U	500 U	500 U	500 U
NO3	Nitrate (as N)	MCAWW353-3	ug/l	350	250	80	370
SO4	Sulfate	MCAWW375-	ug/l	41100	52000	18200	33100
BOD	Biological oxygen demand	MCAWW405-1	ug/l	2000 UJ	2160 J	2150 J	0 R
CACOA-H	Hardness as CaCO3	SM2340B	ug/l	120000	140000	110000	92600
CL	Chloride	SM4500-CL	ug/l	160000	240000	84000	89000
COD	Chemical oxygendemand	SM5220D	ug/l	10000 U	10000 U	10000 U	10000 U
TOC	Total organic carbon	SW9060	ug/l	3000 U	3000 U	3000 U	3000 U

Spring/Seep Surface Water (SWS) Samples

Surface Water Spring/Seep (SWS) & Sediment (SSS) Samples

DSW-1: Dunton Spring

SWS-1/SSS-1: Stony Brook Harbor

SWS-2/SSS-2: Stony Brook Harbor

SWS-3/SSS-3: Stony Brook Harbor

SSS-4: Stony Brook Harbor

SWS-5/SSS-5: Stony Brook Harbor (Background sample)

SWS-6/SSS-6: Stony Brook Harbor (Background sample)

SWS-7/SSS-7: Stony Brook Harbor

SWS-8/SSS-8: Nissoquogue River

SWS-9/SSS-9: Nissoquogue River

SWS-10/SSS-10: Nissoquogue River

SWS-11/SSS-12: Nissoquogue River

PROBABILITY AND STATISTICS

1. A fair die is thrown once. Find the probability of getting a number less than 4.	1/2
2. A fair die is thrown once. Find the probability of getting a number greater than 4.	1/3
3. A fair die is thrown once. Find the probability of getting a number between 2 and 5.	2/3
4. A fair die is thrown once. Find the probability of getting a number which is a multiple of 3.	1/3
5. A fair die is thrown once. Find the probability of getting a number which is a multiple of 2.	1/2
6. A fair die is thrown once. Find the probability of getting a number which is a multiple of 4.	1/6
7. A fair die is thrown once. Find the probability of getting a number which is a multiple of 6.	1/6
8. A fair die is thrown once. Find the probability of getting a number which is a multiple of 12.	1/12
9. A fair die is thrown once. Find the probability of getting a number which is a multiple of 18.	1/18
10. A fair die is thrown once. Find the probability of getting a number which is a multiple of 24.	1/24

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Water
Volatile Organic Compounds

9/23/2003
Page 1 of 4

Gas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SWS-001 B06S0 4/10/2001	SWS-002 B06S2 4/10/2001	SWS-003 B06S4 4/10/2001	SWS-005 B06S8 4/11/2001	SWS-006 B06T0 4/11/2001	SWS-007 B06S6 4/11/2001	SWS-008 B06T4 4/23/2001
Group Code)	Unit \\\									
I-LCV										
4-87-3	Chloromethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-83-9	Bromomethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
5-01-4	Vinyl Chloride	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
5-00-3	Chloroethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
5-09-2	Methylene Chloride	OLC02-1-V	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7-64-1	Acetone	OLC02-1-V	ug/L	0 R	0 R	0 R	0 R	0 R	0 R	15 UJ
5-15-0	Carbon Disulfide	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
5-35-4	1,1-Dichloroethene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
5-34-3	1,1-Dichloroethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	0.5 J
56-59-2	cis-1,2-Dichloroethene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	0.8 J
56-60-5	trans-1,2-Dichloroethene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7-66-3	Chloroform	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	OLC02-1-V	ug/L	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
78-93-3	2-Butanone	OLC02-1-V	ug/L	0 R	0 R	0 R	0 R	0 R	0 R	0 R
74-97-5	Chlorobromomethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1-1-55-6	1,1,1-Trichloroethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	0.4 J
6-23-5	Carbon Tetrachloride	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
5-27-4	Bromodichloromethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
8-87-5	1,2-Dichloropropane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
0061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
9-01-6	Trichloroethene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
24-48-1	Dibromochloromethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
9-00-5	1,1,2-Trichloroethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	0.4 J
1-43-2	Benzene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
0061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
5-25-2	Bromoform	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
08-10-1	4-Methyl-2-pentanone	OLC02-1-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
91-78-6	2-Hexanone	OLC02-1-V	ug/L	0 R	0 R	0 R	0 R	0 R	0 R	0 R
27-18-4	Tetrachloroethene	OLC02-1-V	ug/L	1 U	0.3 J	1 U	1 U	1 U	1 U	1 U
9-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
06-93-4	1,2-Dibromoethane	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
08-88-3	Toluene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
08-90-7	Chlorobenzene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
00-41-4	Ethylbenzene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
00-42-5	Styrene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
330-20-7	Xylenes (total)	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
41-73-1	1,3-Dichlorobenzene	OLC02-1-V	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Water
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SWS-001 B06S0 4/10/2001	SWS-002 B06S2 4/10/2001	SWS-003 B06S4 4/10/2001	SWS-005 B06S8 4/11/2001	SWS-006 B06T0 4/11/2001	SWS-007 B06S6 4/11/2001	SWS-008 B06T4 4/23/2001
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	ug/L	1	U	1	U	1	U	1	U
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	ug/L	1	U	1	U	1	U	1	U
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	ug/L	0	R	0	R	0	R	0	R
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	ug/L	1	U	1	U	1	U	1	U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Water
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code	Analytic Method	Sample Name	SWS-008-DUP	SWS-009	SWS-010	SWS-011	SWS-012
(Group Code)	(Group Description)	Sample Date	Unit \\\	Sample Date	B06W7	B06T6	B06T8	B06W0	B06W2
1-LCV	Low Concentration Voas			4/23/2001		4/23/2001	4/24/2001	4/26/2001	4/24/2001
74-87-3	Chloromethane	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
74-83-9	Bromomethane	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl Chloride	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/L	OLC02-1-V	2 U	2 U	2 U	2 U	2 U	2 U
75-09-2	Methylene Chloride	ug/L	OLC02-1-V	0 R	0 R	0 R	0 R	0 R	0 R
67-64-1	Acetone	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
75-15-0	Carbon Disulfide	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
156-59-2	cis-1,2-Dichloroethene	ug/L	OLC02-1-V	0.4 J	0.4 J	0.4 J	0.4 J	0.4 J	0.4 J
156-60-5	trans-1,2-Dichloroethene	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
67-66-3	Chloroform	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
78-93-3	2-Butanone	ug/L	OLC02-1-V	0 R	0 R	0 R	0 R	0 R	0 R
74-97-5	Chlorobromomethane	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
71-55-6	1,1,1-Trichloroethane	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
56-23-5	Carbon Tetrachloride	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethene	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
124-48-1	Dibromochloromethane	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
71-43-2	Benzene	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
108-10-1	4-Methyl-2-pentanone	ug/L	OLC02-1-V	5 U	5 U	5 U	5 U	5 U	5 U
591-78-6	2-Hexanone	ug/L	OLC02-1-V	0 R	0 R	0 R	0 R	0 R	0 R
127-18-4	Tetrachloroethene	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
106-93-4	1,2-Dibromoethane	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
100-42-5	Styrene	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (total)	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	ug/L	OLC02-1-V	1 U	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Water
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	SWS-008-DUP B06W7 4/23/2001	SWS-009 B06T6 4/23/2001	SWS-010 B06T8 4/24/2001	SWS-011 B06W0 4/26/2001	SWS-012 B06W2 4/24/2001
106-46-7	1,4-Dichlorobenzene	OLC02-1-V		ug/L	1 U	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC02-1-V		ug/L	1 U	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V		ug/L	0 R	0 R	0 R	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V		ug/L	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Water
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SWS-001 B06S0 4/10/2001	SWS-002 B06S2 4/10/2001	SWS-003 B06S4 4/10/2001	SWS-005 B06S8 4/11/2001	SWS-006 B06T0 4/11/2001	SWS-007 B06S6 4/11/2001
(Group Code)	(Group Description)								
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2								
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
108-95-2	Phenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10 UJ	10 UJ	10 UJ	10 U	10 U	10 UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	0 R	0 R	0 R	10 UJ	10 UJ	10 UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
78-59-1	Isophorone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10 U	10 UJ	10 U	10 U	10 U	10 UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10 U	10 UJ	10 U	10 U	10 U	10 UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 UJ	25 UJ	25 UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Water
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Unit \	Sample Code Sample Name Sample Date	SWS-001 B06S0 4/10/2001	SWS-002 B06S2 4/10/2001	SWS-003 B06S4 4/10/2001	SWS-005 B06S8 4/11/2001	SWS-006 B06T0 4/11/2001	SWS-007 B06S6 4/11/2001
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2									
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U	25 U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Water
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit	SWS-008 B06T4 4/23/2001	SWS-008-DUP B06W7 4/23/2001	SWS-009 B06T6 4/23/2001	SWS-010 B06T8 4/24/2001	SWS-011 B06W0 4/26/2001	SWS-012 B06W2 4/24/2001
(Group Code)	(Group Description)									
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2									
100-52-7	Benzaldehyde	ug/l	OLM04-2-SV		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
108-95-2	Phenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/l	OLM04-2-SV		25 U	25 U	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/l	OLM04-2-SV		25 U	25 U	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	ug/l	OLM04-2-SV		25 U	25 U	25 U	25 U	25 U	25 U
83-32-9	Acenaphthene	ug/l	OLM04-2-SV		10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Water
Semi-Volatile Organic Compounds

9/23/2003
Page 4 of 4

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SWS-008 B06T4 4/23/2001	SWS-008-DUP B06W7 4/23/2001	SWS-009 B06T6 4/23/2001	SWS-010 B06T8 4/24/2001	SWS-011 B06W0 4/26/2001	SWS-012 B06W2 4/24/2001
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	0.5 J	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	3 J	10 U	10 U	10 U	10 U	10 U
86-74-8	Anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l	3 J	10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	2 J	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l	3 J	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	1 J	10 U	10 U	1 J	10 U	10 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	2 J	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	2 J	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	2 J	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	1 J	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	1 J	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Water
Pesticides/PCBs

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	SWS-001 B06S0 4/10/2001	SWS-002 B06S2 4/10/2001	SWS-003 B06S4 4/10/2001	SWS-005 B06S8 4/11/2001	SWS-006 B06T0 4/11/2001	SWS-007 B06S6 4/11/2001	SWS-008 B06T4 4/23/2001
(Group Code)	(Group Description)										
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2										
319-84-6	alpha-BHC		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	10 U
319-85-7	beta-BHC		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.01 U
319-86-8	delta-BHC		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.01 U
58-89-9	gamma-BHC (Lindane)		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.01 U
76-44-8	Heptachlor		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.013 U
309-00-2	Aldrin		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.022 U
1024-57-3	Heptachlor epoxide		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.023 U
959-98-8	Endosulfan I		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.01 U
60-57-1	Dieldrin		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.017 U
72-55-9	4,4'-DDE		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.018 U
72-20-8	Endrin		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.017 U
33213-65-9	Endosulfan II		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.017 U
72-54-8	4,4'-DDD		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.025 U
50-29-3	4,4'-DDT		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor		OLM04-2-PP	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
53494-70-5	Endrin ketone		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.019 U
5103-71-9	alpha-Chlordane		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene		OLM04-2-PP	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	1.2 U
12674-11-2	Aroclor-1016		OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221		OLM04-2-PP	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232		OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242		OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248		OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254		OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260		OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Water
Pesticides/PCBs

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	SWS-008-DUP B06W7 4/23/2001	SWS-009 B06T6 4/23/2001	SWS-010 B06T8 4/24/2001	SWS-011 B06W0 4/26/2001	SWS-012 B06W2 4/24/2001
(Group Code)	(Group Description)	Unit //						
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2							
319-84-6	alpha-BHC	ug/l	OLM04-2-PP	0.01 U	0.01 U	0.05 UJ	0.01 U	0.05 UJ
319-85-7	beta-BHC	ug/l	OLM04-2-PP	0.01 U	0.01 U	0.05 UJ	0.01 U	0.05 UJ
319-86-8	delta-BHC	ug/l	OLM04-2-PP	0.01 U	0.01 U	0.05 UJ	0.01 U	0.05 UJ
58-89-9	gamma-BHC (Lindane)	ug/l	OLM04-2-PP	0.05 UJ	0.01 U	0.05 UJ	0.01 U	0.05 UJ
76-44-8	Heptachlor	ug/l	OLM04-2-PP	0.013 U	0.013 U	0.05 UJ	0.013 U	0.05 UJ
309-00-2	Aldrin	ug/l	OLM04-2-PP	0.022 U	0.022 U	0.05 UJ	0.022 U	0.05 UJ
1024-57-3	Heptachlor epoxide	ug/l	OLM04-2-PP	0.023 U	0.023 U	0.05 UJ	0.023 U	0.05 UJ
959-98-8	Endosulfan I	ug/l	OLM04-2-PP	0.01 U	0.01 U	0.05 UJ	0.01 U	0.05 UJ
60-57-1	Dieldrin	ug/l	OLM04-2-PP	0.017 U	0.017 U	0.1 UJ	0.017 U	0.1 UJ
72-55-9	4,4'-DDE	ug/l	OLM04-2-PP	0.018 U	0.018 U	0.1 UJ	0.018 U	0.1 UJ
72-20-8	Endrin	ug/l	OLM04-2-PP	0.017 U	0.017 U	0.1 UJ	0.017 U	0.1 UJ
33213-65-9	Endosulfan II	ug/l	OLM04-2-PP	0.017 U	0.017 U	0.1 UJ	0.017 U	0.1 UJ
72-54-8	4,4'-DDD	ug/l	OLM04-2-PP	0.018 U	0.018 U	0.1 UJ	0.018 UJ	0.1 UJ
1031-07-8	Endosulfan sulfate	ug/l	OLM04-2-PP	0.025 U	0.025 U	0.1 UJ	0.025 U	0.1 UJ
50-29-3	4,4'-DDT	ug/l	OLM04-2-PP	0.1 UJ	0.017 U	0.1 UJ	0.017 U	0.1 UJ
72-43-5	Methoxychlor	ug/l	OLM04-2-PP	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
53494-70-5	Endrin ketone	ug/l	OLM04-2-PP	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
7421-93-4	Endrin aldehyde	ug/l	OLM04-2-PP	0.019 U	0.019 U	0.1 UJ	0.019 U	0.1 UJ
5103-71-9	alpha-Chlordane	ug/l	OLM04-2-PP	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ
5103-74-2	gamma-Chlordane	ug/l	OLM04-2-PP	0.05 UJ	0.05 UJ	0.05 UJ	0.014 J	0.05 UJ
8001-35-2	Toxaphene	ug/l	OLM04-2-PP	1.2 U	1.2 U	5 UJ	1.2 U	5 UJ
12674-11-2	Aroclor-1016	ug/l	OLM04-2-PP	1 UJ	1 UJ	1 UJ	1 U	1 UJ
11104-28-2	Aroclor-1221	ug/l	OLM04-2-PP	2 UJ	2 UJ	2 UJ	2 U	2 UJ
11141-16-5	Aroclor-1232	ug/l	OLM04-2-PP	1 UJ	1 UJ	1 UJ	1 U	1 UJ
53469-21-9	Aroclor-1242	ug/l	OLM04-2-PP	1 UJ	1 UJ	1 UJ	1 U	1 UJ
12672-29-6	Aroclor-1248	ug/l	OLM04-2-PP	1 UJ	1 UJ	1 UJ	1 U	1 UJ
11097-69-1	Aroclor-1254	ug/l	OLM04-2-PP	1 UJ	1 UJ	1 UJ	1 U	1 UJ
11096-82-5	Aroclor-1260	ug/l	OLM04-2-PP	1 UJ	1 UJ	1 UJ	1 U	1 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep Surface Water and River Surface Water
Inorganic Compounds

9/23/2003
Page 1 of 2

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Name Sample Date	SWS-001 MB0638 4/10/2001	SWS-002 MB0639 4/10/2001	SWS-003 MB0640 4/10/2001	SWS-005 MB0642 4/11/2001	SWS-006 MB06H2 4/11/2001	SWS-007 MB0641 4/11/2001	SWS-008 MB06H4 4/23/2001
(Group Code)			Unit \\\							
5-Inorg-W	Inorganic Analytes - ILM04.1									
7429-90-5	Aluminum	ILM04-1-M	ug/l	169 B	135 B	88.1 B	85.1 B	72.9 B	115 B	1340 EJ
7440-36-0	Antimony	ILM04-1-M	ug/l	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U
7440-38-2	Arsenic	ILM04-1-M	ug/l	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	5.5 UJ
7440-39-3	Barium	ILM04-1-M	ug/l	17.3 B	46.2 B	3.2 B	10.9 B	8.1 B	0.7 U	27 B
7440-41-7	Beryllium	ILM04-1-M	ug/l	0.35 B	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.1 U
7440-43-9	Cadmium	ILM04-1-M	ug/l	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.4 U
7440-70-2	Calcium	ILM04-1-M	ug/l	51800	17900	7380	12500	19100	11500	25400
7440-47-3	Chromium	ILM04-1-M	ug/l	0.6 U	1.7 B	0.6 B	0.6 U	0.6 U	0.6 U	5.1 B
7440-48-4	Cobalt	ILM04-1-M	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1.1 U
7440-50-8	Copper	ILM04-1-M	ug/l	3.5 B	1.8 B	1 U	1.2 B	1 U	3.7 B	8.3 B
7439-89-6	Iron	ILM04-1-M	ug/l	232	143	44.9 B	31.1 B	84.3 B	85.2 B	1900 NJ
7439-92-1	Lead	ILM04-1-M	ug/l	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	22.3 NJ
7439-95-4	Magnesium	ILM04-1-M	ug/l	136000	9350	7810	7720	29700	34600	11100
7439-96-5	Manganese	ILM04-1-M	ug/l	103 J	6.2 B	5 B	2.7 B	69.2 J	4 B	110 J
7439-97-6	Mercury	ILM04-1-M	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 UJ
7440-02-0	Nickel	ILM04-1-M	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	3.7 B
7440-09-7	Potassium	ILM04-1-M	ug/l	63400 J	2440 B	3310 B	2130 B	9690 J	19000 J	2820 BE
7782-49-2	Selenium	ILM04-1-M	ug/l	2 UJ	2 UJ	2 U	2 UJ	2 UJ	2 UJ	4.8 U
7440-22-4	Silver	ILM04-1-M	ug/l	0.54 B	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 UNJ
7440-23-5	Sodium	ILM04-1-M	ug/l	1350000	24000	55500	34300	231000	381000	26400 EJ
7440-28-0	Thallium	ILM04-1-M	ug/l	3.7 B	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	6.9 U
7440-62-2	Vanadium	ILM04-1-M	ug/l	1 B	1 U	1 U	1 U	1 U	1.4 B	3.9 B
7440-66-6	Zinc	ILM04-1-M	ug/l	7.8 B	2.6 B	3.3 B	4.4 B	2.4 B	5.8 B	44.8
57-12-5	Cyanide	ILM04-1-CN	ug/l	6.7 B	5.8 B	2.3 B	3.8 B	2.3 B	3.7 B	

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep Surface Water and River Surface Water
Inorganic Compounds

Cas Rn	Chemical Name	Sample Code	Analytic Method	Sample Name	Sample Date	Unit \
(Group Code)	(Group Description)	(Group Code)	(Group Description)	(Group Code)	(Group Description)	(Group Description)
5-Inorg-W	Inorganic Analytes - ILM04.1	SWS-008-DUP	MB06J1	4/23/2001	SWS-009	MB06H5
7429-90-5	Aluminum	174 BEJ	79.2 BE	663 EJ	114 BE	467 EJ
7440-36-0	Antimony	10 U	10 U	10 U	10 U	10 U
7440-38-2	Arsenic	17.2 J	5.5 U	5.5 U	5.5 U	5.5 U
7440-39-3	Barium	18 B	4.6 B	2.4 B	2.7 B	7.7 B
7440-41-7	Beryllium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7440-43-9	Cadmium	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
7440-70-2	Calcium	23600	12300	13400	14600	14300
7440-47-3	Chromium	5.4 B	1 U	2 B	1 U	1.4 B
7440-48-4	Cobalt	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
7440-50-8	Copper	11.2 B	16.4 B	6.2 B	5.4 B	10.1 B
7439-89-6	Iron	172 NJ	59.7 BNJ	1110 NJ	47.3 BNJ	911 NJ
7439-92-1	Lead	5.9 NJ	1.5 UN	3.8 NJ	1.5 UN	6.8 NJ
7439-95-4	Magnesium	10200	7020	21000	9010	12100
7439-96-5	Manganese	5.9 BJ	2.6 B	42.3	1.7 B	39.9
7439-97-6	Mercury	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ
7440-02-0	Nickel	2.4 B	1.6 U	1.8 B	1.6 U	2.2 B
7440-09-7	Potassium	1940 BE	1630 BE	10100 EJ	1840 BE	6650 EJ
7782-49-2	Selenium	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U
7440-22-4	Silver	2 UNJ	2 UNJ	2 UNJ	2 UNJ	2 UNJ
7440-23-5	Sodium	25100 EJ	20500 EJ	175000 EJ	22600 EJ	82500 EJ
7440-28-0	Thallium	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U
7440-62-2	Vanadium	1.4 U	1.4 U	1.9 B	1.4 U	2.7 B
7440-66-6	Zinc	38.3	40.1	34.6	27.4	40.3
57-12-5	Cyanide				19.5	

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep Surface Water and River Surface Water
Wet Chemistry

Cas Rn	Chemical Name	Sample Code	SWS-001	SWS-002	SWS-003	SWS-005	SWS-006	SWS-007
(Group Code)	(Group Description)	Sample Name	4/10/2001	4/10/2001	4/10/2001	4/11/2001	4/11/2001	4/11/2001
SWS-Wet	SWS-SWW Samples Wet Chemistry Analysis	Analytic Method	Unit \\\					
pH	pH	MCAWW150-1	7.13 J	8.93 J	7.09 J	6.28 J	6.65 J	7.96 J
TDS	Total Dissolved Solids	MCAWW160-1	4000000	150000	270000	200000	840000	1200000
TSS	Total Suspended Solids	MCAWW160-2	5000 U	23000	5000 U	5000 U	5000 U	5000 U
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	57600 J	32400 J	21800 J	23600 J	18500 J	37700 J
NH3	Nitrogen, ammonia	MCAWW350-2	500 U	500 U	500 U	500 U	500 U	500 U
TKN	Nitrogen, total kjeldahl	MCAWW351-	500 U	720	500 U	560	500 U	500 U
NO3	Nitrate (as N)	MCAWW353-3	1470	3520	260	200	580	750
SO4	Sulfate	MCAWW375-	310000	38800	19600	24800	91300	74700
BOD	Biological oxygen demand	MCAWW405-1	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
CACOA-H	Hardness as CaCO3	SM2340B	717000	93100	71030	76600	210000	198000
CL	Chloride	SM4500-CL	1800000	54000	110000	55000	840000	890000
COD	Chemical oxygendemand	SM5220D	23000	10000 U	10000 U	10000 U	10000 U	10000 U
TOC	Total organic carbon	SW9060	3000 U	3000 U	3000 U	3000 U	3000 U	3000 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep Surface Water and River Surface Water
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \1	SWS-008 4/23/2001	SWS-008-DUP 4/23/2001	SWS-009 4/23/2001	SWS-010 4/24/2001	SWS-011 4/26/2001	SWS-012 4/24/2001
(Group Code)	(Group Description)									
SWS-Wet	SWS-SWW Samples Wet Chemistry Analysis									
pH	pH	MCAWW150-1	S.U.		7.4	7.18	7.54	7.18	7.3 J	7.44
TDS	Total Dissolved Solids	MCAWW160-1	ug/l	190000	120000	120000	120000	160000	130000	230000
TSS	Total Suspended Solids	MCAWW160-2	ug/l	49000	5000	5000	5000	170000	5000	35000
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	ug/l	33300	30300	32500	32500	29400	33500	33300
NH3	Nitrogen, ammonia	MCAWW350-2	ug/l	500 U	500	500	500	500	500	500
TKN	Nitrogen, total kjeldahl	MCAWW351-	ug/l	3000	500	500	500	500	500	720
NO3	Nitrate (as N)	MCAWW353-3	ug/l	360	360	130	130	550	880	
SO4	Sulfate	MCAWW375-	ug/l	14200	27800	16500	16500	23900	19500	23900
BOD	Biological oxygen demand	MCAWW405-1	ug/l	2390	2000	2000	2000	5090	2000	2000
CACOA-H	Hardness as CaCO3	SM2340B	ug/l	88700	83100	54800	54800	69200	99000	99000
CL	Chloride	SM4500-CL	ug/l	32700	35600	28000	28000	38000	26000	86000
COD	Chemical oxygendemand	SM5220D	ug/l	10000 U	10000	10000	10000	10000	10000	10000
TOC	Total organic carbon	SW9060	ug/l	3000 U	3000	3000	3000	3000	3000	3000

Spring/Seep Sediment (SSS) Samples

Surface Water Spring/Seep (SWS) & Sediment (SSS) Samples

DSW-1: Dunton Spring

SWS-1/SSS-1: Stony Brook Harbor

SWS-2/SSS-2: Stony Brook Harbor

SWS-3/SSS-3: Stony Brook Harbor

SSS-4: Stony Brook Harbor

SWS-5/SSS-5: Stony Brook Harbor (Background sample)

SWS-6/SSS-6: Stony Brook Harbor (Background sample)

SWS-7/SSS-7: Stony Brook Harbor

SWS-8/SSS-8: Nissoquogue River

SWS-9/SSS-9: Nissoquogue River

SWS-10/SSS-10: Nissoquogue River

SWS-11/SSS-12: Nissoquogue River

1. Introduction

The purpose of this study is to investigate the effects of various factors on the performance of a system. The factors being studied are: (1) the type of input data, (2) the type of processing algorithm, (3) the type of output data, and (4) the type of hardware used. The results of the study will be presented in a series of tables and graphs. The first table shows the results of the experiments with different input data. The second table shows the results of the experiments with different processing algorithms. The third table shows the results of the experiments with different output data. The fourth table shows the results of the experiments with different hardware. The graphs show the relationship between the factors and the performance of the system. The first graph shows the relationship between the type of input data and the performance of the system. The second graph shows the relationship between the type of processing algorithm and the performance of the system. The third graph shows the relationship between the type of output data and the performance of the system. The fourth graph shows the relationship between the type of hardware and the performance of the system.

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit	SSS-001 B06Q4 4/10/2001	SSS-001-DUP B06R8 4/10/2001	SSS-002 B06Q5 4/9/2001	SSS-003 B06Q6 4/9/2001	SSS-004 B06Q7 4/9/2001	SSS-005 B06Q8 4/11/2001
(Group Code)	(Group Description)									
1-VOA-s	Volatile Organic Compounds - OLM04.2									
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	13 UJ	12 UJ	13 UJ	10 UJ	11 UJ	12 UJ	23 UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
74-83-9	Bromomethane	OLM04-2-V	ug/kg	13 UJ	12 UJ	13 UJ	10 UJ	11 UJ	12 UJ	23 UJ
75-00-3	Chloroethane	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	ug/kg	13 UJ	12 UJ	13 UJ	10 UJ	11 UJ	12 UJ	23 UJ
67-64-1	Acetone	OLM04-2-V	ug/kg	29 U	35 U	29 U	21 U	21 U	38 U	23 UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	10 J	11 J	10 U	10 U	11 U	12 U	23 UJ
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	28 UJ	20 UJ	28 UJ	19 UJ	21 UJ	22 UJ	65 UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
78-93-3	2-Butanone	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
67-56-3	Chloroform	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	13 UJ	12 UJ	13 UJ	10 UJ	11 UJ	12 UJ	23 UJ
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	13 UJ	12 UJ	13 UJ	10 UJ	11 UJ	12 UJ	23 UJ
71-43-2	Benzene	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
108-87-2	Methylcyclohexane	OLM04-2-V	ug/kg	13 UJ	12 UJ	13 UJ	10 UJ	11 UJ	12 UJ	23 UJ
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	13 U	12 U	13 U	10 U	11 U	12 U	23 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	SSS-001 B06Q4 4/10/2001	SSS-001-DUP B06R8 4/10/2001	SSS-002 B06Q5 4/9/2001	SSS-003 B06Q6 4/9/2001	SSS-004 B06Q7 4/9/2001	SSS-005 B06Q8 4/11/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg		12 U	13 U	10 U	11 U	12 U	23 U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg		12 U	13 U	10 U	11 U	12 U	23 U
100-42-5	Styrene	OLM04-2-V	ug/kg		12 U	13 U	10 U	11 U	12 U	23 U
75-25-2	Bromoform	OLM04-2-V	ug/kg		12 U	13 U	10 U	11 U	12 U	23 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg		12 U	13 U	10 U	11 U	12 U	23 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg		12 U	13 U	10 U	11 U	12 U	23 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg		12 U	13 U	10 U	11 U	12 U	23 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg		12 U	13 U	10 U	11 U	12 U	23 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg		12 U	13 U	10 U	11 U	12 U	23 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg		12 U	13 U	10 U	11 U	12 U	23 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg		12 U	13 U	10 U	11 U	12 U	23 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Volatile Organic Compounds

9/23/2003
Page 3 of 6

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SSS-006 B06Q9 4/11/2001	SSS-007 B06R0 4/12/2001	SSS-008 B06R1 4/23/2001	SSS-009 B06R2 4/23/2001	SSS-010 B06R3 4/24/2001	SSS-011 B06R4 4/26/2001
(Group Code)	(Group Description)								
1-VOA-s	Volatile Organic Compounds - OLM04.2								
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	11 UJ	13 UJ	13 U	12 U	13 U	35 UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
74-83-9	Bromomethane	OLM04-2-V	ug/kg	11 UJ	13 UJ	13 U	12 U	13 U	35 UJ
75-00-3	Chloroethane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
67-64-1	Acetone	OLM04-2-V	ug/kg	35 UJ	17 UJ	13 UJ	12 UJ	13 UJ	10 J
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	52 UJ	52 UJ	13 U	12 U	14 U	35 UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
78-93-3	2-Butanone	OLM04-2-V	ug/kg	11 UJ	13 UJ	13 UJ	12 UJ	13 UJ	35 UJ
67-66-3	Chloroform	OLM04-2-V	ug/kg	11 U	13 U	1 J	12 U	13 U	35 UJ
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	11 U	13 U	2 J	12 U	13 U	35 UJ
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
71-43-2	Benzene	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
108-87-2	Methylcyclohexane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	11 U	13 U	13 U	12 U	13 U	35 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SSS-006 B06Q9 4/11/2001	SSS-007 B06R0 4/12/2001	SSS-008 B06R1 4/23/2001	SSS-009 B06R2 4/23/2001	SSS-010 B06R3 4/24/2001	SSS-011 B06R4 4/26/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	11 U	13 U	13 U	13 U	12 U	13 U	35 U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	11 U	13 U	13 U	13 U	12 U	13 U	35 U
100-42-5	Styrene	OLM04-2-V	ug/kg	11 U	13 U	13 U	13 U	12 U	13 U	35 U
75-25-2	Bromoform	OLM04-2-V	ug/kg	11 U	13 U	13 U	13 U	12 U	13 U	35 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	11 U	13 U	13 U	13 U	12 U	13 U	35 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	11 U	13 U	13 U	13 U	12 U	13 U	35 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	11 U	13 U	13 U	13 U	12 U	13 U	35 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	11 U	13 U	13 U	13 U	12 U	13 U	35 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	11 U	13 U	13 U	13 U	12 U	13 U	35 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	11 U	13 U	13 U	13 U	12 U	13 U	35 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	11 U	13 U	13 U	13 U	12 U	13 U	35 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Volatile Organic Compounds

Gas Rn	Chemical Name	Sample Code	SSS-012
(Group Code)	(Group Description)	Sample Name	B06R5
		Sample Date	4/24/2001
		Analytic Method	Unit \\\
1-VOA-s	Volatile Organic Compounds - OLM04.2		
75-71-8	Dichlorodifluoromethane	OLM04-2-V	12 U
74-87-3	Chloromethane	OLM04-2-V	12 U
75-01-4	Vinyl Chloride	OLM04-2-V	12 U
74-83-9	Bromomethane	OLM04-2-V	12 U
75-00-3	Chloroethane	OLM04-2-V	12 U
75-69-4	Trichlorofluoromethane	OLM04-2-V	12 U
75-35-4	1,1-Dichloroethene	OLM04-2-V	12 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	12 U
67-64-1	Acetone	OLM04-2-V	12 U
75-15-0	Carbon Disulfide	OLM04-2-V	12 U
79-20-9	Methyl Acetate	OLM04-2-V	12 U
75-09-2	Methylene Chloride	OLM04-2-V	12 U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	12 U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	12 U
75-34-3	1,1-Dichloroethane	OLM04-2-V	12 U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	12 U
78-93-3	2-Butanone	OLM04-2-V	12 U
67-66-3	Chloroform	OLM04-2-V	12 U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	12 U
110-82-7	Cyclohexane	OLM04-2-V	12 U
56-23-5	Carbon Tetrachloride	OLM04-2-V	12 U
71-43-2	Benzene	OLM04-2-V	12 U
107-06-2	1,2-Dichloroethane	OLM04-2-V	12 U
79-01-6	Trichloroethene	OLM04-2-V	12 U
108-87-2	Methylcyclohexane	OLM04-2-V	12 U
78-87-5	1,2-Dichloropropane	OLM04-2-V	12 U
75-27-4	Bromodichloromethane	OLM04-2-V	12 U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	12 U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	12 U
108-88-3	Toluene	OLM04-2-V	12 U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	12 U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	12 U
127-18-4	Tetrachloroethene	OLM04-2-V	12 U
591-78-6	2-Hexanone	OLM04-2-V	12 U
124-48-1	Dibromochloromethane	OLM04-2-V	12 U
106-93-4	1,2-Dibromoethane	OLM04-2-V	12 U
108-90-7	Chlorobenzene	OLM04-2-V	12 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SSS-012 B06R5 4/24/2001
100-41-4	Ethylbenzene	OLM04-2-V		ug/kg	12 U
1330-20-7	Xylenes (total)	OLM04-2-V		ug/kg	12 U
100-42-5	Styrene	OLM04-2-V		ug/kg	12 U
75-25-2	Bromoforn	OLM04-2-V		ug/kg	12 U
98-82-8	Isopropylbenzene	OLM04-2-V		ug/kg	12 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V		ug/kg	12 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V		ug/kg	12 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V		ug/kg	12 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V		ug/kg	12 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V		ug/kg	12 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V		ug/kg	12 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Semi-Volatile Organic Compounds

Gas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	SSS-001 B06Q4 4/10/2001	SSS-001-DUP B06R8 4/10/2001	SSS-002 B06Q5 4/9/2001	SSS-003 B06Q6 4/9/2001	SSS-004 B06Q7 4/9/2001	SSS-005 B06Q8 4/11/2001
(Group Code)	(Group Description)									
2-SV-1-s	Semi-Volatile Organics -page 1 - OLM04.2									
100-52-7	Benzaldehyde		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	120 J	6600 UJ
108-95-2	Phenol		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
111-44-4	bis(2-Chloroethyl)ether		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
95-57-8	2-Chlorophenol		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
95-48-7	2-Methylphenol		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
98-86-2	Acetophenone		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
106-44-5	4-Methylphenol		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
621-64-7	N-Nitroso-di-n-propylamine		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
67-72-1	Hexachloroethane		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
98-95-3	Nitrobenzene		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
78-59-1	Isophorone		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
88-75-5	2-Nitrophenol		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
105-67-9	2,4-Dimethylphenol		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
111-91-1	bis(2-Chloroethoxy)methane		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
120-83-2	2,4-Dichlorophenol		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
91-20-3	Naphthalene		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
106-47-8	4-Chloroaniline		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
87-68-3	Hexachlorobutadiene		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
105-60-2	Caprolactam		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
59-50-7	4-Chloro-3-methylphenol		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
91-57-6	2-Methylnaphthalene		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
77-47-4	Hexachlorocyclopentadiene		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
88-06-2	2,4,6-Trichlorophenol		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
95-95-4	2,4,5-Trichlorophenol		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
92-52-4	1,1'-Biphenyl		OLM04-2-SV	ug/kg	1100 UJ	1100 UJ	1000 UJ	1100 UJ	1100 UJ	16000 UJ
91-58-7	2-Chloronaphthalene		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
88-74-4	2-Nitroaniline		OLM04-2-SV	ug/kg	1100 UJ	1100 UJ	1000 UJ	1100 UJ	1100 UJ	16000 UJ
131-11-3	Dimethylphthalate		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
606-20-2	2,6-Dinitrotoluene		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
208-96-8	Acenaphthylene		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
99-09-2	3-Nitroaniline		OLM04-2-SV	ug/kg	1100 UJ	1100 UJ	1000 UJ	1100 UJ	1100 UJ	16000 UJ
83-32-9	Acenaphthene		OLM04-2-SV	ug/kg	430 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SSS-001 B06Q4 4/10/2001	SSS-001-DUP B06R8 4/10/2001	SSS-002 B06Q5 4/9/2001	SSS-003 B06Q6 4/9/2001	SSS-004 B06Q7 4/9/2001	SSS-005 B06Q8 4/11/2001
Semi-Volatile Organics -page 2 - OLM04.2										
3-SV-2-s										
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1100 UJ	1100 UJ	1100 UJ	1000 UJ	1100 UJ	1100 UJ	16000 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1100 UJ	1100 UJ	1100 UJ	1000 UJ	1100 UJ	1100 UJ	16000 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1100 UJ	1100 UJ	1100 UJ	1000 UJ	1100 UJ	1100 UJ	16000 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1100 UJ	1100 UJ	1100 UJ	1000 UJ	1100 UJ	1100 UJ	16000 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	1100 UJ	1100 UJ	1100 UJ	1000 UJ	1100 UJ	1100 UJ	16000 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	48 J	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	69 J	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	51 J	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	430 UJ	440 UJ	440 UJ	400 UJ	420 UJ	420 UJ	6600 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Semi-Volatile Organic Compounds

Gas Rn	Group Code	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SSS-006 B06Q9 4/11/2001	SSS-007 B06R0 4/12/2001	SSS-008 B06R1 4/23/2001	SSS-009 B06R2 4/23/2001	SSS-010 B06R3 4/24/2001	SSS-011 B06R4 4/26/2001
		Semi-Volatile Organics -page 1 - OLM04.2								
00-52-7	00-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	470 UJ	440 UJ	410 UJ	400 UJ	380 UJ	1800 UJ
08-95-2	08-95-2	Phenol	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
11-44-4	11-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
05-57-8	05-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
05-48-7	05-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
08-60-1	08-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
08-86-2	08-86-2	Acetophenone	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
06-44-5	06-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
21-64-7	21-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
77-72-1	77-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
08-95-3	08-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
8-59-1	8-59-1	Isophorone	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
08-75-5	08-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
05-67-9	05-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
11-91-1	11-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
20-83-2	20-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
11-20-3	11-20-3	Naphthalene	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	180 J
06-47-8	06-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
17-68-3	17-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
05-60-2	05-60-2	Caprolactam	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
09-50-7	09-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
11-57-6	11-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
7-47-4	7-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	160 J
08-06-2	08-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
05-95-4	05-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1200 UJ	1100 U	1000 U	1000 U	950 U	4600 UJ
12-52-4	12-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
11-58-7	11-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
08-74-4	08-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	1200 UJ	1100 U	1000 U	1000 U	950 U	4600 UJ
31-11-3	31-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
06-20-2	06-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
08-96-8	08-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	200 J
09-09-2	09-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	1200 UJ	1100 U	1000 U	1000 U	950 U	4600 UJ
3-32-9	3-32-9	Acenaphthene	OLM04-2-SV	ug/kg	470 UJ	440 U	100 J	400 U	380 U	1800 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Semi-Volatile Organic Compounds

9/23/2003
Page 4 of 6

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SSS-006 B06Q9 4/11/2001	SSS-007 B06R0 4/12/2001	SSS-008 B06R1 4/23/2001	SSS-009 B06R2 4/23/2001	SSS-010 B06R3 4/24/2001	SSS-011 B06R4 4/26/2001
3-SV-2-s	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1200 UJ	1100 U	1000 U	1000 U	950 U	4600 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1200 UJ	1100 U	1000 U	1000 U	950 U	4600 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	470 UJ	440 U	53 J	400 U	380 U	1800 UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	470 UJ	440 U	130 J	400 U	380 U	120 J
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1200 UJ	1100 U	1000 U	1000 U	950 U	4600 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1200 UJ	1100 U	1000 U	1000 U	950 U	4600 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	470 UJ	440 UJ	410 U	400 U	380 U	1800 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1200 UJ	1100 U	1000 U	1000 U	950 U	4600 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	470 UJ	440 U	1200 J	400 U	380 U	340 J
120-12-7	Anthracene	OLM04-2-SV	ug/kg	470 UJ	440 U	240 J	400 U	380 U	220 J
86-74-8	Carbazole	OLM04-2-SV	ug/kg	470 UJ	440 U	110 J	400 U	380 U	1800 UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	470 UJ	440 U	50 J	400 U	380 U	1800 UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	470 UJ	440 U	1900 J	400 U	380 U	370 J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	470 UJ	440 U	1700 J	400 U	380 U	350 J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	470 UJ	440 U	410 UJ	400 UJ	380 UJ	1800 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	470 UJ	440 U	810 J	400 U	380 U	210 J
218-01-9	Chrysene	OLM04-2-SV	ug/kg	470 UJ	440 U	860 J	400 U	380 U	190 J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	470 UJ	1600 J	74 J	400 U	380 U	1800 UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	470 UJ	440 U	410 U	400 U	380 U	1800 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	470 UJ	440 U	600 J	400 U	380 U	130 J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	470 UJ	440 U	750 J	400 U	380 U	130 J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	470 UJ	440 U	740 J	400 U	380 U	150 J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	470 UJ	440 U	480 J	400 U	380 U	100 J
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	470 UJ	440 U	200 J	400 U	380 U	1800 UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	470 UJ	440 U	600 J	400 U	380 U	100 J

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SSS-012 B06R5 4/24/2001
(Group Code)	(Group Description)			
2-SV-1-s	Semi-Volatile Organics -page 1 - OLM04.2			
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	420 U
108-95-2	Phenol	OLM04-2-SV	ug/kg	420 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	420 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	420 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	420 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	420 U
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	420 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	84 J
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	420 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	420 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	420 U
78-59-1	Isophorone	OLM04-2-SV	ug/kg	420 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	420 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	420 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	420 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	420 U
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	21 J
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	420 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	420 U
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	420 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	420 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	420 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	420 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	420 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1000 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	420 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	420 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	1000 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	420 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	420 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	420 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	1000 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	420 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Semi-Volatile Organic Compounds

9/23/2003
Page 6 of 6

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \	SSS-012 B06R5 4/24/2001
3-SV-2-s	Semi-Volatile Organics -page 2 - OLM04.2			
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1000 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1000 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	420 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	420 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	420 U
86-73-7	Fluorene	OLM04-2-SV	ug/kg	420 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	420 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1000 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1000 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	420 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	420 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	420 U
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	420 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1000 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	31 J
120-12-7	Anthracene	OLM04-2-SV	ug/kg	420 U
86-74-8	Carbazole	OLM04-2-SV	ug/kg	420 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	37 J
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	65 J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	65 J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	420 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	420 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	33 J
218-01-9	Chrysene	OLM04-2-SV	ug/kg	47 J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	51 J
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	420 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	60 J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	420 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	32 J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	420 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	420 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	26 J

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Pesticides/PCBs

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SSS-001 B06Q4 4/10/2001	SSS-001-DUP B06R8 4/10/2001	SSS-002 B06Q5 4/9/2001	SSS-003 B06Q6 4/9/2001	SSS-004 B06Q7 4/9/2001	SSS-005 B06Q8 4/11/2001
(Group Code)	(Group Description)									
4-P/PCBs-s	Pesticide/PCB Organics - OLM04.2									
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	2.2 UJ	2.3 UJ	2 UJ	2.2 UJ	2.2 UJ	2.2 UJ	3.4 UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	2.2 UJ	2.3 UJ	2 UJ	2.2 UJ	2.2 UJ	2.2 UJ	3.4 UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	2.2 UJ	2.3 UJ	2 UJ	2.2 UJ	2.2 UJ	2.2 UJ	3.4 UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	2.2 UJ	2.3 UJ	2 UJ	2.2 UJ	2.2 UJ	2.2 UJ	3.4 UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	2.2 UJ	2.3 UJ	2 UJ	2.2 UJ	2.2 UJ	2.2 UJ	3.4 UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	2.2 UJ	2.3 UJ	2 UJ	2.2 UJ	2.2 UJ	2.2 UJ	3.4 UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	2.2 UJ	2.3 UJ	2 UJ	2.2 UJ	2.2 UJ	2.2 UJ	3.4 UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	2.2 UJ	2.3 UJ	2 UJ	2.2 UJ	2.2 UJ	2.2 UJ	3.4 UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	4.3 UJ	4.5 UJ	4 UJ	4.2 UJ	4.2 UJ	4.2 UJ	6.6 UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	4.3 UJ	4.5 UJ	4 UJ	4.2 UJ	4.2 UJ	4.2 UJ	7.3 J
72-20-8	Endrin	OLM04-2-PP	ug/kg	4.3 UJ	4.5 UJ	4 UJ	4.2 UJ	4.2 UJ	4.2 UJ	6.6 UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	4.3 UJ	4.5 UJ	4 UJ	4.2 UJ	4.2 UJ	4.2 UJ	6.6 UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	4.3 UJ	4.5 UJ	4 UJ	4.2 UJ	4.2 UJ	4.2 UJ	6.6 UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	4.3 UJ	4.5 UJ	4 UJ	4.2 UJ	4.2 UJ	4.2 UJ	6.6 UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	4.3 UJ	4.5 UJ	4 UJ	4.2 UJ	4.2 UJ	4.2 UJ	12 J
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	22 UJ	23 UJ	20 UJ	22 UJ	22 UJ	22 UJ	34 UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	4.3 UJ	4.5 UJ	4 UJ	4.2 UJ	4.2 UJ	4.2 UJ	6.6 UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	4.3 UJ	4.5 UJ	4 UJ	4.2 UJ	4.2 UJ	4.2 UJ	6.6 UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	2.2 UJ	2.3 UJ	2 UJ	2.2 UJ	2.2 UJ	2.2 UJ	7.6 J
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	2.2 UJ	2.3 UJ	2 UJ	2.2 UJ	2.2 UJ	2.2 UJ	5.8 J
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	220 UJ	230 UJ	200 UJ	220 UJ	220 UJ	220 UJ	340 UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	43 UJ	45 UJ	40 UJ	42 UJ	42 UJ	42 UJ	66 UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	88 UJ	91 UJ	80 UJ	85 UJ	86 UJ	86 UJ	130 UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	43 UJ	45 UJ	40 UJ	42 UJ	42 UJ	42 UJ	66 UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	43 UJ	45 UJ	40 UJ	42 UJ	42 UJ	42 UJ	66 UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	43 UJ	45 UJ	40 UJ	42 UJ	42 UJ	42 UJ	66 UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	43 UJ	45 UJ	40 UJ	42 UJ	42 UJ	42 UJ	66 UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	43 UJ	45 UJ	40 UJ	42 UJ	42 UJ	42 UJ	66 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Pesticides/PCBs

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit	SSS-006 B06Q9 4/11/2001	SSS-007 B06R0 4/12/2001	SSS-008 B06R1 4/23/2001	SSS-009 B06R2 4/23/2001	SSS-010 B06R3 4/24/2001	SSS-011 B06R4 4/26/2001
(Group Code) 4-P/PCBs-s	(Group Description) Pesticide/PCB Organics - OLM04.2									
319-84-6	alpha-BHC		OLM04-2-PP	ug/kg	2.4 UJ	2.3 U	2.1 UJ	2.1 UJ	1.9 UJ	4.7 UJ
319-85-7	beta-BHC		OLM04-2-PP	ug/kg	2.4 UJ	2.3 U	2.1 UJ	2.1 UJ	1.9 UJ	4.7 UJ
319-86-8	delta-BHC		OLM04-2-PP	ug/kg	2.4 UJ	2.3 U	2.1 UJ	2.1 UJ	1.9 UJ	4.7 UJ
58-89-9	gamma-BHC (Lindane)		OLM04-2-PP	ug/kg	2.4 UJ	2.3 U	2.5 UJ	2.1 UJ	1.9 UJ	4.7 UJ
76-44-8	Heptachlor		OLM04-2-PP	ug/kg	2.4 UJ	2.3 U	2.1 UJ	2.1 UJ	1.9 UJ	8.4 J
309-00-2	Aldrin		OLM04-2-PP	ug/kg	2.4 UJ	2.3 U	2.1 UJ	2.1 UJ	1.9 UJ	4.7 UJ
1024-57-3	Heptachlor epoxide		OLM04-2-PP	ug/kg	2.4 UJ	2.3 U	2.1 UJ	2.1 UJ	1.9 UJ	4.7 UJ
959-98-8	Endosulfan I		OLM04-2-PP	ug/kg	2.4 UJ	2.3 U	2.1 UJ	2.1 UJ	1.9 UJ	4.7 UJ
60-57-1	Dieldrin		OLM04-2-PP	ug/kg	4.7 UJ	4.4 U	4.2 UJ	4 UJ	3.8 UJ	9.1 UJ
72-55-9	4,4'-DDE		OLM04-2-PP	ug/kg	4.7 UJ	4.4 U	1.2 J	4 UJ	3.8 UJ	9.1 UJ
72-20-8	Endrin		OLM04-2-PP	ug/kg	4.7 UJ	4.4 U	4.1 UJ	4 UJ	3.8 UJ	9.1 UJ
33213-65-9	Endosulfan II		OLM04-2-PP	ug/kg	4.7 UJ	4.4 U	4.1 UJ	4 UJ	3.8 UJ	9.1 UJ
72-54-8	4,4'-DDD		OLM04-2-PP	ug/kg	4.7 UJ	4.4 U	1.3 J	4 UJ	3.8 UJ	9.1 UJ
1031-07-8	Endosulfan sulfate		OLM04-2-PP	ug/kg	4.7 UJ	4.4 U	4.1 UJ	4 UJ	3.8 UJ	9.1 UJ
50-29-3	4,4'-DDT		OLM04-2-PP	ug/kg	4.7 UJ	4.4 U	3.2 J	4 UJ	3.8 UJ	9.1 UJ
72-43-5	Methoxychlor		OLM04-2-PP	ug/kg	24 UJ	23 U	21 UJ	21 UJ	19 UJ	47 UJ
53494-70-5	Endrin ketone		OLM04-2-PP	ug/kg	4.7 UJ	4.4 U	4.1 UJ	4 UJ	3.8 UJ	9.1 UJ
7421-93-4	Endrin aldehyde		OLM04-2-PP	ug/kg	4.7 UJ	4.4 U	4.1 UJ	4 UJ	3.8 UJ	9.1 UJ
5103-71-9	alpha-Chlordane		OLM04-2-PP	ug/kg	2.4 UJ	2.3 U	5.1 NJ	2.1 UJ	1.9 UJ	4.7 UJ
5103-74-2	gamma-Chlordane		OLM04-2-PP	ug/kg	2.4 UJ	2.3 U	6.5 J	2.1 UJ	1.9 UJ	5 NJ
8001-35-2	Toxaphene		OLM04-2-PP	ug/kg	240 UJ	230 U	210 UJ	210 UJ	190 UJ	470 UJ
12674-11-2	Aroclor-1016		OLM04-2-PP	ug/kg	47 UJ	44 U	41 UJ	40 UJ	38 UJ	91 UJ
11104-28-2	Aroclor-1221		OLM04-2-PP	ug/kg	95 UJ	89 U	84 UJ	81 UJ	77 UJ	180 UJ
11141-16-5	Aroclor-1232		OLM04-2-PP	ug/kg	47 UJ	44 U	41 UJ	40 UJ	38 UJ	91 UJ
53469-21-9	Aroclor-1242		OLM04-2-PP	ug/kg	47 UJ	44 U	41 UJ	40 UJ	38 UJ	91 UJ
12672-29-6	Aroclor-1248		OLM04-2-PP	ug/kg	47 UJ	44 U	41 UJ	40 UJ	38 UJ	91 UJ
11097-69-1	Aroclor-1254		OLM04-2-PP	ug/kg	47 UJ	44 U	41 UJ	40 UJ	38 UJ	91 UJ
11096-82-5	Aroclor-1260		OLM04-2-PP	ug/kg	47 UJ	44 U	41 UJ	40 UJ	38 UJ	91 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep and River Surface Sediment
Pesticides/PCBs

9/23/2003
Page 3 of 3

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	SSS-012 B06R5 4/24/2001
(Group Code)	(Group Description)				
4-P/PCBs-s	Pesticide/PCB Organics - OLM04.2				
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	2.1	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	2.1	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	2.1	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	2.1	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	2.1	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	2.1	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	2.1	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	2.1	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	4.1	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	4.1	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	4.1	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	4.1	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	4.1	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	4.1	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	4.1	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	21	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	4.1	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	4.1	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	2.1	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	2.1	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	210	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	41	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	84	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	41	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	41	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	41	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	41	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	41	UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep Surface Sediment
Inorganic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SSS-001 MB0623 4/10/2001	SSS-001-DUP MB0637 4/10/2001	SSS-002 MB0624 4/9/2001	SSS-003 MB0625 4/9/2001	SSS-004 MB0626 4/9/2001	SSS-005 MB0627 4/11/2001	SSS-006 MB0628 4/11/2001
5-Inorg-s	Inorganic Analytes - ILM04.1										
7429-90-5	Aluminum	ILM04-1-M		mg/kg	2710 J	591 J	1130	807	808	1710 J	1450
7440-36-0	Antimony	ILM04-1-M		mg/kg	0.64 U	0.66 U	0.62 U	0.6 U	0.63 U	1.1 UJ	0.63 U
7440-38-2	Arsenic	ILM04-1-M		mg/kg	0.67 U	0.68 U	1.5 B	0.77 B	1.1 B	1.5 BJ	0.65 U
7440-39-3	Barium	ILM04-1-M		mg/kg	1.8 B	1.4 B	2.7 B	3.2 B	1.5 B	8.4 BJ	5.7 B
7440-41-7	Beryllium	ILM04-1-M		mg/kg	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U	0.13 UJ	0.08 U
7440-43-9	Cadmium	ILM04-1-M		mg/kg	0.15 U	0.16 U	0.15 B	0.14 U	0.15 U	0.26 UJ	0.15 U
7440-70-2	Calcium	ILM04-1-M		mg/kg	801 B	175 B	197 B	182 B	211 B	1550 BJ	257 B
7440-47-3	Chromium	ILM04-1-M		mg/kg	2.7	1.7 B	3.8	3.3	2.3 B	6.8 J	5.4
7440-48-4	Cobalt	ILM04-1-M		mg/kg	0.83 B	0.32 B	1.7 B	0.81 B	0.59 B	2.1 BJ	2.1 B
7440-50-8	Copper	ILM04-1-M		mg/kg	2.3 B	2 B	3.3 B	2.6 B	1.9 B	16.2 J	5 B
7439-89-6	Iron	ILM04-1-M		mg/kg	1540	1370	4010	2730	2030	4370 J	3730
7439-92-1	Lead	ILM04-1-M		mg/kg	3.9	3	39.2	11.3	11.3	12.8 J	8
7439-95-4	Magnesium	ILM04-1-M		mg/kg	214 B	263 B	357 B	239 B	562 B	983 BJ	632 B
7439-96-5	Manganese	ILM04-1-M		mg/kg	25.3	29.6	74.5	42.6	45.2	164 J	130
7439-97-6	Mercury	ILM04-1-M		mg/kg	0.06 U	0.07 U	0.06 U	0.06 U	0.06 U	0.11 UJ	0.06 U
7440-02-0	Nickel	ILM04-1-M		mg/kg	6.3 B	0.9 B	2.3 B	2 B	1.6 B	4.1 BJ	2.6 B
7440-09-7	Potassium	ILM04-1-M		mg/kg	157 B	166 B	166 B	150 B	214 B	326 BJ	324 B
7782-49-2	Selenium	ILM04-1-M		mg/kg	0.52 U	0.52 U	0.5 U	0.48 U	0.51 U	0.87 UJ	0.5 U
7440-22-4	Silver	ILM04-1-M		mg/kg	0.13 U	0.13 U	0.23 B	0.12 U	0.13 U	0.37 BJ	0.13 U
7440-23-5	Sodium	ILM04-1-M		mg/kg	622 BJ	662 BJ	694 BJ	201 BJ	1290 J	265 BJ	196 BJ
7440-28-0	Thallium	ILM04-1-M		mg/kg	0.88 U	0.89 U	0.85 U	0.82 U	0.86 U	1.5 UJ	0.85 U
7440-62-2	Vanadium	ILM04-1-M		mg/kg	2 B	2.2 B	4.8 B	3.2 B	3.7 B	10.4 BJ	4.6 B
7440-66-6	Zinc	ILM04-1-M		mg/kg	7.8	5.3	7.6	7.9	7.3	17.7 J	9.1
57-12-5	Cyanide	ILM04-1-CN		mg/kg	0.07 UJ	0.07 UJ	0.07 UJ	0.14 BJ	0.09 BJ	0.12 UJ	0.2 BJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep Surface Sediment
Inorganic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit	SSS-007 MB0629 4/12/2001	SSS-008 MB0630 4/23/2001	SSS-009 MB0631 4/23/2001	SSS-010 MB0632 4/24/2001	SSS-011 MB0633 4/26/2001	SSS-012 MB0634 4/24/2001
(Group Code)	(Group Description)									
5-Inorg-s	Inorganic Analytes - ILM04.1									
7429-90-5	Aluminum		ILM04-1-M	mg/kg	916	1880 *	2050 *	1830 *	2930 *	1340 *
7440-36-0	Antimony		ILM04-1-M	mg/kg	0.65 U	3 U	2.5 U	2.4 U	3.3 U	2.5 U
7440-38-2	Arsenic		ILM04-1-M	mg/kg	0.79 B	1.6 U	1.7 B	2.7	2.9 B	1.4 U
7440-39-3	Barium		ILM04-1-M	mg/kg	2.4 B	6 B	5.6 B	5.1 B	7.3 B	4.5 B
7440-41-7	Beryllium		ILM04-1-M	mg/kg	0.08 U	0.14 B	0.12 B	0.09 B	0.16 B	0.03 B
7440-43-9	Cadmium		ILM04-1-M	mg/kg	0.16 U	0.12 U	0.1 U	0.1 U	0.13 U	0.1 U
7440-70-2	Calcium		ILM04-1-M	mg/kg	432 B	5410	285 B	351 B	641 B	369 B
7440-47-3	Chromium		ILM04-1-M	mg/kg	3.1	15.4 J	6.1 J	6.2 J	10 J	3.8 J
7440-48-4	Cobalt		ILM04-1-M	mg/kg	0.7 B	1.6 B	1.1 B	1.4 B	2 B	0.68 B
7440-50-8	Copper		ILM04-1-M	mg/kg	5.2 B	10.2	5 B	6.6	16.1	8
7439-89-6	Iron		ILM04-1-M	mg/kg	1670	3930	3510	3990	4770	2780
7439-92-1	Lead		ILM04-1-M	mg/kg	4.7	47.6	11	6.5	14.3	7.8
7439-95-4	Magnesium		ILM04-1-M	mg/kg	518 B	2970	511 B	630 B	1410 B	491 B
7439-96-5	Manganese		ILM04-1-M	mg/kg	25.2	68	38.4	47.7	63.9	51.4
7439-97-6	Mercury		ILM04-1-M	mg/kg	0.07 U	0.15 U	0.12 U	0.11 U	0.17 U	0.13 U
7440-02-0	Nickel		ILM04-1-M	mg/kg	1.6 B	3.9 B	2.3 B	2.9 B	4.6 B	2.6 B
7440-09-7	Potassium		ILM04-1-M	mg/kg	258 B	178 BE	150 BE	145 BE	592 BE	163 BE
7782-49-2	Selenium		ILM04-1-M	mg/kg	0.52 U	1.4 U	1.2 U	1.1 U	1.6 U	1.2 U
7440-22-4	Silver		ILM04-1-M	mg/kg	0.13 U	0.6 UNJ	0.5 UNJ	0.47 UNJ	0.66 UNJ	0.5 UNJ
7440-23-5	Sodium		ILM04-1-M	mg/kg	683 BJ	82.1 B	64.2 U	68.9 B	624 B	72.4 B
7440-28-0	Thallium		ILM04-1-M	mg/kg	0.88 U	2.1 U	1.7 U	1.6 U	2.3 U	1.7 U
7440-62-2	Vanadium		ILM04-1-M	mg/kg	2.7 B	9.6 B	5.2 B	6.4 B	9.2 B	4.7 B
7440-66-6	Zinc		ILM04-1-M	mg/kg	10.6	26.2	13.3	16	35	15.2
57-12-5	Cyanide		ILM04-1-CN	mg/kg	0.07 UJ		0.28 U		0.038 U	

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep Surface Sediment
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	SSS-001 4/10/2001	SSS-001-DUP 4/10/2001	SSS-002 4/9/2001	SSS-003 4/9/2001	SSS-004 4/9/2001	SSS-005 4/11/2001
(Group Code)	(Group Description)									
SDS-Wet	SDS-SDW Samples Wet Chemistry Analysis									
pH	pH	SW9040C		S.U.	6.59	6.62	5.81	6.24	7.03	6.47
Grain-4	#4 Sieve	ASTM-D421		%	2.5	7.8	15.2	4	0.7	14.9
Grain-10	#10 Sieve	ASTM-D421		%	3.1	7.3	21.1	8.2	3.2	14.6
Grain-20	#20 Sieve	ASTM-D421		%	10.3	11.7	11	12.5	11.9	14.7
Grain-40	#40 Sieve	ASTM-D421		%	57.7	47.7	25.3	21.8	62.2	19.5
Grain-60	#60 Sieve	ASTM-D421		%	21.3	16.4	20.1	19.3	18.1	11.1
Grain-120	#120 Sieve	ASTM-D421		%	2.7	1.6	7	17.7	2.3	7.1
Grain-200	#200 Sieve	ASTM-D421		%	0.3	0.2	0.5	6.2	1.2	1.8
pan	pan	ASTM-D421		%	0.1	0.1	0.1	6.7	0.5	1.6
TOC	Total organic carbon	LLOYD KAHN		mg/kg	544	467	283	340	1250	61100 U

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep Surface Sediment
Wet Chemistry

9/24/2003
Page 2 of 3

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SSS-006 4/11/2001	SSS-007 4/12/2001	SSS-008 4/23/2001	SSS-009 4/23/2001	SSS-010 4/24/2001	SSS-011 4/26/2001
(Group Code)	(Group Description)								
SDS-Wet	SDS-SDW Samples Wet Chemistry Analysis								
pH	pH	SW9040C	S.U.	5.97	7.34	7.31	6.96		7.05
Grain-4	#4 Sieve	ASTM-D421	%	4	3.2	8.4	8.4		8.4
Grain-10	#10 Sieve	ASTM-D421	%	8.2	8.6	11.3	11.3		11.3
Grain-20	#20 Sieve	ASTM-D421	%	12.5	14.3	11.1	11.1		11.1
Grain-40	#40 Sieve	ASTM-D421	%	21.8	32.7	21.7	21.7		21.7
Grain-60	#60 Sieve	ASTM-D421	%	19.3	24.7	22.7	22.7		22.7
Grain-120	#120 Sieve	ASTM-D421	%	17.7	11.8	14.9	14.9		14.9
Grain-200	#200 Sieve	ASTM-D421	%	6.2	1.4	2.8	2.8		2.8
pan	pan	ASTM-D421	%	6.7	0.2	1.1	1.1		1.1
TOC	Total organic carbon	LLOYD KAHN	mg/kg	1340	3360	4320	17900	1580	29000

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Seep Surface Sediment
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \1
(Group Code)	(Group Description)		SSS-012	4/24/2001
SDS-Wet	SDS-SDW Samples Wet Chemistry Analysis			
pH	pH	SW9040C		S.U.
Grain-4	#4 Sieve	ASTM-D421		%
Grain-10	#10 Sieve	ASTM-D421		%
Grain-20	#20 Sieve	ASTM-D421		%
Grain-40	#40 Sieve	ASTM-D421		%
Grain-60	#60 Sieve	ASTM-D421		%
Grain-120	#120 Sieve	ASTM-D421		%
Grain-200	#200 Sieve	ASTM-D421		%
pan	pan	ASTM-D421		%
TOC	Total organic carbon	LLOYD KAHN		mg/kg
				6560

Wetland Sediment (SDW) Samples

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \	SDW-001-A B07J7 4/12/2001	SDW-001-B B07J8 4/12/2001	SDW-002-A B07J9 4/12/2001	SDW-002-B B07K0 4/12/2001	SDW-003-A B07K1 4/12/2001
(Group Code)	(Group Description)								
1-VOA-s	Volatile Organic Compounds - OLM04.2								
75-71-8	Dichlorodifluoromethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
74-87-3	Chloromethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
75-01-4	Vinyl Chloride		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
74-83-9	Bromomethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
75-00-3	Chloroethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
75-69-4	Trichlorofluoromethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
75-35-4	1,1-Dichloroethene		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
67-64-1	Acetone		OLM04-2-V	ug/kg	25 UJ	20 UJ	20 UJ	20 UJ	120 UJ
75-15-0	Carbon Disulfide		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
79-20-9	Methyl Acetate		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
75-09-2	Methylene Chloride		OLM04-2-V	ug/kg	70 UJ	24 UJ	20 UJ	13 UJ	43 UJ
156-60-5	trans-1,2-Dichloroethene		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
1634-04-4	Methyl Tert-Butyl Ether		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
75-34-3	1,1-Dichloroethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
156-59-2	cis-1,2-Dichloroethene		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
78-93-3	2-Butanone		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
67-66-3	Chloroform		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	440 J
71-55-6	1,1,1-Trichloroethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
110-82-7	Cyclohexane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
56-23-5	Carbon Tetrachloride		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
71-43-2	Benzene		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
107-06-2	1,2-Dichloroethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
79-01-6	Trichloroethene		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
108-87-2	Methylcyclohexane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
78-87-5	1,2-Dichloropropane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
75-27-4	Bromodichloromethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
10061-01-5	cis-1,3-Dichloropropene		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
108-10-1	4-Methyl-2-pentanone		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
108-88-3	Toluene		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	1 J	43 UJ
10061-02-6	trans-1,3-Dichloropropene		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	1 J	43 UJ
79-00-5	1,1,2-Trichloroethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
127-18-4	Tetrachloroethene		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
591-78-6	2-Hexanone		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
124-48-1	Dibromochloromethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
106-93-4	1,2-Dibromoethane		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ
108-90-7	Chlorobenzene		OLM04-2-V	ug/kg	24 UJ	20 UJ	20 UJ	12 UJ	43 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SDW-001-A B07J7 4/12/2001	SDW-001-B B07J8 4/12/2001	SDW-002-A B07J9 4/12/2001	SDW-002-B B07K0 4/12/2001	SDW-003-A B07K1 4/12/2001
100-41-4	Ethylbenzene	OLM04-2-V		ug/kg	24 UJ	20 U	20 U	12 U	43 UJ
1330-20-7	Xylenes (total)	OLM04-2-V		ug/kg	24 UJ	20 U	20 U	12 U	43 UJ
100-42-5	Styrene	OLM04-2-V		ug/kg	24 UJ	20 U	20 U	12 U	43 UJ
75-25-2	Bromoform	OLM04-2-V		ug/kg	24 UJ	20 U	20 U	12 U	43 UJ
98-82-8	Isopropylbenzene	OLM04-2-V		ug/kg	24 UJ	20 U	20 U	12 U	43 UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V		ug/kg	24 UJ	20 U	20 U	12 U	43 UJ
541-73-1	1,3-Dichlorobenzene	OLM04-2-V		ug/kg	24 UJ	20 U	20 U	12 U	43 UJ
106-46-7	1,4-Dichlorobenzene	OLM04-2-V		ug/kg	24 UJ	20 U	20 U	12 U	43 UJ
95-50-1	1,2-Dichlorobenzene	OLM04-2-V		ug/kg	24 UJ	20 U	20 U	12 U	43 UJ
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V		ug/kg	24 UJ	20 U	20 U	12 U	43 UJ
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V		ug/kg	24 UJ	20 U	20 U	12 U	43 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-003-B B07K2 4/12/2001	SDW-003-B-DUP B06Q0 4/12/2001	SDW-004-A B07K3 4/12/2001	SDW-004-B B07K4 4/12/2001	SDW-005-A B07L5 4/13/2001
(Group Code)	(Group Description)							
1-VOA-s	Volatile Organic Compounds - OLM04.2							
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
74-83-9	Bromomethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
75-00-3	Chloroethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
67-64-1	Acetone	OLM04-2-V	ug/kg	71 UJ	100 UJ	48 UJ	72 UJ	95 UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	38 J	74 UJ
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	65 UJ	130 UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
78-93-3	2-Butanone	OLM04-2-V	ug/kg	160 J	170 J	48 UJ	61 UJ	74 UJ
67-66-3	Chloroform	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	570 J
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
71-43-2	Benzene	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
108-87-2	Methylcyclohexane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	43 UJ	50 UJ	48 UJ	61 UJ	74 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SDW-003-B B07K2 4/12/2001	SDW-003-B-DUP B06Q0 4/12/2001	SDW-004-A B07K3 4/12/2001	SDW-004-B B07K4 4/12/2001	SDW-005-A B07L5 4/13/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	43	UJ	50	UJ	61	UJ
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	43	UJ	50	UJ	61	UJ
100-42-5	Styrene	OLM04-2-V	ug/kg	43	UJ	50	UJ	61	UJ
75-25-2	Bromoform	OLM04-2-V	ug/kg	43	UJ	50	UJ	61	UJ
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	43	UJ	50	UJ	61	UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	43	UJ	50	UJ	61	UJ
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	43	UJ	50	UJ	61	UJ
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	43	UJ	50	UJ	61	UJ
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	43	UJ	50	UJ	61	UJ
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	43	UJ	50	UJ	61	UJ
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	43	UJ	50	UJ	61	UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit	SDW-005-B B07L6 4/13/2001	SDW-006-A B07L7 4/13/2001	SDW-006-B B07L8 4/13/2001	SDW-007-A B07L9 4/16/2001	SDW-007-B B07M0 4/16/2001
(Group Code)	(Group Description)								
1-VOA-s	Volatile Organic Compounds - OLM04.2								
75-71-8	Dichlorodifluoromethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
74-87-3	Chloromethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
75-01-4	Vinyl Chloride		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
74-83-9	Bromomethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
75-00-3	Chloroethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
75-69-4	Trichlorofluoromethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
75-35-4	1,1-Dichloroethene		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
67-64-1	Acetone		OLM04-2-V	ug/kg	100 UJ	23 UJ	27 UJ	78 UJ	50 UJ
75-15-0	Carbon Disulfide		OLM04-2-V	ug/kg	51 UJ	15 UJ	27 UJ	40 UJ	43 UJ
79-20-9	Methyl Acetate		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
75-09-2	Methylene Chloride		OLM04-2-V	ug/kg	89 UJ	19 UJ	52 UJ	48 UJ	52 UJ
156-60-5	trans-1,2-Dichloroethene		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
1634-04-4	Methyl Tert-Butyl Ether		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
75-34-3	1,1-Dichloroethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
156-59-2	cis-1,2-Dichloroethene		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
78-93-3	2-Butanone		OLM04-2-V	ug/kg	290 J	17 UJ	27 UJ	40 UJ	43 UJ
67-66-3	Chloroform		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
71-55-6	1,1,1-Trichloroethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
110-82-7	Cyclohexane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
56-23-5	Carbon Tetrachloride		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
71-43-2	Benzene		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
107-06-2	1,2-Dichloroethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
79-01-6	Trichloroethene		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
108-87-2	Methylcyclohexane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
78-87-5	1,2-Dichloropropane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
75-27-4	Bromodichloromethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
10061-01-5	cis-1,3-Dichloropropene		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
108-10-1	4-Methyl-2-pentanone		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
108-88-3	Toluene		OLM04-2-V	ug/kg	51 UJ	2 J	3 J	40 UJ	43 UJ
10061-02-6	trans-1,3-Dichloropropene		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
79-00-5	1,1,2-Trichloroethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
127-18-4	Tetrachloroethene		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
591-78-6	2-Hexanone		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
124-48-1	Dibromochloromethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
106-93-4	1,2-Dibromoethane		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ
108-90-7	Chlorobenzene		OLM04-2-V	ug/kg	51 UJ	17 UJ	27 UJ	40 UJ	43 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-005-B B07L6 4/13/2001	SDW-006-A B07L7 4/13/2001	SDW-006-B B07L8 4/13/2001	SDW-007-A B07L9 4/16/2001	SDW-007-B B07M0 4/16/2001
100-41-4	Ethylbenzene	OLM04-2-V	Unit \	51 UJ	17 U	27 U	40 UJ	43 UJ
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	51 UJ	17 U	27 U	40 UJ	43 UJ
100-42-5	Styrene	OLM04-2-V	ug/kg	51 UJ	17 U	27 U	40 UJ	43 UJ
75-25-2	Bromoform	OLM04-2-V	ug/kg	51 UJ	17 U	27 U	40 UJ	43 UJ
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	51 UJ	17 U	27 U	40 UJ	43 UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	51 UJ	17 U	27 U	40 UJ	43 UJ
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	51 UJ	17 U	27 U	40 UJ	43 UJ
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	51 UJ	17 U	27 U	40 UJ	43 UJ
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	51 UJ	17 U	27 U	40 UJ	43 UJ
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	51 UJ	17 U	27 U	40 UJ	43 UJ
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	51 UJ	17 U	27 U	40 UJ	43 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit	SDW-008-A B07M1 4/16/2001	SDW-008-B B07M2 4/16/2001	SDW-009-A B07M3 4/17/2001	SDW-009-B B06N5 4/17/2001	SDW-010-A B06N6 4/17/2001
(Group Code)	(Group Description)								
1-VOA-s	Volatile Organic Compounds - OLM04.2								
75-71-8	Dichlorodifluoromethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
74-87-3	Chloromethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
75-01-4	Vinyl Chloride		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
74-83-9	Bromomethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
75-00-3	Chloroethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
75-69-4	Trichlorofluoromethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
75-35-4	1,1-Dichloroethene		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
67-64-1	Acetone		OLM04-2-V	ug/kg	170 UJ	45 UJ	38 UJ	39 UJ	78 UJ
75-15-0	Carbon Disulfide		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
79-20-9	Methyl Acetate		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
75-09-2	Methylene Chloride		OLM04-2-V	ug/kg	75 UJ	45 UJ	41 UJ	39 UJ	94 UJ
156-60-5	trans-1,2-Dichloroethene		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
1634-04-4	Methyl Tert-Butyl Ether		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
75-34-3	1,1-Dichloroethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
156-59-2	cis-1,2-Dichloroethene		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
78-93-3	2-Butanone		OLM04-2-V	ug/kg	54 UJ	100 J	38 UJ	39 UJ	78 UJ
67-66-3	Chloroform		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
71-55-6	1,1,1-Trichloroethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
110-82-7	Cyclohexane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
56-23-5	Carbon Tetrachloride		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
71-43-2	Benzene		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
107-06-2	1,2-Dichloroethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
79-01-6	Trichloroethene		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
108-87-2	Methylcyclohexane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
78-87-5	1,2-Dichloropropane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
75-27-4	Bromodichloromethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
10061-01-5	cis-1,3-Dichloropropene		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
108-10-1	4-Methyl-2-pentanone		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
108-88-3	Toluene		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
10061-02-6	trans-1,3-Dichloropropene		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
79-00-5	1,1,2-Trichloroethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
127-18-4	Tetrachloroethene		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
591-78-6	2-Hexanone		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
124-48-1	Dibromochloromethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
106-93-4	1,2-Dibromoethane		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
108-90-7	Chlorobenzene		OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SDW-008-A B07M1 4/16/2001	SDW-008-B B07M2 4/16/2001	SDW-009-A B07M3 4/17/2001	SDW-009-B B06N5 4/17/2001	SDW-010-A B06N6 4/17/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
100-42-5	Styrene	OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
75-25-2	Bromoform	OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	54 UJ	45 UJ	38 UJ	39 UJ	78 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Sample Code Sample Name Sample Date	Analytic Method	Unit	SDW-010-B B06N7 4/17/2001	SDW-011-A B06N8 4/18/2001	SDW-011-B B06N9 4/18/2001	SDW-011-B-DUP B06Q3 4/18/2001	SDW-011-B-High 4/18/2001
Group Code) (Group Description) -VOA-s Volatile Organic Compounds - OLM04.2							
Dichlorodifluoromethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Chloromethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Vinyl Chloride	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Bromomethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Chloroethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Trichlorofluoromethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
1,1-Dichloroethene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Acetone	OLM04-2-V	ug/kg	78 UJ	200 UJ	110 UJ	150 UJ	150 UJ
Carbon Disulfide	OLM04-2-V	ug/kg	78 UJ	33 J	68 UJ	75 UJ	75 UJ
Methyl Acetate	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Methylene Chloride	OLM04-2-V	ug/kg	94 UJ	150 UJ	170 UJ	160 J	160 J
trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
1,1-Dichloroethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
2-Butanone	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Chloroform	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
1,1,1-Trichloroethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Cyclohexane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Carbon Tetrachloride	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Benzene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
1,2-Dichloroethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Trichloroethene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Methylcyclohexane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
1,2-Dichloropropane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Bromodichloromethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
4-Methyl-2-pentanone	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Toluene	OLM04-2-V	ug/kg	78 UJ	2 J	16 J	5 J	16 J
trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
1,1,2-Trichloroethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Tetrachloroethene	OLM04-2-V	ug/kg	78 UJ	4 J	25 J	26 J	26 J
2-Hexanone	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Dibromochloromethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
1,2-Dibromoethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
Chlorobenzene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

9/23/2003
Page 10 of 14

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-010-B B06N7 4/17/2001	SDW-011-A B06N8 4/18/2001	SDW-011-B B06N9 4/18/2001	SDW-011-B-DUP B06Q3 4/18/2001	SDW-011-B-High 4/18/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
100-42-5	Styrene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
75-25-2	Bromoform	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	78 UJ	78 UJ	68 UJ	75 UJ	75 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SDW-012-A B06P0 4/18/2001	SDW-012-B B06P1 4/18/2001	SDW-013-A B06P2 4/19/2001	SDW-013-B B06P3 4/19/2001	SDW-014-A B06P4 4/19/2001
1-VOA-s	Volatile Organic Compounds - OLM04.2							
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
74-83-9	Bromomethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
75-00-3	Chloroethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
67-64-1	Acetone	OLM04-2-V	ug/kg	38 UJ	79 UJ	160 J	170 J	270 J
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	80 J
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	30 UJ	32 UJ	160 UJ	140 UJ	260 J
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
78-93-3	2-Butanone	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
67-66-3	Chloroform	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
71-43-2	Benzene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
108-87-2	Methylcyclohexane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	3 UJ
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-012-A B06P0 4/18/2001	SDW-012-B B06P1 4/18/2001	SDW-013-A B06P2 4/19/2001	SDW-013-B B06P3 4/19/2001	SDW-014-A B06P4 4/19/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
100-42-5	Styrene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
75-25-2	Bromoform	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	19 UJ	23 UJ	85 UJ	81 UJ	130 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Gas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SDW-014-B B06P5 4/19/2001	SDW-015-A B06P6 4/19/2001	SDW-015-B B06P7 4/19/2001
1-VOA-s	Volatile Organic Compounds - OLM04.2					
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
74-83-9	Bromomethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
75-00-3	Chloroethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
67-64-1	Acetone	OLM04-2-V	ug/kg	330 J	140 J	110 J
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	63 J	70 UJ	90 UJ
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	220 J	130 UJ	190 J
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
78-93-3	2-Butanone	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
67-66-3	Chloroform	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
71-43-2	Benzene	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
108-87-2	Methylcyclohexane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	120 UJ	2 J	90 UJ
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	120 UJ	70 UJ	90 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SDW-014-B B06P5 4/19/2001	SDW-015-A B06P6 4/19/2001	SDW-015-B B06P7 4/19/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	120	UJ	70	90
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	120	UJ	70	90
100-42-5	Styrene	OLM04-2-V	ug/kg	120	UJ	70	90
75-25-2	Bromoform	OLM04-2-V	ug/kg	120	UJ	70	90
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	120	UJ	70	90
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	120	UJ	70	90
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	120	UJ	70	90
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	120	UJ	70	90
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	120	UJ	70	90
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	120	UJ	70	90
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	120	UJ	70	90

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	SDW-001-A B07J7 4/12/2001	SDW-001-B B07J8 4/12/2001	SDW-002-A B07J9 4/12/2001	SDW-002-B B07K0 4/12/2001	SDW-003-A B07K1 4/12/2001
(Group Code)	(Group Description)								
2-SV-1-s	Semi-Volatile Organics -page 1 - OLM04.2								
100-52-7	Benzaldehyde		OLM04-2-SV	ug/kg	690 J	0 R	0 R	0 R	0 R
108-95-2	Phenol		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
111-44-4	bis(2-Chloroethyl)ether		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
95-57-8	2-Chlorophenol		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
95-48-7	2-Methylphenol		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
98-86-2	Acetophenone		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
106-44-5	4-Methylphenol		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
621-64-7	N-Nitroso-di-n-propylamine		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
67-72-1	Hexachloroethane		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
98-95-3	Nitrobenzene		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
78-59-1	Isophorone		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
88-75-5	2-Nitrophenol		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
105-67-9	2,4-Dimethylphenol		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
111-91-1	bis(2-Chloroethoxy)methane		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
120-83-2	2,4-Dichlorophenol		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
91-20-3	Naphthalene		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
106-47-8	4-Chloroaniline		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
87-68-3	Hexachlorobutadiene		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
105-60-2	Caprolactam		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
59-50-7	4-Chloro-3-methylphenol		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
91-57-6	2-Methylnaphthalene		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
77-47-4	Hexachlorocyclopentadiene		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
88-06-2	2,4,6-Trichlorophenol		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
95-95-4	2,4,5-Trichlorophenol		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
92-52-4	1,1'-Biphenyl		OLM04-2-SV	ug/kg	7000 U	6000 UJ	13000 UJ	1100 UJ	13000 UJ
91-58-7	2-Chloronaphthalene		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
88-74-4	2-Nitroaniline		OLM04-2-SV	ug/kg	7000 U	6000 UJ	13000 UJ	1100 UJ	13000 UJ
131-11-3	Dimethylphthalate		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
606-20-2	2,6-Dinitrotoluene		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
208-96-8	Acenaphthylene		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
99-09-2	3-Nitroaniline		OLM04-2-SV	ug/kg	7000 U	6000 UJ	13000 UJ	1100 UJ	13000 UJ
83-32-9	Acenaphthene		OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-001-A B07J7 4/12/2001	SDW-001-B B07J8 4/12/2001	SDW-002-A B07J9 4/12/2001	SDW-002-B B07K0 4/12/2001	SDW-003-A B07K1 4/12/2001
3-SV-2-s								
Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	7000 U	6000 UJ	13000 UJ	1100 UJ	13000 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	7000 U	6000 UJ	13000 UJ	1100 UJ	13000 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	7000 U	6000 UJ	13000 UJ	1100 UJ	13000 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	7000 U	6000 UJ	13000 UJ	1100 UJ	13000 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	2800 UJ	2400 UJ	5100 UJ	450 UJ	5200 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	7000 U	6000 UJ	13000 UJ	1100 UJ	13000 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	2800 U	2400 UJ	5100 UJ	450 UJ	5200 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Gas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	SDW-003-B B07K2 4/12/2001	SDW-003-B-DUP B06Q0 4/12/2001	SDW-004-A B07K3 4/12/2001	SDW-004-B B07K4 4/12/2001	SDW-005-A B07L5 4/13/2001
(Group Code)	(Group Description)								
2-SV-1-s	Semi-Volatile Organics -page 1 - OLM04.2								
100-52-7	Benzaldehyde		OLM04-2-SV	ug/kg	0 R	6900 UJ	0 R	270 J	1100 J
108-95-2	Phenol		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
111-44-4	bis(2-Chloroethyl)ether		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
95-57-8	2-Chlorophenol		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
95-48-7	2-Methylphenol		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
98-86-2	Acetophenone		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
106-44-5	4-Methylphenol		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
621-64-7	N-Nitroso-di-n-propylamine		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
67-72-1	Hexachloroethane		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
98-95-3	Nitrobenzene		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
78-59-1	Isophorone		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
88-75-5	2-Nitrophenol		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
105-67-9	2,4-Dimethylphenol		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
111-91-1	bis(2-Chloroethoxy)methane		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
120-83-2	2,4-Dichlorophenol		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
91-20-3	Naphthalene		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
106-47-8	4-Chloroaniline		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
87-68-3	Hexachlorobutadiene		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
105-60-2	Caprolactam		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
59-50-7	4-Chloro-3-methylphenol		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
91-57-6	2-Methylnaphthalene		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
77-47-4	Hexachlorocyclopentadiene		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
88-06-2	2,4,6-Trichlorophenol		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
95-95-4	2,4,5-Trichlorophenol		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
92-52-4	1,1'-Biphenyl		OLM04-2-SV	ug/kg	12000 UJ	17000 UJ	34000 UJ	4800 UJ	19000 UJ
91-58-7	2-Chloronaphthalene		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
88-74-4	2-Nitroaniline		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
131-11-3	Dimethylphthalate		OLM04-2-SV	ug/kg	12000 UJ	17000 UJ	34000 UJ	4800 UJ	19000 UJ
606-20-2	2,6-Dinitrotoluene		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
208-96-8	Acenaphthylene		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
99-09-2	3-Nitroaniline		OLM04-2-SV	ug/kg	12000 UJ	17000 UJ	34000 UJ	4800 UJ	19000 UJ
83-32-9	Acenaphthene		OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-003-B B07K2 4/12/2001	SDW-003-B-DUP B06Q0 4/12/2001	SDW-004-A B07K3 4/12/2001	SDW-004-B B07K4 4/12/2001	SDW-005-A B07L5 4/13/2001
3-SV-2-s	Semi-Volatile Organics -page 2 - OLM04.2							
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	12000 UJ	17000 UJ	34000 UJ	4800 UJ	19000 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	12000 UJ	17000 UJ	34000 UJ	4800 UJ	19000 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	12000 UJ	17000 UJ	34000 UJ	4800 UJ	19000 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	12000 UJ	17000 UJ	34000 UJ	4800 UJ	19000 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	12000 UJ	17000 UJ	34000 UJ	4800 UJ	19000 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	5000 UJ	6900 UJ	14000 UJ	1900 UJ	7400 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \	SDW-005-B B07L6 4/13/2001	SDW-006-A B07L7 4/13/2001	SDW-006-B B07L8 4/13/2001	SDW-007-A B07L9 4/16/2001	SDW-007-B B07M0 4/16/2001
(Group Code)	(Group Description)								
2-SV-1-s	Semi-Volatile Organics -page 1 - OLM04.2								
100-52-7	Benzaldehyde	ug/kg	OLM04-2-SV	0 R	0 R	0 R	0 R	730 J	0 R
108-95-2	Phenol	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
111-44-4	bis(2-Chloroethyl)ether	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
95-57-8	2-Chlorophenol	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
95-48-7	2-Methylphenol	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
98-86-2	Acetophenone	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
106-44-5	4-Methylphenol	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
621-64-7	N-Nitroso-di-n-propylamine	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
671-72-1	Hexachloroethane	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
98-95-3	Nitrobenzene	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
78-59-1	Isophorone	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
88-75-5	2-Nitrophenol	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
105-67-9	2,4-Dimethylphenol	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
111-91-1	bis(2-Chloroethoxy)methane	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
120-83-2	2,4-Dichlorophenol	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
91-20-3	Naphthalene	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
106-47-8	4-Chloroaniline	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
87-68-3	Hexachlorobutadiene	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
105-60-2	Caprolactam	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
59-50-7	4-Chloro-3-methylphenol	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
91-57-6	2-Methylnaphthalene	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
77-47-4	Hexachlorocyclopentadiene	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
88-06-2	2,4,6-Trichlorophenol	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
95-95-4	2,4,5-Trichlorophenol	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
92-52-4	1,1'-Biphenyl	ug/kg	OLM04-2-SV	11000 UJ	1400 UJ	2100 UJ	11000 UJ	11000 UJ	2400 UJ
91-58-7	2-Chloronaphthalene	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
88-74-4	2-Nitroaniline	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
131-11-3	Dimethylphthalate	ug/kg	OLM04-2-SV	11000 UJ	1400 UJ	2100 UJ	11000 UJ	11000 UJ	2400 UJ
606-20-2	2,6-Dinitrotoluene	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
208-96-8	Acenaphthylene	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ
99-09-2	3-Nitroaniline	ug/kg	OLM04-2-SV	11000 UJ	1400 UJ	2100 UJ	11000 UJ	11000 UJ	2400 UJ
83-32-9	Acenaphthene	ug/kg	OLM04-2-SV	4500 UJ	560 UJ	850 UJ	4200 UJ	4200 UJ	960 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-005-B B07L6 4/13/2001	SDW-006-A B07L7 4/13/2001	SDW-006-B B07L8 4/13/2001	SDW-007-A B07L9 4/16/2001	SDW-007-B B07M0 4/16/2001
3-SV-2-s	Semi-Volatile Organics -page 2 - OLM04.2							
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	11000 UJ	1400 UJ	2100 UJ	11000 UJ	2400 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	11000 UJ	1400 UJ	2100 UJ	11000 UJ	2400 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	11000 UJ	1400 UJ	2100 UJ	11000 UJ	2400 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	11000 UJ	1400 UJ	2100 UJ	11000 UJ	2400 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	11000 UJ	1400 UJ	2100 UJ	11000 UJ	2400 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	610 J	4200 UJ	220 J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	460 J	4200 UJ	200 J
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	230 J	4200 UJ	100 J
218-01-9	Chrysene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	290 J	4200 UJ	140 J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	200 J	4200 UJ	140 J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	230 J	4200 UJ	960 UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	210 J	4200 UJ	100 J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	120 J	4200 UJ	960 UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	850 UJ	4200 UJ	960 UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	4500 UJ	560 UJ	100 J	4200 UJ	960 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \	SDW-008-A B07M1 4/16/2001	SDW-008-B B07M2 4/16/2001	SDW-009-A B07M3 4/17/2001	SDW-009-B B06N5 4/17/2001	SDW-010-A B06N6 4/17/2001
(Group Code)	(Group Description)								
2-SV-1-s	Semi-Volatile Organics -page 1 - OLM04.2								
100-52-7	Benzaldehyde		OLM04-2-SV	ug/kg	0 R	0 R	4400 UJ	89 J	7100 UJ
108-95-2	Phenol		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
111-44-4	bis(2-Chloroethyl)ether		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
95-57-8	2-Chlorophenol		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
95-48-7	2-Methylphenol		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
98-86-2	Acetophenone		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
106-44-5	4-Methylphenol		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
621-64-7	N-Nitroso-di-n-propylamine		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
67-72-1	Hexachloroethane		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
98-95-3	Nitrobenzene		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
78-59-1	Isophorone		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
88-75-5	2-Nitrophenol		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
105-67-9	2,4-Dimethylphenol		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
111-91-1	bis(2-Chloroethoxy)methane		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
120-83-2	2,4-Dichlorophenol		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
91-20-3	Naphthalene		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
106-47-8	4-Chloroaniline		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
87-68-3	Hexachlorobutadiene		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
105-60-2	Caprolactam		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
59-50-7	4-Chloro-3-methylphenol		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
91-57-6	2-Methylnaphthalene		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
77-47-4	Hexachlorocyclopentadiene		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
88-06-2	2,4,6-Trichlorophenol		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
95-95-4	2,4,5-Trichlorophenol		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
92-52-4	1,1'-Biphenyl		OLM04-2-SV	ug/kg	15000 UJ	13000 UJ	11000 UJ	2200 UJ	18000 UJ
91-58-7	2-Chloronaphthalene		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
88-74-4	2-Nitroaniline		OLM04-2-SV	ug/kg	15000 UJ	13000 UJ	11000 UJ	2200 UJ	18000 UJ
131-11-3	Dimethylphthalate		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
606-20-2	2,6-Dinitrotoluene		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
208-96-8	Acenaphthylene		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
99-09-2	3-Nitroaniline		OLM04-2-SV	ug/kg	15000 UJ	13000 UJ	11000 UJ	2200 UJ	18000 UJ
83-32-9	Acenaphthene		OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-008-A B07M1 4/16/2001	SDW-008-B B07M2 4/16/2001	SDW-009-A B07M3 4/17/2001	SDW-009-B B06N5 4/17/2001	SDW-010-A B06N6 4/17/2001
3-SV-2-s	Semi-Volatile Organics -page 2 - OLM04.2							
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	15000 UJ	13000 UJ	11000 UJ	2200 UJ	18000 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	15000 UJ	13000 UJ	11000 UJ	2200 UJ	18000 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	15000 UJ	13000 UJ	11000 UJ	2200 UJ	18000 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	15000 UJ	13000 UJ	11000 UJ	2200 UJ	18000 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	15000 UJ	13000 UJ	11000 UJ	2200 UJ	18000 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	150 J	7100 UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	130 J	7100 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	90 J	7100 UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	95 J	7100 UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	5900 UJ	5200 UJ	4400 UJ	860 UJ	7100 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SDW-010-B B06N7 4/17/2001	SDW-011-A B06N8 4/18/2001	SDW-011-B B06N9 4/18/2001	SDW-011-B-DUP B06Q3 4/18/2001	SDW-011-B-High 4/18/2001
(Group Code)			Unit \\\					
2-SV-1-s	Semi-Volatile Organics -page 1 - OLM04.2							
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	960 J	380 J	250 J	280 J	280 J
108-95-2	Phenol	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	4100 UJ	4100 UJ	3900 UJ	4400 UJ	4400 UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	4100 UJ	4100 UJ	3900 UJ	4400 UJ	4400 UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	4100 UJ	4100 UJ	3900 UJ	4400 UJ	4400 UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-010-B B06N7 4/17/2001	SDW-011-A B06N8 4/18/2001	SDW-011-B B06N9 4/18/2001	SDW-011-B-DUP B06Q3 4/18/2001	SDW-011-B-High 4/18/2001
3-SV-2-s	Semi-Volatile Organics -page 2 - OLM04.2							
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	4100 UJ	4100 UJ	3900 UJ	4400 UJ	4400 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	4100 UJ	4100 UJ	3900 UJ	4400 UJ	4400 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	4100 UJ	4100 UJ	3900 UJ	4400 UJ	4400 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	4100 UJ	4100 UJ	3900 UJ	4400 UJ	4400 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	4100 UJ	4100 UJ	3900 UJ	4400 UJ	4400 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	330 J	600 J	1800 J	990 J	1800 J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	290 J	530 J	1400 J	810 J	1400 J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	1600 UJ	220 J	380 J	240 J	380 J
218-01-9	Chrysene	OLM04-2-SV	ug/kg	200 J	290 J	390 J	290 J	390 J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	280 J	220 J	390 J	350 J	390 J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	190 J	310 J	380 J	1700 UJ	380 J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	170 J	180 J	240 J	1700 UJ	240 J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	1600 UJ	1600 UJ	1600 UJ	1700 UJ	1700 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SDW-012-A B06P0 4/18/2001	SDW-012-B B06P1 4/18/2001	SDW-013-A B06P2 4/19/2001	SDW-013-B B06P3 4/19/2001	SDW-014-A B06P4 4/19/2001
(Group Code)	(Group Description)		Unit \\\					
2-SV-1-s	Semi-Volatile Organics -page 1 - OLM04.2							
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	13000 UJ	7900 UJ	43000 UJ	41000 UJ	27000 UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	13000 UJ	7900 UJ	43000 UJ	41000 UJ	27000 UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	13000 UJ	7900 UJ	43000 UJ	41000 UJ	27000 UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-012-A B06P0 4/18/2001	SDW-012-B B06P1 4/18/2001	SDW-013-A B06P2 4/19/2001	SDW-013-B B06P3 4/19/2001	SDW-014-A B06P4 4/19/2001
3-SV-2-s	Semi-Volatile Organics -page 2 - OLM04.2							
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	13000 UJ	7900 UJ	43000 UJ	41000 UJ	27000 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	13000 UJ	7900 UJ	43000 UJ	41000 UJ	27000 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	13000 UJ	7900 UJ	43000 UJ	41000 UJ	27000 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	13000 UJ	7900 UJ	43000 UJ	41000 UJ	27000 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	13000 UJ	7900 UJ	43000 UJ	41000 UJ	27000 UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	5000 UJ	3100 UJ	17000 UJ	16000 UJ	11000 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-014-B B06P5 4/19/2001	SDW-015-A B06P6 4/19/2001	SDW-015-B B06P7 4/19/2001
(Group Code)	(Group Description)					
2-SV-1-s	Semi-Volatile Organics - page 1 - OLM04.2					
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	32000 UJ	20000 UJ	23000 UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	32000 UJ	20000 UJ	23000 UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	32000 UJ	20000 UJ	23000 UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-014-B B06P5 4/19/2001	SDW-015-A B06P6 4/19/2001	SDW-015-B B06P7 4/19/2001
3-SV-2-s	Semi-Volatile Organics -page 2 - OLM04.2					
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	32000 UJ	20000 UJ	23000 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	32000 UJ	20000 UJ	23000 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	32000 UJ	20000 UJ	23000 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	32000 UJ	20000 UJ	23000 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	32000 UJ	20000 UJ	23000 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	13000 UJ	7800 UJ	9100 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Pesticides/PCBs

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \	SDW-001-A B07J7 4/12/2001	SDW-001-B B07J8 4/12/2001	SDW-002-A B07J9 4/12/2001	SDW-002-B B07K0 4/12/2001	SDW-003-A B07K1 4/12/2001	SDW-003-B B07K2 4/12/2001
(Group Code) 4-P/PCBs-s	(Group Description) Pesticide/PCB Organics - OLM04.2									
319-84-6	alpha-BHC		OLM04-2-PP	ug/kg	2.9 U	2.5 UJ	2.6 UJ	2.3 UJ	5.3 UJ	5.1 UJ
319-85-7	beta-BHC		OLM04-2-PP	ug/kg	2.9 U	2.5 UJ	2.6 UJ	2.3 UJ	5.3 UJ	5.1 UJ
319-86-8	delta-BHC		OLM04-2-PP	ug/kg	2.9 U	2.5 UJ	2.6 UJ	2.3 UJ	5.3 UJ	5.1 UJ
58-89-9	gamma-BHC (Lindane)		OLM04-2-PP	ug/kg	2.9 U	2.5 UJ	2.6 UJ	2.3 UJ	5.3 UJ	5.1 UJ
76-44-8	Heptachlor		OLM04-2-PP	ug/kg	2.9 U	2.5 UJ	2.6 UJ	2.3 UJ	5.3 UJ	5.1 UJ
309-00-2	Aldrin		OLM04-2-PP	ug/kg	2.9 U	2.5 UJ	2.6 UJ	2.3 UJ	5.3 UJ	5.1 UJ
1024-57-3	Heptachlor epoxide		OLM04-2-PP	ug/kg	2.9 U	2.5 UJ	2.6 UJ	2.3 UJ	5.3 UJ	5.1 UJ
959-98-8	Endosulfan I		OLM04-2-PP	ug/kg	2.9 U	2.5 UJ	2.6 UJ	2.3 UJ	5.3 UJ	5.1 UJ
60-57-1	Dieldrin		OLM04-2-PP	ug/kg	5.6 U	4.8 UJ	5.1 UJ	4.5 UJ	10 UJ	0 R
72-55-9	4,4'-DDE		OLM04-2-PP	ug/kg	5.6 U	4.8 UJ	5.1 UJ	4.5 UJ	20 J	63 J
72-20-8	Endrin		OLM04-2-PP	ug/kg	5.6 U	4.8 UJ	5.1 UJ	4.5 UJ	10 UJ	9.9 UJ
33213-65-9	Endosulfan II		OLM04-2-PP	ug/kg	5.6 U	4.8 UJ	5.1 UJ	4.5 UJ	10 UJ	9.9 UJ
72-54-8	4,4'-DDD		OLM04-2-PP	ug/kg	5.6 U	4.8 UJ	5.1 UJ	4.5 UJ	38 J	180 DJ
1031-07-8	Endosulfan sulfate		OLM04-2-PP	ug/kg	5.6 U	4.8 UJ	5.1 UJ	4.5 UJ	10 UJ	9.9 UJ
50-29-3	4,4'-DDT		OLM04-2-PP	ug/kg	5.6 U	4.8 UJ	5.1 UJ	4.5 UJ	10 UJ	9.9 UJ
72-43-5	Methoxychlor		OLM04-2-PP	ug/kg	29 U	25 UJ	26 UJ	23 UJ	53 UJ	51 UJ
53494-70-5	Endrin ketone		OLM04-2-PP	ug/kg	5.6 U	4.8 UJ	5.1 UJ	4.5 UJ	10 UJ	9.9 UJ
7421-93-4	Endrin aldehyde		OLM04-2-PP	ug/kg	5.6 U	4.8 UJ	5.1 UJ	4.5 UJ	10 UJ	9.9 UJ
5103-71-9	alpha-Chlordane		OLM04-2-PP	ug/kg	2.9 U	2.5 UJ	2.6 UJ	2.3 UJ	5.3 UJ	5.1 UJ
5103-74-2	gamma-Chlordane		OLM04-2-PP	ug/kg	2.9 U	2.5 UJ	2.6 UJ	2.3 UJ	5.3 UJ	5.1 UJ
8001-35-2	Toxaphene		OLM04-2-PP	ug/kg	290 U	250 UJ	260 UJ	230 UJ	530 UJ	510 UJ
12674-11-2	Aroclor-1016		OLM04-2-PP	ug/kg	56 U	48 UJ	51 UJ	45 UJ	100 UJ	99 UJ
11104-28-2	Aroclor-1221		OLM04-2-PP	ug/kg	110 U	97 UJ	100 UJ	92 UJ	210 UJ	200 UJ
11141-16-5	Aroclor-1232		OLM04-2-PP	ug/kg	56 U	48 UJ	51 UJ	45 UJ	100 UJ	99 UJ
53469-21-9	Aroclor-1242		OLM04-2-PP	ug/kg	56 U	48 UJ	51 UJ	45 UJ	100 UJ	99 UJ
12672-29-6	Aroclor-1248		OLM04-2-PP	ug/kg	56 U	48 UJ	51 UJ	45 UJ	100 UJ	99 UJ
11097-69-1	Aroclor-1254		OLM04-2-PP	ug/kg	56 U	48 UJ	51 UJ	45 UJ	100 UJ	99 UJ
11096-82-5	Aroclor-1260		OLM04-2-PP	ug/kg	56 U	48 UJ	51 UJ	45 UJ	100 UJ	99 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Pesticides/PCBs

9/23/2003
Page 2 of 6

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SDW-003-B-DUP B06Q0 4/12/2001	SDW-004-A B07K3 4/12/2001	SDW-004-B B07K4 4/12/2001	SDW-005-A B07L5 4/13/2001	SDW-005-B B07L6 4/13/2001	SDW-006-A B07L7 4/13/2001
4-P/PCBs-s	Pesticide/PCB Organics - OLM04.2								
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	7.1 UJ	7.1 UJ	9.8 UJ	7.7 UJ	4.7 UJ	2.9 UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	7.1 UJ	7.1 UJ	9.8 UJ	7.7 UJ	4.7 UJ	2.9 UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	7.1 UJ	7.1 UJ	9.8 UJ	7.7 UJ	4.7 UJ	2.9 UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	7.1 UJ	7.1 UJ	9.8 UJ	7.7 UJ	4.7 UJ	2.9 UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	7.1 UJ	7.1 UJ	9.8 UJ	7.7 UJ	4.7 UJ	2.9 UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	7.1 UJ	7.1 UJ	9.8 UJ	7.7 UJ	4.7 UJ	2.9 UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	7.1 UJ	7.1 UJ	9.8 UJ	7.7 UJ	4.7 UJ	2.9 UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	7.1 UJ	7.1 UJ	9.8 UJ	7.7 UJ	4.7 UJ	2.9 UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	0 R	14 UJ	19 UJ	15 UJ	19 J	5.5 UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	100 J	17 J	96 J	15 UJ	83 J	5.5 UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	14 UJ	14 UJ	19 UJ	15 UJ	9.2 UJ	5.5 UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	14 UJ	14 UJ	19 UJ	15 UJ	9.2 UJ	5.5 UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	300	21 J	95 J	15 UJ	160 DJ	5.5 UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	14 UJ	14 UJ	19 UJ	15 UJ	9.2 UJ	5.5 UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	14 UJ	14 UJ	19 UJ	15 UJ	9.2 UJ	5.5 UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	71 UJ	71 UJ	98 UJ	77 UJ	47 UJ	29 UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	14 UJ	14 UJ	19 UJ	15 UJ	9.2 UJ	5.5 UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	14 UJ	14 UJ	19 UJ	15 UJ	9.2 UJ	5.5 UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	7.1 UJ	7.2	9.8 UJ	7.7 UJ	4.7 UJ	2.9 UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	7.1 UJ	7.1 UJ	9.8 UJ	7.7 UJ	4.7 UJ	2.9 UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	710 UJ	710 UJ	980 UJ	770 UJ	470 UJ	290 UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	140 UJ	140 UJ	190 UJ	150 UJ	92 UJ	55 UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	280 UJ	280 UJ	390 UJ	300 UJ	190 UJ	110 UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	140 UJ	140 UJ	190 UJ	150 UJ	92 UJ	55 UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	140 UJ	140 UJ	190 UJ	150 UJ	92 UJ	55 UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	140 UJ	140 UJ	190 UJ	150 UJ	92 UJ	55 UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	140 UJ	140 UJ	190 UJ	150 UJ	92 UJ	55 UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	140 UJ	140 UJ	190 UJ	150 UJ	92 UJ	55 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Pesticides/PCBs

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SDW-006-B B07L8 4/13/2001	SDW-007-A B07L9 4/16/2001	SDW-007-B B07M0 4/16/2001	SDW-008-A B07M1 4/16/2001	SDW-008-B B07M2 4/16/2001	SDW-009-A B07M3 4/17/2001
(Group Code)	(Group Description)									
4-P/PCBs-s	Pesticide/PCB Organics - OLM04.2									
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	4.4 UJ	4.3 UJ	4.9 UJ	6 UJ	5.4 UJ	4.5 UJ	4.5 UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	4.4 UJ	4.3 UJ	4.9 UJ	6 UJ	5.4 UJ	4.5 UJ	4.5 UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	4.4 UJ	4.3 UJ	4.9 UJ	6 UJ	5.4 UJ	4.5 UJ	4.5 UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	4.4 UJ	4.3 UJ	4.9 UJ	6 UJ	5.4 UJ	4.5 UJ	4.5 UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	4.4 UJ	4.3 UJ	4.9 UJ	6 UJ	5.4 UJ	4.5 UJ	4.5 UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	4.4 UJ	4.3 UJ	4.9 UJ	6 UJ	5.4 UJ	4.5 UJ	4.5 UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	4.4 UJ	4.3 UJ	4.9 UJ	6 UJ	5.4 UJ	4.5 UJ	4.5 UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	4.4 UJ	4.3 UJ	4.9 UJ	6 UJ	5.4 UJ	4.5 UJ	4.5 UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	8.6 UJ	17 J	9.6 UJ	12 UJ	12 UJ	8.8 UJ	8.8 UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	8.6 UJ	76 J	9.6 UJ	16 J	66 J	8.8 UJ	8.8 UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	8.6 UJ	8.4 UJ	9.6 UJ	12 UJ	10 UJ	8.8 UJ	8.8 UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	8.6 UJ	8.4 UJ	9.6 UJ	12 UJ	10 UJ	8.8 UJ	8.8 UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	8.6 UJ	150 DJ	9.6 UJ	12 UJ	96 J	8.8 UJ	8.8 UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	8.6 UJ	8.4 UJ	9.6 UJ	12 UJ	10 UJ	8.8 UJ	8.8 UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	8.6 UJ	8.4 UJ	9.6 UJ	12 UJ	16	8.8 UJ	8.8 UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	44 UJ	43 UJ	49 UJ	60 UJ	54 UJ	45 UJ	45 UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	8.6 UJ	8.4 UJ	9.6 UJ	12 UJ	10 UJ	8.8 UJ	8.8 UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	8.6 UJ	8.4 UJ	9.6 UJ	12 UJ	10 UJ	8.8 UJ	8.8 UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	4.4 UJ	4.3 UJ	4.9 UJ	6 UJ	5.4 UJ	4.5 UJ	4.5 UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	4.4 UJ	4.3 UJ	4.9 UJ	6 UJ	5.4 UJ	4.5 UJ	4.5 UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	440 UJ	430 UJ	490 UJ	600 UJ	540 UJ	450 UJ	450 UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	86 UJ	84 UJ	95 UJ	120 UJ	100 UJ	88 UJ	88 UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	180 UJ	170 UJ	190 UJ	240 UJ	210 UJ	180 UJ	180 UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	86 UJ	84 UJ	95 UJ	120 UJ	100 UJ	88 UJ	88 UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	86 UJ	84 UJ	95 UJ	120 UJ	100 UJ	88 UJ	88 UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	86 UJ	84 UJ	95 UJ	120 UJ	100 UJ	88 UJ	88 UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	86 UJ	84 UJ	95 UJ	120 UJ	100 UJ	88 UJ	88 UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	86 UJ	84 UJ	95 UJ	120 UJ	100 UJ	88 UJ	88 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Pesticides/PCBs

9/23/2003
Page 4 of 6

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SDW-009-B B06N5 4/17/2001	SDW-010-A B06N6 4/17/2001	SDW-010-B B06N7 4/17/2001	SDW-011-A B06N8 4/18/2001	SDW-011-B B06N9 4/18/2001	SDW-011-B-DUP B06Q3 4/18/2001
4-P/PCBs-s	Pesticide/PCB Organics - OLM04.2								
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	4.5 UJ	7.3 UJ	8.4 UJ	8.4 UJ	8 UJ	9 UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	4.5 UJ	7.3 UJ	8.4 UJ	8.4 UJ	8 UJ	9 UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	4.5 UJ	7.3 UJ	8.4 UJ	8.4 UJ	8 UJ	9 UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	4.5 UJ	7.3 UJ	8.4 UJ	8.4 UJ	8 UJ	9 UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	4.5 UJ	7.3 UJ	8.4 UJ	8.4 UJ	8 UJ	9 UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	4.5 UJ	7.3 UJ	8.4 UJ	8.4 UJ	8 UJ	9 UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	4.5 UJ	7.3 UJ	8.4 UJ	8.4 UJ	8 UJ	9 UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	4.5 UJ	7.3 UJ	8.4 UJ	8.4 UJ	8 UJ	9 UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	8.7 UJ	14 UJ	16 UJ	16 UJ	16 UJ	17 UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	8.7 UJ	17 J	23 J	16 UJ	120 J	32 J
72-20-8	Endrin	OLM04-2-PP	ug/kg	8.7 UJ	14 UJ	16 UJ	16 UJ	16 UJ	17 UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	8.7 UJ	14 UJ	16 UJ	16 UJ	16 UJ	17 UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	8.7 UJ	14 UJ	16 UJ	16 UJ	92 J	29 J
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	8.7 UJ	14 UJ	16 UJ	16 UJ	16 UJ	17 UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	8.7 UJ	14 UJ	16 UJ	16 UJ	16 UJ	17 UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	45 UJ	73 UJ	84 UJ	84 UJ	80 UJ	89 UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	8.7 UJ	14 UJ	16 UJ	16 UJ	16 UJ	17 UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	8.7 UJ	14 UJ	16 UJ	16 UJ	16 UJ	17 UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	4.5 UJ	7.3 UJ	8.4 UJ	8.4 UJ	8 UJ	9 UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	4.5 UJ	7.3 UJ	8.4 UJ	8.4 UJ	8 UJ	9 UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	450 UJ	730 UJ	840 UJ	840 UJ	800 UJ	890 UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	87 UJ	140 UJ	160 UJ	160 UJ	160 UJ	170 UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	180 UJ	290 UJ	330 UJ	330 UJ	320 UJ	350 UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	87 UJ	140 UJ	160 UJ	160 UJ	160 UJ	170 UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	87 UJ	140 UJ	160 UJ	160 UJ	160 UJ	170 UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	87 UJ	140 UJ	160 UJ	160 UJ	160 UJ	170 UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	87 UJ	140 UJ	160 UJ	160 UJ	160 UJ	170 UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	87 UJ	140 UJ	160 UJ	160 UJ	160 UJ	170 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Pesticides/PCBs

9/23/2003
Page 5 of 6

Cas Rn (Group Code)	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SDW-011-B-High 4/18/2001	SDW-012-A B06P0 4/18/2001	SDW-012-B B06P1 4/18/2001	SDW-013-A B06P2 4/19/2001	SDW-013-B B06P3 4/19/2001	SDW-014-A B06P4 4/19/2001
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	9 UJ	2.6 UJ	3.3 UJ	8.8 UJ	8.5 UJ	11 UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	9 UJ	2.6 UJ	3.3 UJ	8.8 UJ	8.5 UJ	11 UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	9 UJ	2.6 UJ	3.3 UJ	8.8 UJ	8.5 UJ	11 UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	9 UJ	2.6 UJ	3.3 UJ	8.8 UJ	8.5 UJ	11 UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	9 UJ	2.6 UJ	3.3 UJ	8.8 UJ	8.5 UJ	11 UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	9 UJ	2.6 UJ	3.3 UJ	8.8 UJ	8.5 UJ	11 UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	9 UJ	2.6 UJ	3.3 UJ	8.8 UJ	8.5 UJ	11 UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	9 UJ	2.6 UJ	3.3 UJ	8.8 UJ	8.5 UJ	11 UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	17 UJ	5 UJ	6.3 UJ	17 UJ	17 UJ	22 UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	120 J	13 J	6.3 UJ	17 UJ	18	22 UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	17 UJ	5 UJ	6.3 UJ	17 UJ	17 UJ	22 UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	17 UJ	5 UJ	6.3 UJ	17 UJ	17 UJ	22 UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	92 J	18 J	6.3 UJ	25 J	24 J	22 UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	17 UJ	5 UJ	6.3 UJ	17 UJ	17 UJ	22 UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	17 UJ	5 UJ	6.3 UJ	17 UJ	17 UJ	22 UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	89 UJ	26 UJ	33 UJ	88 UJ	85 UJ	110 UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	17 UJ	5 UJ	6.3 UJ	17 UJ	17 UJ	22 UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	17 UJ	5 UJ	6.3 UJ	17 UJ	17 UJ	22 UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	9 UJ	2.6 UJ	3.3 UJ	8.8 UJ	8.5 UJ	11 UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	9 UJ	2.6 UJ	3.3 UJ	8.8 UJ	8.5 UJ	11 UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	890 UJ	260 UJ	330 UJ	880 UJ	850 UJ	1100 UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	170 UJ	50 UJ	63 UJ	170 UJ	170 UJ	220 UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	350 UJ	100 UJ	130 UJ	350 UJ	340 UJ	440 UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	170 UJ	50 UJ	63 UJ	170 UJ	170 UJ	220 UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	170 UJ	50 UJ	63 UJ	170 UJ	170 UJ	220 UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	170 UJ	50 UJ	63 UJ	170 UJ	170 UJ	220 UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	170 UJ	50 UJ	63 UJ	170 UJ	170 UJ	220 UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	170 UJ	50 UJ	63 UJ	170 UJ	170 UJ	220 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Pesticides/PCBs

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-014-B B06P5 4/19/2001	SDW-015-A B06P6 4/19/2001	SDW-015-B B06P7 4/19/2001
(Group Code) 4-P/PCBs-s	(Group Description) Pesticide/PCB Organics - OLM04.2					
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	13 UJ	8 UJ	9.3 UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	13 UJ	8 UJ	9.3 UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	13 UJ	8 UJ	9.3 UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	13 UJ	8 UJ	9.3 UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	13 UJ	8 UJ	9.3 UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	13 UJ	8 UJ	9.3 UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	13 UJ	8 UJ	9.3 UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	13 UJ	8 UJ	9.3 UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	25 UJ	16 UJ	18 UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	25 UJ	23 J	24 J
72-20-8	Endrin	OLM04-2-PP	ug/kg	25 UJ	16 UJ	18 UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	25 UJ	16 UJ	18 UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	25 UJ	17 J	24 J
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	25 UJ	16 UJ	18 UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	25 UJ	16 UJ	18 UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	130 UJ	80 UJ	93 UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	25 UJ	16 UJ	18 UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	25 UJ	16 UJ	18 UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	13 UJ	8 UJ	9.3 UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	13 UJ	8 UJ	9.3 UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	1300 UJ	800 UJ	930 UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	250 UJ	160 UJ	180 UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	510 UJ	320 UJ	370 UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	250 UJ	160 UJ	180 UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	250 UJ	160 UJ	180 UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	250 UJ	160 UJ	180 UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	250 UJ	160 UJ	180 UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	250 UJ	160 UJ	180 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Inorganic Compounds

Cas Rn	Chemical Name (Group Code)	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SDW-001-A MBQR78 4/12/2001	SDW-001-B MBQR79 4/12/2001	SDW-002-A MBQR80 4/12/2001	SDW-002-B MBQR81 4/12/2001	SDW-003-A MBQR82 4/12/2001	SDW-003-B MBQR83 4/12/2001
5-Inorg-s	Inorganic Analytes - ILM04.1			N/A					
7429-90-5	Aluminum	ILM04-1-M	mg/kg		3620	1560	1500	5920 J	4360 J
7440-36-0	Antimony	ILM04-1-M	mg/kg		0.78 U	0.7 U	0.71 U	1.4 UJ	1.7 UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg		0.92 B	1.2 B	0.74 U	4.9 BJ	4.3 BJ
7440-39-3	Barium	ILM04-1-M	mg/kg		15.7 B	4 B	8 B	14 BJ	12 BJ
7440-41-7	Beryllium	ILM04-1-M	mg/kg		0.09 U	0.08 U	0.09 U	0.16 UJ	0.3 BJ
7440-43-9	Cadmium	ILM04-1-M	mg/kg		0.19 U	0.17 U	0.17 U	0.33 UJ	0.42 UJ
7440-70-2	Calcium	ILM04-1-M	mg/kg		725 B	2080 J	320 B	1650 BJ	1580 BJ
7440-47-3	Chromium	ILM04-1-M	mg/kg		18.4	6.3	4.8	23 J	17.3 J
7440-48-4	Cobalt	ILM04-1-M	mg/kg		2.2 B	1.1 B	1.2 B	4.2 BJ	3.2 BJ
7440-50-8	Copper	ILM04-1-M	mg/kg		23.2 J	9.9 J	6 B	44.8 J	39.1 J
7439-89-6	Iron	ILM04-1-M	mg/kg		4540	3430	3210	10400 J	8240 J
7439-92-1	Lead	ILM04-1-M	mg/kg		29.1	7.4	7.5	65.4 J	80.9 J
7439-95-4	Magnesium	ILM04-1-M	mg/kg		1410 B	992 B	747 B	3560 J	3270 BJ
7439-96-5	Manganese	ILM04-1-M	mg/kg		53.8	37.4	26.5	104 J	64.7 J
7439-97-6	Mercury	ILM04-1-M	mg/kg		0.08 U	0.07 U	0.07 U	0.17 BJ	0.24 BJ
7440-02-0	Nickel	ILM04-1-M	mg/kg		5.6 B	3.1 B	2.8 B	12 BJ	9.3 BJ
7440-09-7	Potassium	ILM04-1-M	mg/kg		770 B	476 B	657 B	1900 BJ	1560 BJ
7782-49-2	Selenium	ILM04-1-M	mg/kg		0.62 U	0.56 U	0.57 U	1.1 UJ	1.4 UJ
7440-22-4	Silver	ILM04-1-M	mg/kg		0.16 U	0.14 U	0.14 U	0.27 UJ	0.47 BJ
7440-23-5	Sodium	ILM04-1-M	mg/kg		468 BJ	1850 J	1320 BJ	9390 J	11600 J
7440-28-0	Thallium	ILM04-1-M	mg/kg		1.1 U	0.96 U	0.97 U	1.9 UJ	2.4 UJ
7440-62-2	Vanadium	ILM04-1-M	mg/kg		9 B	5.5 B	5.7 B	28 J	20.4 BJ
7440-66-6	Zinc	ILM04-1-M	mg/kg		26.6	16.5	16.6	59.9 J	68.4 J
57-12-5	Cyanide	ILM04-1-CN	mg/kg		0.09 UJ	0.08 UJ	0.08 UJ	0.15 UJ	0.19 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Inorganic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SDW-003-B-DUP MB0619 4/12/2001	SDW-004-A MBQR84 4/12/2001	SDW-004-B MBQR85 4/12/2001	SDW-005-A MBQR86 4/13/2001	SDW-005-B MBQR87 4/13/2001	SDW-006-A MBQR88 4/13/2001
5-Inorg-s	Inorganic Analytes - ILM04.1								
7429-90-5	Aluminum	ILM04-1-M	mg/kg	3690 J	10200 J	9550 J	12000 J	9700 J	3960
7440-36-0	Antimony	ILM04-1-M	mg/kg	1.5 UJ	2.1 BJ	2.2 UJ	2.3 UJ	1.6 UJ	0.91 U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	3.5 BJ	5 BJ	4.5 BJ	14.4 J	5.5 J	2.3 B
7440-39-3	Barium	ILM04-1-M	mg/kg	8.1 BJ	27.4 BJ	26.3 BJ	36.7 BJ	25 BJ	8.7 B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.18 UJ	0.22 UJ	0.32 BJ	0.58 BJ	0.27 BJ	0.17 B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.36 UJ	0.45 UJ	0.52 UJ	0.23 UJ	0.19 BJ	0.23 B
7440-70-2	Calcium	ILM04-1-M	mg/kg	1150 BJ	2300 BJ	2110 BJ	3220 BJ	1590 BJ	426 B
7440-47-3	Chromium	ILM04-1-M	mg/kg	14.3 J	49.1 J	42.1 J	49.3 J	48.3 J	13.5
7440-48-4	Cobalt	ILM04-1-M	mg/kg	3 BJ	7.1 BJ	5.9 BJ	8.9 BJ	4.8 BJ	3.5 B
7440-50-8	Copper	ILM04-1-M	mg/kg	29.8 J	89.4 J	92 J	83.6 J	101 J	22.2 J
7439-89-6	Iron	ILM04-1-M	mg/kg	6990 J	18500 J	14900 J	23600 J	15700 J	8690
7439-92-1	Lead	ILM04-1-M	mg/kg	52.4 J	83.3 J	71.3 J	68 J	60.1 J	19.9
7439-95-4	Magnesium	ILM04-1-M	mg/kg	2360 BJ	6120 J	5990 J	7460 J	4450 J	1920 J
7439-96-5	Manganese	ILM04-1-M	mg/kg	52.4 J	213 J	193 J	1740 J	161 J	85.4
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.15 UJ	0.22 BJ	0.24 BJ	0.19 UJ	0.23 BJ	0.08 UJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	8.5 BJ	21.4 BJ	17.6 BJ	23.8 BJ	17 BJ	9.9 B
7440-09-7	Potassium	ILM04-1-M	mg/kg	1200 BJ	3550 BJ	3320 BJ	4190 J	2650 J	1090 B
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.2 UJ	1.5 UJ	2 BJ	3.8 BJ	2.1 BJ	1 U
7440-22-4	Silver	ILM04-1-M	mg/kg	0.54 BJ	1 BJ	0.5 BJ	1.7 BJ	1 BJ	0.51 B
7440-23-5	Sodium	ILM04-1-M	mg/kg	7090 J	14500 J	16300 J	16300 J	2740 J	3440
7440-28-0	Thallium	ILM04-1-M	mg/kg	2 UJ	2.5 UJ	2.9 UJ	3 UJ	2.1 UJ	1.2 U
7440-82-2	Vanadium	ILM04-1-M	mg/kg	15.6 BJ	47.6 J	38.4 BJ	50.2 J	39.9 J	16.5
7440-66-6	Zinc	ILM04-1-M	mg/kg	56.6 J	105 J	93.2 J	96.9 J	50.8 J	35.9 J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.16 UJ	0.21 UJ	0.24 UJ	0.44 BJ	0.16 BJ	0.11 B

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Inorganic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SDW-006-B MBQR89 4/13/2001	SDW-007-A MBQR90 4/16/2001	SDW-007-B MBQR91 4/16/2001	SDW-008-A MBQR92 4/16/2001	SDW-008-B MBQR93 4/16/2001	SDW-009-A MBTF78 4/17/2001
(Group Code)	(Group Description)								
5-Inorg-s	Inorganic Analytes - ILM04.1								
7429-90-5	Aluminum	ILM04-1-M	mg/kg	3820 J	5130 J	7940 J	9720 J	7780 J	5920 J
7440-36-0	Antimony	ILM04-1-M	mg/kg	1.3 UU	1.4 UU	1.9 UU	2.2 UU	2 UU	1.7 UU
7440-38-2	Arsenic	ILM04-1-M	mg/kg	2.8 BJ	7.6 J	8.4 J	9.4 J	6.6 BJ	4.2 BJ
7440-39-3	Barium	ILM04-1-M	mg/kg	8.8 BJ	13.1 BJ	14.7 BJ	23.3 BJ	15.3 BJ	13 BJ
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.27 BJ	0.25 BJ	0.35 BJ	0.53 BJ	0.43 BJ	0.23 BJ
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.13 UU	0.27 BJ	0.88 BJ	0.34 BJ	0.73 BJ	0.32 BJ
7440-70-2	Calcium	ILM04-1-M	mg/kg	1010 BJ	2350 BJ	2400 BJ	3580 BJ	2710 BJ	2000 BJ
7440-47-3	Chromium	ILM04-1-M	mg/kg	13.6 J	26.2 J	37.2 J	54.9 J	47.2 J	27.1 J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	2.7 BJ	2.1 BJ	3.1 BJ	5.4 BJ	4.3 BJ	2.4 BJ
7440-50-8	Copper	ILM04-1-M	mg/kg	18.3 J	33 J	29.7 J	77.2 J	72.2 J	36.3 J
7439-89-6	Iron	ILM04-1-M	mg/kg	7360 J	8110 J	13100 J	19100 J	14500 J	7030 J
7439-92-1	Lead	ILM04-1-M	mg/kg	23.6 J	62.4 J	59.5 J	103 J	131 J	54.9 J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	2640 J	3040 J	3430 J	6210 J	4640 J	3860 J
7439-96-5	Manganese	ILM04-1-M	mg/kg	105 J	139 J	90.1 J	608 J	89.8 J	79.5 J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.11 UU	0.12 UU	0.16 UU	0.18 UU	0.22 BJ	0.14 UU
7440-02-0	Nickel	ILM04-1-M	mg/kg	7.6 BJ	9.4 BJ	12.7 BJ	21.1 BJ	26.2 BJ	10.5 BJ
7440-09-7	Potassium	ILM04-1-M	mg/kg	1490 BJ	1290 BJ	1380 BJ	3100 BJ	2190 BJ	2030 BJ
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.5 UU	1.7 BJ	3.9 J	2.6 BJ	2.7 BJ	2.1 BJ
7440-22-4	Silver	ILM04-1-M	mg/kg	0.39 BJ	0.38 UU	0.5 UU	1.2 BJ	0.73 BJ	0.45 UU
7440-23-5	Sodium	ILM04-1-M	mg/kg	9040 J	5080 J	5350 J	15600 J	13400 J	12900 J
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.7 UU	1.8 UU	2.4 UU	2.8 UU	2.6 UU	2.2 UU
7440-62-2	Vanadium	ILM04-1-M	mg/kg	17.3 BJ	18.8 BJ	29.8 BJ	38.2 J	43 J	21.4 BJ
7440-66-6	Zinc	ILM04-1-M	mg/kg	28.4 J	42.7 J	50.1 J	82 J	117 J	35.9 J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.12 UU	0.21 BJ	0.29 BJ	0.73 BJ	0.18 UU	0.15 UU

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Inorganic Compounds

Cas Rn	Chemical Name (Group Code)	Analytic Method	Sample Code Sample Name Sample Date	SDW-009-B MB0604 4/17/2001	SDW-010-A MB0605 4/17/2001	SDW-010-B MB0606 4/17/2001	SDW-011-A MB0607 4/18/2001	SDW-011-B MB0608 4/18/2001	SDW-011-B-DUP MB0622 4/18/2001
5-Inorg-s	Inorganic Analytes - ILM04.1								
7429-90-5	Aluminum	ILM04-1-M	mg/kg	5740 J	7770 J	9260 J	5980 J	5530 J	4390 J
7440-36-0	Antimony	ILM04-1-M	mg/kg	1.6 UJ	2.6 UJ	3.1 UJ	3.6 BJ	4.5 BJ	3.3 UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	6.6 J	5.9 BJ	8.6 BJ	12.6 J	17.8 J	15.2 J
7440-39-3	Barium	ILM04-1-M	mg/kg	11.3 BJ	24.3 BJ	20.6 BJ	12.9 BJ	12 BJ	9.8 BJ
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.26 BJ	0.39 BJ	0.49 BJ	0.34 BJ	0.27 BJ	0.22 BJ
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.23 BJ	0.26 UJ	0.75 BJ	0.3 UJ	0.34 UJ	0.33 UJ
7440-70-2	Calcium	ILM04-1-M	mg/kg	1720 BJ	8680 J	4310 BJ	3870 BJ	3020 BJ	2760 BJ
7440-47-3	Chromium	ILM04-1-M	mg/kg	23.3 J	49.3 J	58.6 J	32.3 J	30.9 J	23 J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	2.4 BJ	3.3 BJ	4.2 BJ	3.3 BJ	2.8 BJ	1.7 BJ
7440-50-8	Copper	ILM04-1-M	mg/kg	24.2 J	64.1 J	81.1 J	41.3 J	26.8 BJ	21.3 BJ
7439-89-6	Iron	ILM04-1-M	mg/kg	8820 J	14100 J	15500 J	15400 J	14200 J	12200 J
7439-92-1	Lead	ILM04-1-M	mg/kg	56.5 J	91.1 J	119 J	90.1 J	87.1 J	67.6 J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3410 J	5130 J	5840 J	4030 BJ	3030 BJ	2520 BJ
7439-96-5	Manganese	ILM04-1-M	mg/kg	62.8 J	264 J	139 J	69.1 J	52.3 J	39.9 J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.14 UJ	0.22 UJ	0.26 UJ	0.25 UJ	0.29 UJ	0.28 UJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	10.8 BJ	16.9 BJ	22.2 BJ	16.8 BJ	15.5 BJ	11 BJ
7440-09-7	Potassium	ILM04-1-M	mg/kg		2450 BJ	2650 BJ	1380 BJ	1120 BJ	892 BJ
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.8 UJ	3.6 BJ	3.5 UJ	3.5 BJ	3.9 UJ	3.8 UJ
7440-22-4	Silver	ILM04-1-M	mg/kg	0.43 UJ	1.2 BJ	1 BJ	0.88 BJ	1 BJ	0.88 UJ
7440-23-5	Sodium	ILM04-1-M	mg/kg	11500 J	12700 J	11100 J	6880 J	6000 J	5070 BJ
7440-28-0	Thallium	ILM04-1-M	mg/kg	2.1 UJ	3.4 UJ	4 UJ	3.8 UJ	4.5 UJ	4.3 UJ
7440-62-2	Vanadium	ILM04-1-M	mg/kg	20.1 BJ	27 BJ	38 BJ	41.8 BJ	31.5 BJ	24.6 BJ
7440-66-6	Zinc	ILM04-1-M	mg/kg	37.5 J	97.7 J	77.7 J	67.3 J	61.7 J	55.7 J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.2 BJ	0.38 BJ	1.2 BJ	0.27 UJ	0.34 BJ	0.3 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Inorganic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-011-B-High 4/18/2001	SDW-012-A MB0609 4/18/2001	SDW-012-B MB0610 4/18/2001	SDW-013-A MB0611 4/19/2001	SDW-013-B MB0612 4/19/2001	SDW-014-A MB0613 4/19/2001
(Group Code)	(Group Description)		Unit \\\						
5-Inorg-s	Inorganic Analytes - ILM04.1								
7429-90-5	Aluminum	ILM04-1-M	mg/kg	5530 J	1420	3560 J	7660 J	3910 J	5700 J
7440-36-0	Antimony	ILM04-1-M	mg/kg	4.5 BJ	0.95 U	1.7 BJ	3.1 UJ	1.7 UJ	4.3 BJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	17.8 J	1.3 B	2.9 BJ	6 BJ	3.4 BJ	5.3 BJ
7440-39-3	Barium	ILM04-1-M	mg/kg	12 BJ	3.5 B	7.8 BJ	16.2 BJ	8.3 BJ	14.1 BJ
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.27 BJ	0.06 U	0.2 BJ	0.48 BJ	0.23 BJ	0.39 BJ
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.34 UJ	0.1 U	0.13 UJ	0.41 BJ	0.23 BJ	0.38 UJ
7440-70-2	Calcium	ILM04-1-M	mg/kg	3020 BJ	566 B	1260 BJ	4110 BJ	2180 BJ	4810 BJ
7440-47-3	Chromium	ILM04-1-M	mg/kg	30.9 J	8.2	21.1 J	51.2 J	25.6 J	46.6 J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	2.8 BJ	0.61 B	1.8 BJ	3.4 BJ	1.7 BJ	2 BJ
7440-50-8	Copper	ILM04-1-M	mg/kg	26.8 BJ	12.5 J	31.1 J	71.8 J	33.3 J	65.3 J
7439-89-6	Iron	ILM04-1-M	mg/kg	14200 J	3040	7720 J	15300 J	8110 J	13600 J
7439-92-1	Lead	ILM04-1-M	mg/kg	87.1 J	17.8 J	49 J	107 J	52.4 J	104 J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3030 BJ	971 B	2310 J	5430 J	2400 BJ	4820 BJ
7439-96-5	Manganese	ILM04-1-M	mg/kg	52.3 J	43.8	62.3 J	131 J	66.1 J	142 J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.29 UJ	0.08 U	0.12 BJ	0.33 BJ	0.15 BJ	0.32 UJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	15.5 BJ	3.3 B	9.2 BJ	19.1 BJ	9.6 BJ	16.3 BJ
7440-09-7	Potassium	ILM04-1-M	mg/kg	1120 BJ	477 B	1130 BJ	2240 BJ	1020 BJ	1680 BJ
7782-49-2	Selenium	ILM04-1-M	mg/kg	3.9 UJ	1.1 U	1.4 UJ	3.5 UJ	1.9 UJ	4.3 UJ
7440-22-4	Silver	ILM04-1-M	mg/kg	1 BJ	0.25 U	0.38 BJ	0.88 BJ	0.49 BJ	1 UJ
7440-23-5	Sodium	ILM04-1-M	mg/kg	6000 BJ	2830 J	6010 J	9960 J	4100 J	6050 BJ
7440-28-0	Thallium	ILM04-1-M	mg/kg	4.5 UJ	1.2 U	1.7 UJ	4 UJ	2.2 UJ	4.9 UJ
7440-62-2	Vanadium	ILM04-1-M	mg/kg	31.5 BJ	6.2 B	17.4 BJ	29.3 BJ	14.3 BJ	24.2 BJ
7440-66-6	Zinc	ILM04-1-M	mg/kg	61.7 J	34.6	43.9 J	96.1 J	47.7 J	73.1 J
57-12-5	Cyanide	ILM04-1-CN	mg/kg		0.14 BJ	0.2 BJ	0.57 BJ	0.16 BJ	0.61 BJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Inorganic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SDW-014-B MB0614 4/19/2001	SDW-015-A MB0615 4/19/2001	SDW-015-B MB0616 4/19/2001
5-Inorg-s	Inorganic Analytes - ILM04.1					
7429-90-5	Aluminum	ILM04-1-M	mg/kg	0 R	7530 J	6260 J
7440-36-0	Antimony	ILM04-1-M	mg/kg	8.2 BR	2.9 BJ	2.9 UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	0 R	5 BJ	6.2 BJ
7440-39-3	Barium	ILM04-1-M	mg/kg	11.7 BR	15.2 BJ	13.8 BJ
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0 R	0.47 BJ	0.39 BJ
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0 R	0.25 UJ	0.33 BJ
7440-70-2	Calcium	ILM04-1-M	mg/kg	4940 BR	3590 BJ	3840 BJ
7440-47-3	Chromium	ILM04-1-M	mg/kg	0 R	51.8 J	45.7 J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	0 R	2.9 BJ	2.2 BJ
7440-50-8	Copper	ILM04-1-M	mg/kg	0 R	68.7 J	54 J
7439-89-6	Iron	ILM04-1-M	mg/kg	0 R	11400 J	17100 J
7439-92-1	Lead	ILM04-1-M	mg/kg	0 R	119 J	104 J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	4790 BR	4900 J	4460 BJ
7439-96-5	Manganese	ILM04-1-M	mg/kg	0 R	118 J	81.5 J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0 R	0.29 BJ	0.25 BJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	15.9 BR	17.5 BJ	17 BJ
7440-09-7	Potassium	ILM04-1-M	mg/kg	1950 BR	2050 BJ	1680 BJ
7782-49-2	Selenium	ILM04-1-M	mg/kg	0 R	2.8 UJ	3.3 UJ
7440-22-4	Silver	ILM04-1-M	mg/kg	0 R	0.9 BJ	1.1 BJ
7440-23-5	Sodium	ILM04-1-M	mg/kg	0 R	9390 J	8980 J
7440-28-0	Thallium	ILM04-1-M	mg/kg	0 R	3.2 UJ	3.8 UJ
7440-62-2	Vanadium	ILM04-1-M	mg/kg	22 BR	31.2 BJ	26.8 BJ
7440-66-6	Zinc	ILM04-1-M	mg/kg	0 R	63.2 J	74.4 J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.96 BR	0.42 BJ	0.48 BJ

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-001-A 4/12/2001	SDW-001-B 4/12/2001	SDW-002-A 4/12/2001	SDW-002-B 4/12/2001	SDW-003-A 4/12/2001	SDW-003-B 4/12/2001
(Group Code)	(Group Description)								
SDS-Wet	SDS-SDW Samples Wet Chemistry Analysis								
pH	pH	SW9040C	S.U.	7.34	5.51	5.5	6.37	5.81	6.76
Grain-4	#4 Sieve	ASTM-D421	%	15.1	5	4.5	10.6	8	1.4
Grain-10	#10 Sieve	ASTM-D421	%	15.9	6	4.5	8.4	12.2	6.4
Grain-20	#20 Sieve	ASTM-D421	%	12.8	12.1	11.4	13.7	14.9	13.8
Grain-40	#40 Sieve	ASTM-D421	%	17.5	27.4	48.4	32.8	25.2	34.2
Grain-60	#60 Sieve	ASTM-D421	%	17.3	18.8	17	13.5	16.2	19
Grain-120	#120 Sieve	ASTM-D421	%	15.1	20.3	6.5	2	11.4	11.2
Grain-200	#200 Sieve	ASTM-D421	%	4.6	7.5	3.1	0.6	6.5	7
pan	pan	ASTM-D421	%	1.8	2.5	1.1	0.7	5.7	7.2
TOC	Total organic carbon	LLOYD KAHN	mg/kg	27200	8440	6490	2680	83300	54500

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Wet Chemistry

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	SDW-003-B-DUP 4/12/2001	SDW-004-A 4/12/2001	SDW-004-B 4/12/2001	SDW-005-A 4/13/2001	SDW-005-B 4/13/2001	SDW-006-A 4/13/2001
SDS-Wet	SDS-SDW Samples Wet Chemistry Analysis									
pH	pH	SW9040C		S.U.	6.46	6.33	6.71			
Grain-4	#4 Sieve	ASTM-D421		%	3	13	7.8	0	0	0
Grain-10	#10 Sieve	ASTM-D421		%	7.4	9	15.7	1.5	1.5	21.2
Grain-20	#20 Sieve	ASTM-D421		%	11.3	10.9	18.4	7.9	3.6	28.1
Grain-40	#40 Sieve	ASTM-D421		%	27.2	19.9	20.4	7.4	6.6	17.2
Grain-60	#60 Sieve	ASTM-D421		%	15.4	14.4	12.7	7.4	11.8	9.2
Grain-120	#120 Sieve	ASTM-D421		%	11	10.9	8.8	21	27	8.5
Grain-200	#200 Sieve	ASTM-D421		%	7	7.2	5.1	27.5	25.7	4.4
pan	pan	ASTM-D421		%	4.5	9.3	11.2	26.7	23.9	11.4
TOC	Total organic carbon	LLOYD KAHN		mg/kg	54000	80000	74300	108000	51400	16400

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	SDW-006-B 4/13/2001	SDW-007-A 4/16/2001	SDW-007-B 4/16/2001	SDW-008-A 4/16/2001	SDW-008-B 4/16/2001	SDW-009-A 4/17/2001
(Group Code)	(Group Description)									
SDS-Wet	SDS-SDW Samples Wet Chemistry Analysis									
pH	pH	SW9040C		S.U.		6.85	5.55	6.17	5.9	6.41
Grain-4	#4 Sieve	ASTM-D421		%	0	3.9	0	12.5	2.16	0
Grain-10	#10 Sieve	ASTM-D421		%	1.4	18.1	5	35.6	8.91	24.1
Grain-20	#20 Sieve	ASTM-D421		%	21.3	15.3	21.4	18.7	7.96	18.1
Grain-40	#40 Sieve	ASTM-D421		%	18.6	17.5	16.2	9.7	6.2	13.3
Grain-60	#60 Sieve	ASTM-D421		%	12.6	21.4	14.5	5.3	4.86	15.2
Grain-120	#120 Sieve	ASTM-D421		%	13.1	14.2	15.3	5.4	5.16	15.2
Grain-200	#200 Sieve	ASTM-D421		%	10.4	4.2	9.2	3.6	3.45	5.5
pan	pan	ASTM-D421		%	22.5	5.3	18.5	9.2	8.2	8.5
TOC	Total organic carbon	LLOYD KAHN		mg/kg	28900	59500	102000	123000	129000	87200

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-009-B 4/17/2001	SDW-010-A 4/17/2001	SDW-010-B 4/17/2001	SDW-011-A 4/18/2001	SDW-011-B 4/18/2001	SDW-011-B-DUP 4/18/2001
(Group Code)	(Group Description)								
SDS-Wet	SDS-SDW Samples Wet Chemistry Analysis								
pH	pH	S.U.							
Grain-4	#4 Sieve	ASTM-D421		5.73	6.52	5.92		6.21	6.28
Grain-10	#10 Sieve	ASTM-D421		0	0	0		1.3	2.2
Grain-20	#20 Sieve	ASTM-D421		16.6	25.7	27		9.2	10.5
Grain-40	#40 Sieve	ASTM-D421		13.7	18.4	20.1		13.1	14
Grain-60	#60 Sieve	ASTM-D421		13.1	12.3	13.8		19.2	17.7
Grain-120	#120 Sieve	ASTM-D421		17.2	8.8	8.8		18.7	15.6
Grain-200	#200 Sieve	ASTM-D421		18.9	9.7	9.1		18.4	15.9
pan	pan	ASTM-D421		7.5	7	6.2		8.8	9.1
TOC	Total organic carbon	LLOYD KAHN		12.9	18.1	15		11.3	15.1
				50900	152000	163000		118000	110000

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SDW-011-B-High 4/18/2001	SDW-012-A 4/18/2001	SDW-012-B 4/18/2001	SDW-013-A 4/19/2001	SDW-013-B 4/19/2001
(Group Code)	(Group Description)							
SDS-Wet	SDS-SDW Samples Wet Chemistry Analysis							
pH	pH	SW9040C	S.U.		6.56	6.27	6.65	6.43
Grain-4	#4 Sieve	ASTM-D421	%		1.1	2.6	11	8.8
Grain-10	#10 Sieve	ASTM-D421	%		3.5	4.1	17	12.4
Grain-20	#20 Sieve	ASTM-D421	%		8.9	9.5	19.9	11.8
Grain-40	#40 Sieve	ASTM-D421	%		35.7	33.2	14.4	15.8
Grain-60	#60 Sieve	ASTM-D421	%		30.1	26	9.3	15.4
Grain-120	#120 Sieve	ASTM-D421	%		12.4	11.8	10	19
Grain-200	#200 Sieve	ASTM-D421	%		3.6	5	6.4	8.4
pan	pan	ASTM-D421	%		4.7	7.8	12.2	8.5
TOC	Total organic carbon	LLOYD KAHN	mg/kg		40700	47900	152000	118000

SMITHTOWN GROUNDWATER CONTAMINATION
Harbor Wetland Surface Sediment Samples
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SDW-014-A 4/19/2001	SDW-014-B 4/19/2001	SDW-015-A 4/19/2001	SDW-015-B 4/19/2001
(Group Code)	(Group Description)						
SDS-Wet	SDS-SDW Samples Wet Chemistry Analysis						
pH	pH	SW9040C	S.U.	7.22	6.89	6.51	6.94
Grain-4	#4 Sieve	ASTM-D421	%	7.6	15.4	14.1	10
Grain-10	#10 Sieve	ASTM-D421	%	20.7	23.2	23	17.9
Grain-20	#20 Sieve	ASTM-D421	%	21.8	22.4	19	17.9
Grain-40	#40 Sieve	ASTM-D421	%	15.9	13.3	10.5	12.2
Grain-60	#60 Sieve	ASTM-D421	%	9.6	7.2	6.5	8.7
Grain-120	#120 Sieve	ASTM-D421	%	9.1	7.3	7.1	9.9
Grain-200	#200 Sieve	ASTM-D421	%	6.3	5.1	6.1	8.1
pan	pan	ASTM-D421	%	9.1	6.2	13.7	15.3
TOC	Total organic carbon	LLOYD KAHN	mg/kg	201000	205000	140000	168000

Storm Drain Sediment (SDS) Samples

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Volatile Organic Compounds

9/23/2003
Page 1 of 6

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	SDS-001 BZJ31 4/25/2001	SDS-002 BZJ32 4/25/2001	SDS-003 B07G8 4/25/2001	SDS-004 B07G9 4/26/2001	SDS-005 B07H0 4/26/2001	SDS-005-DUP B07J6 4/26/2001
(Group Code)	(Group Description)									
1-VOA-s	Volatile Organic Compounds - OLM04.2									
75-71-8	Dichlorodifluoromethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
74-87-3	Chloromethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
75-01-4	Vinyl Chloride		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
74-83-9	Bromomethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
75-00-3	Chloroethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
75-69-4	Trichlorofluoromethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
75-35-4	1,1-Dichloroethene		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
67-64-1	Acetone		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
75-15-0	Carbon Disulfide		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
79-20-9	Methyl Acetate		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
75-09-2	Methylene Chloride		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
156-60-5	trans-1,2-Dichloroethene		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
1634-04-4	Methyl Tert-Butyl Ether		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
75-34-3	1,1-Dichloroethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
156-59-2	cis-1,2-Dichloroethene		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
78-93-3	2-Butanone		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
67-66-3	Chloroform		OLM04-2-V	ug/kg	2 J	16 U	19 U	15 U	11 U	14 U
71-55-6	1,1,1-Trichloroethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
110-82-7	Cyclohexane		OLM04-2-V	ug/kg	18 U	16 U	19 U	26 U	11 U	14 U
56-23-5	Carbon Tetrachloride		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
71-43-2	Benzene		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
107-06-2	1,2-Dichloroethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
79-01-6	Trichloroethene		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
108-87-2	Methylcyclohexane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
78-87-5	1,2-Dichloropropane		OLM04-2-V	ug/kg	18 U	16 U	19 U	64 U	11 U	14 U
75-27-4	Bromodichloromethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
10061-01-5	cis-1,3-Dichloropropene		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
108-10-1	4-Methyl-2-pentanone		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
108-88-3	Toluene		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
10061-02-6	trans-1,3-Dichloropropene		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
79-00-5	1,1,2-Trichloroethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
127-18-4	Tetrachloroethene		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
591-78-6	2-Hexanone		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
124-48-1	Dibromochloromethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
106-93-4	1,2-Dibromoethane		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U
108-90-7	Chlorobenzene		OLM04-2-V	ug/kg	18 U	16 U	19 U	15 U	11 U	14 U

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SDS-001 BZJ31 4/25/2001	SDS-002 BZJ32 4/25/2001	SDS-003 B07G8 4/25/2001	SDS-004 B07G9 4/26/2001	SDS-005 B07H0 4/26/2001	SDS-005-DUP B07J6 4/26/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	18 U	16 U	19 U	19 U	110	11 U	14 U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	18 U	16 U	19 U	19 U	320	2 J	14 U
100-42-5	Styrene	OLM04-2-V	ug/kg	18 U	16 U	19 U	19 U	15 U	11 U	14 U
75-25-2	Bromoform	OLM04-2-V	ug/kg	18 U	16 U	19 U	19 U	15 U	11 U	14 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	18 U	16 U	19 U	19 U	8 J	11 U	14 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	18 U	16 U	19 U	19 U	15 U	11 U	14 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	18 U	16 U	19 U	19 U	15 U	11 U	14 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	18 U	16 U	19 U	19 U	15 U	11 U	14 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	18 U	16 U	19 U	19 U	15 U	11 U	14 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	18 U	16 U	19 U	19 U	15 U	11 U	14 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	18 U	16 U	19 U	19 U	15 U	11 U	14 U

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	SDS-006 B07H1 4/26/2001	SDS-007 B07H2 4/26/2001	SDS-008 B07H3 4/26/2001	SDS-009 B07H4 4/26/2001	SDS-010 B07H5 4/27/2001	SDS-011 B07H6 4/27/2001
(Group Code)	(Group Description)									
1-VOA-s	Volatile Organic Compounds - OLM04.2									
75-71-8	Dichlorodifluoromethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
74-87-3	Chloromethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
75-01-4	Vinyl Chloride	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
74-83-9	Bromomethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
75-00-3	Chloroethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
75-69-4	Trichlorofluoromethane	ug/kg	OLM04-2-V		4 J	6 J	4 J	2 J	8 J	9 J
75-35-4	1,1-Dichloroethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
67-64-1	Acetone	ug/kg	OLM04-2-V		16 U	6 J	13 U	11 U	45 U	60 U
75-15-0	Carbon Disulfide	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
79-20-9	Methyl Acetate	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
75-09-2	Methylene Chloride	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
156-60-5	trans-1,2-Dichloroethene	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
75-34-3	1,1-Dichloroethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
156-59-2	cis-1,2-Dichloroethene	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
78-93-3	2-Butanone	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	20 J	60 U
67-66-3	Chloroform	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
71-55-6	1,1,1-Trichloroethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
110-82-7	Cyclohexane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
56-23-5	Carbon Tetrachloride	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
71-43-2	Benzene	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
107-06-2	1,2-Dichloroethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
79-01-6	Trichloroethene	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
108-87-2	Methylcyclohexane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
78-87-5	1,2-Dichloropropane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
75-27-4	Bromodichloromethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
108-10-1	4-Methyl-2-pentanone	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
108-88-3	Toluene	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
79-00-5	1,1,2-Trichloroethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
127-18-4	Tetrachloroethene	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
591-78-6	2-Hexanone	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
124-48-1	Dibromochloromethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
106-93-4	1,2-Dibromoethane	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U
108-90-7	Chlorobenzene	ug/kg	OLM04-2-V		16 U	19 U	13 U	11 U	45 U	60 U

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SDS-006 B07H1 4/26/2001	SDS-007 B07H2 4/26/2001	SDS-008 B07H3 4/26/2001	SDS-009 B07H4 4/26/2001	SDS-010 B07H5 4/27/2001	SDS-011 B07H6 4/27/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	16	U	19	13	11	45	60
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	16	U	19	13	11	45	60
100-42-5	Styrene	OLM04-2-V	ug/kg	16	U	19	13	11	45	60
75-25-2	Bromoform	OLM04-2-V	ug/kg	16	U	19	13	11	45	60
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	16	U	19	13	11	45	60
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	16	U	19	13	11	45	60
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	16	U	19	13	11	45	60
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	16	U	19	13	11	45	60
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	16	U	19	13	11	45	60
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	16	U	19	13	11	45	60
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	16	U	19	13	11	45	60

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \1
(Group Code)	(Group Description)		SDS-012 B07H7 4/27/2001	SDS-013 B07H8 4/27/2001
1-VOA-s	Volatile Organic Compounds - OLM04.2			
75-71-8	Dichlorodifluoromethane	OLM04-2-V	12 U	13 U
74-87-3	Chloromethane	OLM04-2-V	12 U	13 U
75-01-4	Vinyl Chloride	OLM04-2-V	12 U	13 U
74-83-9	Bromomethane	OLM04-2-V	12 U	13 U
75-00-3	Chloroethane	OLM04-2-V	12 U	13 U
75-69-4	Trichlorofluoromethane	OLM04-2-V	1 J	13 U
75-35-4	1,1-Dichloroethene	OLM04-2-V	12 U	13 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	12 U	13 U
67-64-1	Acetone	OLM04-2-V	12 U	25 U
75-15-0	Carbon Disulfide	OLM04-2-V	12 U	3 J
79-20-9	Methyl Acetate	OLM04-2-V	10 J	13 U
75-09-2	Methylene Chloride	OLM04-2-V	12 U	39 U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	12 U	13 U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	12 U	13 U
75-34-3	1,1-Dichloroethane	OLM04-2-V	12 U	13 U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	12 U	13 U
78-93-3	2-Butanone	OLM04-2-V	12 U	7 J
67-66-3	Chloroform	OLM04-2-V	12 U	13 U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	12 U	13 U
110-82-7	Cyclohexane	OLM04-2-V	12 U	13 U
56-23-5	Carbon Tetrachloride	OLM04-2-V	12 U	13 U
71-43-2	Benzene	OLM04-2-V	12 U	13 U
107-06-2	1,2-Dichloroethane	OLM04-2-V	12 U	13 U
79-01-6	Trichloroethene	OLM04-2-V	12 U	13 U
108-87-2	Methylcyclohexane	OLM04-2-V	12 U	13 U
78-87-5	1,2-Dichloropropane	OLM04-2-V	12 U	13 U
75-27-4	Bromodichloromethane	OLM04-2-V	12 U	13 U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	12 U	13 U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	12 U	13 U
108-88-3	Toluene	OLM04-2-V	12 U	100
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	12 U	13 U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	12 U	13 U
127-18-4	Tetrachloroethene	OLM04-2-V	12 U	13 U
591-78-6	2-Hexanone	OLM04-2-V	12 U	13 U
124-48-1	Dibromochloromethane	OLM04-2-V	12 U	13 U
106-93-4	1,2-Dibromoethane	OLM04-2-V	12 U	13 U
108-90-7	Chlorobenzene	OLM04-2-V	12 U	13 U

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	SDS-012 B07H7 4/27/2001	SDS-013 B07H8 4/27/2001
100-41-4	Ethylbenzene	OLM04-2-V		ug/kg	12 U	13 U
1330-20-7	Xylenes (total)	OLM04-2-V		ug/kg	12 U	13 U
100-42-5	Styrene	OLM04-2-V		ug/kg	12 U	13 U
75-25-2	Bromoform	OLM04-2-V		ug/kg	12 U	13 U
98-82-8	Isopropylbenzene	OLM04-2-V		ug/kg	12 U	13 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V		ug/kg	12 U	13 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V		ug/kg	12 U	13 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V		ug/kg	12 U	13 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V		ug/kg	12 U	13 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V		ug/kg	12 U	13 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V		ug/kg	12 U	13 U

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Semi-Volatile Organic Compounds

9/23/2003
Page 1 of 6

Cas Rn	Chemical Name	Sample Code	Analytic Method	Unit \	Sample Name	Sample Date	SDS-001 BZJ31 4/25/2001	SDS-002 BZJ32 4/25/2001	SDS-003 B07G8 4/25/2001	SDS-004 B07G9 4/26/2001	SDS-005 B07H0 4/26/2001	SDS-005-DUP B07J6 4/26/2001
(Group Code)	(Group Description)											
2-SV-1-s	Semi-Volatile Organics -page 1 - OLM04.2											
100-52-7	Benzaldehyde		OLM04-2-SV	ug/kg			1200 J	690 U	520 J	970 U	120 J	150 J
108-95-2	Phenol		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
111-44-4	bis(2-Chloroethyl)ether		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
95-57-8	2-Chlorophenol		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
95-48-7	2-Methylphenol		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
108-60-1	2,2'-oxybis(1-Chloropropane)		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
98-86-2	Acetophenone		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
106-44-5	4-Methylphenol		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	160 J	100 J	210 J
621-64-7	N-Nitroso-di-n-propylamine		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
67-72-1	Hexachloroethane		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
98-95-3	Nitrobenzene		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
78-59-1	Isophorone		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
88-75-5	2-Nitrophenol		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
105-67-9	2,4-Dimethylphenol		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
111-91-1	bis(2-Chloroethoxy)methane		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
120-83-2	2,4-Dichlorophenol		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
91-20-3	Naphthalene		OLM04-2-SV	ug/kg			130 J	190 J	410 J	5300	920 U	870 U
106-47-8	4-Chloroaniline		OLM04-2-SV	ug/kg			0 R	0 R	0 R	0 R	0 R	0 R
87-68-3	Hexachlorobutadiene		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
105-60-2	Caprolactam		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
59-50-7	4-Chloro-3-methylphenol		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
91-57-6	2-Methylnaphthalene		OLM04-2-SV	ug/kg			2600 U	180 J	730 J	5900	920 U	870 U
77-47-4	Hexachlorocyclopentadiene		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
88-06-2	2,4,6-Trichlorophenol		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
95-95-4	2,4,5-Trichlorophenol		OLM04-2-SV	ug/kg			6500 U	1700 U	6300 U	2400 U	2300 U	2200 U
92-52-4	1,1'-Biphenyl		OLM04-2-SV	ug/kg			2600 U	690 U	240 J	100 J	920 U	870 U
91-58-7	2-Chloronaphthalene		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
88-74-4	2-Nitroaniline		OLM04-2-SV	ug/kg			6500 U	1700 U	6300 U	2400 U	2300 U	2200 U
131-11-3	Dimethylphthalate		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
606-20-2	2,6-Dinitrotoluene		OLM04-2-SV	ug/kg			2600 U	690 U	2500 U	970 U	920 U	870 U
208-96-8	Acenaphthylene		OLM04-2-SV	ug/kg			2600 U	150 J	2500 U	970 U	920 U	870 U
99-09-2	3-Nitroaniline		OLM04-2-SV	ug/kg			6500 U	1700 U	6300 U	2400 U	2300 U	2200 U
83-32-9	Acenaphthene		OLM04-2-SV	ug/kg			240 J	49 J	2200 J	50 J	920 U	870 U

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Semi-Volatile Organic Compounds

9/23/2003
Page 2 of 6

Cas Rn	Chemical Name	Analytic Method	Unit \	Sample Code Sample Name Sample Date	SDS-001 BZJ31 4/25/2001	SDS-002 BZJ32 4/25/2001	SDS-003 B07G8 4/25/2001	SDS-004 B07G9 4/26/2001	SDS-005 B07H0 4/26/2001	SDS-005-DUP B07J6 4/26/2001
3-SV-2-s	Semi-Volatile Organics -page 2 - OLM04.2									
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg		6500 UJ	1700 U	6300 UJ	2400 UJ	2300 UJ	2200 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg		6500 U	1700 U	6300 U	2400 U	2300 U	2200 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg		2600 U	690 U	1300 J	970 U	920 U	870 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg		2600 U	690 U	2500 U	970 U	920 U	870 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg		2600 U	690 U	2500 U	970 U	920 U	870 U
86-73-7	Fluorene	OLM04-2-SV	ug/kg		250 J	150 J	2400 J	83 J	920 U	870 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg		2600 U	690 U	2500 U	970 U	920 U	870 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg		6500 U	1700 U	6300 U	2400 U	2300 U	2200 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg		6500 UJ	1700 U	6300 UJ	2400 UJ	2300 UJ	2200 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg		2600 U	690 U	2500 U	970 U	920 U	870 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg		2600 U	690 U	2500 U	970 U	920 U	870 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg		2600 U	690 U	2500 U	970 U	920 U	870 U
1912-24-9	Atrazine	OLM04-2-SV	ug/kg		2600 UJ	0 R	2500 UJ	970 UJ	920 UJ	870 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg		6500 U	1700 U	6300 U	2400 U	2300 U	2200 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg		3700 U	430 J	19000	340 J	170 J	320 J
120-12-7	Anthracene	OLM04-2-SV	ug/kg		580 J	250 J	3700	72 J	920 U	870 U
86-74-8	Carbazole	OLM04-2-SV	ug/kg		460 J	100 J	3100	57 J	920 U	47 J
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg		2600 U	690 U	2500 U	970 U	920 U	1500
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg		7500	360 J	23000 D	650 J	230 J	510 J
129-00-0	Pyrene	OLM04-2-SV	ug/kg		6000	340 J	17000	560 J	200 J	440 J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg		2600 U	690 U	2500 U	970 U	920 U	870 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg		2600 U	690 U	2500 U	970 U	920 U	870 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg		2900	160 J	8900	250 J	89 J	190 J
218-01-9	Chrysene	OLM04-2-SV	ug/kg		3300	190 J	10000	370 J	150 J	280 J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg		2600 U	690 U	2500 U	970 U	920 U	870 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg		2600 U	690 U	2500 U	970 U	920 U	870 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg		3300	160 J	7600	330 J	98 J	230 J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg		2300 J	100 J	8100	210 J	91 J	110 J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg		2900	130 J	8600	270 J	90 J	200 J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg		2100 J	83 J	5600	180 J	60 J	120 J
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg		910 J	690 U	2400 J	69 J	920 U	870 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg		2400 J	95 J	6400	220 J	86 J	130 J

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Semi-Volatile Organic Compounds

9/23/2003
Page 3 of 6

Gas Rn	Chemical Name (Group Code)	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SDS-006 B07H1 4/26/2001	SDS-007 B07H2 4/26/2001	SDS-008 B07H3 4/26/2001	SDS-009 B07H4 4/26/2001	SDS-010 B07H5 4/27/2001	SDS-011 B07H6 4/27/2001
2-SV-1-s									
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	260 J	700 J	190 J	720 U	4900 UJ	5700 UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	190 J	47 J	830 U	720 U	4900 UJ	5700 UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	0 R	0 R	0 R	0 R	0 R	0 R
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	180 J	52 J	830 U	720 U	4900 UJ	5700 UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	2000 U	2200 U	2100 U	1800 U	12000 UJ	14000 UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	55 J	870 U	830 U	720 U	4900 UJ	5700 UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	2000 U	2200 U	2100 U	1800 U	12000 UJ	14000 UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	44 J	81 J	830 U	720 U	390 J	5700 UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	2000 U	2200 U	2100 U	1800 U	12000 UJ	14000 UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	570 J	230 J	150 J	67 J	1200 J	1000 J

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Unit \\\	Sample Code Sample Name Sample Date	SDS-006 B07H1 4/26/2001	SDS-007 B07H2 4/26/2001	SDS-008 B07H3 4/26/2001	SDS-009 B07H4 4/26/2001	SDS-010 B07H5 4/27/2001	SDS-011 B07H6 4/27/2001
Semi-Volatile Organics -page 2 - OLM04.2										
3-SV-2-s										
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg		2000 UJ	2200 U	2100 UJ	1800 U	12000 UJ	14000 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg		2000 U	2200 U	2100 U	1800 U	12000 UJ	14000 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg		390 J	160 J	81 J	45 J	720 J	670 J
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg		810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg		810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg		690 J	300 J	200 J	97 J	1900 J	1300 J
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg		810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg		2000 U	2200 U	2100 U	1800 U	12000 UJ	14000 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg		2000 UJ	2200 U	2100 UJ	1800 U	12000 UJ	14000 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg		810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg		810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg		810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg		810 UJ	0 R	830 UJ	0 R	4900 UJ	5700 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg		2000 U	2200 U	2100 U	1800 U	12000 UJ	14000 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg		4600	4300	2200	1300	23000 J	10000 J
120-12-7	Anthracene	OLM04-2-SV	ug/kg		880	620 J	430 J	170 J	4300 J	1500 J
86-74-8	Carbazole	OLM04-2-SV	ug/kg		700 J	730 J	240 J	180 J	3000 J	950 J
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg		810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg		5600	7800 D	3700	2100	40000 JD	14000 J
129-00-0	Pyrene	OLM04-2-SV	ug/kg		4400	6400	3200	1700	35000 J	11000 J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg		810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg		810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg		2100	2800	1700	800	17000 J	4800 J
218-01-9	Chrysene	OLM04-2-SV	ug/kg		2400	3700	1900	1100	20000 J	6800 J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg		810 U	870 U	830 U	720 U	2200 J	1600 J
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg		810 U	870 U	830 U	720 U	4900 UJ	5700 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg		3800	3200	1400	1100	21000 J	5900 J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg		810 U	2700	1300	650 J	16000 J	4600 J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg		2100	3100	1500	870	16000 J	4700 J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg		1400	1900	980	590 J	11000 J	3200 J
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg		620 J	840 J	480 J	280 J	5200 J	1500 J
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg		1500	2200	970	620 J	12000 J	3300 J

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SDS-012 B07H7 4/27/2001	SDS-013 B07H8 4/27/2001
(Group Code)	(Group Description)				
2-SV-1-s	Semi-Volatile Organics -page 1 - OLM04.2				
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	390 U	2300 U
108-95-2	Phenol	OLM04-2-SV	ug/kg	390 U	2300 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	390 U	2300 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	390 U	2300 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	390 U	2300 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	390 U	2300 U
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	390 U	2300 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	20 J	2300 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	390 U	2300 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	390 U	2300 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	390 U	2300 U
78-59-1	Isophorone	OLM04-2-SV	ug/kg	390 U	2300 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	390 U	2300 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	390 U	2300 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	390 U	2300 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	390 U	2300 U
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	24 J	2300 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	0 R	0 R
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	390 U	2300 U
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	390 U	2300 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	390 U	2300 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	57 J	2300 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	390 U	2300 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	390 U	2300 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	990 U	5700 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	29 J	2300 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	390 U	2300 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	990 U	5700 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	390 U	2300 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	390 U	2300 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	390 U	2300 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	990 U	5700 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	210 J	270 J

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SDS-012 B07H7 4/27/2001	SDS-013 B07H8 4/27/2001
3-SV-2-s	Semi-Volatile Organics -page 2 - OLM04.2				
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	990 U	5700 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	990 U	5700 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	110 J	160 J
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	390 U	2300 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	390 U	2300 U
86-73-7	Fluorene	OLM04-2-SV	ug/kg	230 J	390 J
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	390 U	2300 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	990 U	5700 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	990 U	5700 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	390 U	2300 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	390 U	2300 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	390 U	2300 U
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	390 UJ	2300 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	990 U	5700 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	1900	3500
120-12-7	Anthracene	OLM04-2-SV	ug/kg	340 J	550 J
86-74-8	Carbazole	OLM04-2-SV	ug/kg	240 J	500 J
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	390 U	2300 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	2100	4900
129-00-0	Pyrene	OLM04-2-SV	ug/kg	1700	3800
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	390 U	2300 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	390 U	2300 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	770	1600 J
218-01-9	Chrysene	OLM04-2-SV	ug/kg	830	2000 J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	50 J	230 J
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	390 U	2300 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	780	1900 J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	530	1300 J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	640	1500 J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	440	1000 J
53-70-3	Dibenzo(a,h)anthracene	OLM04-2-SV	ug/kg	230 J	540 J
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	490	1100 J

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Pesticides/PCBs

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit	SDS-001 BZJ31 4/25/2001	SDS-002 BZJ32 4/25/2001	SDS-003 B07G8 4/25/2001	SDS-004 B07G9 4/26/2001	SDS-005 B07H0 4/26/2001	SDS-005-DUP B07J6 4/26/2001
(Group Code)	(Group Description)									
4-P/PCBs-s	Pesticide/PCB Organics - OLM04.2									
319-84-6	alpha-BHC	ug/kg	OLM04-2-PP		2.6 UJ	1.8 UJ	2.6 UJ	2.5 UJ	2.4 UJ	2.3 UJ
319-85-7	beta-BHC	ug/kg	OLM04-2-PP		2.6 UJ	1.8 UJ	2.6 UJ	2.5 UJ	2.4 UJ	2.3 UJ
319-86-8	delta-BHC	ug/kg	OLM04-2-PP		2.6 UJ	1.8 UJ	2.6 UJ	2.5 UJ	2.4 UJ	2.3 UJ
58-89-9	gamma-BHC (Lindane)	ug/kg	OLM04-2-PP		2.6 UJ	1.8 UJ	2.6 UJ	2.5 UJ	2.4 UJ	2.3 UJ
76-44-8	Heptachlor	ug/kg	OLM04-2-PP		3.7 UJ	2.6 UJ	3.8 UJ	4.8 UJ	3 UJ	3.9 UJ
309-00-2	Aldrin	ug/kg	OLM04-2-PP		2.6 UJ	1.8 UJ	2.6 UJ	2.5 UJ	2.4 UJ	2.3 UJ
1024-57-3	Heptachlor epoxide	ug/kg	OLM04-2-PP		2.6 UJ	1.8 UJ	2.6 UJ	2.5 UJ	2.4 UJ	2.3 UJ
959-98-8	Endosulfan I	ug/kg	OLM04-2-PP		2.6 UJ	1.8 UJ	2.6 UJ	2.5 UJ	2.4 UJ	2.3 UJ
60-57-1	Dieldrin	ug/kg	OLM04-2-PP		3.7 J	3.4 UJ	5 UJ	4.9 UJ	4.6 UJ	4.4 UJ
72-55-9	4,4'-DDE	ug/kg	OLM04-2-PP		110 DJ	3.4 UJ	5 UJ	4.9 UJ	4.6 UJ	5.8 NJ
72-20-8	Endrin	ug/kg	OLM04-2-PP		5.1 UJ	3.4 UJ	5 UJ	2.3 J	4.6 UJ	4.4 UJ
33213-65-9	Endosulfan II	ug/kg	OLM04-2-PP		5.1 UJ	3.4 UJ	5 UJ	4.9 UJ	4.6 UJ	4.4 UJ
72-54-8	4,4'-DDD	ug/kg	OLM04-2-PP		90 J	3.4 UJ	5 UJ	4.9 UJ	4.6 UJ	4.4 UJ
1031-07-8	Endosulfan sulfate	ug/kg	OLM04-2-PP		5.1 UJ	3.4 UJ	5 UJ	4.9 UJ	4.6 UJ	4.4 UJ
50-29-3	4,4'-DDT	ug/kg	OLM04-2-PP		550 DJ	1.7 J	5 UJ	4.9 UJ	4.6 UJ	9.5 NJ
72-43-5	Methoxychlor	ug/kg	OLM04-2-PP		26 UJ	18 UJ	26 UJ	20 J	24 UJ	23 UJ
53494-70-5	Endrin ketone	ug/kg	OLM04-2-PP		5.1 UJ	3.4 UJ	5 UJ	4.8 J	4.6 UJ	4.4 UJ
7421-93-4	Endrin aldehyde	ug/kg	OLM04-2-PP		5.1 UJ	3.4 UJ	5 UJ	4.9 UJ	4.6 UJ	4.4 UJ
5103-71-9	alpha-Chlordane	ug/kg	OLM04-2-PP		0 R	1.8 UJ	0 R	2.5 UJ	0 R	5.3 NJ
5103-74-2	gamma-Chlordane	ug/kg	OLM04-2-PP		3.8 UJ	1.8 UJ	5 UJ	2.5 UJ	3.2 UJ	5.8 UJ
8001-35-2	Toxaphene	ug/kg	OLM04-2-PP		260 UJ	180 UJ	260 UJ	250 UJ	240 UJ	230 UJ
12674-11-2	Aroclor-1016	ug/kg	OLM04-2-PP		51 UJ	34 UJ	50 UJ	49 UJ	46 UJ	44 UJ
11104-28-2	Aroclor-1221	ug/kg	OLM04-2-PP		100 UJ	69 UJ	100 UJ	100 UJ	93 UJ	89 UJ
11141-16-5	Aroclor-1232	ug/kg	OLM04-2-PP		51 UJ	34 UJ	50 UJ	49 UJ	46 UJ	44 UJ
53469-21-9	Aroclor-1242	ug/kg	OLM04-2-PP		51 UJ	34 UJ	50 UJ	49 UJ	46 UJ	44 UJ
12672-29-6	Aroclor-1248	ug/kg	OLM04-2-PP		51 UJ	34 UJ	50 UJ	49 UJ	46 UJ	44 UJ
11097-69-1	Aroclor-1254	ug/kg	OLM04-2-PP		51 UJ	34 UJ	50 UJ	49 UJ	46 UJ	44 UJ
11096-82-5	Aroclor-1260	ug/kg	OLM04-2-PP		51 UJ	34 UJ	50 UJ	49 UJ	46 UJ	44 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Pesticides/PCBs

Cas Rn	Chemical Name (Group Code)	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	SDS-006 B07H1 4/26/2001	SDS-007 B07H2 4/26/2001	SDS-008 B07H3 4/26/2001	SDS-009 B07H4 4/26/2001	SDS-010 B07H5 4/27/2001	SDS-011 B07H6 4/27/2001
4-P/PCBs-s	Pesticide/PCB Organics - OLM04.2									
319-84-6	alpha-BHC	OLM04-2-PP		ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	1.9 UJ	5 UJ	5.8 UJ
319-85-7	beta-BHC	OLM04-2-PP		ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	1.9 UJ	5 UJ	5.8 UJ
319-86-8	delta-BHC	OLM04-2-PP		ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	1.9 UJ	5 UJ	5.8 UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP		ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	1.9 UJ	5 UJ	5.8 UJ
76-44-8	Heptachlor	OLM04-2-PP		ug/kg	2.9 UJ	3.3 UJ	2.1 UJ	3 UJ	5 UJ	5.8 UJ
309-00-2	Aldrin	OLM04-2-PP		ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	1.9 UJ	5 UJ	5.8 UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP		ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	1.9 UJ	5 UJ	13 J
959-98-8	Endosulfan I	OLM04-2-PP		ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	1.9 UJ	5 UJ	5.8 UJ
60-57-1	Dieldrin	OLM04-2-PP		ug/kg	4 UJ	4.3 UJ	4.1 UJ	3.6 UJ	20 J	13 J
72-55-9	4,4'-DDE	OLM04-2-PP		ug/kg	4 UJ	4.3 UJ	4.1 UJ	3.6 UJ	71 J	90 J
72-20-8	Endrin	OLM04-2-PP		ug/kg	4 UJ	2 J	1.5 J	3.6 UJ	9.7 UJ	11 UJ
33213-65-9	Endosulfan II	OLM04-2-PP		ug/kg	4 UJ	4.3 UJ	4.1 UJ	3.6 UJ	9.7 UJ	0 R
72-54-8	4,4'-DDD	OLM04-2-PP		ug/kg	4 UJ	4.3 UJ	4.1 UJ	3.6 UJ	71 J	15 J
1031-07-8	Endosulfan sulfate	OLM04-2-PP		ug/kg	4 UJ	4.3 UJ	4.1 UJ	1.7 J	9.7 UJ	11 UJ
50-29-3	4,4'-DDT	OLM04-2-PP		ug/kg	4 UJ	4.3 UJ	4.1 UJ	3.6 UJ	17 NJ	11 UJ
72-43-5	Methoxychlor	OLM04-2-PP		ug/kg	21 UJ	22 UJ	4.1 UJ	19 UJ	50 UJ	58 UJ
53494-70-5	Endrin ketone	OLM04-2-PP		ug/kg	4 UJ	4.3 UJ	4.1 UJ	3.6 UJ	9.7 UJ	11 UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP		ug/kg	4 UJ	4.3 UJ	4.1 UJ	3.6 UJ	6.5 J	4.4 J
5103-71-9	alpha-Chlordane	OLM04-2-PP		ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	1.9 UJ	80 J	11 J
5103-74-2	gamma-Chlordane	OLM04-2-PP		ug/kg	2.1 UJ	2.9 UJ	2.1 UJ	2.8 UJ	70 J	5.8 UJ
8001-35-2	Toxaphene	OLM04-2-PP		ug/kg	210 UJ	220 UJ	210 UJ	190 UJ	500 UJ	580 UJ
12674-11-2	Aroclor-1016	OLM04-2-PP		ug/kg	40 UJ	43 UJ	41 UJ	36 UJ	97 UJ	110 UJ
11104-28-2	Aroclor-1221	OLM04-2-PP		ug/kg	82 UJ	87 UJ	84 UJ	73 UJ	200 UJ	230 UJ
11141-16-5	Aroclor-1232	OLM04-2-PP		ug/kg	40 UJ	43 UJ	41 UJ	36 UJ	97 UJ	110 UJ
53469-21-9	Aroclor-1242	OLM04-2-PP		ug/kg	40 UJ	43 UJ	41 UJ	36 UJ	97 UJ	110 UJ
12672-29-6	Aroclor-1248	OLM04-2-PP		ug/kg	40 UJ	43 UJ	41 UJ	36 UJ	97 UJ	210 J
11097-69-1	Aroclor-1254	OLM04-2-PP		ug/kg	40 UJ	43 UJ	41 UJ	36 UJ	97 UJ	360 J
11096-82-5	Aroclor-1260	OLM04-2-PP		ug/kg	40 UJ	43 UJ	41 UJ	36 UJ	97 UJ	110 UJ

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Pesticides/PCBs

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \
(Group Code)	(Group Description)			
4-P/PCBs-s	Pesticide/PCB Organics - OLM04.2			
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	
309-00-2	Aldrin	OLM04-2-PP	ug/kg	
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	
72-20-8	Endrin	OLM04-2-PP	ug/kg	
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	

SDS-012 B07H7 4/27/2001	SDS-013 B07H8 4/27/2001
2 U	2.3 U
2 U	2.3 U
2 U	2.3 U
2 U	2.3 U
2.1 U	2.3 U
2 U	2.3 U
2 U	2.3 U
2 U	2.3 U
3.9 U	4.5 U
4.7 J	5.4 J
4.5 J	4.5 U
7.5 NJ	4.5 U
5.8	22 J
3.9 U	4.5 U
4.6 J	0 R
20 U	0 R
12 NJ	0 R
3.9 U	4.5 U
0 R	0 R
12	13
200 U	230 U
39 U	45 U
80 U	91 U
39 U	45 U
39 U	45 U
39 U	45 U
39 U	45 U
39 U	45 U

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Inorganic Compounds

Cas Rn	Chemical Name (Group Code) (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \)	SDS-001 MBQR58 4/25/2001	SDS-002 MBQR59 4/25/2001	SDS-003 MBQR60 4/25/2001	SDS-004 MBQR61 4/26/2001	SDS-005 MBQR62 4/26/2001	SDS-005-DUP MBQR77 4/26/2001
5-Inorg-s	Inorganic Analytes - ILM04.1									
7429-90-5	Aluminum	ILM04-1-M		mg/kg	7880 *	1040 *	2690 *	2420 *	1380 *	1120 *
7440-36-0	Antimony	ILM04-1-M		mg/kg	3.7 U	2.1 U	3.1 U	2.8 U	2.6 U	2.5 U
7440-38-2	Arsenic	ILM04-1-M		mg/kg	8	1.9 B	3.5	1.6 B	2.3 B	1.4 U
7440-39-3	Barium	ILM04-1-M		mg/kg	46 B	4.9 B	21 B	10.1 B	8 B	7.2 B
7440-41-7	Beryllium	ILM04-1-M		mg/kg	0.45 B	0.1 B	0.16 B	0.14 B	0.09 B	0.07 B
7440-43-9	Cadmium	ILM04-1-M		mg/kg	0.44 B	0.09 U	0.23 B	0.11 U	0.1 U	0.1 U
7440-70-2	Calcium	ILM04-1-M		mg/kg	11400	18700	16100	14600	1590	1100 B
7440-47-3	Chromium	ILM04-1-M		mg/kg	39.6 J	3.3 J	6.4 J	7.2 J	7.3 J	2.3 B
7440-48-4	Cobalt	ILM04-1-M		mg/kg	6.4 B	1.7 B	2.9 B	2 B	1.5 B	1.3 B
7440-50-8	Copper	ILM04-1-M		mg/kg	30.7	6	15.8	10.7	9.9	6.4
7439-89-6	Iron	ILM04-1-M		mg/kg	13800	2670	5590	3440	2630	2270
7439-92-1	Lead	ILM04-1-M		mg/kg	86.4	3.7	20.6	44.1	4.9	3.7
7439-95-4	Magnesium	ILM04-1-M		mg/kg	5050	11400	9210	8730	765 B	597 B
7439-96-5	Manganese	ILM04-1-M		mg/kg	904	125	730	51.3	50.2	52.1
7439-97-6	Mercury	ILM04-1-M		mg/kg	0.18 U	0.11 U	0.15 U	0.14 U	0.13 U	0.13 U
7440-02-0	Nickel	ILM04-1-M		mg/kg	20	2.8 B	8.1 B	5.6 B	4.9 B	2.9 B
7440-09-7	Potassium	ILM04-1-M		mg/kg	623 BE	150 BE	262 BE	249 BE	133 BE	115 BE
7782-49-2	Selenium	ILM04-1-M		mg/kg	1.8 U	1 U	1.5 U	1.3 U	1.3 U	1.2 U
7440-22-4	Silver	ILM04-1-M		mg/kg	0.74 UNJ	0.42 UNJ	0.63 UNJ	0.56 UNJ	0.52 UNJ	0.5 UNJ
7440-23-5	Sodium	ILM04-1-M		mg/kg	101 B	58 B	183 B	71.6 U	110 B	69.1 B
7440-28-0	Thallium	ILM04-1-M		mg/kg	2.5 U	1.5 U	2.2 U	1.9 U	1.8 U	1.7 U
7440-62-2	Vanadium	ILM04-1-M		mg/kg	49.3	3.3 B	16.9	13.7 B	7.6 B	5.7 B
7440-66-6	Zinc	ILM04-1-M		mg/kg	126		204	51.8	38.1	28.2
57-12-5	Cyanide	ILM04-1-CN		mg/kg	0.42 U	0.24 U		0.69 B	0.3 U	0.29 U

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Inorganic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SDS-006 MBQR63 4/26/2001	SDS-007 MBQR64 4/26/2001	SDS-008 MBQR65 4/26/2001	SDS-009 MBQR66 4/26/2001	SDS-010 MBQR67 4/27/2001	SDS-011 MBQR68 4/27/2001
(Group Code)	(Group Description)								
5-Inorg-s	Inorganic Analytes - ILM04.1								
7429-90-5	Aluminum	ILM04-1-M	mg/kg	2000 *	3600 *	1750 *	1240 *	9950 *J	10500 *J
7440-36-0	Antimony	ILM04-1-M	mg/kg	2.4 U	2.4 U	2.5 U	2.2 U	5.4 UU	7.3 UU
7440-38-2	Arsenic	ILM04-1-M	mg/kg	1.3 U	2.3 B	1.6 B	1.5 B	5.8 J	6.6 BJ
7440-39-3	Barium	ILM04-1-M	mg/kg	10 B	17.2 B	7.2 B	5.3 B	54.3 BJ	41.3 BJ
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.09 B	0.21 B	0.1 B	0.09 B	0.58 BJ	0.51 BJ
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.1 U	0.31 B	0.1 U	0.09 U	0.7 BJ	1 BJ
7440-70-2	Calcium	ILM04-1-M	mg/kg	15300	18300	15800	31200	17400 J	21100 J
7440-47-3	Chromium	ILM04-1-M	mg/kg	3.7 J	6.6 J	4.6 J	2.4 J	17.4 J	24.1 J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	1.2 B	3.1 B	1.2 B	1.5 B	6.3 BJ	6.3 BJ
7440-50-8	Copper	ILM04-1-M	mg/kg	6.4	12.8	5.2 B	5.4 B	76.4 J	38.7 J
7439-89-6	Iron	ILM04-1-M	mg/kg	2920	6360	3740	3110	12500 J	10000 J
7439-92-1	Lead	ILM04-1-M	mg/kg	8.8	67	5.6	6	76.2 J	110 J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	4230	10600	9270	18900	8650 J	11700 J
7439-96-5	Manganese	ILM04-1-M	mg/kg	111	475	99.7	116	434 J	228 J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.12 U	0.12 U	0.11 U	0.1 U	0.24 UU	0.37 UU
7440-02-0	Nickel	ILM04-1-M	mg/kg	3.7 B	12.6	3.3 B	2.9 B	23.2 J	26.8 BJ
7440-09-7	Potassium	ILM04-1-M	mg/kg	186 BE	361 BE	175 BE	190 BE	604 BEJ	739 BEJ
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.1 U	2.1	1.2 U	1.1 U	2.6 UU	3.5 UU
7440-22-4	Silver	ILM04-1-M	mg/kg	0.48 UNJ	0.49 UNJ	0.5 UNJ	0.44 UNJ	1.1 UNJ	1.5 UNJ
7440-23-5	Sodium	ILM04-1-M	mg/kg	98.6 B	78.3 B	87.9 B	66.6 B	283 BJ	326 BJ
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.6 U	1.7 U	1.7 U	1.5 U	3.7 UU	5 UU
7440-62-2	Vanadium	ILM04-1-M	mg/kg	9.1 B	28.6	7.5 B	8.9 B	53.1 J	71.2 J
7440-66-6	Zinc	ILM04-1-M	mg/kg	50	91	26.7	21.4	228 J	318 J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.27 U	0.27 U	0.28 U	0.24 U	0.6 UU	2 J

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Inorganic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	SDS-012 MBQR69 4/27/2001	SDS-013 MBQR70 4/27/2001
5-Inorg-s	Inorganic Analytes - ILM04.1					
7429-90-5	Aluminum	ILM04-1-M		mg/kg	581 *	2410 *
7440-36-0	Antimony	ILM04-1-M		mg/kg	2.4 U	2.8 U
7440-38-2	Arsenic	ILM04-1-M		mg/kg	1.3 U	2.2 B
7440-39-3	Barium	ILM04-1-M		mg/kg	2.6 B	9.4 B
7440-41-7	Beryllium	ILM04-1-M		mg/kg	0.02 B	0.1 B
7440-43-9	Cadmium	ILM04-1-M		mg/kg	0.1 U	0.11 U
7440-70-2	Calcium	ILM04-1-M		mg/kg	1560	1750
7440-47-3	Chromium	ILM04-1-M		mg/kg	2.5 J	2.6 B
7440-48-4	Cobalt	ILM04-1-M		mg/kg	0.48 B	2.9 B
7440-50-8	Copper	ILM04-1-M		mg/kg	5.6 B	39.6
7439-89-6	Iron	ILM04-1-M		mg/kg	1450	6190
7439-92-1	Lead	ILM04-1-M		mg/kg	5.8	10.5
7439-95-4	Magnesium	ILM04-1-M		mg/kg	920 B	1080 B
7439-96-5	Manganese	ILM04-1-M		mg/kg	34.7	57.1
7439-97-6	Mercury	ILM04-1-M		mg/kg	0.12 U	0.14 U
7440-02-0	Nickel	ILM04-1-M		mg/kg	1.4 B	4.1 B
7440-09-7	Potassium	ILM04-1-M		mg/kg	53.1 BE	181 BE
7782-49-2	Selenium	ILM04-1-M		mg/kg	1.1 U	1.3 U
7440-22-4	Silver	ILM04-1-M		mg/kg	0.47 UNJ	0.56 UNJ
7440-23-5	Sodium	ILM04-1-M		mg/kg	61.1 U	320 B
7440-28-0	Thallium	ILM04-1-M		mg/kg	1.6 U	1.9 U
7440-62-2	Vanadium	ILM04-1-M		mg/kg	4.2 B	14.7
7440-66-6	Zinc	ILM04-1-M		mg/kg	15.5	36.3
57-12-5	Cyanide	ILM04-1-CN		mg/kg	3	0.32 U

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Wet Chemistry

9/24/2003
Page 1 of 3

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	SDS-001 4/25/2001	SDS-002 4/25/2001	SDS-003 4/25/2001	SDS-004 4/26/2001	SDS-005 4/26/2001	SDS-005-DUP 4/26/2001
(Group Code)	(Group Description)									
SDS-Wet	SDS-SDW Samples Wet Chemistry Analysis									
pH	pH	SW9040C		S.U.	7.32	7.61	7.16	6.33	6.48	6.46
Grain-4	#4 Sieve	ASTM-D421		%	9.9	9.2	7.1	5	8.4	5.1
Grain-10	#10 Sieve	ASTM-D421		%	27.1	13.8	21.5	6.3	11.3	10.9
Grain-20	#20 Sieve	ASTM-D421		%	21.9	18.1	30.4	12.2	11.1	24.7
Grain-40	#40 Sieve	ASTM-D421		%	17.3	27	26.4	27.5	21.7	31.9
Grain-60	#60 Sieve	ASTM-D421		%	10.2	13.7	8.7	23.2	22.7	17.3
Grain-120	#120 Sieve	ASTM-D421		%	5.8	3.2	2.6	16.4	14.9	6.8
Grain-200	#200 Sieve	ASTM-D421		%	2.7	0.7	0.7	4.7	2.8	1.5
pan	pan	ASTM-D421		%	5.1	0.9	0.7	2.5	1.1	1
TOC	Total organic carbon	LLOYD KAHN		mg/kg	78000	2160	58500	34100 J	9910	8550 J

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Wet Chemistry

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SDS-006 4/26/2001	SDS-007 4/26/2001	SDS-008 4/26/2001	SDS-009 4/26/2001	SDS-010 4/27/2001	SDS-011 4/27/2001
(Group Code)	(Group Description)								
SDS-Wet	SDS-SDW Samples Wet Chemistry Analysis								
pH	pH	SW9040C	S.U.	7.53	7.16	6.6	7.39	6.99	7.64
Grain-4	#4 Sieve	ASTM-D421	%	13.2	14.6	10.3	9.2	7.9	6.6
Grain-10	#10 Sieve	ASTM-D421	%	17.5	28.1	20.5	20.3	20.7	27.9
Grain-20	#20 Sieve	ASTM-D421	%	27.2	25.9	24	26.2	21.3	26.9
Grain-40	#40 Sieve	ASTM-D421	%	24.6	13.9	26.3	22	15.9	15.2
Grain-60	#60 Sieve	ASTM-D421	%	7.7	4.4	11.9	8	8.9	7
Grain-120	#120 Sieve	ASTM-D421	%	2	2	4.6	2.9	8.4	6
Grain-200	#200 Sieve	ASTM-D421	%	0.5	0.7	1.2	0.8	5.5	3.6
pan	pan	ASTM-D421	%	0.5	0.7	0.5	8.2	11.4	6.9
TOC	Total organic carbon	LLOYD KAHN	mg/kg	24100	47400	13800	10100	176000	172000

SMITHTOWN GROUNDWATER CONTAMINATION
Storm Drain Sediment Samples
Wet Chemistry

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	SDS-012 4/27/2001	SDS-013 4/27/2001
(Group Code)	(Group Description)					
SDS-Wet	SDS-SDW Samples Wet Chemistry Analysis					
pH	pH			S.U.	7.62	7.15
Grain-4	#4 Sieve	SW9040C		%	3.5	8
Grain-10	#10 Sieve	ASTM-D421		%	8.5	18.9
Grain-20	#20 Sieve	ASTM-D421		%	22.9	22
Grain-40	#40 Sieve	ASTM-D421		%	39.9	29.1
Grain-60	#60 Sieve	ASTM-D421		%	18.6	12.2
Grain-120	#120 Sieve	ASTM-D421		%	3.8	4
Grain-200	#200 Sieve	ASTM-D421		%	0.3	1
pan	pan	ASTM-D421		%	0.1	1
TOC	Total organic carbon	LLOYD KAHN		mg/kg	4850	18900



Sanitary Sludge (SL) Samples

SMITHTOWN GROUNDWATER CONTAMINATION
Sludge Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	SL-1 B0QA0 2/11/2003	SL-10 B0Q19 2/11/2003	SL-11 B0Q20 2/11/2003	SL-11-DUP B0Q21 2/11/2003	SL-3 B0QA2 2/13/2003	SL-4 B0QA3 2/12/2003
(Group Code)	(Group Description)									
1-VOA-s	Volatile Organic Compounds - OLM04.2									
75-71-8	Dichlorodifluoromethane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
74-87-3	Chloromethane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
75-01-4	Vinyl Chloride	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
74-83-9	Bromomethane	ug/kg	OLM04-2-V		120 U	41 U	19 U	75 U	14 U	10 U
75-00-3	Chloroethane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
75-69-4	Trichlorofluoromethane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
75-35-4	1,1-Dichloroethene	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
67-64-1	Acetone	ug/kg	OLM04-2-V		470 U	43 U	62 U	360 U	160 U	14 U
75-15-0	Carbon Disulfide	ug/kg	OLM04-2-V		440 U	13 U	17 U	430 U	5 U	10 U
79-20-9	Methyl Acetate	ug/kg	OLM04-2-V		120 U	13 U	5 U	75 U	4 U	10 U
75-09-2	Methylene Chloride	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
156-60-5	trans-1,2-Dichloroethene	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	ug/kg	OLM04-2-V		120 U	29 U	19 U	75 U	14 U	10 U
75-34-3	1,1-Dichloroethane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/kg	OLM04-2-V		120 U	13 U	15 U	30 U	14 U	10 U
78-93-3	2-Butanone	ug/kg	OLM04-2-V		110 U	11 U	16 U	38 U	18 U	3 U
67-66-3	Chloroform	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
110-82-7	Cyclohexane	ug/kg	OLM04-2-V		120 U	8 U	19 U	75 U	14 U	10 U
56-23-5	Carbon Tetrachloride	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
71-43-2	Benzene	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
107-06-2	1,2-Dichloroethane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
79-01-6	Trichloroethene	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
108-87-2	Methylcyclohexane	ug/kg	OLM04-2-V		120 U	15 U	5 U	21 U	14 U	3 U
78-87-5	1,2-Dichloropropane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
75-27-4	Bromodichloromethane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
108-88-3	Toluene	ug/kg	OLM04-2-V		1,500 U	220 U	110 U	400 U	7 U	5 U
10061-02-6	trans-1,3-Dichloropropene	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
127-18-4	Tetrachloroethene	ug/kg	OLM04-2-V		29 U	13 U	41 U	290 U	14 U	440 U
591-78-6	2-Hexanone	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
124-48-1	Dibromochloromethane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
106-93-4	1,2-Dibromoethane	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U
108-90-7	Chlorobenzene	ug/kg	OLM04-2-V		120 U	13 U	19 U	75 U	14 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Sludge Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	SL-1 B0QA0 2/11/2003	SL-10 B0Q19 2/11/2003	SL-11 B0Q20 2/11/2003	SL-11-DUP B0Q21 2/11/2003	SL-3 B0QA2 2/13/2003	SL-4 B0QA3 2/12/2003
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	120 U	110	10 J	37 J	14 U	10 U	
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	120 U	470	42	220	14 U	10 U	
100-42-5	Styrene	OLM04-2-V	ug/kg	120 U	13 U	19 U	75 U	14 U	10 U	
75-25-2	Bromoform	OLM04-2-V	ug/kg	120 U	13 U	19 U	75 U	14 U	10 U	
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	120 U	8 J	19 U	75 U	14 U	10 U	
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	120 U	13 U	19 U	75 U	14 U	10 U	
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	120 U	13 U	19 U	75 U	14 U	10 U	
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	120 U	13 U	19 U	75 U	14 U	10 U	
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	120 U	13 U	19 U	75 U	14 U	10 U	
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	120 U	13 U	19 U	75 U	14 U	10 U	
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	120 U	13 U	19 U	75 U	14 U	10 U	

SMITHTOWN GROUNDWATER CONTAMINATION

Sludge Samples

Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SL-5 B0QA4 2/11/2003	SL-6 B0QA5 2/12/2003	SL-7 B0Q16 2/13/2003	SL-8 B0Q17 2/12/2003
(Group Code)	(Group Description)						
1-VOA-s	Volatile Organic Compounds - OLM04.2						
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
67-64-1	Acetone	OLM04-2-V	ug/kg	280	34	2,800	2,600
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	750	12 U	740 U	1000 U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	69 U	12 U	160,000	280 U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	69 U	15	200 U	280 U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	200	12 U	200 U	490
78-93-3	2-Butanone	OLM04-2-V	ug/kg	98	3 J	1,200	320
67-66-3	Chloroform	OLM04-2-V	ug/kg	69 U	12 U	110 J	250 J
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	69 U	12 U	72 J	280 U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
71-43-2	Benzene	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	69 U	12 U	200 U	440
108-87-2	Methylcyclohexane	OLM04-2-V	ug/kg	69 U	12 U	200 U	160 J
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
108-88-3	Toluene	OLM04-2-V	ug/kg	730	11 J	28,000	30,000 J
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	15 J	12 U	48 J	1,100
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	69 U	12 U	200 U	63 J

SMITHTOWN GROUNDWATER CONTAMINATION
Sludge Samples
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	SL-5 B0QA4 2/11/2003	SL-6 B0QA5 2/12/2003	SL-7 B0Q16 2/13/2003	SL-8 B0Q17 2/12/2003
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	69 U	5 J	160 J	110 J
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	69 U	25	230	290
100-42-5	Styrene	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
75-25-2	Bromoform	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	69 U	12 U	200 U	500
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	3,400	12 U	2,100	1,600
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	69 U	12 U	200 U	280 U

SMITHTOWN GROUNDWATER CONTAMINATION
Sludge Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SL-1 BQA0 2/11/2003	SL-10 BQA19 2/11/2003	SL-11 BQA20 2/11/2003	SL-11-DUP BQA21 2/11/2003	SL-3 BQA2 2/13/2003	SL-4 BQA3 2/12/2003
(Group Code)	(Group Description)								
2-SV-1-s	Semi-Volatile Organics -page 1 - OLM04.2								
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	2,800 U	5100 U	7300 U	480 U	500 U	410 U
108-95-2	Phenol	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
78-59-1	Isophorone	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U

SMITHTOWN GROUNDWATER CONTAMINATION
Sludge Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Name Sample Date Unit \\\	SL-1 B0QA0 2/11/2003	SL-10 B0Q19 2/11/2003	SL-11 B0Q20 2/11/2003	SL-11-DUP B0Q21 2/11/2003	SL-3 B0QA2 2/13/2003	SL-4 B0QA3 2/12/2003
3-SV-2-s	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	52000 U	26000 U	36000 U	2400 U	2500 U	2100 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	170 J	280 J	220 J
86-73-7	Fluorene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	26000 U	13000 U	18000 U	1200 U	1300 U	1000 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
120-12-7	Anthracene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
86-74-8	Carbazole	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	190 J	240 J	270 J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
218-01-9	Chrysene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	45,000	5100 U	29000 U	1900 U	2000 U	1700 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	10000 U	5100 U	7300 U	480 U	500 U	410 U

SMITHTOWN GROUNDWATER CONTAMINATION
Sludge Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SL-5 BOQA4 2/11/2003	SL-6 BOQA5 2/12/2003	SL-7 BOQ16 2/13/2003	SL-8 BOQ17 2/12/2003
(Group Code)	(Group Description)						
2-SV-1-s	Semi-Volatile Organics -page 1 - OLM04.2						
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
108-95-2	Phenol	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	2700 U	480 U	45,000 U	1100000 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
78-59-1	Isophorone	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	2700 U	480 U	62,000 J	1100000 U
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U

SMITHTOWN GROUNDWATER CONTAMINATION
Sludge Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SL-5 B0QA4 2/11/2003	SL-6 B0QA5 2/12/2003	SL-7 B0Q16 2/13/2003	SL-8 B0Q17 2/12/2003
3-SV-2-s	Semi-Volatile Organics -page 2 - OLM04.2						
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	13000 U	2400 U	170000 U	5400000 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	2700 U	260 J	18,000 J	1100000 U
86-73-7	Fluorene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	6700 U	1200 U	83000 U	2700000 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
120-12-7	Anthracene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
86-74-8	Carbazole	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	2700 U	300 J	9,100 J	1100000 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
129-00-0	Pyrene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	2700 U	480 U	25,000 J	1100000 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
218-01-9	Chrysene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	11000 U	1900 U	130000 U	1100000 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	2700 U	480 U	33000 U	1100000 U

SMITHTOWN GROUNDWATER CONTAMINATION
Sludge Samples
Pesticides/PCBs

9/23/2003
Page 1 of 2

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	SL-1 B0QA0 2/11/2003	SL-10 B0Q19 2/11/2003	SL-11 B0Q20 2/11/2003	SL-11-DUP B0Q21 2/11/2003	SL-3 B0QA2 2/13/2003	SL-4 B0QA3 2/12/2003	SL-5 B0QA4 2/11/2003
4-P/PCBs-s	Pesticide/PCB Organics - OLM04.2									
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	3.3 U	1.6 U	2.2 U	1.5 U	1.6 U	1.3 U	1.7 U
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	3.3 U	1.6 U	2.2 U	1.5 U	1.6 U	1.3 U	1.7 U
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	3.3 U	1.6 U	2.2 U	1.5 U	1.6 U	1.3 U	1.7 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	3.3 U	1.6 U	2.2 U	1.5 U	1.6 U	1.3 U	1.7 U
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	3.3 U	1.6 U	2.2 U	1.5 U	1.6 U	1.3 U	1.7 U
309-00-2	Aldrin	OLM04-2-PP	ug/kg	3.3 U	1.6 U	2.2 U	1.5 U	1.6 U	1.3 U	1.7 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	3.3 U	1.6 U	2.2 U	1.5 U	1.6 U	1.3 U	1.7 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	3.3 U	1.6 U	2.2 U	1.5 U	1.6 U	1.3 U	1.7 U
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	6.5 U	3.2 U	4.4 U	3 U	3.2 U	8.6 U	3.5 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	6.5 U	3.2 U	4.4 U	3 U	3.2 U	130	3.5 U
72-20-8	Endrin	OLM04-2-PP	ug/kg	6.5 U	3.2 U	4.4 U	3 U	3.2 U	2.5 U	3.5 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	6.5 U	3.2 U	4.4 U	3 U	3.2 U	2.5 U	3.5 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	6.5 U	3.2 U	4.4 U	3 U	3.2 U	430	3.5 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	6.5 U	3.2 U	4.4 U	3 U	3.2 U	2.5 U	3.5 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	6.5 U	3.2 U	4.4 U	3 U	3.2 U	430	3.5 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	33 U	16 U	22 U	15 U	16 U	13 U	17 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	6.5 U	3.2 U	4.4 U	3 U	3.2 U	2.5 U	3.5 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	6.5 U	3.2 U	4.4 U	3 U	3.2 U	2.5 U	3.5 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	3.3 U	1.6 U	2.2 U	1.5 U	1.6 U	3.7	1.7 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	3.3 U	1.6 U	2.2 U	1.5 U	1.6 U	1.3 U	1.7 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	81 U	39 U	56 U	38 U	40 U	32 U	44 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	41 U	20 U	28 U	19 U	20 U	16 U	22 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	98 U	47 U	67 U	45 U	48 U	38 U	52 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	41 U	20 U	28 U	19 U	20 U	16 U	22 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	41 U	20 U	28 U	19 U	20 U	16 U	22 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	41 U	20 U	28 U	19 U	20 U	16 U	22 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	41 U	20 U	28 U	19 U	20 U	16 U	22 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	41 U	20 U	28 U	19 U	20 U	16 U	22 U

SMITHTOWN GROUNDWATER CONTAMINATION

Sludge Samples

Pesticides/PCBs

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SL-6 B0QA5 2/12/2003	SL-7 B0Q16 2/13/2003	SL-8 B0Q17 2/12/2003
(Group Code)	(Group Description)					
4-P/PCBs-s	Pesticide/PCB Organics - OLM04.2					
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	1.5 U	78 U	110 U
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	1.5 U	78 U	110 U
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	1.5 U	78 U	110 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	1.5 U	78 U	110 U
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	1.5 U	78 U	110 U
309-00-2	Aldrin	OLM04-2-PP	ug/kg	1.5 U	78 U	110 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	1.5 U	78 U	110 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	1.5 U	78 U	110 U
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	3 U	160 U	220 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	3 U	160 U	220 U
72-20-8	Endrin	OLM04-2-PP	ug/kg	3 U	160 U	220 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	3 U	160 U	220 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	3 U	160 U	220 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	3 U	160 U	220 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	3 U	160 U	220 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	15 U	780 U	1100 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	3 U	160 U	220 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	3 U	160 U	220 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	1.5 U	78 U	110 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	1.5 U	78 U	110 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	38 U	120 U	170 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	19 U	61 U	84 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	45 U	150 U	200 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	19 U	61 U	84 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	19 U	61 U	84 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	19 U	61 U	84 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	19 U	61 U	84 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	19 U	61 U	84 U

SMITHTOWN GROUNDWATER CONTAMINATION

Sludge Samples
Inorganic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Name Sample Date	SL-1 MB0PL4 2/11/2003	SL-10 MB0PJ0 2/11/2003	SL-11 MB0PJ1 2/11/2003	SL-11-DUP MB0PJ2 2/11/2003	SL-3 MB0PL6 2/13/2003	SL-4 MB0PL7 2/12/2003
5-Inorg-s									
Inorganic Analytes - ILM04.1									
7429-90-5	Aluminum	ILM04-1-M	mg/kg	3040 *J	2400 *	244 *J	368 *J	694 *	1730 *
7440-36-0	Antimony	ILM04-1-M	mg/kg	1.4 BJ	0.59 U	0.62 U	0.65 U	0.63 U	0.48 U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	2.3 UJ	1.2 U	1.3 U	1.4 U	1.3 U	1 U
7440-39-3	Barium	ILM04-1-M	mg/kg	24 BJ	9.4 B	2.8 B	3.5 B	4.1 B	15.9 B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.08 BJ	0.11 B	0.03 U	0.03 U	0.05 B	0.09 B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.38 BJ	0.12 B	0.09 B	0.2 B	0.08 U	0.11 B
7440-70-2	Calcium	ILM04-1-M	mg/kg	1950 B*J	897 B*J	181 B*J	339 B*J	297 B*J	6740 *J
7440-47-3	Chromium	ILM04-1-M	mg/kg	9.6 J	3.3	1.3 B	1.4 B	2.8	6.9
7440-48-4	Cobalt	ILM04-1-M	mg/kg	1.5 BJ	0.9 B	0.27 U	0.28 U	0.36 B	1.1 B
7440-50-8	Copper	ILM04-1-M	mg/kg	442 EJ	16.1 EJ	8.6 EJ	17 EJ	12.7 EJ	8.9 EJ
7439-89-6	Iron	ILM04-1-M	mg/kg	8540 J	2940	584	688	1910	3700
7439-92-1	Lead	ILM04-1-M	mg/kg	21 J	7.6 J	2.8 J	32.8 J	2.5	12.2 J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	711 B*J	601 B*J	74.8 B*J	129 B*J	243 B*J	3720 *J
7439-96-5	Manganese	ILM04-1-M	mg/kg	28 N*J	25 N*J	3.4 BN*J	5.7 N*J	5.6 N*J	45.4 N*J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.14 BJ	0.06 U	0.07 U	0.07 U	4.1	0.05 U
7440-02-0	Nickel	ILM04-1-M	mg/kg	5 BJ	2.2 B	0.6 B	1.3 B	0.99 B	3 B
7440-09-7	Potassium	ILM04-1-M	mg/kg	292 BJ	192 B	130 B	146 B	129 B	155 B
7782-49-2	Selenium	ILM04-1-M	mg/kg	2.3 UJ	1.2 U	1.3 U	1.4 U	1.3 U	1 U
7440-22-4	Silver	ILM04-1-M	mg/kg	0.61 BJ	0.15 U	0.16 U	0.17 U	1.7 B	0.21 B
7440-23-5	Sodium	ILM04-1-M	mg/kg	685 BJ	314 B	355 B	338 B	323 B	236 B
7440-28-0	Thallium	ILM04-1-M	mg/kg	2.2 UJ	1.2 U	1.3 U	1.3 U	1.3 U	0.99 U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	11.9 BJ	4.8 B	1.1 B	1.2 B	3.5 B	4.9 B
7440-66-6	Zinc	ILM04-1-M	mg/kg	208 J	20.4	16.9 J	33.2 J	17.1	32
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.19 UJ	0.1 U	0.11 U	0.11 U	0.11 U	0.08 U

SMITHTOWN GROUNDWATER CONTAMINATION
Sludge Samples
Inorganic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	SL-5 MB0PL8 2/11/2003	SL-6 MB0PL9 2/12/2003	SL-7 MB0PM0 2/13/2003	SL-8 MB0PM1 2/12/2003
(Group Code)	(Group Description)						
5-Inorg-s	Inorganic Analytes - ILM04.1						
7429-90-5	Aluminum	ILM04-1-M	mg/kg	3480 *	697 *	1500 *J	346 *J
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.7 U	0.52 U	4 BJ	2.5 UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	1.9 B	1.1 U	4.5 UJ	5.3 UJ
7440-39-3	Barium	ILM04-1-M	mg/kg	22.7 B	1.7 B	219 J	168 BJ
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.06 B	0.04 B	0.09 UJ	0.11 UJ
7440-43-9	Cadmium	ILM04-1-M	mg/kg	1.3 B	0.07 U	1.6 BJ	0.88 BJ
7440-70-2	Calcium	ILM04-1-M	mg/kg	21000 *J	108 B*J	1010 B*J	1090 B*J
7440-47-3	Chromium	ILM04-1-M	mg/kg	6.1	1.6 B	13.9 J	5.5 BJ
7440-48-4	Cobalt	ILM04-1-M	mg/kg	1 B	0.51 B	0.93 UJ	1.1 UJ
7440-50-8	Copper	ILM04-1-M	mg/kg	95 EJ	7.9 EJ	659 EJ	411 EJ
7439-89-6	Iron	ILM04-1-M	mg/kg	3260	2500	1600 J	379 J
7439-92-1	Lead	ILM04-1-M	mg/kg	11.7 J	1.7	61.6 J	30.5 J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	12500 *J	203 B*J	285 B*J	226 B*J
7439-96-5	Manganese	ILM04-1-M	mg/kg	24 N*J	29.1 N*J	11.9 BN*J	3.8 BN*J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.24	0.06 U	2.1 J	0.94 J
7440-02-0	Nickel	ILM04-1-M	mg/kg	3.7 B	1.2 B	6.4 BJ	3.8 BJ
7440-09-7	Potassium	ILM04-1-M	mg/kg	200 B	126 B	278 BJ	299 BJ
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.5 U	1.1 U	6.6 J	5.3 UJ
7440-22-4	Silver	ILM04-1-M	mg/kg	0.41 B	0.14 B	4.5 BJ	8.1 BJ
7440-23-5	Sodium	ILM04-1-M	mg/kg	403 B	257 B	1130 BJ	1810 BJ
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.4 U	1.1 U	4.4 UJ	5.2 UJ
7440-62-2	Vanadium	ILM04-1-M	mg/kg	5.4 B	2.2 B	4.2 BJ	1.5 BJ
7440-66-6	Zinc	ILM04-1-M	mg/kg	51.4	9.3	310 J	74.7 J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.12 U	0.09 U	0.37 UJ	0.44 UJ

Sanitary Wastewater (WW) Samples

2000-2001

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	WW-1	WW-10	WW-11	WW-11-DUP	WW-2	WW-3
					B0Q88 2/11/2003	B0Q97 2/11/2003	B0Q98 2/11/2003	B0Q99 2/11/2003	B0Q89 2/10/2003	B0Q90 2/13/2003
(Group Code)	(Group Description)									
1-VOA-W	Volatile Organic Compounds - OLM04.2									
75-71-8	Dichlorodifluoromethane		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane		OLM04-2-V	ug/l	20	10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane		OLM04-2-V	ug/l	10	10 U	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluoromethane		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
67-64-1	Acetone		OLM04-2-V	ug/l	43	23	130	130	35	130
75-15-0	Carbon Disulfide		OLM04-2-V	ug/l	5 J	3 J	2 J	10 U	10 U	10 U
79-20-9	Methyl Acetate		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene Chloride		OLM04-2-V	ug/l	2 J	10 U	10 U	10 U	10 U	10 U
156-60-5	trans-1,2-Dichloroethene		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
1634-04-4	Methyl Tert-Butyl Ether		OLM04-2-V	ug/l	10 U	75	10 U	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone		OLM04-2-V	ug/l	14	4 J	3 J	3 J	9 J	15
67-66-3	Chloroform		OLM04-2-V	ug/l	26	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane			OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
110-82-7	Cyclohexane		OLM04-2-V	ug/l	10 U	3 J	10 U	10 U	10 U	10 U
56-23-5	Carbon Tetrachloride		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
108-87-2	Methylcyclohexane		OLM04-2-V	ug/l	10 U	4 J	10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene		OLM04-2-V	ug/l	320	58	120	120	32	7 J
10061-02-6	trans-1,3-Dichloropropene		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene		OLM04-2-V	ug/l	5 J	5 J	52	52	10 U	10 U
591-78-6	2-Hexanone		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
106-93-4	1,2-Dibromoethane		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene		OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	WW-1	WW-10	WW-11	WW-11-DUP	WW-2	WW-3
				BOQ88	BOQ97	BOQ98	BOQ99	BOQ89	BOQ90
				2/11/2003	2/11/2003	2/11/2003	2/11/2003	2/10/2003	2/13/2003
100-41-4	Ethylbenzene	OLM04-2-V	ug/l	10 U	10 U	11	11	10 U	10 U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/l	10 U	10 U	41	40	10 U	10 U
100-42-5	Styrene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
5411-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Waste Water Samples
Volatile Organic Compounds

Gas Rn	Chemical Name	Sample Code	Analytic Method	Sample Name	Sample Date	Unit \\\	WW-5 BOQ92 2/11/2003	WW-6 BOQ93 2/12/2003	WW-7 BOQ94 2/13/2003	WW-8 BOQ95 2/12/2003	WW-9 BOQ96 2/10/2003
(Group Code)	(Group Description)										
1-VOA-W	Volatile Organic Compounds - OLM04.2										
75-71-8	Dichlorodifluoromethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	ug/l	OLM04-2-V				4 J	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluoromethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
67-64-1	Acetone	ug/l	OLM04-2-V				140	7 J	44	340	82
75-15-0	Carbon Disulfide	ug/l	OLM04-2-V				10 U	10 U	3 J	10 U	10 U
79-20-9	Methyl Acetate	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene Chloride	ug/l	OLM04-2-V				10 U	10 U	10 U	5 J	10 U
156-60-5	trans-1,2-Dichloroethene	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	OLM04-2-V				10 U	61	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/l	OLM04-2-V				140	10 U	10 U	29	170
78-93-3	2-Butanone	ug/l	OLM04-2-V				5 J	3 J	9 J	11	10 U
67-66-3	Chloroform	ug/l	OLM04-2-V				3 J	10 U	10 U	24	10 U
71-55-6	1,1,1-Trichloroethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
110-82-7	Cyclohexane	ug/l	OLM04-2-V				10 U	3 J	10 U	10 U	10 U
56-23-5	Carbon Tetrachloride	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	ug/l	OLM04-2-V				9 J	10 U	10 U	190	12
108-87-2	Methylcyclohexane	ug/l	OLM04-2-V				10 U	3 J	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	ug/l	OLM04-2-V				5 J	30	180	85	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/l	OLM04-2-V				12	10 U	10 U	47	10 U
591-78-6	2-Hexanone	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
106-93-4	1,2-Dibromoethane	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	ug/l	OLM04-2-V				10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Waste Water Samples
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	WW-5 B0Q92 2/11/2003	WW-6 B0Q93 2/12/2003	WW-7 B0Q94 2/13/2003	WW-8 B0Q95 2/12/2003	WW-9 B0Q96 2/10/2003
100-41-4	Ethylbenzene	OLM04-2-V		ug/l	10 U	5 J	10 U	10 U	10 U
1330-20-7	Xylenes (total)	OLM04-2-V		ug/l	10 U	25	10 U	10 U	10 U
100-42-5	Styrene	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoforn	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U	10 U
98-82-8	Isopropylbenzene	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V		ug/l	10 U	10 U	5 J	10 U	10 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Waste Water Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \	WW-1 B0Q88 2/11/2003	WW-10 B0Q97 2/11/2003	WW-11 B0Q98 2/11/2003	WW-11-DUP B0Q99 2/11/2003	WW-2 B0Q89 2/10/2003	WW-3 B0Q90 2/13/2003
(Group Code)	(Group Description)									
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2									
100-52-7	Benzaldehyde		OLM04-2-SV	ug/l	21	20 U	4 U	4 U	9 J	4 U
108-95-2	Phenol		OLM04-2-SV	ug/l	18 J	79	20 J	26	27	6.5
111-44-4	bis(2-Chloroethyl)ether		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
95-57-8	2-Chlorophenol		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
95-48-7	2-Methylphenol		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
108-60-1	2,2'-oxybis(1-Chloropropane)		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
98-86-2	Acetophenone		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
106-44-5	4-Methylphenol		OLM04-2-SV	ug/l	220	340	220	230	22 U	69
621-64-7	N-Nitroso-di-n-propylamine		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
67-72-1	Hexachloroethane		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
98-95-3	Nitrobenzene		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
78-59-1	Isophorone		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
88-75-5	2-Nitrophenol		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
105-67-9	2,4-Dimethylphenol		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
111-91-1	bis(2-Chloroethoxy)methane		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
120-83-2	2,4-Dichlorophenol		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
91-20-3	Naphthalene		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
106-47-8	4-Chloroaniline		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
87-68-3	Hexachlorobutadiene		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
105-60-2	Caprolactam		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
59-50-7	4-Chloro-3-methylphenol		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
91-57-6	2-Methylnaphthalene		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
77-47-4	Hexachlorocyclopentadiene		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
88-06-2	2,4,6-Trichlorophenol		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
95-95-4	2,4,5-Trichlorophenol		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
92-52-4	1,1'-Biphenyl		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
91-58-7	2-Chloronaphthalene		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
88-74-4	2-Nitroaniline		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
131-11-3	Dimethylphthalate		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
606-20-2	2,6-Dinitrotoluene		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
208-96-8	Acenaphthylene		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
99-09-2	3-Nitroaniline		OLM04-2-SV	ug/l	20 U	20 U	4 U	4 U	22 U	4 U
83-32-9	Acenaphthene		OLM04-2-SV	ug/l	20 U	20 U	4 U	22	22 U	4 U

SMITHTOWN GROUNDWATER CONTAMINATION
Waste Water Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	WW-1 B0Q88 2/11/2003	WW-10 B0Q97 2/11/2003	WW-11 B0Q98 2/11/2003	WW-11-DUP B0Q99 2/11/2003	WW-2 B0Q89 2/10/2003	WW-3 B0Q90 2/13/2003
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2									
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		99 U	98 U	20 U	11 U	110 U	20 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		20 U	20 U	10 U	4 U	22 U	10 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		5 J	20 U	5.4	3 J	12 J	5.9
86-73-7	Fluorene	OLM04-2-SV	ug/l		20 U	20 U	4 U	U	22 U	4 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		50 U	49 U	10 U	11 U	54 U	10 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
120-12-7	Anthracene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
86-74-8	Carbazole	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		20 U	20 U	2 J	1 J	22 U	4
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	1 J
129-00-0	Pyrene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 J
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
218-01-9	Chrysene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		66	12 J	8.4	6.3	26	12
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		20 U	20 U	4 U	4 U	22 U	4 U

SMITHTOWN GROUNDWATER CONTAMINATION
Waste Water Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit	WW-5 B0Q92 2/11/2003	WW-6 B0Q93 2/12/2003	WW-7 B0Q94 2/13/2003	WW-8 B0Q95 2/12/2003	WW-9 B0Q96 2/10/2003
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2								
100-52-7	Benzaldehyde	OLM04-2-SV		ug/l	4.8	21	62	4	4
108-95-2	Phenol	OLM04-2-SV		ug/l	11	22	51	37	8.3
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV		ug/l	4	21	43	4	5
95-57-8	2-Chlorophenol	OLM04-2-SV		ug/l	4	21	43	4	5
95-48-7	2-Methylphenol	OLM04-2-SV		ug/l	4	21	43	4	5
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV		ug/l	4	21	43	4	5
98-86-2	Acetophenone	OLM04-2-SV		ug/l	4	21	43	4	5
106-44-5	4-Methylphenol	OLM04-2-SV		ug/l	29	94	580	200	12
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV		ug/l	4	21	43	4	5
67-72-1	Hexachloroethane	OLM04-2-SV		ug/l	4	21	43	4	5
98-95-3	Nitrobenzene	OLM04-2-SV		ug/l	4	21	43	4	5
78-59-1	Isophorone	OLM04-2-SV		ug/l	4	21	43	4	5
88-75-5	2-Nitrophenol	OLM04-2-SV		ug/l	4	21	43	4	5
105-67-9	2,4-Dimethylphenol	OLM04-2-SV		ug/l	4	21	43	4	5
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV		ug/l	4	21	43	4	5
120-83-2	2,4-Dichlorophenol	OLM04-2-SV		ug/l	4	21	43	4	5
91-20-3	Naphthalene	OLM04-2-SV		ug/l	4	21	43	4	5
106-47-8	4-Chloroaniline	OLM04-2-SV		ug/l	4	21	43	4	5
87-68-3	Hexachlorobutadiene	OLM04-2-SV		ug/l	4	21	43	4	5
105-60-2	Caprolactam	OLM04-2-SV		ug/l	4	21	43	4	5
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV		ug/l	4	21	43	4	5
91-57-6	2-Methylnaphthalene	OLM04-2-SV		ug/l	4	21	43	4	5
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV		ug/l	4	21	43	4	5
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV		ug/l	4	21	43	4	5
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV		ug/l	4	21	43	4	5
92-52-4	1,1'-Biphenyl	OLM04-2-SV		ug/l	4	21	43	4	5
91-58-7	2-Chloronaphthalene	OLM04-2-SV		ug/l	4	21	43	4	5
88-74-4	2-Nitroaniline	OLM04-2-SV		ug/l	4	21	43	4	5
131-11-3	Dimethylphthalate	OLM04-2-SV		ug/l	4	21	43	4	5
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV		ug/l	4	21	43	4	5
208-96-8	Acenaphthylene	OLM04-2-SV		ug/l	4	21	43	4	5
99-09-2	3-Nitroaniline	OLM04-2-SV		ug/l	4	21	43	4	5
83-32-9	Acenaphthene	OLM04-2-SV		ug/l	4	21	43	4	5

SMITHTOWN GROUNDWATER CONTAMINATION
Waste Water Samples
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Unit \	Sample Code Sample Name Sample Date	WW-5 B0Q92 2/11/2003	WW-6 B0Q93 2/12/2003	WW-7 B0Q94 2/13/2003	WW-8 B0Q95 2/12/2003	WW-9 B0Q96 2/10/2003
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		21 U	100 U	220 U	20 U	23 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		4 U	21 U	43 U	10 U	11 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		50	21 U	17 J	6.7	13
86-73-7	Fluorene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		11 U	52 U	110 U	10 U	11 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
120-12-7	Anthracene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
86-74-8	Carbazole	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		4 U	21 U	43 U	4.6	5 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
129-00-0	Pyrene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		14	21 U	43 U	2 J	5 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
218-01-9	Chrysene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		28	9 J	43 U	20	7.8
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		4 J	21 U	43 U	4 U	5 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		4 U	21 U	43 U	4 U	5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Waste Water Samples
Pesticides/PCBs

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \	WW-6 B0Q93 2/12/2003	WW-7 B0Q94 2/13/2003	WW-8 B0Q95 2/12/2003	WW-9 B0Q96 2/10/2003
(Group Code)	(Group Description)							
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2							
319-84-6	alpha-BHC	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
319-85-7	beta-BHC	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
319-86-8	delta-BHC	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
58-89-9	gamma-BHC (Lindane)	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.09 U	0.01 U
76-44-8	Heptachlor	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.09 U	0.01 U
309-00-2	Aldrin	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.09 U	0.01 U
1024-57-3	Heptachlor epoxide	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
959-98-8	Endosulfan I	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
60-57-1	Dieldrin	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.2 U	0.01 U
72-55-9	4,4'-DDE	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
72-20-8	Endrin	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.2 U	0.01 U
33213-65-9	Endosulfan II	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
72-54-8	4,4'-DDD	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
1031-07-8	Endosulfan sulfate	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
50-29-3	4,4'-DDT	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.2 U	0.01 U
72-43-5	Methoxychlor	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U
53494-70-5	Endrin ketone	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
7421-93-4	Endrin aldehyde	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
5103-71-9	alpha-Chlordane	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
5103-74-2	gamma-Chlordane	ug/l	OLM04-2-PP		0.01 U	0.01 U	0.01 U	0.01 U
8001-35-2	Toxaphene	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U
12674-11-2	Aroclor-1016	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U
11104-28-2	Aroclor-1221	ug/l	OLM04-2-PP		0.2 U	0.2 U	0.2 U	0.2 U
11141-16-5	Aroclor-1232	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U
53469-21-9	Aroclor-1242	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U
12672-29-6	Aroclor-1248	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U
11097-69-1	Aroclor-1254	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U
11096-82-5	Aroclor-1260	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Waste Water Samples
Inorganic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \	WW-1 MB0PK2 2/11/2003	WW-10 MB0PL1 2/11/2003	WW-11 MB0PL2 2/11/2003	WW-11-DUP MB0PL3 2/11/2003	WW-2 MB0PK3 2/10/2003	WW-3 MB0PK4 2/13/2003
5-Inorg-W	Inorganic Analytes - ILM04.1									
7429-90-5	Aluminum	ILM04-1-M		ug/l	220 *J	213 *J	194 B*J	204 *J	410 *J	242 *J
7440-36-0	Antimony	ILM04-1-M		ug/l	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U
7440-38-2	Arsenic	ILM04-1-M		ug/l	4.8 UJ	4.8 UJ	4.8 UJ	4.8 UJ	4.8 UJ	4.8 U
7440-39-3	Barium	ILM04-1-M		ug/l	6.7 B	25 B	10.1 B	9.9 B	6.5 B	4.9 B
7440-41-7	Beryllium	ILM04-1-M		ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7440-43-9	Cadmium	ILM04-1-M		ug/l	0.3 U	0.66 B	0.37 B	0.53 B	0.3 U	0.3 U
7440-70-2	Calcium	ILM04-1-M		ug/l	23100	28800	20800	20500	18800	19800
7440-47-3	Chromium	ILM04-1-M		ug/l	1.7 B	1.5 B	2.4 B	2.5 B	3.6 B	1.1 B
7440-48-4	Cobalt	ILM04-1-M		ug/l	1 U	1 U	1 U	1 U	1 U	1 U
7440-50-8	Copper	ILM04-1-M		ug/l	183	90.9	50.8	49.4	92.7	33.9
7439-89-6	Iron	ILM04-1-M		ug/l	433 *J	476 *J	354 *J	357 *J	2200 *J	400 *J
7439-92-1	Lead	ILM04-1-M		ug/l	2.2 U	2.2 U	6	5.7	3	2.2 U
7439-95-4	Magnesium	ILM04-1-M		ug/l	5520	7090	4840 B	4680 B	4770 B	4670 B
7439-96-5	Manganese	ILM04-1-M		ug/l	25.5 EJ	42.9 EJ	19.6 EJ	19.1 EJ	18.6 EJ	18.3 EJ
7439-97-6	Mercury	ILM04-1-M		ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.15 BJ	0.31 J
7440-02-0	Nickel	ILM04-1-M		ug/l	1.1 U	3.6 B	1.1 U	1.7 B	4.3 B	1.1 U
7440-09-7	Potassium	ILM04-1-M		ug/l	13800 EJ	37300 EJ	18300 EJ	17700 EJ	8510 EJ	7250 EJ
7782-49-2	Selenium	ILM04-1-M		ug/l	4.8 UNJ	4.8 UNJ	4.8 UNJ	4.8 UNJ	4.8 UNJ	4.8 UNJ
7440-22-4	Silver	ILM04-1-M		ug/l	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	1.1 B
7440-23-5	Sodium	ILM04-1-M		ug/l	68000 EJ	65600 EJ	42900 EJ	41500 EJ	26500 EJ	49600 EJ
7440-28-0	Thallium	ILM04-1-M		ug/l	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
7440-62-2	Vanadium	ILM04-1-M		ug/l	0.5 U	0.75 B	0.5 U	0.5 U	1.2 B	0.59 B
7440-66-6	Zinc	ILM04-1-M		ug/l	57.6	90.8	66	69.3	75.8	24 J
57-12-5	Cyanide	ILM04-1-CN		ug/l	1.6 R	1.6 R	1.6 R	1.6 R	1.6 R	1.6 R

SMITHTOWN GROUNDWATER CONTAMINATION
Waste Water Samples
Inorganic Compounds

Cas Rn	Chemical Name (Group Code)	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	WW-5 MB0PK6 2/11/2003	WW-6 MB0PK7 2/12/2003	WW-7 MB0PK8 2/13/2003	WW-8 MB0PK9 2/12/2003	WW-9 MB0PL0 2/10/2003
5-Inorg-W									
Inorganic Analytes - ILM04.1									
7429-90-5	Aluminum	ILM04-1-M		ug/l	684 *J	378 *J	4450 *J	604 *J	376 *J
7440-36-0	Antimony	ILM04-1-M		ug/l	2.3 U	2.3 U	2.3 U	8.9 B	2.3 U
7440-38-2	Arsenic	ILM04-1-M		ug/l	4.8 UJ	4.8 U	4.8 U	4.8 U	4.8 UJ
7440-39-3	Barium	ILM04-1-M		ug/l	6.5 B	7.4 B	82.3 B	16.7 B	11.7 B
7440-41-7	Beryllium	ILM04-1-M		ug/l	0.1 U	0.1 U	0.2 B	0.37 B	0.1 U
7440-43-9	Cadmium	ILM04-1-M		ug/l	0.3 U	0.3 U	0.47 B	0.74 B	0.3 U
7440-70-2	Calcium	ILM04-1-M		ug/l	20700	19800	57500	22300	18000
7440-47-3	Chromium	ILM04-1-M		ug/l	3.9 B	3.3 B	42 J	7.1 B	0.73 B
7440-48-4	Cobalt	ILM04-1-M		ug/l	1 U	1 U	1.6 B	6.2 B	1 U
7440-50-8	Copper	ILM04-1-M		ug/l	44.9	88.5	157	44.6	56.6
7439-89-6	Iron	ILM04-1-M		ug/l	355 *J	628 *J	6770 *J	700 *J	443 *J
7439-92-1	Lead	ILM04-1-M		ug/l	2.2 U	11.8	17	2.9 B	2.2 U
7439-95-4	Magnesium	ILM04-1-M		ug/l	5130	5800	8330	7230	4930 B
7439-96-5	Manganese	ILM04-1-M		ug/l	13.6 BE	19.2 EJ	136 EJ	30.5 EJ	26.4 EJ
7439-97-6	Mercury	ILM04-1-M		ug/l	0.1 U	0.1 U	0.56	0.13 BJ	0.1 U
7440-02-0	Nickel	ILM04-1-M		ug/l	2 B	1.5 B	11.7 B	6.9 B	1.1 U
7440-09-7	Potassium	ILM04-1-M		ug/l	9880 EJ	19100 EJ	20300 EJ	12100 EJ	5990 EJ
7782-49-2	Selenium	ILM04-1-M		ug/l	4.8 UNJ	4.8 UNJ	4.8 UNJ	4.8 UNJ	4.8 UNJ
7440-22-4	Silver	ILM04-1-M		ug/l	0.6 U	0.6 U	1.2 B	7.2 B	0.6 U
7440-23-5	Sodium	ILM04-1-M		ug/l	63700 EJ	29800 EJ	53000 EJ	63200 EJ	14600 EJ
7440-28-0	Thallium	ILM04-1-M		ug/l	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
7440-62-2	Vanadium	ILM04-1-M		ug/l	0.62 B	1 B	8.9 B	7.5 B	0.95 B
7440-66-6	Zinc	ILM04-1-M		ug/l	34.9	93.4	1250	42.9	20.2
57-12-5	Cyanide	ILM04-1-CN		ug/l	1.6 R	1.6 R	1.6 R	1.6 R	1.6 R

Trip Blanks (TB)

THE UNIVERSITY OF CHICAGO

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks

Volatile Organic Compounds

9/23/2003
Page 1 of 33

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	TB012803 1/28/2003	TB012903 1/29/2003	TB013003 1/30/2003	TB013103 1/31/2003	TB020303 2/3/2003	TB020403 2/4/2003
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1								
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.52	1 B	0.73 B	1.2 B	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	2.4	1.5	2.6	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB012803 1/28/2003	TB012903 1/29/2003	TB013003 1/30/2003	TB013103 1/31/2003	TB020303 2/3/2003	TB020403 2/4/2003
			Unit \\\						
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.46 U	0.5 U	0.5 U	0.5 U	0.51	0.49 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	6.1	3.2	5.6	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks

Volatile Organic Compounds

9/23/2003
Page 3 of 33

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB020503 2/5/2003	TB031102 3/11/2002	TB031202 3/12/2002	TB031302 3/13/2002	TB031402 3/14/2002	TB031502 3/15/2002
(Group Code)	(Group Description)		Unit \\\						
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1								
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0 R	0 R	0 R	0 R	0 R
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.18 J	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB020503 2/5/2003	TB031102 3/11/2002	TB031202 3/12/2002	TB031302 3/13/2002	TB031402 3/14/2002	TB031502 3/15/2002
			Unit \\\						
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.49 J	0.33 J	0.39 J	0.45 J	0.44 J	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks

Volatile Organic Compounds

9/23/2003
Page 5 of 33

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	TB031802 3/18/2002	TB032002 3/20/2002	TB032102 3/21/2002	TB032202 3/22/2002	TB032502 3/25/2002	TB032602 3/26/2002
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1								
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0 R	0 R	0 R	0 R	0 R	0 R
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB031802 3/18/2002	TB032002 3/20/2002	TB032102 3/21/2002	TB032202 3/22/2002	TB032502 3/25/2002	TB032602 3/26/2002
		Unit \\\							
108-90-7	Chlorobenzene	ug/L	OLC03-2-V	0.43 J	0.5 U	0.42 J	0.42 J	0.5 U	0.5 U
100-41-4	Ethylbenzene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	ug/L	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-97-5	Chlorobromomethane	ug/l	OLC03-2-V	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

9/23/2003
Page 7 of 33Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB040102 4/1/2002	TB040703-GWR-R4 BOS29 4/7/2003	TB040803-GWR-R4 BOS30 4/8/2003	TB041003-GWR-R4 BOS31 4/10/2003
(Group Code)	(Group Description)		Unit \\\				
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1						
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	6	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.62	0.71	0.76
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks

Volatile Organic Compounds

9/23/2003
Page 8 of 33

Cas Rn	Chemical Name	Analytic Method	Unit \\\	Sample Code Sample Name Sample Date	TB040102 4/1/2002	TB040703-GWR-R4 B0S29 4/7/2003	TB040803-GWR-R4 B0S30 4/8/2003	TB041003-GWR-R4 B0S31 4/10/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L		0.5 U	0.5 U	0.5 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

9/23/2003
Page 9 of 33Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB041403-GWR-R4 B0S32 4/14/2003	TB041503-GWR-R4 B0S33 4/15/2003	TB041703-GWR-R4 B0S34 4/17/2003
(Group Code)	(Group Description)					
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.98 J
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.2 J
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.26 J
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.49 J
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L			
67-66-3	Chloroform	OLC03-2-V	ug/L	0.68	0.78	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 R	0.36 J
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.2 J
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	5 R	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 R	2.4 J
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 R	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks

Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB041403-GWR-R4 B0S32 4/14/2003	TB041503-GWR-R4 B0S33 4/15/2003	TB041703-GWR-R4 B0S34 4/17/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 R	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB042103-GWR-R4 B0SB8 4/21/2003	TB042303-GWR-R4 B0SB9 4/23/2003	TB042803-GWR-R4 B0SC1 4/28/2003
(Group Code)	(Group Description)					
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.19 J	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	4.6 J	1.6 J	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.3 J	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	5 U	6.2 J	5 R
75-97-5	Bromochloromethane	OLC03-2-V	ug/L			
67-66-3	Chloroform	OLC03-2-V	ug/L	0.73	1.1	0.72
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB042103-GWR-R4 B0SB8 4/21/2003	TB042303-GWR-R4 B0SB9 4/23/2003	TB042803-GWR-R4 B0SC1 4/28/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks

Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	TB043003-GWR-R4 BOSC2 4/30/2003	TB051203 5/12/2003
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1				
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.19 J	0.74 B
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	4.6 J	0.5 U
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1.1	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB043003-GWR-R4 B0SC2 4/30/2003	TB051203 5/12/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	TB021003 BOR60 2/10/2003	TB021103 BOR61 2/11/2003	TB021203 BOR62 2/12/2003	TB021303 BOR63 2/13/2003
(Group Code)	(Group Description)							
1-VOA-W	Volatile Organic Compounds - OLM04.2							
75-71-8	Dichlorodifluoromethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluoromethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
67-64-1	Acetone	ug/l	OLM04-2-V	4 J	10 U	10 U	10 U	10 U
75-15-0	Carbon Disulfide	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
79-20-9	Methyl Acetate	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene Chloride	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
156-60-5	trans-1,2-Dichloroethene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
110-82-7	Cyclohexane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
56-23-5	Carbon Tetrachloride	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
108-87-2	Methylcyclohexane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
106-93-4	1,2-Dibromoethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks

Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	TB021003 B0R60 2/10/2003	TB021103 B0R61 2/11/2003	TB021203 B0R62 2/12/2003	TB021303 B0R63 2/13/2003
100-41-4	Ethylbenzene	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U
1330-20-7	Xylenes (total)	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U
100-42-5	Styrene	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U
75-25-2	Bromoforn	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U
98-82-8	Isopropylbenzene	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V		ug/l	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB41001 4/10/2001	TB41201 4/12/2001	TB41301 4/13/2001	TB41601 4/16/2001	TB41701 4/17/2001	TB41801 4/18/2001	TB41901 4/19/2001
(Group Code)	(Group Description)									
Voa-w-ensl	Volatile Organics - DW524.2									
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0 R	0.5 U	0 R	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0 R	0.5 U	0.5 U	0.5 U	0 R	0 R	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0 R	0 R	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
108-88-3	Toluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	TB41001 4/10/2001	TB41201 4/12/2001	TB41301 4/13/2001	TB41601 4/16/2001	TB41701 4/17/2001	TB41801 4/18/2001	TB41901 4/19/2001
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0 R	0.5 U	0 R	0.5 U	0.5 U	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0 R	0 R	0.5 U	0 R	0.5 U	0 R	0 R
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 UU	0 R	0 R	0 R	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	4 J	7.3 J	6.3	7.9 J	5.8 J	11 J	48 J
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0 R	0 R	0 R	0 R	0.5 U	0.5 U	0 R
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 UU	0 R	0 R	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R	0 R	2 U	0 R	2 U	0 R	0 R
78-93-3	2-Butanone	DW524-2	ug/L	2.8 J	0 R	2.3	0 R	2.6 J	2.6 J	3.1 J
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	0 R	0 R	2 U	0 R	2 U	0 R	0 R
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0 R	0 R	2 U	0 R	2 U	0 R	0 R
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0 R	0 R	0 R	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R	0 R	0.5 U	0 R	0.5 U	0 R	0 R
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	2 U	0 R	0 R	0 R	0 R
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	0 R	2 U	0 R	2 U	0 R	0 R

SMITHTOWN GROUNDWATER CONTAMINATION
Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	TB41001 4/10/2001	TB41201 4/12/2001	TB41301 4/13/2001	TB41601 4/16/2001	TB41701 4/17/2001	TB41801 4/18/2001	TB41901 4/19/2001
97-63-2	Ethyl methacrylate	DW524-2		ug/L	0.5 U	0 R	0 R	0 R	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2		ug/L	2 U	0 R	0 R	0 R	2 U	0 R	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2		ug/L	0 R	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0 R
76-01-7	Pentachloroethane	DW524-2		ug/L	0.5 U	0 R	0 R	0 R	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2		ug/L	0.5 U	0 R	0 R	0 R	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2		ug/L	0 R	0 R	2 U	0 R	2 U	0 R	0 R

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	TB42001 4/20/2001		TB42301 4/23/2001		TB42401 4/24/2001		TB42701VPW23 4/27/2001		TB4501 4/5/2001		TB4601 4/6/2001		TB4901 4/9/2001	
Voa-w-emsI	(Group Description) Volatile Organics - DW524.2																
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
74-87-3	Chloromethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
74-83-9	Bromomethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0 R		0.5 UJ		0.5 UJ		0.5 U	
75-00-3	Chloroethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0 R		0.5 U	
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0 R		0 R		0 R	
67-66-3	Chloroform	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0 R	
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
71-43-2	Benzene	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 UJ		0.5 UJ		0.5 UJ		0.5 U	
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
108-88-3	Toluene	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0 R		0 R		0.5 UJ		0 R	
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
108-90-7	Chlorobenzene	DW524-2	ug/L	0 R		0.5 U		0 R		0 R		0.5 U		0.5 UJ		0.5 U	
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
1330-20-7	Xylenes (total)	DW524-2	ug/L	0 R		0.5 U		0 R		0 R		0.5 U		0.5 UJ		0.5 U	
100-42-5	Styrene	DW524-2	ug/L	0.5 UJ		0.5 U		0.5 U		0.5 U		0.5 U		0.5 UJ		0.5 U	
75-25-2	Bromoform	DW524-2	ug/L	0 R		0.5 U		0 R		0 R		0 R		0.5 UJ		0.5 U	

SMITHTOWN GROUNDWATER CONTAMINATION
Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	TB42001 4/20/2001	TB42301 4/23/2001	TB42401 4/24/2001	TB42701VPW23 4/27/2001	TB4501 4/5/2001	TB4601 4/6/2001	TB4901 4/9/2001
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0 R	0.5 U	0.5 UJ	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0 R	0 R	0.5 U	0.5 UJ	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0 R	0.5 U	0.5 UJ	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0 R	0.5 U	0.5 UJ	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0 R	0.5 U	0.5 UJ	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0 R	0.5 U	0.5 UJ	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R	0 R	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0 R	0.5 U	0 R	0.5 U	0.5 UJ	0.5 UJ	0 R
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0 R	0.5 U	0.5 UJ	0.5 UJ	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U
67-64-1	Acetone	DW524-2	ug/L	10 J	42 J	43 J	15 UJ	0 R	0 R	2 U
74-88-4	Methyl iodide(Iodomethane)	DW524-2	ug/L	0 R	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	0 R	2 U	0 R	0 R	0 R	0 R	2 U
78-93-3	2-Butanone	DW524-2	ug/L	2.3 J	2.2 J	2.5 J	0 R	0 R	0 R	2 U
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	0 R	2 U	0 R	0 R	0 R	0 R	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	0 R	2 U	0 R	0 R	0 R	0 R	2 U
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0 R	0.5 U	0 R	0 R	0 R	0 R	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	2 U	0 R	0 R	0 R	0 R	0.5 U
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 UJ	2 U	2 U	2 U	2 U	2 UJ	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	0 R	2 U	0 R	0 R	0 R	0 R	2 U

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks

Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \1	TB42001 4/20/2001	TB42301 4/23/2001	TB42401 4/24/2001	TB42701VPW23 4/27/2001	TB4501 4/5/2001	TB4601 4/6/2001	TB4901 4/9/2001
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 UJ	2 U	2 U	0 R	0 R	0 R	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0 R	0.5 U	0 R	0.5 U	0 R	0 R	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	2 U	0 R	0 R	0 R	0 R	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Trip Blanks
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB51001 5/10/2001	TB5801VPWA21 5/8/2001	TB61101 6/11/2001	TB61201 6/12/2001	TBVPW155301 5/3/2001	TBVPW1651101 5/11/2001
(Group Code)	(Group Description)								
Voa-w-ems1	Volatile Organics - DW524.2								
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0.5 UJ	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0 R	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0 R	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0 R	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0 R	0.5 U
108-88-3	Toluene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0 R	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0 R	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0 R	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0 R	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R	0.5 U	0.5 U	0 R	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB51001 5/10/2001	TB5801VPWA21 5/8/2001	TB61101 6/11/2001	TB61201 6/12/2001	TBVPW155301 5/3/2001	TBVPW1651101 5/11/2001
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0 R	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	6.7 J	20 J	11	19	8.5 J	20
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U	2 U
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U	2 U
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	2 U	2 U	2 U	2 U	0 R	2 U
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 U	2 U	2 U	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	TB51001 5/10/2001	TB5801VPWA21 5/8/2001	TB61101 6/11/2001	TB61201 6/12/2001	TBVPW155301 5/3/2001	TBVPW1651101 5/11/2001
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 UJ	2 U	2 U	2 U	2 UJ	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	0 R	2 UJ	2 U	2 U	2 UJ	2 U

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks

Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TBVPW1750101 5/1/2001	TBVPW23042601 4/26/2001	TBVPWA2043001 4/30/2001
(Group Code)	(Group Description)					
Voa-w-ems1	Volatile Organics - DW524.2					
75-71-8	Dichlorodifluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	DW524-2	ug/L	0.5 U	0 R	0.5 U
75-00-3	Chloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	DW524-2	ug/L	0 R	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
590-20-7	2,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
156-59-4	cis-1,2-Dichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
75-97-5	Bromochloromethane	DW524-2	ug/L	0 R	0 R	0.5 U
67-66-3	Chloroform	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	DW524-2	ug/L	0.5 U	0 R	0.5 U
75-27-4	Bromodichloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	DW524-2	ug/L	0 R	0 R	0.5 U
108-88-3	Toluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
142-28-9	1,3-Dichloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
630-20-6	1,1,1,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	DW524-2	ug/L	0 R	0.5 U	0.5 U
100-42-5	Styrene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	DW524-2	ug/L	0 R	0 R	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	TBVPW1750101 5/1/2001	TBVPW23042601 4/26/2001	TBVPWA2043001 4/30/2001
98-82-8	Isopropylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
108-86-1	Bromobenzene	DW524-2	ug/L	0 R	0 R	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	DW524-2	ug/L	0.5 U	0 R	0.5 U
96-18-4	1,2,3-Trichloropropane	DW524-2	ug/L	0.5 U	0 R	0.5 U
103-65-1	n-Propylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
95-49-8	2-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
106-43-4	4-Chlorotoluene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
108-67-8	1,3,5-Trimethyl Benzene	DW524-2	ug/L	0 R	0.5 U	0.5 U
98-06-6	tert-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
95-63-6	1,2,4-Trimethylbenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U
135-98-8	2-Phenylbutane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0.5 U
99-87-6	Cymene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0.5 U
95-50-1	1,2-Dichlorobenzene	DW524-2	ug/L	0 R	0 R	0.5 U
104-51-8	n-Butylbenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	DW524-2	ug/L	0 R	0.5 U	0.5 U
87-68-3	Hexachlorobutadiene	DW524-2	ug/L	0 R	0.5 U	0.5 U
91-20-3	Naphthalene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
60-29-7	Ethyl ether	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	DW524-2	ug/L	4.8 J	18 J	36 J
74-88-4	Methyl iodide(iodomethane)	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
107-05-1	Allyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
107-13-1	Acrylonitrile	DW524-2	ug/L	2 U	2 U	2 U
78-93-3	2-Butanone	DW524-2	ug/L	2 U	2 U	2 U
96-33-3	Methyl acrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
107-12-0	Propionitrile	DW524-2	ug/L	2 U	2 U	2 U
109-99-9	Tetrahydrofuran	DW524-2	ug/L	2 U	2 U	2 U
126-98-7	Methylacrylonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
109-69-3	n-Butyl chloride	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
80-62-6	Methyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
107-14-2	Chloroacetonitrile	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
79-46-9	2-Nitropropane	DW524-2	ug/L	0 R	0 R	2 U
108-10-1	4-Methyl-2-pentanone	DW524-2	ug/L	2 U	2 U	2 U
513-88-2	1,1-Dichloropropanone	DW524-2	ug/L	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION
Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	TBVPW1750101 5/1/2001	TBVPW23042601 4/26/2001	TBVPWA2043001 4/30/2001
97-63-2	Ethyl methacrylate	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	DW524-2	ug/L	2 U	2 U	2 U
110-57-6	trans-1,4-Dichlorobutene	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
76-01-7	Pentachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
67-72-1	Hexachloroethane	DW524-2	ug/L	0.5 U	0.5 U	0.5 U
98-95-3	Nitrobenzene	DW524-2	ug/L	2 U	2 U	2 U

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks

Volatile Organic Compounds

9/23/2003
Page 29 of 33

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \	TB060203 BOX35 6/2/2003	TB060303 BOX40 6/3/2003	TB060403 BOX41 6/4/2003	TB060503 BOX42 6/5/2003	TB060603 BOX43 6/6/2003	TB060903 BOX44 6/9/2003
(Group Code)	(Group Description)								
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1								
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.23 J	0.5 U	0.36 J
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.16 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	3.2 J	3 J	2.7 J	3.6 J	5.5	5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.19 J	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.17 J	0.5 U	1.5	0.23 J
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	4.6 J	5.1	2.4 J	4.6 J	3 J	3.8 J
75-97-5	Bromochloromethane	OLC03-2-V	ug/L				0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.74	0.5 U	1.1	0.5 U	1.2	1.7
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.2 J	0.5 U	0.56	0.18 J
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION

Trip Blanks

Volatile Organic Compounds

9/23/2003
Page 30 of 33

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB060203 BOX35 6/2/2003	TB060303 BOX40 6/3/2003	TB060403 BOX41 6/4/2003	TB060503 BOX42 6/5/2003	TB060603 BOX43 6/6/2003	TB060903 BOX44 6/9/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	TB061103 BOX46 6/11/2003
(Group Code)	(Group Description)				
1-Residen-Voas	Volatile Organic Compounds - OLC03.2 OLC02.1				
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.6	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	5 U	6.6
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	2.1	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	3.6 J	1.4 J
75-97-5	Bromochloromethane	OLC03-2-V	ug/L	1.3	1.4
67-66-3	Chloroform	OLC03-2-V	ug/L	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.18 J	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/L	0.79	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Trip Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \1	TB061003 BOX45 6/10/2003	TB061103 BOX46 6/11/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.35 J	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
74-97-5	Chlorobromomethane	OLC03-2-V	ug/l	0.5 U	0.5 U



Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	TB060203	TB060303	TB060403	TB060503	TB060903	TB061003	TB061103
		Unit \\\								
74-82-8	Methane	RSKSOP147	ug/l	11 U	11 U	11 U	11 U	11 U	11 U	11 U
74-84-0	Ethane	RSKSOP147	ug/l	23 U	22 U	22 U	22 U	22 U	22 U	23 U
74-85-1	Ethene	RSKSOP147	ug/l	31 U	30 U	30 U	30 U	30 U	30 U	31 U

Field Blanks (FB)

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	FB021003-B BOR59 2/10/2003	FB021003-SL BOR55 2/10/2003	FB021103-SL BOR56 2/11/2003	FB021203-SL BOR57 2/12/2003	FB021303-SL BOR58 2/13/2003
(Group Code)	(Group Description)								
1-VOA-W	Volatile Organic Compounds - OLM04.2								
75-71-8	Dichlorodifluoromethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluoromethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
67-64-1	Acetone	ug/l	OLM04-2-V	10 U	4 J	10 U	10 U	10 U	10 U
75-15-0	Carbon Disulfide	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
79-20-9	Methyl Acetate	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene Chloride	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
156-60-5	trans-1,2-Dichloroethene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
110-82-7	Cyclohexane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
56-23-5	Carbon Tetrachloride	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
108-87-2	Methylcyclohexane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
106-93-4	1,2-Dibromoethane	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	ug/l	OLM04-2-V	10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION

Field Blanks

Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	FB021003-B B0R59 2/10/2003	FB021003-SL B0R55 2/10/2003	FB021103-SL B0R56 2/11/2003	FB021203-SL B0R57 2/12/2003	FB021303-SL B0R58 2/13/2003
100-41-4	Ethylbenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
100-42-5	Styrene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION

Field Blanks

Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	FB040901-SSS BSE08 4/9/2001	FB041001-SSS BSE09 4/10/2001	FB041101-SSS BSK16 4/11/2001	FB041201-SDW BSK17 4/12/2001
(Group Code)	(Group Description)		Unit \\\				
1-VOA-W	Volatile Organic Compounds - OLM04.2						
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
67-64-1	Acetone	OLM04-2-V	ug/l	6 J	6 J	10 U	13
75-15-0	Carbon Disulfide	OLM04-2-V	ug/l	15	10 U	10 U	10 U
79-20-9	Methyl Acetate	OLM04-2-V	ug/l	10 U	10 U	10 U	3 J
75-09-2	Methylene Chloride	OLM04-2-V	ug/l	6 J	6 J	7 J	10
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/l	10 U	10 U	1 J	1 J
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
67-66-3	Chloroform	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
110-82-7	Cyclohexane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
71-43-2	Benzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
108-87-2	Methylcyclohexane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
108-88-3	Toluene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	OLM04-2-V	ug/l	10 U	10 U	10 U	2 J
124-48-1	Dibromochloromethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	FB040901-SSS BSE08 4/9/2001	FB041001-SSS BSE09 4/10/2001	FB041101-SSS BSK16 4/11/2001	FB041201-SDW BSK17 4/12/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
100-42-5	Styrene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-25-2	Bromoform	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/l	10 U	10 U	10 U	2 J
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION

Field Blanks

Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code	Analytic Method	Sample Name	Unit \\\	FB041301-SDW BSK18 4/13/2001	FB041601-SDW BSM41 4/16/2001	FB041701-SDW BSM42 4/17/2001	FB041801-SDW BSM45 4/18/2001
(Group Code)	(Group Description)								
1-VOA-W	Volatile Organic Compounds - OLM04.2								
75-71-8	Dichlorodifluoromethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
74-87-3	Chloromethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
74-83-9	Bromomethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
75-00-3	Chloroethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
75-69-4	Trichlorofluoromethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
67-64-1	Acetone	ug/l	OLM04-2-V			22 J	22 J	20	160
75-15-0	Carbon Disulfide	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
79-20-9	Methyl Acetate	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
75-09-2	Methylene Chloride	ug/l	OLM04-2-V			27 J	23 J	10	10
156-60-5	trans-1,2-Dichloroethene	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
78-93-3	2-Butanone	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
67-66-3	Chloroform	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
110-82-7	Cyclohexane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
56-23-5	Carbon Tetrachloride	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
71-43-2	Benzene	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	ug/l	OLM04-2-V			1 J	10 U	10 U	10 U
108-87-2	Methylcyclohexane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
108-88-3	Toluene	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
106-93-4	1,2-Dibromoethane	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	ug/l	OLM04-2-V			10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	FB041301-SDW BSK18 4/13/2001	FB041601-SDW BSM41 4/16/2001	FB041701-SDW BSM42 4/17/2001	FB041801-SDW BSM45 4/18/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
100-42-5	Styrene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-25-2	Bromoform	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION

Field Blanks

Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	FB041901-SDW BSM47 4/19/2001	FB042301-SSS BSM49 4/23/2001	FB042401-SSS BSM51 4/24/2001	FB042501-SDS BSR28 4/25/2001
(Group Code)	(Group Description)						
1-VOA-W	Volatile Organic Compounds - OLM04.2						
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/l	10 UJ	10 U	10 U	10 UJ
74-87-3	Chloromethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 UJ
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 UJ
67-64-1	Acetone	OLM04-2-V	ug/l	830 D	230 D	10 U	450 JD
75-15-0	Carbon Disulfide	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
79-20-9	Methyl Acetate	OLM04-2-V	ug/l	10 UJ	10 U	10 U	10 U
75-09-2	Methylene Chloride	OLM04-2-V	ug/l	6 J	10 U	10 U	4 J
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	OLM04-2-V	ug/l	10 U	10 UJ	10 UJ	10 U
67-66-3	Chloroform	OLM04-2-V	ug/l	10 U	10 U	1 J	10 U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
110-82-7	Cyclohexane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
71-43-2	Benzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/l	10 U	10 UJ	10 UJ	10 U
79-01-6	Trichloroethene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
108-87-2	Methylcyclohexane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/l	10 U	10 UJ	10 UJ	10 U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/l	10 UJ	10 U	10 U	10 U
108-88-3	Toluene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	OLM04-2-V	ug/l	10 UJ	10 U	10 U	10 U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	FB041901-SDW BSM47 4/19/2001	FB042301-SSS BSM49 4/23/2001	FB042401-SSS BSM51 4/24/2001	FB042501-SDS BSR28 4/25/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
100-42-5	Styrene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
75-25-2	Bromoform	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\	FB042601-SDS BYX38 4/26/2001	FB042701-SDS BYX39 4/27/2001
(Group Code)	(Group Description)				
1-VOA-W	Volatile Organic Compounds - OLM04.2				
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/l	10 U	10 U
74-87-3	Chloromethane	OLM04-2-V	ug/l	10 U	10 U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/l	10 U	10 U
74-83-9	Bromomethane	OLM04-2-V	ug/l	10 U	10 U
75-00-3	Chloroethane	OLM04-2-V	ug/l	10 U	10 U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/l	10 U	10 U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/l	10 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	ug/l	10 U	10 U
67-64-1	Acetone	OLM04-2-V	ug/l	10 U	10 U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/l	10 U	10 U
79-20-9	Methyl Acetate	OLM04-2-V	ug/l	10 U	10 U
75-09-2	Methylene Chloride	OLM04-2-V	ug/l	4 J	11
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/l	10 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/l	10 U	10 U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/l	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/l	10 U	10 U
78-93-3	2-Butanone	OLM04-2-V	ug/l	10 U	10 U
67-66-3	Chloroform	OLM04-2-V	ug/l	10 U	10 U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/l	10 U	10 U
110-82-7	Cyclohexane	OLM04-2-V	ug/l	10 U	10 U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/l	10 U	10 U
71-43-2	Benzene	OLM04-2-V	ug/l	10 U	10 U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/l	10 U	10 U
79-01-6	Trichloroethene	OLM04-2-V	ug/l	10 U	10 U
108-87-2	Methylcyclohexane	OLM04-2-V	ug/l	10 U	10 U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/l	10 U	10 U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/l	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/l	10 U	10 U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/l	10 U	10 U
108-88-3	Toluene	OLM04-2-V	ug/l	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/l	10 U	10 U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/l	10 U	10 U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/l	10 U	10 U
591-78-6	2-Hexanone	OLM04-2-V	ug/l	10 U	10 U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/l	10 U	10 U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/l	10 U	10 U
108-90-7	Chlorobenzene	OLM04-2-V	ug/l	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	FB042601-SDS BYX38 4/26/2001	FB042701-SDS BYX39 4/27/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/l	10 U	10 U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/l	10 U	10 U
100-42-5	Styrene	OLM04-2-V	ug/l	10 U	10 U
75-25-2	Bromoform	OLM04-2-V	ug/l	10 U	10 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/l	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/l	10 U	10 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/l	10 U	1 J
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/l	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/l	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	FB031102 B0LA5 3/11/2002	FB031202 B0LA7 3/12/2002	FB031302 B0LA9 3/13/2002	FB031402 B0LB1 3/14/2002	FB031502 B0LB3 3/15/2002	FB031802 B0LC3 3/18/2002
(Group Code)	(Group Description)									
1-OLC03-V	Low Con Voas - OLC03-2-V									
75-71-8	Dichlorodifluoromethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V		ug/L	5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V		ug/L	0 R	0 R	0 R	0 R	0 R	0 R
75-09-2	Methylene Chloride	OLC03-2-V		ug/L	0.16 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V		ug/L	5 U	5 U	5 U	5 U	5 U	5 U
75-97-5	Bromochloromethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.15 J	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V		ug/L	5 U	5 U	5 U	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V		ug/L	5 U	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	FB031102 B0LA5 3/11/2002	FB031202 B0LA7 3/12/2002	FB031302 B0LA9 3/13/2002	FB031402 B0LB1 3/14/2002	FB031502 B0LB3 3/15/2002	FB031802 B0LC3 3/18/2002
108-90-7	Chlorobenzene	OLC03-2-V		ug/L	0.28 J	0.2 J	0.43 J	0.39 J	0.5 U	0.37 J
100-41-4	Ethylbenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V		ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	FB060203 B0X31 6/2/2003	FB060303 B0X32 6/3/2003	FB060503 B0X34 6/5/2003	FB060903 B0X36 6/9/2003	FB060403 B0X33 6/4/2003
(Group Code)	(Group Description)							
1-OLC03-V	Low Con Voas - OLC03-2-V							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.28 J	0.27 J	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L	3.3 J	5 U	3.4 J	5 U	3.9 J
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.16 J	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L	0.5 U	0.5 U	0.52	0.68	0.5 U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L	4.8 J	2.7 J	3.1 J	4.9 J	4.1 J
75-97-5	Bromochloromethane	OLC03-2-V	ug/L			0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/L	0.72	0.5 U	0.93	1.6	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.27 J	0.32 J	0.24 J
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L	5 U	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit	FB060203 BOX31 6/2/2003	FB060303 BOX32 6/3/2003	FB060503 BOX34 6/5/2003	FB060903 BOX36 6/9/2003	FB060403 BOX33 6/4/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.17 J
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Volatile Organic Compounds

9/23/2003
Page 15 of 16

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	FB061003 B0X37 6/10/2003	FB061103 B0X38 6/11/2003
(Group Code)	(Group Description)					
1-OLC03-V	Low Con Voas - OLC03-2-V					
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/L		0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/L		0.21 J	0.69
75-01-4	Vinyl Chloride	OLC03-2-V	ug/L		0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/L		0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/L		0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/L		0.5 U	0.5 U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/L		0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLC03-2-V	ug/L		0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/L		5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/L		0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/L		0.5 U	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/L		0.15 J	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/L		0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/L		0.5 U	0.53
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/L		0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/L		0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/L		1.5 J	3.2 J
75-97-5	Bromochloromethane	OLC03-2-V	ug/L		0.5 U	1.1
67-66-3	Chloroform	OLC03-2-V	ug/L		0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/L		0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/L		0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/L		0.5 U	0.5 U
71-43-2	Benzene	OLC03-2-V	ug/L		0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/L		0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/L		0.5 U	0.5 U
108-87-2	Methylcyclohexane	OLC03-2-V	ug/L		0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/L		0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/L		0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/L		0.5 U	0.5 U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/L		0.5 U	0.5 U
108-88-3	Toluene	OLC03-2-V	ug/L		5 U	5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/L		0.33 J	0.33 J
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/L		0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/L		0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/L		5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/L		0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/L		0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	FB061003 BOX37 6/10/2003	FB061103 BOX38 6/11/2003
108-90-7	Chlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/L	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/L	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/L	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/L	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/L	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/L	0.5 U	0.5 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	FB021003-B B0R59 2/10/2003	FB021003-SL B0R55 2/10/2003	FB021103-SL B0R56 2/11/2003	FB021203-SL B0R57 2/12/2003	FB021303-SL B0R58 2/13/2003
(Group Code)	(Group Description)								
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2								
100-52-7	Benzaldehyde	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
108-95-2	Phenol	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
111-44-4	bis(2-Chloroethyl)ether	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
95-57-8	2-Chlorophenol	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
95-48-7	2-Methylphenol	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
98-86-2	Acetophenone	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
106-44-5	4-Methylphenol	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
67-72-1	Hexachloroethane	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
98-95-3	Nitrobenzene	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
78-59-1	Isophorone	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
88-75-5	2-Nitrophenol	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
105-67-9	2,4-Dimethylphenol	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
120-83-2	2,4-Dichlorophenol	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
91-20-3	Naphthalene	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
106-47-8	4-Chloroaniline	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
87-68-3	Hexachlorobutadiene	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
105-60-2	Caprolactam	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
59-50-7	4-Chloro-3-methylphenol	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
91-57-6	2-Methylnaphthalene	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
77-47-4	Hexachlorocyclopentadiene	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
88-06-2	2,4,6-Trichlorophenol	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
95-95-4	2,4,5-Trichlorophenol	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
92-52-4	1,1'-Biphenyl	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
91-58-7	2-Chloronaphthalene	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
88-74-4	2-Nitroaniline	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
131-11-3	Dimethylphthalate	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
606-20-2	2,6-Dinitrotoluene	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
208-96-8	Acenaphthylene	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
99-09-2	3-Nitroaniline	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U
83-32-9	Acenaphthene	ug/l	OLM04-2-SV		4 U	4 U	4 U	4 U	4 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \	FB021003-B BOR59 2/10/2003	FB021003-SL BOR55 2/10/2003	FB021103-SL BOR56 2/11/2003	FB021203-SL BOR57 2/12/2003	FB021303-SL BOR58 2/13/2003
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		20 U	20 U	20 U	20 U	19 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	4 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
86-73-7	Fluorene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
120-12-7	Anthracene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
86-74-8	Carbazole	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
129-00-0	Pyrene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
218-01-9	Chrysene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		4 U	4 U	4 U	4 U	4 U

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	FB031102 B0LA5 3/11/2002	FB031202 B0LA7 3/12/2002	FB031302 B0LA9 3/13/2002	FB031402 B0LB1 3/14/2002	FB031502 B0LB3 3/15/2002	FB031802 B0LC3 3/18/2002
(Group Code)	(Group Description)	Analytic Method Unit \\\						
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2							
100-52-7	Benzaldehyde	ug/l	OLM04-2-SV	0.6 J	10 U	1 J	10 U	10 U
108-95-2	Phenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	ug/l	OLM04-2-SV	25 U	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/l	OLM04-2-SV	25 U	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	ug/l	OLM04-2-SV	25 U	25 U	25 U	25 U	25 U
83-32-9	Acenaphthene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	FB031102 BOLA5 3/11/2002	FB031202 BOLA7 3/12/2002	FB031302 BOLA9 3/13/2002	FB031402 BOLA1 3/14/2002	FB031502 BOLA3 3/15/2002	FB031802 BOLA3 3/18/2002
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	FB040901-SSS BSE08 4/9/2001	FB041001-SSS BSE09 4/10/2001	FB041101-SSS BSK16 4/11/2001	FB041201-SDW BSK17 4/12/2001
(Group Code)	(Group Description)							
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2							
100-52-7	Benzaldehyde		OLM04-2-SV	ug/l	10 UJ	10 UJ	10 UJ	11 UJ
108-95-2	Phenol		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
111-44-4	bis(2-Chloroethyl)ether		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
95-57-8	2-Chlorophenol		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
95-48-7	2-Methylphenol		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
108-60-1	2,2'-oxybis(1-Chloropropane)		OLM04-2-SV	ug/l	10 U	10 U	10 UJ	11 UJ
98-86-2	Acetophenone		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
105-44-5	4-Methylphenol		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
621-64-7	N-Nitroso-di-n-propylamine		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
67-72-1	Hexachloroethane		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
98-95-3	Nitrobenzene		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
78-59-1	Isophorone		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
88-75-5	2-Nitrophenol		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
105-67-9	2,4-Dimethylphenol		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
111-91-1	bis(2-Chloroethoxy)methane		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
120-83-2	2,4-Dichlorophenol		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
91-20-3	Naphthalene		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
106-47-8	4-Chloroaniline		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
87-68-3	Hexachlorobutadiene		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
105-60-2	Caprolactam		OLM04-2-SV	ug/l	10 U	10 U	3 J	11 U
59-50-7	4-Chloro-3-methylphenol		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
91-57-6	2-Methylnaphthalene		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
77-47-4	Hexachlorocyclopentadiene		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
88-06-2	2,4,6-Trichlorophenol		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
95-95-4	2,4,5-Trichlorophenol		OLM04-2-SV	ug/l	25 U	25 U	25 U	26 U
92-52-4	1,1'-Biphenyl		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
91-58-7	2-Chloronaphthalene		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
88-74-4	2-Nitroaniline		OLM04-2-SV	ug/l	25 U	25 U	25 UJ	26 UJ
131-11-3	Dimethylphthalate		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
606-20-2	2,6-Dinitrotoluene		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
208-96-8	Acenaphthylene		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
99-09-2	3-Nitroaniline		OLM04-2-SV	ug/l	25 U	25 U	25 U	26 U
83-32-9	Acenaphthene		OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Semi-Volatile Organic Compounds

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	FB040901-SSS BSE08 4/9/2001	FB041001-SSS BSE09 4/10/2001	FB041101-SSS BSK16 4/11/2001	FB041201-SDW BSK17 4/12/2001
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2						
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	26 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	26 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	26 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	26 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	0 R	0 R	10 U	11 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	26 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	11 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Semi-Volatile Organic Compounds

Gas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	FB041301-SDW BSK18 4/13/2001	FB041601-SDW BSM41 4/16/2001	FB041701-SDW BSM42 4/17/2001	FB041801-SDW BSM45 4/18/2001
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2						
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	0 R	0 R	10 U	10 U
108-95-2	Phenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
78-59-1	Isophorone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
105-80-2	Caprolactam	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	FB041301-SDW BSK18 4/13/2001	FB041601-SDW BSM41 4/16/2001	FB041701-SDW BSM42 4/17/2001	FB041801-SDW BSM45 4/18/2001
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2						
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code	Sample Name	Sample Date	Analytic Method	Unit \\\	FB041901-SDW BSM47 4/19/2001	FB042301-SSS BSM49 4/23/2001	FB042401-SSS BSM51 4/24/2001	FB042501-SDS BSR28 4/25/2001
(Group Code)	(Group Description)									
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2									
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l				10 U	10 UJ		10 UJ
108-95-2	Phenol	OLM04-2-SV	ug/l				10 UJ	10 U		10 UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l				10 U	10 U		10 UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l				10 U	10 U		10 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l				10 UJ	10 U		10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l				10 U	10 U		10 UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/l				10 UJ	10 U		10 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l				10 U	10 U		10 UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l				10 U	10 U		10 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l				10 U	10 U		10 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l				10 U	10 U		10 U
78-59-1	Isophorone	OLM04-2-SV	ug/l				10 U	10 U		10 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l				10 U	10 U		10 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l				10 U	10 U		10 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l				10 U	10 U		10 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l				10 U	10 U		10 U
91-20-3	Naphthalene	OLM04-2-SV	ug/l				10 U	10 U		10 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l				10 U	10 U		10 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l				10 UJ	10 U		10 UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/l				10 U	10 U		10 UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l				10 U	10 U		2 J
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l				10 U	10 U		10 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l				10 U	10 U		10 UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l				10 U	10 U		10 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l				25 U	25 U		25 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l				10 U	10 U		10 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l				10 U	10 U		10 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l				25 U	25 U		25 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l				10 U	10 U		10 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l				10 U	10 U		10 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l				10 U	10 U		10 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l				25 U	25 U		25 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l				10 U	10 U		10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \	FB041901-SDW BSM47 4/19/2001	FB042301-SSS BSM49 4/23/2001	FB042401-SSS BSM51 4/24/2001	FB042501-SSS BSR28 4/25/2001
3-SV-2-W	Semi-Volatile Organics - page 2 - OLM04.2						
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25 U	25 UJ	25 UJ	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25 U	25 UJ	25 UJ	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	0.8 J
86-73-7	Fluorene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10 UJ	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10 U	0.8 J	0.5 J	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10 U	0.7 J	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	0.5 J
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	0.7 J
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10 U	10 UJ	10 UJ	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION

Field Blanks

Semi-Volatile Organic Compounds

9/23/2003
Page 11 of 14

Gas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	FB042601-SDS BYX38 4/26/2001	FB042701-SDS BYX39 4/27/2001	FB060203 B0X31 6/2/2003	FB060303 B0X32 6/3/2003	FB060403 B0X33 6/4/2003
(Group Code)	(Group Description)							
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2							
100-52-7	Benzaldehyde	OLM04-2-SV ug/l		10 UJ	10 UJ	10 U	10 U	10 U
108-95-2	Phenol	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV ug/l		10 U	10 U	10 U	10 UJ	10 U
98-86-2	Acetophenone	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV ug/l		10 U	10 U	10 U	10 UJ	10 U
105-60-2	Caprolactam	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV ug/l		10 UJ	10 UJ	10 UJ	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV ug/l		25 U	25 U	25 U	25 UJ	25 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	OLM04-2-SV ug/l		25 U	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV ug/l		10 UJ	10 UJ	10 U	10 U	10 U
208-96-8	Acenaphthylene	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	OLM04-2-SV ug/l		25 U	25 U	25 U	25 U	25 U
83-32-9	Acenaphthene	OLM04-2-SV ug/l		10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	FB042601-SDS BYX38 4/26/2001	FB042701-SDS BYX39 4/27/2001	FB060203 BOX31 6/2/2003	FB060303 BOX32 6/3/2003	FB060403 BOX33 6/4/2003
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2								
51-28-5	2,4-Dinitrophenol	ug/l	OLM04-2-SV	25 UJ	25 UJ	25 UJ	25 U	25 UJ	25 U
100-02-7	4-Nitrophenol	ug/l	OLM04-2-SV	25 U	25 U	25 UJ	25 UJ	25 UJ	25 U
132-64-9	Dibenzofuran	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	ug/l	OLM04-2-SV	0.5 J	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 UJ	10 UJ	10 U
100-01-6	4-Nitroaniline	ug/l	OLM04-2-SV	25 UJ	25 UJ	25 UJ	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/l	OLM04-2-SV	25 U	25 U	25 UJ	25 UJ	25 UJ	25 U
86-30-6	N-Nitrosodiphenylamine	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 UJ	10 U
1912-24-9	Atrazine	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/l	OLM04-2-SV	25 U	25 U	25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	ug/l	OLM04-2-SV	1 J	10 UJ	10 UJ	10 UJ	10 UJ	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	ug/l	OLM04-2-SV	120 D	0.6 J	10 U	10 U	10 UJ	10 U
117-84-0	Di-n-octylphthalate	ug/l	OLM04-2-SV	10 UJ	10 UJ	10 UJ	10 U	10 UJ	10 U
205-99-2	Benzo(b)fluoranthene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	ug/l	OLM04-2-SV	10 U	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \	FB060503 BOX34 6/5/2003	FB060903 BOX36 6/9/2003	FB061003 BOX37 6/10/2003	FB061103 BOX38 6/11/2003
(Group Code)								
2-SV-1-W	Semi-Volatile Organics -page 1 - OLM04.2							
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
108-95-2	Phenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25 U	25 U	25 U	25 U	25 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10 U	10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Semi-Volatile Organic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	FB060503 BOX34 6/5/2003	FB060903 BOX36 6/9/2003	FB061003 BOX37 6/10/2003	FB061103 BOX38 6/11/2003
3-SV-2-W	Semi-Volatile Organics -page 2 - OLM04.2							
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Pesticides/PCBs

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \	FB021003-B BOR59 2/10/2003	FB021003-SL BOR55 2/10/2003	FB021103-SL BOR56 2/11/2003	FB021203-SL BOR57 2/12/2003	FB021303-SL BOR58 2/13/2003	FB031102 BOLA5 3/11/2002
4-PPCBs-w	Pesticide/PCB Organics - OLM04.2									
319-84-6	alpha-BHC	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
319-85-7	beta-BHC	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
319-86-8	delta-BHC	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
76-44-8	Heptachlor	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
309-00-2	Aldrin	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
60-57-1	Dieldrin	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U
72-20-8	Endrin	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	5 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Pesticides/PCBs

9/23/2003
Page 2 of 5

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	FB031202 BOLA7 3/12/2002	FB031302 BOLA9 3/13/2002	FB031402 BOLB1 3/14/2002	FB031502 BOLB3 3/15/2002	FB031802 BOLC3 3/18/2002	FB041301-SDW BSK18 4/13/2001	FB041601-SDW BSM41 4/16/2001
(Group Code)	(Group Description)										
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2										
319-84-6	alpha-BHC	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
72-55-9	4,4'-DDE	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
33213-65-9	Endosulfan II	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-54-8	4,4'-DDD	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor	ug/l	OLM04-2-PP		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
53494-70-5	Endrin ketone	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	ug/l	OLM04-2-PP		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	ug/l	OLM04-2-PP		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	ug/l	OLM04-2-PP		5 U	5 U	5 U	5 U	5 U	5 U	5 U
12674-11-2	Aroclor-1016	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221	ug/l	OLM04-2-PP		2 U	2 U	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U	1 U
53459-21-9	Aroclor-1242	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260	ug/l	OLM04-2-PP		1 U	1 U	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Pesticides/PCBs

9/23/2003
Page 3 of 5

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	Analytic Method	Unit \\\	FB041701-SDW BSM42 4/17/2001	FB041801-SDW BSM45 4/18/2001	FB041901-SDW BSM47 4/19/2001	FB042301-SSS BSM49 4/23/2001	FB042401-SSS BSM51 4/24/2001
(Group Code)	(Group Description)								
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2								
319-84-6	alpha-BHC		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.02 J	0.021 J
309-00-2	Aldrin		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
33213-65-9	Endosulfan II		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-54-8	4,4'-DDD		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor		OLM04-2-PP	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
53494-70-5	Endrin ketone		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde		OLM04-2-PP	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane		OLM04-2-PP	ug/l	0.05 U	0.05 U	0.05 U	0.013 NJ	0.05 U
8001-35-2	Toxaphene		OLM04-2-PP	ug/l	5 U	5 U	5 U	5 U	5 U
12674-11-2	Aroclor-1016		OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221		OLM04-2-PP	ug/l	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232		OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242		OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248		OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254		OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260		OLM04-2-PP	ug/l	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION

Field Blanks

Pesticides/PCBs

9/23/2003
Page 4 of 5

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	FB042501-SDS BSR28 4/25/2001	FB042601-SDS BYX38 4/26/2001	FB042701-SDS BYX39 4/27/2001	FB060203 BOX31 6/2/2003	FB060303 BOX32 6/3/2003	FB060403 BOX33 6/4/2003
(Group Code)	(Group Description)								
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2								
319-84-6	alpha-BHC	OLM04-2-PP	ug/l	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	OLM04-2-PP	ug/l	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	OLM04-2-PP	ug/l	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.014 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05 UJ	0.05 U	0.011 J	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	5 UJ	5 U	5 U	5 U	5 U	5 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1 UJ	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2 UJ	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1 UJ	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1 UJ	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1 UJ	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1 UJ	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1 UJ	1 U	1 U	1 U	1 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Pesticides/PCBs

Gas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \	FB060503 B0X34 6/5/2003	FB060903 B0X36 6/9/2003	FB061003 B0X37 6/10/2003	FB061103 B0X38 6/11/2003
4-P/PCBs-w	Pesticide/PCB Organics - OLM04.2							
319-84-6	alpha-BHC	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U
319-85-7	beta-BHC	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U
319-86-8	delta-BHC	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U
76-44-8	Heptachlor	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l		0.5 U	0.5 U	0.5 U	0.5 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l		5 U	5 U	5 U	5 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l		2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U



SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Inorganic Compounds

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	FB021003-B MB0PM4 2/10/2003	FB021003-SL MB0PB4 2/10/2003	FB021103-SL MB0PB5 2/11/2003	FB021203-SL MB0PB6 2/12/2003	FB021303-SL MB0PM3 2/13/2003
(Group Code)	(Group Description)							
5-Inorg-W	Inorganic Analytes - ILM04.1							
7429-90-5	Aluminum	ILM04-1-M	ug/l	154 B*J	113 B*J	122 B*J	131 B*J	128 B*J
7440-36-0	Antimony	ILM04-1-M	ug/l	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U
7440-38-2	Arsenic	ILM04-1-M	ug/l	4.8 UJ	4.8 UJ	4.8 UJ	4.8 U	4.8 U
7440-39-3	Barium	ILM04-1-M	ug/l	0.6 U	0.6 U	0.7 B	0.6 U	0.6 U
7440-41-7	Beryllium	ILM04-1-M	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7440-43-9	Cadmium	ILM04-1-M	ug/l	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
7440-70-2	Calcium	ILM04-1-M	ug/l	63.5 U	63.5 U	63.5 U	63.5 U	63.5 U
7440-47-3	Chromium	ILM04-1-M	ug/l	0.6 U	0.6 U	0.88 B	0.6 U	0.6 U
7440-48-4	Cobalt	ILM04-1-M	ug/l	1 U	1 U	1 U	1 U	1 U
7440-50-8	Copper	ILM04-1-M	ug/l	0.6 U	0.69 B	0.6 U	0.6 U	0.67 B
7439-89-6	Iron	ILM04-1-M	ug/l	18.7 U*	18.7 U*	18.7 U*	18.7 U*	18.7 U*
7439-92-1	Lead	ILM04-1-M	ug/l	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
7439-95-4	Magnesium	ILM04-1-M	ug/l	21.8 U	21.8 U	33.4 B	21.8 U	21.8 U
7439-96-5	Manganese	ILM04-1-M	ug/l	0.2 UE	0.2 UE	0.2 UE	0.27 BE	0.2 UE
7439-97-6	Mercury	ILM04-1-M	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7440-02-0	Nickel	ILM04-1-M	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
7440-09-7	Potassium	ILM04-1-M	ug/l	167 BE	156 BE	145 BE	141 BE	140 BE
7782-49-2	Selenium	ILM04-1-M	ug/l	4.8 UNJ	4.8 UNJ	4.8 UNJ	4.8 UNJ	4.8 UNJ
7440-22-4	Silver	ILM04-1-M	ug/l	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
7440-23-5	Sodium	ILM04-1-M	ug/l	847 BE	953 BE	790 BE	727 BE	836 BE
7440-28-0	Thallium	ILM04-1-M	ug/l	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
7440-62-2	Vanadium	ILM04-1-M	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7440-66-6	Zinc	ILM04-1-M	ug/l	3.4 B	1.7 B	1.4 U	1.9 BJ	1.4 U
57-12-5	Cyanide	ILM04-1-CN	ug/l	1.6 R	1.6 R	1.6 R	1.6 R	1.6 R

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Inorganic Compounds

Gas Rn	Chemical Name (Group Code) (Group Description)	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	FB031102 MB0KB1 3/11/2002	FB031202 MB0KB2 3/12/2002	FB031302 MB0KB3 3/13/2002	FB031402 MB0KB4 3/14/2002	FB031502 MB0KB5 3/15/2002	FB031802 MB0JX4 3/18/2002
5-Inorg-W	Inorganic Analytes - ILM04.1									
7429-90-5	Aluminum	ILM04-1-M		ug/l	103 B	132 B	105 B	98.1 B	78.1 U	78.1 U
7440-36-0	Antimony	ILM04-1-M		ug/l	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U
7440-38-2	Arsenic	ILM04-1-M		ug/l	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
7440-39-3	Barium	ILM04-1-M		ug/l	0.4 B	0.4 U	0.4 U	0.4 U	0.4 U	0.46 B
7440-41-7	Beryllium	ILM04-1-M		ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
7440-43-9	Cadmium	ILM04-1-M		ug/l	0.56 B	0.4 U	0.4 U	0.54 B	0.4 U	0.4 U
7440-70-2	Calcium	ILM04-1-M		ug/l	227 U	227 U	227 U	227 U	227 U	227 U
7440-47-3	Chromium	ILM04-1-M		ug/l	1 U	1 U	1 U	1.2 B	1 U	1 U
7440-48-4	Cobalt	ILM04-1-M		ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
7440-50-8	Copper	ILM04-1-M		ug/l	1.2 U	1.2 U	1.2 U	1.2 U	1.9 B	1.2 U
7439-89-6	Iron	ILM04-1-M		ug/l	19.3 B	12.2 U	12.2 U	12.2 U	12.2 U	12.2 U
7439-92-1	Lead	ILM04-1-M		ug/l	1.9 U	1.9 U	1.9 U	1.9 U	1.9 UJ	1.9 UJ
7439-95-4	Magnesium	ILM04-1-M		ug/l	31.7 B	22.1 U	22.1 U	22.1 U	22.1 U	22.1 U
7439-96-5	Manganese	ILM04-1-M		ug/l	0.77 B	0.4 U	0.4 U	0.49 B	0.46 B	0.67 B
7439-97-6	Mercury	ILM04-1-M		ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7440-02-0	Nickel	ILM04-1-M		ug/l	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
7440-09-7	Potassium	ILM04-1-M		ug/l	130 BE	94.3 BE	105 BE	87.2 BE	43.9 BE	43.4 BE
7782-49-2	Selenium	ILM04-1-M		ug/l	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
7440-22-4	Silver	ILM04-1-M		ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
7440-23-5	Sodium	ILM04-1-M		ug/l	400 U	400 U	400 U	400 U	400 U	400 U
7440-28-0	Thallium	ILM04-1-M		ug/l	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U
7440-62-2	Vanadium	ILM04-1-M		ug/l	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
7440-66-6	Zinc	ILM04-1-M		ug/l	10 B	3.2 U	3.2 U	3.2 U	5.4 B	5.9 B
57-12-5	Cyanide	ILM04-1-CN		ug/l	1.2 B	2.1 B	0.82 B	1.3 B	1.9 B	1.7 B

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Inorganic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	FB040901-SSS MB06K2 4/9/2001	FB041001-SSS MB06K3 4/10/2001	FB041101-SSS MB06K4 4/11/2001	FB041201-SDW MB06K5 4/12/2001	FB041301-SDW MB06K6 4/13/2001
5-Inorg-W	Inorganic Analytes - ILM04.1							
7429-90-5	Aluminum	ILM04-1-M	ug/l	69.2 B	69.5 B	73 B	68.9 B	168 U
7440-36-0	Antimony	ILM04-1-M	ug/l	2.5 U	2.5 U	2.5 U	2.5 U	3 U
7440-38-2	Arsenic	ILM04-1-M	ug/l	2.6 U	2.6 U	2.6 U	2.6 U	4.6 B
7440-39-3	Barium	ILM04-1-M	ug/l	0.7 U	0.7 U	0.7 U	0.74 U	1.7 U
7440-41-7	Beryllium	ILM04-1-M	ug/l	0.3 U	0.3 U	0.3 U	0.3 U	0.2 U
7440-43-9	Cadmium	ILM04-1-M	ug/l	0.6 U	0.6 U	0.6 U	0.79 B	0.3 U
7440-70-2	Calcium	ILM04-1-M	ug/l	88.5 B	128 B	106 B	147 B	136 U
7440-47-3	Chromium	ILM04-1-M	ug/l	0.6 U	0.6 U	0.6 U	0.6 U	0.7 U
7440-48-4	Cobalt	ILM04-1-M	ug/l	1 U	1 U	1 U	1 U	1.1 U
7440-50-8	Copper	ILM04-1-M	ug/l	1 U	1 U	1 U	1 U	0.7 U
7439-89-6	Iron	ILM04-1-M	ug/l	15.2 B	14.6 U	14.6 U	14.6 U	54.6 U
7439-92-1	Lead	ILM04-1-M	ug/l	2.8 U	2.8 U	2.8 U	2.8 U	1.5 U
7439-95-4	Magnesium	ILM04-1-M	ug/l	27 U	27 U	28.4 B	29.5 B	132 U
7439-96-5	Manganese	ILM04-1-M	ug/l	0.31 B	0.46 B	0.3 U	0.34 B	0.4 U
7439-97-6	Mercury	ILM04-1-M	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7440-02-0	Nickel	ILM04-1-M	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.5 U
7440-09-7	Potassium	ILM04-1-M	ug/l	98.6 B	88.2 B	98 B	101 B	156 B
7782-49-2	Selenium	ILM04-1-M	ug/l	2 U	2 U	2 U	2 U	3.4 U
7440-22-4	Silver	ILM04-1-M	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.8 U
7440-23-5	Sodium	ILM04-1-M	ug/l	564 B	474 U	769 B	2530 B	385 B
7440-28-0	Thallium	ILM04-1-M	ug/l	3.4 U	3.4 U	3.4 U	3.7 B	4 BU
7440-62-2	Vanadium	ILM04-1-M	ug/l	1 U	1 U	1 U	1 U	0.9 U
7440-66-6	Zinc	ILM04-1-M	ug/l	2.9 B	3.9 B	1.9 B	2.4 B	2.8 B
57-12-5	Cyanide	ILM04-1-CN	ug/l	1.1 U	2 B	1.3 B	1.8 B	2.4 B

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Inorganic Compounds

Cas Rn	Chemical Name (Group Description)	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	FB041601-SDW MB06K7 4/16/2001	FB041701-SDW MB06K8 4/17/2001	FB041801-SDW MB06K9 4/18/2001	FB041901-SDW MB06L0 4/19/2001	FB042301-SSS MB06L1 4/23/2001
5-Inorg-W	Inorganic Analytes - ILM04.1							
7429-90-5	Aluminum	ILM04-1-M	ug/l	168 U	168 U	168 U	168 U	38 BE
7440-36-0	Antimony	ILM04-1-M	ug/l	3 U	3 U	3 U	3 U	10 U
7440-38-2	Arsenic	ILM04-1-M	ug/l	4.4 B	4 U	4 U	4 U	5.5 U
7440-39-3	Barium	ILM04-1-M	ug/l	1.7 U	1.7 U	1.7 U	1.7 U	0.5 U
7440-41-7	Beryllium	ILM04-1-M	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.1 U
7440-43-9	Cadmium	ILM04-1-M	ug/l	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U
7440-70-2	Calcium	ILM04-1-M	ug/l	136 U	136 U	136 U	136 U	11.1 U
7440-47-3	Chromium	ILM04-1-M	ug/l	0.7 U	0.7 U	0.7 U	0.7 U	1 U
7440-48-4	Cobalt	ILM04-1-M	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
7440-50-8	Copper	ILM04-1-M	ug/l	0.7 U	0.7 U	0.7 U	0.7 U	1.5 U
7439-89-6	Iron	ILM04-1-M	ug/l	54.6 U	54.6 U	54.6 U	54.6 U	17 UN
7439-92-1	Lead	ILM04-1-M	ug/l	1.5 UJ	1.5 UJ	1.5 U	1.5 U	1.5 UN
7439-95-4	Magnesium	ILM04-1-M	ug/l	132 U	132 U	132 U	132 U	10.6 U
7439-96-5	Manganese	ILM04-1-M	ug/l	0.41 B	0.4 U	0.4 U	0.4 U	0.2 U
7439-97-6	Mercury	ILM04-1-M	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.2 UJ
7440-02-0	Nickel	ILM04-1-M	ug/l	1.5 U	1.5 U	1.5 U	1.5 U	1.6 U
7440-09-7	Potassium	ILM04-1-M	ug/l	124 B	116 B	94.2 B	96.5 B	19.9 UE
7782-49-2	Selenium	ILM04-1-M	ug/l	3.4 U	3.4 U	3.4 U	3.4 U	4.8 UJ
7440-22-4	Silver	ILM04-1-M	ug/l	0.8 U	0.8 U	0.8 U	0.8 U	2 UNJ
7440-23-5	Sodium	ILM04-1-M	ug/l	346 B	318 B	368 B	305 B	258 UE
7440-28-0	Thallium	ILM04-1-M	ug/l	3.9 U	3.9 U	3.9 U	3.9 U	6.9 U
7440-62-2	Vanadium	ILM04-1-M	ug/l	0.9 U	0.9 U	0.9 U	0.9 U	1.4 U
7440-66-6	Zinc	ILM04-1-M	ug/l	3.8 B	2.7 B	3.4 B	2 B	5.6 U
57-12-5	Cyanide	ILM04-1-CN	ug/l	2.8 B	4.7 B	1.3 BJ	2.9 BJ	45.4

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Inorganic Compounds

Cas Rn	Chemical Name	Sample Code Sample Name Sample Date	FB042401-SSS MB06L2 4/24/2001	FB042501-SDS MB06L3 4/25/2001	FB042601-SDS MB06L4 4/26/2001	FB042701-SDS MB06L5 4/27/2001	FB060203 6/2/2003
(Group Code)	(Group Description)	Analytic Method	Unit \				
5-Inorg-W	Inorganic Analytes - ILM04.1						
7429-90-5	Aluminum	ILM04-1-M	ug/l	36.8 BE	43.5 BE	39.5 BE	36.5 BE
7440-36-0	Antimony	ILM04-1-M	ug/l	10 U	10 U	10 U	10 U
7440-38-2	Arsenic	ILM04-1-M	ug/l	5.5 U	5.5 U	5.5 U	5.5 U
7440-39-3	Barium	ILM04-1-M	ug/l	0.5 U	0.5 U	0.5 U	0.5 U
7440-41-7	Beryllium	ILM04-1-M	ug/l	0.1 U	0.1 U	0.1 U	0.1 U
7440-43-9	Cadmium	ILM04-1-M	ug/l	0.4 U	0.4 U	0.4 U	0.4 U
7440-70-2	Calcium	ILM04-1-M	ug/l	11.1 U	13.2 B	57 B	11.1 U
7440-47-3	Chromium	ILM04-1-M	ug/l	1 U	1 U	1 U	1 U
7440-48-4	Cobalt	ILM04-1-M	ug/l	1.1 U	1.1 U	1.1 U	1.1 U
7440-50-8	Copper	ILM04-1-M	ug/l	1.5 U	1.5 U	1.5 U	1.5 U
7439-89-6	Iron	ILM04-1-M	ug/l	17 UN	17 UN	17 UN	17 UN
7439-92-1	Lead	ILM04-1-M	ug/l	1.5 UN	1.5 UN	1.5 UN	1.5 UN
7439-95-4	Magnesium	ILM04-1-M	ug/l	10.6 U	10.6 U	10.6 U	10.6 U
7439-96-5	Manganese	ILM04-1-M	ug/l	0.2 U	0.3 B	0.92 B	0.2 U
7439-97-6	Mercury	ILM04-1-M	ug/l	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ
7440-02-0	Nickel	ILM04-1-M	ug/l	1.6 U	1.6 U	1.6 U	1.6 U
7440-09-7	Potassium	ILM04-1-M	ug/l	19.9 UE	19.9 UE	19.9 UE	19.9 UE
7782-49-2	Selenium	ILM04-1-M	ug/l	4.8 UJ	4.8 UJ	4.8 UJ	4.8 UJ
7440-22-4	Silver	ILM04-1-M	ug/l	2 UNJ	2 UNJ	2 UNJ	2 UNJ
7440-23-5	Sodium	ILM04-1-M	ug/l	258 UE	258 UE	258 UE	258 UE
7440-28-0	Thallium	ILM04-1-M	ug/l	6.9 U	6.9 U	6.9 U	6.9 U
7440-62-2	Vanadium	ILM04-1-M	ug/l	1.4 U	1.4 U	1.4 U	1.4 U
7440-66-6	Zinc	ILM04-1-M	ug/l	5.6 U	21.3	19.6 B	5.6 U
57-12-5	Cyanide	ILM04-1-CN	ug/l	38.6	92.2	9.8 B	22.7
							N/A

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Inorganic Compounds

Cas Rn	Chemical Name (Group Code)	Analytic Method	Sample Code Sample Name Sample Date	Unit \	FB060303 6/3/2003	FB060403 6/4/2003	FB060503 6/5/2003	FB060903 6/9/2003	FB061003 6/10/2003	FB061103 6/11/2003
5-Inorg-W	Inorganic Analytes - ILM04.1									
7429-90-5	Aluminum	ILM04-1-M		ug/l	7.8 J	32.4 J	31.4 J	36.6 J	200 U	16.3 J
7440-36-0	Antimony	ILM04-1-M		ug/l	60 U	60 U	60 U	60 U	60 U	9.3 J
7440-38-2	Arsenic	ILM04-1-M		ug/l	15 U	15 U	15 U	15 U	15 U	15 U
7440-39-3	Barium	ILM04-1-M		ug/l	200 U	200 U	200 U	0.92 J	200 U	2.5 J
7440-41-7	Beryllium	ILM04-1-M		ug/l	5 U	5 U	5 U	5 U	5 U	5 U
7440-43-9	Cadmium	ILM04-1-M		ug/l	5 U	5 U	5 U	0.82 J	5 U	5 U
7440-70-2	Calcium	ILM04-1-M		ug/l	54.1 J	41.7 J	43.9 J	58.3 J	5000 U	243 J
7440-47-3	Chromium	ILM04-1-M		ug/l	10 U	6.1 J	10 U	1.8 J	2 J	3.8 J
7440-48-4	Cobalt	ILM04-1-M		ug/l	50 U	1 J	0.56 J	50 U	50 U	50 U
7440-50-8	Copper	ILM04-1-M		ug/l	0.95 J	4.3 J	3.8 J	43.7 J	18.5 J	25 U
7439-89-6	Iron	ILM04-1-M		ug/l	17.1 J	38.8 J	100 U	29.3 J	16.2 J	37.3 J
7439-92-1	Lead	ILM04-1-M		ug/l	10 U	10 U	10 U	10 U	10 U	10 U
7439-95-4	Magnesium	ILM04-1-M		ug/l	6.8 J	29.6 J	27.8 J	66.7 J	17.6 J	38.1 J
7439-96-5	Manganese	ILM04-1-M		ug/l	15 U	15 U	15 U	1.2 J	0.34 J	0.79 J
7439-97-6	Mercury	ILM04-1-M		ug/l	0.2 U	0.2 U	0.2 U	0.09 J	0.2 U	0.2 U
7440-02-0	Nickel	ILM04-1-M		ug/l	40 U	2.7 J	40 U	3 J	40 U	2.2 J
7440-09-7	Potassium	ILM04-1-M		ug/l	5000 U	5000 U	5000 U	66.5 J	5000 U	5000 U
7782-49-2	Selenium	ILM04-1-M		ug/l	35 U	35 U	35 U	35 U	35 U	35 U
7440-22-4	Silver	ILM04-1-M		ug/l	10 U	10 U	10 U	10 U	0.65 J	10 U
7440-23-5	Sodium	ILM04-1-M		ug/l	123 J	5000 U	5000 U	325 J	5000 U	5000 U
7440-28-0	Thallium	ILM04-1-M		ug/l	25 U	25 U	25 U	25 U	25 U	25 U
7440-62-2	Vanadium	ILM04-1-M		ug/l	50 U	50 U	50 U	50 U	50 U	50 U
7440-66-6	Zinc	ILM04-1-M		ug/l	5.2 J	18.2 J	10.1 J	22 J	8.9 J	13.1 J
57-12-5	Cyanide	ILM04-1-CN		ug/l	10 U	2.9 J	2.9 J	2.1 J	10 U	10 U

Cas Rn	Chemical Name	Analytic Method	Sample Code	FB031102	FB031202	FB031302	FB031402	FB031502	FB031802
	(Group Description)		Sample Name						
			Sample Date	3/11/2002	3/12/2002	3/13/2002	3/14/2002	3/15/2002	3/18/2002
	Unit \\\								
EMS-W-CONT									
pH	pH	MCAWW150-1	S.U.	4.39	6.15	5.88	5.85	5.88	5.49
TOC	Total organic carbon	SW9060	mg/l	0.37	1.19	0.51	0.25 U	0.44	0.25 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	FB041201-SDW 4/12/2001	FB041301-SDW 4/13/2001	FB041601-SDW 4/16/2001	FB041701-SDW 4/17/2001	FB041801-SDW 4/18/2001
(Group Code)	(Group Description)							
EMS-W-CONT	pH - TOC							
pH	pH	MCAWW150-1 S.U.		4.67	4.83 J	5.94 J	5.6	5.91 J
TOC	Total organic carbon	SW9060 mg/l		1 U	1 U	3 U	3 U	3 U

SMITHTOWN GROUNDWATER CONTAMINATION
Field Blanks
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\\	FB041901-SDW 4/19/2001	FB042301-SSS 4/23/2001	FB042401-SSS 4/24/2001	FB042501-SDS 4/25/2001	FB042601-SDS 4/26/2001	FB042701-SDS 4/27/2001
(Group Code)	(Group Description)								
EMS-W-CONT	pH - TOC								
pH	pH	MCAWW150-1	S.U.	5.7 J	5.71		5.78 J	5.91 J	6.06 J
TOC	Total organic carbon	SW9060	mg/l	3 U	3 U	3 U	3 U	3 U	1 U

SMITHTOWN GROUNDWATER CONTAMINATION

9/24/2003
Page 4 of 4Field Blanks
Wet Chemistry

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date	Unit \\\	FB031102 3/11/2002	FB031202 3/12/2002	FB031302 3/13/2002	FB031402 3/14/2002	FB031502 3/15/2002	FB031802 3/18/2002
(Group Code)	(Group Description)									
GWM-Wet	Wet Chemistry Analysis									
pH	pH				4.39	6.15	5.88	5.85	5.88	5.49
TDS	Total Dissolved Solids	MCAWW150-1	S.U.		10000 U	10000 U	10000 U	10000 U	10000 U	10000 U
TSS	Total Suspended Solids	MCAWW160-1	ug/l		5000 U	5000 U	5000 U	5000 U	5000 U	5000 U
CACO3-A	Alkalinity as CaCO3	MCAWW160-2	ug/l		2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
NH3	Nitrogen, ammonia	MCAWW310-1	ug/l		500 U	500 U	500 U	500 U	500 U	500 U
TKN	Nitrogen, total kjeldahl	MCAWW350-2	ug/l		500 U	500 U	500 U	500 U	500 U	500 U
NO3	Nitrate (as N)	MCAWW351-	ug/l		500 U	500 U	500 U	500 U	500 U	500 U
SO4	Sulfate	MCAWW353-3	ug/l		100 U	100 U	100 U	100 U	100 U	100 U
BOD	Biological oxygen demand	MCAWW375-	ug/l		150 U	150 U	150 U	150 U	150 U	150 U
CACOA-H	Hardness as CaCO3	MCAWW405-1	ug/l		2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
CL	Chloride	SM2340B	ug/l		2000 U	2000 U	600000	750000	82500	78600
COD	Chemical oxygen demand	SM4500-CL	ug/l		100 U	180	150	150	160	100 U
TOC	Total organic carbon	SM5220D	ug/l		10000 U	10000 U	10000 U	10000 U	10000 U	10000 U
		SW9060	ug/l		370	1190	510	250 U	440	250 U

Appendix H
Data Usability Assessment

QUALITATIVE ASSESSMENT OF DATA

For Residential Well Water, Groundwater, Vertical Profile Wells, Surface Water, Sediment, Waste Water and Sludge Sampling

INTRODUCTION

Quality Assurance (QA) objectives for measuring data are expressed in terms of precision, accuracy, representativeness, comparability, and completeness. The QA objectives provide a mechanism for ongoing control and evaluation of data quality throughout the project. Field Quality Assurance/Quality Control (QA/QC) objectives were accomplished through the use of appropriate sampling techniques and collection of field duplicates, field blanks, and trip blanks. Analytical QA/QC was assessed by internal QC checks, calibration checks, method blanks, surrogate spikes, adherence to holding times, laboratory control samples (LCSs) and matrix spike/matrix spike duplicates (MS/MSDs).

The CDM Final Quality Assurance Project Plan Phase I, Smithtown Groundwater Contamination Site, Smithtown, NY (QAPP), dated August 19, 1999, is the governing document for the groundwater, surface water, and sediment investigation of the Smithtown Groundwater Contamination Site. Data quality objectives (DQOs) for laboratory analysis are governed by the EPA Contract Laboratory Program (CLP) Statements of Work (SOWs) as cited in the QAPP and CDM subcontract SOWs with EMSL Analytical Services and Mitkem laboratories. DQOs for field sampling QA/QC procedures are also cited in the QAPP with regard to QC sample frequencies, shipping, and custody procedures.

PRECISION

Precision is a quantitative term that determines the reproducibility of measurements under a given set of conditions. The acceptability of the precision can be determined only after the site-specific data has been evaluated. Analytical precision cannot be determined if the reported value is less than the instrument detection limit.

Precision for a given parameter is reflected by the analytical results of field and laboratory duplicates, and is influenced by both field sampling and laboratory techniques. Quantitation of field and laboratory precision is unique to each site, sampler, sample collection method, analytical method, laboratory analyst, and sample matrix. Laboratory precision goals for field sampling procedures were assessed by calculating relative percent differences (RPDs) for the MS/MSD or matrix duplicate data, and precision goals for field sampling procedures were assessed by calculating RPDs for the field duplicate data. Laboratory precision DQOs are given in the individual EPA CLP SOWs and applied during CLP data validation.

Residential Well Water Samples

Fourteen MS/MSDs were prepared and analyzed for volatile organic compounds (VOCs); 70 out of 70 of the spike replicate pairs had RPD values within required QC limits, representing a laboratory precision of 100 percent.

Sixteen field duplicate samples were collected representing 20 percent of the environmental samples taken for VOC analysis. Determination of precision is based on the RPDs of result pairs. An RPD of less than 50 percent is used as a criteria for acceptable field duplicate precision. Table 3a contains tables of duplicate sample results.

Thirty-seven compound pairs were detected, three of which had RPDs greater than 50. This represents a field precision of approximately 92 percent. This reflects a reasonable level of sampling precision.

Groundwater Samples

Three MS/MSDs were prepared and analyzed for volatile organic compounds (VOCs), 15 out of 15 of the spike replicate pairs had RPD values within required QC limits representing a laboratory precision of 100 percent. Three MS/MSDs were prepared and analyzed for semi-volatile organic compounds (SVOCs), 27 out of 27 of the spike replicates pairs had RPD values within required QC limits representing a laboratory precision of 100 percent. Three MS/MSDs were prepared and analyzed for pesticide/polychlorinated biphenyls analysis (Pest/PCB), 18 out of 18 replicate pairs had RPD values within QC limits representing laboratory precision of 100 percent. Three matrix duplicates (MDs) were prepared and analyzed for Target Analyte List (TAL) metals, 69 out of 69 of the replicate pairs had RPD values within required QC limits representing a laboratory precision of 100 percent.

Three field duplicate samples were collected representing 20 percent of the environmental samples taken for each analytical fraction: VOC, SVOC, Pesticide/PCB and TAL metals. Determination of precision is based on the RPDs of result pairs. An RPD of less than 50 percent is used as a criteria for acceptable field duplicate precision. Table 3b contains tables of duplicate sample results.

Thirty-nine compound pairs were detected, five metal results had RPDs greater than 50. This represent a field precision of 87 percent, reflecting a reasonable level of sampling precision.

Surface Water Samples

Three MS/MSDs were prepared and analyzed for VOCs; 15 out of 15 of the spike replicates pairs had RPD values within required QC limits, representing a laboratory precision of 100 percent. Three MS/MSDs were prepared and analyzed for SVOCs; 27 out of 27 of the spike replicates pairs had RPD values within required QC limits, representing a laboratory precision of 100 percent. Three MS/MSDs were prepared and analyzed for pest/PCB, 18 out of 18 replicate pairs had RPD values within QC limits, representing laboratory precision of 100 percent. Three MDs were prepared and analyzed for TAL metals; 69 out of 69 of the replicate pairs had RPD values within required QC limits, representing a laboratory precision of 100 percent.

Two field duplicate samples were collected representing 20 percent of the environmental samples taken for each analytical fraction: VOC, SVOC, Pest/PCB and TAL metals. Determination of precision is based on the RPDs of result pairs. An RPD of less than 50 percent is used as a criteria for acceptable field duplicate precision. Table 3c contains tables of duplicate sample results.

Twenty-five compound pairs were detected, five of which had RPDs greater than 50. This represent a field precision of approximately 80 percent. This reflects a reasonable level of sampling precision.

Sediment Samples

Four MS/MSDs were prepared and analyzed for volatile organic compounds (VOCs); 20 out of 20 of the spike replicates pairs had RPD values within required QC limits, representing a laboratory precision of 100 percent. Four MS/MSDs were prepared and analyzed for SVOCs; 36 out of 36 of the spike replicates pairs had RPD values within required QC limits, representing a laboratory precision of 100 percent. Four MS/MSDs were prepared and analyzed for pest/PCB; 24 out of 24 replicate pairs had RPD values within QC limits, representing laboratory precision of 100 percent. Four MDs were prepared and analyzed for TAL metals; 85 out of 92 of the replicate pairs had RPD values within required QC limits, representing a laboratory precision of 92 percent.

Six field duplicate samples were collected representing 20 percent of the environmental samples taken for each analytical fraction: VOC, SVOC, Pest/PCB and TAL metals. Determination of precision is based on the RPDs of result pairs. An RPD of less than 100 percent is used as a criteria for acceptable field duplicate precision. Table 3d contains tables of duplicate sample results.

Ninety-two compound pairs were detected, six of which had RPDs greater than the required criteria of 100% for sediment and soils and 50% for aqueous samples. This represent a field precision of approximately 93 percent, reflecting a high level of sampling precision.

Waste Water Samples

None of the waste water samples were analyzed as an MS/MSD for VOCs, SVOCs, or Pest/PCBs. One MD was prepared and analyzed for TAL metals. The laboratory reported that the absolute difference between sample and duplicate results was greater than CRDL only for aluminum. As a result, all results for aluminum was flagged as estimated values. The waste water samples were analyzed by EPA's DESA laboratory and are reported as validated sample data.

One field duplicate sample was collected representing 20 percent of the environmental samples taken for reach analytical fraction: VOC, SVOC, Pest/PCB, and TAL metals. Determination of precision is based on the RPDs of result pairs. An RPD of less than 50 percent is used as a criteria for acceptable field duplicated precision. Table 3f contains a table of duplicate sample results.

Twenty-six compound pairs were detected, none of which has RPDs greater than 50. This represents a field precision of 100 percent. This reflects a high level of sampling precision.

Sludge Samples

One MS/MSD was prepared and analyzed for VOCs, SVOCs, and Pest/PCBs. In the results for the MS/MSD sample, the laboratory noted one compound, dieldrin, with a remark indicating that the sample replicate precision does not meet the acceptance criteria. One MD was prepared and analyzed for TAL metals. The laboratory reported that the absolute difference between sample and duplicated results was greater than CRDL for two compounds, calcium and magnesium. As a result, all results for the two compounds were flagged as estimated values. The sludge samples were analyzed by EPA's DESA laboratory and are reported as validated sample data.

One field duplicate sample was collected representing 20 percent of the environmental samples taken for reach analytical fraction: VOC, SVOC, Pest/PCB, and TAL metals. Determination of precision is based on the RPDs of result pairs. An RPD of less than 100 percent is used as a criteria for acceptable field duplicated precision. Table 3g contains a table of duplicate sample results.

Twenty-seven compound pairs were detected, nine of which has RPDs greater than 100. This represents a field precision of approximately 67 percent. This reflects a low-level of sampling precision. The low level of precision can be a result of the fact that there was a difference in percent solids among the two samples.

Vertical Profile Well Samples

Two MS/MSDs were prepared and analyzed for volatile organic compounds (VOCs); 10 out of 10 of the spike replicate pairs had RPD values within required QC limits, representing a laboratory precision of 100 percent.

Two field duplicate samples were collected representing 20 percent of the environmental samples taken for VOC analysis. Determination of precision is based on the RPDs of result pairs. An RPD of less than 50 percent is used as a criteria for acceptable field duplicate precision. Table 3f contains tables of duplicate sample results.

Four compound pairs were detected, none of which had RPDs greater than 50. This represents a field precision of approximately 100 percent. This reflects a high level of sampling precision.

Groundwater MNA Samples

Five MDs were prepared and analyzed for MNA parameters; 37 out of 40 of the spike replicate pairs had RPD values within required QC limits, representing a laboratory precision of 92 percent.

Three field duplicate samples were collected representing 20 percent of the environmental samples taken for MNA parameter analysis. Determination of precision is based on the RPDs of result pairs. An RPD of less than 50 percent is used as a criteria for acceptable field duplicate precision. Table 3h contains tables of duplicate sample results.

Nineteen compound pairs were detected, two of which had RPDs greater than 50. This represents a field precision of approximately 90 percent. This reflects a high level of sampling precision.

ACCURACY

Accuracy is a quantitative term that estimates the bias in a measurement system. Analytical accuracy for the entire data collection activity is difficult to measure because several sources of error exist. Errors can be introduced by any of the following:

- Sampling procedure
- Field contamination
- Sample preservation and handling
- Sample matrix

Sample preparation
Holding Time
Analytical techniques

Accuracy of the analytical data is assessed using recovery results from MS/MSD, surrogate spike, laboratory control sample (LCS), and performance evaluation (PE) sample analysis.

Residential Well Water Samples

Fourteen VOC MS/MSDs were prepared and analyzed, 140 out of 140 spike compounds had percent recoveries (%R) values within QC limits representing laboratory accuracy of 100 percent.

LCSs were used by the laboratory that analyzed for VOCs to aid in the evaluation of laboratory accuracy. LCSs are simple matrix (i.e. laboratory pure water) which are spiked with a known concentration of the compounds of interest. LCS samples were analyzed with every analytical batch of VOC samples. An analytical batch consists of approximately 20 environmental samples. Over 28 LCS samples were analyzed with residential well samples. LCS recoveries associated with the residential well samples were all within QC limits.

Trip blanks were collected on each day of sampling and accompanied the aqueous VOC samples during field activities and in transit. Trip blanks are used to determine possible atmospheric contamination that may influence VOC results. Low levels of several compounds were detected in the trip blanks associated with residential well samples. Table 1a contains a summary of contaminants found in the trip blanks.

The influence of blank contamination on sample data results was assessed during data validation and proper qualifications were added to the data. In general blank contamination is interpreted as having a high bias effect on the related data. The resulting data are qualified by considering low detected values in samples as non-detected results. Blank contamination is never subtracted from sample result data.

Groundwater Samples

Three VOC MS/MSDs were prepared and analyzed; 30 out of 30 spike compounds had percent recoveries (%R) values within QC limits, representing laboratory accuracy of 100 percent. Three SVOC MS/MSDs were prepared and analyzed; 49 out of 49 spike compounds had %R values within QC limits, representing laboratory accuracy of 100 percent. Three Pest/PCB MS/MSDs were prepared and analyzed; 36 out of 36 spike compounds had %R values within QC limits, representing laboratory accuracy of 100 percent. Three metal MS samples were prepared and analyzed; 46 out of 46 of the spike compounds had %R values within required QC limits, representing a laboratory accuracy of 100 percent.

Surrogate spike recoveries serve as an indication of matrix interference and/or laboratory preparation techniques on a sample by sample basis. In general, surrogate recoveries for these data are within established criteria. Four VOC samples had surrogate recoveries outside criteria. Related VOC data were qualified as being estimated during data validation.

Four VOC LCSs were prepared and analyzed; 164 out of 164 spike compound recoveries were within QC limits, representing a laboratory accuracy of 100 percent.

Field blanks were collected after equipment decontamination by pumping analyte-free water through the pump for groundwater sample blanks. One field blank was collected on each day of sampling. Field blanks were analyzed for VOCs, SVOCs, Pest/PCBs and TAL metals. Twelve field blanks were collected during the groundwater sample phase. Table 2 contains a summary of the contaminants found in the field blanks.

Trip blanks were collected on each day of sampling and accompanied the aqueous VOC samples during field activities and in transit. Trip blanks are used to determine possible atmospheric contamination that may influence VOC results. Low levels of several compounds were detected in the trip blanks associated with groundwater well samples. Table 1b contains a summary of contaminants found in the trip blanks.

The influence of blank contamination on sample data results was assessed during data validation and proper qualifications were added to the data. In general blank contamination is interpreted as having a high bias effect on the related data. The resulting data are qualified by considering low detected values in samples as non-detected results. Blank contamination is never subtracted from sample result data.

Surface Water Samples

Three VOC MS/MSDs were prepared and analyzed; 30 out of 30 spike compounds had %R values within QC limits, representing laboratory accuracy of 100 percent. Three SVOC MS/MSDs were prepared and analyzed; 54 out of 54 spike compounds had %R values within QC limits, representing laboratory accuracy of 100 percent. Three Pest/PCB MS/MSDs were prepared and analyzed; 36 out of 36 spike compounds had %R values within QC limits, representing laboratory accuracy of 100 percent. Three metal MS samples were prepared and analyzed; 69 out of 69 of the spike compounds had %R values within required QC limits, representing a laboratory accuracy of 100 percent.

Surrogate recoveries for these data were within established criteria.

Collection of field blanks was not required for surface water samples.

Ten trip blanks were collected during the surface water sampling. Acetone and methylene chloride were detected in the trip blanks associated with surface water samples. Table 1c contains a summary of contaminants found in surface water trip blanks. Please refer to groundwater section for discussion of the possible effect on sample data due to blank contamination.

Sediment Samples

Four VOC MS/MSDs were prepared and analyzed; 40 out of 40 spike compounds had %R values within QC limits, representing laboratory accuracy of 100 percent. Four SVOC MS/MSDs were prepared and analyzed; 72 out of 72 spike compounds had %R values within QC limits, representing laboratory accuracy of 100 percent. Four Pest/PCB MS/MSDs were prepared and analyzed; 48 out of 48 spike compounds had %R values within QC limits,

representing laboratory accuracy of 100 percent. Four metal MS samples were prepared and analyzed; 89 out of 92 of the spike compounds had %R values within required QC limits, representing a laboratory accuracy of 98 percent.

One sample analyzed for Pest/PCB and one sample analyzed for SVOCs had surrogate recoveries outside criteria. Related pest/PCB data were qualified as being estimated during data validation. Related SVOC data were qualified as being either estimated if compound was detected or rejected if compound was not detected. Poor surrogate recovery is an indication of individual sample matrix interference.

Field blanks were collected by passing analyte-free water over the sampling spoon and mixing bowl after they were decontaminated. One field blank was collected on each day of sampling. Field blanks were analyzed for VOCs, SVOCs, and TAL metals. Ten field blanks were collected during the sediment sampling program. Table 2b contains a summary of the contaminants found in the sediment field blanks. In general blank contamination is interpreted as having a high bias effect on the related data. The resulting data are qualified by considering low detected values in samples as non-detected results. Blank contamination is never subtracted from sample result data.

Holding time was exceeded for one VOC sample, nine SVOC samples and eleven Pest/PCB samples. Related data were qualified as estimated during data validation. Results reported from samples analyzed out of holding time are generally considered biased low.

Waste Water Samples

None of the waste water samples were analyzed as an MS/MSD for VOCs, SVOCs, or Pest/PCBs. One MD was prepared and analyzed for TAL metals; 22 out of 23 compounds had %R values within QC limits, representing a laboratory accuracy of 96 percent.

The one MD analyzed for TAL metals indicated that the absolute difference between sample and duplicate results was greater than CRDL for one compound. Related results for this compound was flagged as estimated values.

One field blank was collected on one of the disposable bailers out of the lot of bailers that were used to collect the waste water samples. The field blank was collected by filling the bailer with analyte-free water and then pouring the water from the bailer into the sample bottles. Since only one lot of disposable bailers was used, only one field blank was collected. The field blank was analyzed for VOCs, SVOCs, and TAL metals. Table 2c contains a summary of the contaminants found in the waste water bailer field blank. In general blank contamination is interpreted as having a high bias effect on the related data. The resulting data are qualified by considering low detected values in samples as non-detected results. Blank contamination is never subtracted from sample result data..

Four trip blanks were collected during the waste water sampling activity. Acetone was detected at an estimated value in one of the trip blanks associated with waste water samples. Table 1d contains a summary of contaminants found in waste water trip blanks. Please refer to groundwater section for discussion of the possible effect on sample data due to blank contamination.

Sludge Samples

One MS/MSD was prepared and analyzed for VOCs and SVOCs; none of the compounds in this sample were indicated to be out of the QC limits, representing a laboratory accuracy of 100 percent. One MS/MSD was prepared and analyzed for Pest/PCBs; 28 out of 29 compounds had %R values within QC limits, representing a laboratory accuracy of 97 percent. One MD was prepared and analyzed for TAL metals; 21 out of 23 compounds reported by the laboratory had %R values within QC limits, representing a laboratory accuracy of 91 percent.

The one MD analyzed for TAL metals indicated that the absolute difference between sample and duplicate results was greater than CRDL for two compounds. Related results for these compounds were flagged as estimated values.

Field blanks were collected by passing analyte-free water over the sampling spoon and mixing bowl after they were decontaminated. One field blank was collected on each day of sampling. Field blanks were analyzed for VOCs, SVOCs, and TAL metals. Four field blanks were collected during the sludge sampling program. Table 2d contains a summary of the contaminants found in the sludge field blanks. In general blank contamination is interpreted as having a high bias effect on the related data. The resulting data are qualified by considering low detected values in samples as non-detected results. Blank contamination is never subtracted from sample result data.

Vertical Profile Well Samples

Two VOC MS/MSDs were prepared and analyzed, 10 out of 10 spike compounds had percent recoveries (%R) values within QC limits representing laboratory accuracy of 100 percent.

LCSs were used by the laboratory that analyzed for VOCs to aid in the evaluation of laboratory accuracy. LCSs are simple matrix (i.e., laboratory pure water) which are spiked with a known concentration of the compounds of interest. LCS samples were analyzed with every analytical batch of VOC samples. An analytical batch consists of approximately 20 environmental samples. Twenty-eight LCS samples were analyzed with residential well samples. LCS recoveries associated with the residential well samples were all within QC limits.

Trip blanks were collected on each day of sampling and accompanied the aqueous VOC samples during field activities and in transit. Trip blanks are used to determine possible atmospheric contamination that may influence VOC results. Low levels of several compounds were detected in the trip blanks associated with residential well samples. Table 1e contains a summary of contaminants found in the trip blanks.

The influence of blank contamination on sample data results was assessed during data validation and proper qualifications were added to the data. In general blank contamination is interpreted as having a high bias effect on the related data. The resulting data are qualified by considering low detected values in samples as non-detected results. Blank contamination is never subtracted from sample result data.

Groundwater MNA Samples

Five MNA parameter MS were prepared and analyzed, 40 out of 40 spike compounds had %R values within QC limits representing laboratory accuracy of 100 percent.

LCSs were used by the laboratory that analyzed for MNA parameters to aid in the evaluation of laboratory accuracy. LCSs are simple matrix (i.e., laboratory pure water) which are spiked with a known concentration of the compounds of interest. LCS samples were analyzed with every analytical batch of VOC samples. An analytical batch consists of approximately 20 environmental samples. Five LCS samples were analyzed with MNA samples. LCS recoveries associated with the residential well samples were all within QC limits.

REPRESENTATIVENESS

Representativeness is a qualitative term that expresses the degree to which the sample data represents the environmental condition of the location and sampling interval from which the samples were collected. The absence or presence of chemical contaminants in the results are representative of the environmental conditions at the Smithtown Groundwater Contamination Site. During the data validation process, all data which were deemed unusable have been rejected and therefore not incorporated into the characterization of the site conditions. The vertical profile well samples from VPW-1 through VPW-11 did not go through a validation process. Sampling procedures which were identified in the EPA-approved QAPP (August 1999) were followed explicitly to assure representative samples were collected in a consistent manner.

Several sediment samples had percent solids less than 50. During data validation results from any samples with low percent solids was qualified as being estimated or rejected if percent solids are extremely low. Three of the sludge samples has percent solids that were less than 50 but greater than 10. The laboratory flagged some of the analytes for these samples as estimated due to the low percent solids. Representativeness is adversely affected by samples with low percent solids.

COMPARABILITY

Comparability is a qualitative term that expresses the confidence with which a data set can be compared with another. Strict adherence to standard sample collection procedures, analytical detection limits, and analytical methods assures that data from like samples and sample conditions are comparable. This comparability is independent of laboratory personnel, data reviewers, or sampling personnel. Comparability criteria are met for the project if, based on data review, the sample collection and analytical procedures are determined to have been followed, or defined to show that variations did not affect the values reported.

To assure comparability of data generated for the Smithtown Groundwater Contamination Site, CDM utilized standard sample collection procedures and EPA-approved analytical methods. Utilizing such procedures and methods enables the current data to be comparable to the data sets generated with similar methods. Detection limits were low enough to compare the data to applicable screening criteria. Additionally, future data sets generated utilizing the same methods of analysis will be comparable to this data set.

Several sediment and sludge samples had percent solids less than 50. During data validation results from any sample with low percent solids was qualified as being estimated or rejected if

percent solids are extremely low. Comparability is adversely affected by samples with low percent solids.

Sulfide was analyzed out of holding time for one MNA parameter SDG. Methane, ethene, and ethane were analyzed out of holding time for five MNA parameter SDGs. In all instances data were qualified as estimated by data validation. These results are considered to have a possible low bias.

COMPLETENESS

Completeness for sample collection is defined as the percentage of samples listed in the QAPP that were collected during the field program. The goal for sample collection completeness was set at 90 percent. Analytical results from all samples listed in the QAPP were presented. At present, sample collection completion is 100 percent.

Completeness for acceptable data is defined as the percentage of acceptable data out of the total amount of data generated. Acceptable data includes both data which passes all of the QC criteria (unqualified data) and data that may not pass all of the QC criteria but had appropriate corrective actions taken (qualified but usable data).

Unacceptable data are data that were rejected through data validation. Notable reasons for data being rejected by data validation are:

VOC results were rejected based on holding times being exceeded.

VOC and SVOC results were rejected based on calibration response criteria being outside acceptable limits.

VOC, SVOC, and pest/PCB results were rejected based on surrogate recoveries outside acceptable limits.

VOC, SVOC, pest/PCB, and TAL results were rejected based on low percent solids in some sediment samples.

PCB results were rejected based on disparity between initial and confirmation column results.

The completeness goal set for acceptable data is 90 percent. Completeness for acceptable data in the residential, monitoring well, vertical profile well, surface water, sediment, waste water, and sludge sampling is 95 percent, which exceeds the established goal.

CONCLUSION

The sample data reflects as near as reasonably possible actual site conditions. Any data associated with quality control measurements outside established criteria have been qualified or rejected during data validation. All data presented is considered definitive data for purposes of reporting and evaluating site conditions.

Vertical profile well samples from VPW-1 through VPW-11 are screening level data and must not be used for any other purpose than that defined in the QAPP.

SAMPLE ANALYSIS QUALIFIERS

Organic Qualifiers:

- U - Compound was analyzed for but not detected. The associated numerical value is the sample quantitation limit.
- J - Estimated data due to exceeded quality control criteria.
- N - Presumptive evidence of a compound.
- P - The difference for detected concentration of a pesticide/Aroclor target analyte is greater than 25 percent between the two GC columns.
- C - Identification of pesticide results was confirmed by GC/MS.
- B - Analyte is found in the associated blank and in the sample.
- E - Compound concentration exceeds the calibration range of the GC/MS instrument for that specific analysis.
- D - Compound is identified at a secondary dilution factor.
- A - TIC is suspected aldol - condensation product.
- R - Data is rejected due to exceeded quality control criteria.

Inorganic Qualifiers:

- B - Reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).
- U - Analyte was analyzed for but not detected.
- E - The reported value is estimated because of the presence of interference.
- M - Duplicate injection precision not met.
- N - Sample recovery is not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- W - Post-digestion spike for furnace AA analysis is out of control limits (85-115 percent), while sample absorbance is less than 50 percent of spike absorbance.
- R - Data is rejected.
- * - Duplicate analysis not within control limits.
- +

Duplicate Table Notations:

- ND - Not Detected
- NC - Not Calculable, RPD could not be calculated because one result is non-detect.
- RPD - Relative Percent Difference
- ug/L - micrograms per liter

Table 1a
Residential Well Trip Blank Contamination Summary
Smithtown Groundwater Contamination Site

Compound	Maximum Concentration Found (micrograms/liter)	Number of Trip Blanks Contaminated	Contract Required Quantitation Limit
Acetone	32	32	5
Methylene chloride	0.74	3	0.5
Chloroethane	0.5	1	0.5
2-butanone	7	9	5
Chloromethane	0.6	3	0.5
Bromomethane	0.16	1	0.5
Methyl tert-butyl ether	2.1	4	0.5

Table 1b
Groundwater Trip Blank Contamination Summary
Smithtown Groundwater Contamination Site

Compound	Maximum Concentration Found (micrograms/liter)	Number of Trip Blanks Contaminated	Contract Required Quantitation Limit
Methylene chloride	0.3	3	0.5
Chlorobenzene	0.45	7	0.5
Chloromethane	0.19	1	0.5
Acetone	4.6	2	5
2-Butanone	6.2	2	5
Chloroform	1.1	9	0.5
Dichlorodifluoromethane	0.98	1	0.5
Trichlorofluoromethane	0.2	1	0.5
1,1-Dichloroethane	0.26	1	0.5
Cis-1,2-Dichloroethene	0.49	1	0.5
1,1,1-Trichloroethane	0.36	1	0.5
Trichloroethene	0.2	1	0.5
Tetrachloroethene	2.4	1	0.5

Table 1c
Surface Water Trip Blank Contamination Summary
Smithtown Groundwater Contamination Site

Compound	Maximum Concentration Found (micrograms/liter)	Number of Field Blanks Contaminated	Contract Required Quantitation Limit
Acetone	89	5	1
Methylene chloride	0.3	1	1

Table 1d
Waste Water Trip Blank Contamination Summary
Smithtown Groundwater Contamination Site

Compound	Maximum Concentration Found (micrograms/liter)	Number of Field Blanks Contaminated	Contract Required Quantitation Limit
Acetone	4	1	1

Table 1e
Vertical Well Trip Blank Contamination Summary
Smithtown Groundwater Contamination Site

Compound	Maximum Concentration Found (micrograms/liter)	Number of Field Blanks Contaminated	Contract Required Quantitation Limit
Acetone	36	6	1

Table 2a
Groundwater Field Blank Contamination Summary
Smithtown Groundwater Contamination Site

Compound or Analyte	Maximum Concentration Found (micrograms/liter)	Number of Field Blanks Contaminated	Contract Required Quantitation Limit
VOCs			
Methylene chloride	0.16	1	0.5
Chlorobenzene	0.43	5	0.5
Chloromethane	0.69	4	0.5
Acetone	3.9	3	5
Methyl tert-butyl ether	0.68	3	0.5
2-Butanone	4.9	7	5
Chloroform	1.6	4	0.5
Toluene	0.33	4	0.5
1,3-Dichlorobenzene	0.17	1	0.5
SVOCs			
Benzaldehyde	1	2	10
Bis(2-ethylhexyl)phthalate	2	10	10
TAL Metals			
Aluminum	132	10	200
Antimony	9.3	1	60
Barium	2.5	2	200
Cadmium	0.82	3	5
Calcium	243	6	5000
Chromium	17.3	6	10
Cobalt	1	2	50
Copper	43.7	7	25
Iron	98.2	7	100
Magnesium	66.7	8	5000
Manganese	1.2	7	15
Mercury	0.09	1	0.2
Nickel	12.7	4	40
Potassium	130	6	5000
Silver	0.65	1	10
Sodium	325	3	5000
Zinc	22	9	20

Table 2b
Sediment Field Blank Contamination Summary
Smithtown Groundwater Contamination Site

Compound or Analyte	Maximum Concentration Found (micrograms/liter)	Number of Field Blanks Contaminated	Contract Required Quantitation Limit
VOCs			
Acetone	830	11	10
Carbon disulfide	27	1	10
Methylene chloride	7	12	10
trans-1,2-Dichloroethene	1	10	10
Trichloroethene	1	1	10
1,2-Dichlorobenzene	1	1	10
2-Hexanone	2	1	10
1,2-Dibromo-3-chloropropane	2	1	10
SVOCs			
Di-n-butylphthalate	0.8	1	10
Fluoranthene	0.7	1	10
Caprolactam	2	1	10
2,4-Dinitrophenol	0.8	1	10
Butylbenzylphthalate	1	2	10
Diethylphthalate	0.5	1	10
Bis(2-ethylhexyl)phthalate	120	2	10
Pest/PCBs			
Heptachlor	0.021	3	0.05
gamma Chlordane	0.011	1	0.05
TAL Metals			
Aluminum	73	9	200
Arsenic	4.6	2	10
Barium	0.74	2	200
Calcium	147	6	5000
Cadmium	0.79	1	5
Iron	15.2	1	100
Magnesium	29.5	2	5000
Manganese	0.92	7	15
Potassium	156	10	5000
Sodium	2530	8	5000
Thallium	4	2	10
Zinc	21.3	12	20
Cyanide	92.4	13	10

Table 2c
Waste Water Field Blank Contamination Summary
Smithtown Groundwater Contamination Site

Compound or Analyte	Maximum Concentration Found (micrograms/liter)	Number of Field Blanks Contaminated	Contract Required Quantitation Limit
TAL Metals			
Aluminum	154	1	200
Potassium	167	1	5000
Sodium	847	1	5000
Zinc	3.4	1	20

Table 2d
Sludge Field Blank Contamination Summary
Smithtown Groundwater Contamination Site

Compound or Analyte	Maximum Concentration Found (micrograms/liter)	Number of Field Blanks Contaminated	Contract Required Quantitation Limit
VOCs			
Acetone	4	1	1
TAL Metals			
Aluminum	131	4	200
Barium	0.7	1	200
Chromium	0.88	1	10
Copper	0.69	2	25
Magnesium	33.4	1	5000
Manganese	0.27	1	15
Potassium	156	4	5000
Sodium	193	4	5000
Zinc	1.9	2	20



Table 3a
Field Duplicate Results For Residential Groundwater
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
3-RIVER-R1 & 3-RIVER-R1-DUP			
1,1,1-Trichloroethane	0.5 J	0.6 J	18.18
Tetrachloroethene	0.4 J	0.4 J	0.00
7-TEAL-R1 & 7-TEAL-R1-DUP			
1,1-Dichloroethene	0.7 J	0.6 J	15.38
1,1-Dichloroethane	2	2	0.00
1,1,1-Trichloroethane	2	2	0.00
Trichloroethene	1	2	66.67
4-TEAL-R1 & 4-TEAL-R1-DUP			
1,1-Dichloroethene	0.6 J	0.6 J	0.00
1,1-Dichloroethane	2	2	0.00
2-Butanone	8	5	46.15
1,1,1-Trichloroethane	2	2	0.00
Trichloroethene	0.8 J	0.9 J	11.76
50-HARBH-R1 & 50-HARBH-R1-DUP			
1,1-Dichloroethene	0.6 J	0.6 J	0.00
1,1,1-Trichloroethane	5	5	0.00
Tetrachloroethene	0.6 J	0.6 J	0.00
32-HARBL-R2 & 32-HARBL-R2-DUP			
1,1-Dichloroethene	0.6 J	0.6 J	0.00
1,1,1-Trichloroethane	0.9 J	0.9 J	0.00
Tetrachloroethene	3	3	0.00
23-BGBK-R2 & 23-BGBK-R2-DUP			
trans-1,2-Dichloroethene	2	2	0.0
cis-1,2-Dichloroethene	74 D	74 D	0.0
1,1,1-Trichloroethane	0.6 J	0.6 J	0.0
Trichloroethene	12	12	0.0

Table 3a
Field Duplicate Results For Residential Groundwater
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
Tetrachloroethene	63 D	62	1.6
27-HIGH-R2 & 27-HIGH-R2-DUP			
Acetone	R	6 J	NC
1,1,1-Trichloroethane	0.6 J	0.7 J	15
Trichloroethene	0.7 J	0.8 J	13
Tetrachloroethene	1	2	67
9-TIDER-R2 & 9-TIDER-R2-DUP			
1,1-Dichloroethane	0.3 J	0.3 J	0.0
cis-1,2-Dichloroethene	0.4 J	0.4 J	0.0
1,1,1-Trichloroethane	0.4 J	0.3 J	29
Tetrachloroethene	2	1	67
3-TIDEL-R3 & 3-TIDEL-R3-DUP			
Dichlorodifluoromethane	0.99 J	0.9 J	9.52
1,1-Dichloroethane	0.5	0.5 U	NC
1,1,1-Trichloroethane	0.821	0.77	6.29
Tetrachloroethene	3.9	3.9	0.00
1-WETHL-R4 & 1-WETHL-R4-DUP			
Bromomethane	0.5 U	0.42 J	NC
5-FOXR-R4 & 5-FOXR-R4-DUP			
1,1,1-Trichloroethane	0.54	0.72	29
2-Hexanone	5 U	0.42 J	NC
8-HARBR-R4 & 8-HARBR-R4-DUP			
Methyl tert-butyl ether	0.12 J	0.13 J	8.8
1,1,1-Trichloroethane	0.36 J	0.35 J	2.8
Trichloroethene	0.22 J	0.2 J	9.5
Tetrachloroethene	2.7	2.8	3.6

Table 3b
Field Duplicate Results For Groundwater Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
GWM-5S & GWM-5S-Dup			
VOC			
1,1,1-Trichloroethane	0.4 J	0.46 J	13.95
Tetrachloroethene	3.6	4.3	17.72
TAL METALS			
Aluminum	303	268	12.26
Barium	48.8 B	49.4 B	1.22
Calcium	35200	36100	2.52
Chromium	2.8 B	4.4 B	14.63
Copper	4.3 B	4.3 B	0.00
Iron	425	411	3.35
Magnesium	23000	23600	2.58
Manganese	63.1	62.6	0.80
Potassium	1980 BE	2020 BE	2.00
Sodium	15400	16000	3.82
Zinc	4.8 B	5.3 B	9.90
Cyanide	1.4 B	0.8 U	NC

Table 3b
Field Duplicate Results For Groundwater Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
GWM-5S-R2 & GWM-5S-R2-DUP			
VOCs			
Chloromethane	0.29 J	0.36 J	11
Methyl tert-butyl ether	0.5 U	0.28 J	NC
Chloroform	0.62	0.62 J	0.00
1,1,1-Trichloroethane	0.5 U	0.47 J	NC
cis-1,3-Dichloropropene	0.5 U	0.17 J	NC
Tetrachloroethene	0.5 U	0.17 J	NC
TAL METALS			
Aluminum	96.4 J	179 J	60
Barium	41.2 J	42.6 J	3.34
Calcium	30900	31500	1.92
Chromium	135 J	232 J	52.86
Cobalt	1 J	0.73 J	31.21
Copper	7.7 J	10.5 J	30.77
Iron	993	1550	43.8
Magnesium	19300	19400	0.52
Manganese	32.3 J	52.2 J	47.64
Potassium	2960 J	3390 J	13.54
Sodium	408000	606000	39.05
Nickel	41.7	51.2	20.45
Vanadium	0.85 J	1.5 J	55.32
Zinc	9.6 J	11.8 J	20.56
Cyanide	2.1 J	10 U	NC
GWM-G-R2 & GWM-G-R2-Dup			
SVOCS			
bis-2(ethylhexyl)phthalate	10 U	3 J	NC

Table 3b
Field Duplicate Results For Groundwater Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
TAL METALS			
Aluminum	1380 J	1780 J	25
Calcium	6550 J	6830 J	4.2
Chromium	19.1 J	23.7 J	22
Cobalt	1.7 J	2.7 J	46
Copper	3.3 J	4.2 J	24
Iron	1320 J	2290 J	54
Magnesium	3450 J	3650 J	5.6
Manganese	38.3 J	60.2 J	44
Nickel	9.6 J	11.8 J	20
Potassium	1430 J	1590 J	10
Sodium	5230 J	5120 J	2.1
Vanadium	2.6 J	4.4 J	51
Zinc	10.4 J	15.2 J	38
Cyanide	3.6 J	2.6 J	32

Table 3c
Field Duplicate Results For Surface Water
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
SWS-008 & SWS-008-Dup			
VOCs			
1,1-Dichloroethane	0.5 J	1 U	NC
cis-1,2-Dichloroethene	0.8 J	0.4 J	66.67
1,1,1-Trichloroethane	0.4 J	1 U	NC
Trichloroethene	0.4 J	1 U	NC
SVOCS			
Phenanthrene	3 J	10 U	NC
Pyrene	3 J	10 U	NC
Benzo(a)anthracene	2 J	10 U	NC
Chrysene	3 J	10 U	NC
bis-2(Ethylhexyl)phthalate	1 J	10 U	NC
Benzo(b)fluoranthene	2 J	10 U	NC
Benzo(k)fluoranthene	2 J	10 UJ	NC
Benzo(a)pyrene	2 J	10 U	NC
Indeno(1,2,3-cd)pyrene	1 J	10 U	NC
Benzo(g,h,i)perylene	1 J	10 U	NC
TAL METALS			
Aluminum	1340 EJ	174 BEJ	154.03
Arsenic	ND	17.2 J	NC
Barium	27 B	18 B	40.00
Calcium	25400	23600	7.35
Chromium	5.1 b	5.4 b	5.71
Copper	8.3 B	11.2 B	29.74
Iron	1900 NJ	172 NJ	166.80
Lead	22.3 NJ	5.9 NJ	116.31

Table 3c
Field Duplicate Results For Surface Water
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
Magnesium	11100	10200	8.45
Manganese	110 J	5.9 BJ	179.64
Nickel	3.7 B	2.4 B	42.62
Potassium	2820 BE	1940 BE	36.97
Sodium	16400 EJ	25100 EJ	5.05
Vanadium	3.9 B	1.4 U	NC
Zinc	44.8	38.3	15.64

Table 3d
Field Duplicate Results For Sediment Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
STORM DRAIN SEDIMENT			
SDS-005 & SDS-005-DUP			
VOCS			
Acetone	11 U	4 J	NC
Xylenes (total)	2 J	14 U	NC
SVOCS			
Benzaldehyde	120 J	150 J	22.22
4-Methylphenol	100 J	210 J	70.97
Phenanthrene	170 J	320 J	61.22
Carbazole	920 U	47 J	NC
Fluoranthene	230 J	510 J	75.68
Pyrene	200 J	440 J	75.00
Benzo(a)anthracene	89 J	190 J	72.40
Chrysene	150 J	280 J	60.47
Benzo(b)fluoranthene	98 J	230 J	80.49
Benzo(k)fluoranthene	91 J	110 J	18.91
Benzo(a)pyrene	90 J	200 J	75.86
Indeno(1,2,3-cd)pyrene	60 J	120 J	66.67
Benzo(g,h,i)perylene	86 J	130 J	40.74
TAL METALS			
Aluminum	1380 *	1120 *	20.80
Arsenic	2.3 B	1.4 U	48.65
Barium	8 B	7.2 B	10.53
Beryllium	0.09 B	0.07 B	25.00
Calcium	1590	110 B	36.43
Chromium	7.3 J	2.3 B	104.17
Cobalt	1.5 B	1.3 B	14.29

Table 3d
Field Duplicate Results For Sediment Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
Copper	9.9	6.4	42.94
Iron	2630	2270	14.69
Lead	4.9	3.7	27.91
Magnesium	765 B	597 B	24.67
Manganese	50.2	52.1	3.71
Nickel	4.9 B	2.9 B	51.28
Potassium	133 BE	115 BE	14.52
WETLAND SEDIMENT			
SDW-003B & SDW-003-B-DUP			
VOCS			
2-Butanone	160 J	170 J	6.06
PESTICIDES/PCBS			
4,4'-DDE	63 J	100 J	45.40
4,4'-DDD	180 DJ	300	50.00
TAL METALS			
Aluminum	4360 J	3690 J	16.65
Arsenic	4.3 BJ	3.5 BJ	20.51
Barium	12 BJ	8.1 BJ	38.81
Calcium	1580 BJ	1150 BJ	31.50
Chromium	17.3 J	14.3 J	18.99
Cobalt	3.2 BJ	3 BJ	6.45
Copper	39.1 J	29.8 J	27.00
Iron	8240 J	6990 J	16.41
Lead	80.9 J	52.4 J	42.76
Magnesium	3270 BJ	2360 BJ	32.33
Manganese	64.7 J	52.4 J	21.01

Table 3d
Field Duplicate Results For Sediment Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
Nickel	9.3 BJ	8.5 BJ	8.99
Potassium	1560 BJ	1200 BJ	26.09
Silver	0.47 BJ	0.54 BJ	13.86
Sodium	11600 J	7090 J	48.26
Vanadium	20.4 BJ	15.6 BJ	26.67
Zinc	68.4 J	56.6 J	18.88
SDW-011-B & SDW-011-B-DUP			
VOCS			
Methylene Chloride	170 UJ	160 J	NC
Trichloroethene	18 J	20 J	10.53
Toluene	16 J	5 J	104.76
Tetrachloroethene	25 J	26 J	3.92
SVOCS			
Benzaldehyde	250 J	280 J	11.32
Anthracene	220 J	1700 UJ	NC
Fluoranthene	1800 J	990 J	58.06
Pyrene	1400 J	810 J	53.39
Benzo(a)anthracene	380 J	240 J	45.16
Chrysene	390 J	290 J	29.41
Benzo(b)fluoranthene	390 J	350 J	10.81
Benzo(k)fluoranthene	380 J	1700 UJ	NC
Benzo(a)pyrene	240 J	1700 UJ	NC
PESTS/PCBS			
4,4'-DDE	120 J	32 J	115.79
4,4'-DDD	92 J	29 J	104.13

Table 3d
Field Duplicate Results For Sediment Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
TAL METALS			
Aluminum	5530 J	4390 J	22.98
Antimony	4.5 BJ	3.3 UJ	NC
Arsenic	17.8 J	15.2 J	15.76
Barium	12 BJ	9.8 BJ	20.18
Beryllium	0.27 BJ	0.22 BJ	20.41
Calcium	3020 BJ	2760 BJ	9.00
Chromium	30.9 J	23 J	29.31
Cobalt	2.8 BJ	1.7 BJ	48.89
Copper	26.8 BJ	21.3 BJ	22.87
Iron	14200 J	12200 J	15.15
Lead	87.1 J	67.6 J	25.21
Magnesium	3030 BJ	2520 BJ	18.38
Manganese	52.3 J	39.9 J	26.90
Nickel	15.5 BJ	11 BJ	33.96
Potassium	1120 BJ	892 BJ	22.66
Silver	1 BJ	0.88 UJ	NC
Sodium	6000 J	5070 BJ	16.80
Vanadium	31.5 BJ	24.6 BJ	24.60
Zinc	61.7 J	55.7 J	10.22

Table 3d
Field Duplicate Results For Sediment Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
SPRING/SEEP SURFACE SEDIMENT			
SSS-001 & SSS-001-DUP			
VOCs			
Carbon Disulfide	11 J	10 J	9.52
SVOCS			
Phenanthrene	48 J	440 UJ	NC
Fluoranthene	69 J	440 UJ	NC
Pyrene	51 J	440 UJ	NC
TAL METALS			
Aluminum	2710 J	591 J	128.39
Barium	1.8 B	1.4 B	25.00
Calcium	801 B	175 B	128.28
Chromium	2.7	1.7 B	45.45
Cobalt	0.83 B	0.32 B	88.70
Copper	2.3 B	2 B	13.95
Iron	1540	1370	11.68
Lead	3.9	3	26.09
Magnesium	214 B	263 B	20.55
Manganese	25.3	29.6	15.66
Nickel	6.3 B	0.9 B	150.00
Potassium	157 B	166 B	5.57
Sodium	622 BJ	662 BJ	6.23
Vanadium	2 B	2.2 B	9.52
Zinc	7.8	5.3	38.17

Table 3e
Field Duplicate Results For Waste Water Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
WW-11 & WW-11-Dup			
VOCs			
Acetone	130	130	33.33
Carbon Disulfide	2 J	10 U	NC
2-Butanone	3 J	3 J	0
Toluene	120	120	0
Tetrachloroethene	52	52	0
Ethylbenzene	11	11	0
Xylenes (total)	41	40	0.62
SVOCs			
Phenol	20 J	26	6.52
4-Methylphenol	220	230	1.11
Diethylphthalate	5.4	3 J	4.29
Di-n-butylphthalate	2 J	1 J	6.67
bis(2-Ethylhexyl)phthalate	8.4	6.3	7.14
TAL Metals			
Aluminum	194 B*J	204 *J	7.14
Barium	10.1 B	9.9 B	0.5
Cadmium	0.37 B	0.53 B	8.89
Calcium	20800	20500	0.36
Chromium	2.4 B	2.5 B	1.02
Copper	50.8	49.4	0.70
Iron	354 *J	357 *J	0.21
Lead	6	5.7	1.28
Magnesium	4840 B	4680 B	0.84
Manganese	19.6 EJ	19.1 EJ	0.65

Table 3e
Field Duplicate Results For Waste Water Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
Nickel	1.1 U	1.7 B	NC
Potassium	18300 EJ	17700 EJ	0.83
Sodium	42900 EJ	41500 EJ	0.83
Zinc	66	69.3	1.22

Table 3f
Field Duplicate Results For Sludge Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/kg)	Duplicate Result (ug/kg)	RPD
SL-11 & SL-11-Dup			
VOCs			
Acetone	62	360	141.23
Carbon Disulfide	17 J	430	184.79
cis-1,2-Dichloroethene	15 J	30 J	66.67
2-Butanone	16 J	38 J	81.48
Methylcyclohexane	5 J	19 J	116.67
Toluene	110	400	113.73
Tetrachloroethene	41	290	150.45
Ethylbenzene	10 J	37 J	114.89
Xylenes (total)	42	220	135.88
SVOCs			
4-Methylphenol	7000 J	470 J	174.83
Diethylphthalate	7300 U	170 J	NC
Di-n-butylphthalate	7300 U	190 J	NC
TAL Metals			
Aluminum	244 *J	368 *J	40.52
Barium	2.8 B	3.5 B	22.22
Cadmium	0.09 B	0.2 B	75.86
Calcium	181 B*J	339 B*J	60.77
Chromium	1.3 B	1.4 B	7.41
Copper	8.6 EJ	17 EJ	65.63
Iron	584	688	16.35
Lead	2.8 J	32.8 J	168.54
Magnesium	74.8 B*J	129 B*J	53.19

Compound	Sample Result (ug/kg)	Duplicate Result (ug/kg)	RPD
Manganese	3.4 BN*J	5.7 N*J	50.55
Nickel	0.6 B	1.3 B	73.68
Potassium	130 B	146 B	11.59
Sodium	355 B	338 B	4.91
Vanadium	1.1 B	1.2 B	8.70
Zinc	16.9 J	33.2 J	65.07

Table 3g
Field Duplicate Results For Vertical Profile Well Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
GWS-VPW12B & GWS-VPW-12B-Dup			
VOCs			
Toulene	16	15	6.45
Methyl Tert-Butyl Ether	1.2	1.2	0
GWS-VPW17B & GWS-VPW-17B-Dup			
VOCs			
1,1,1-Trichloroethene	0.7	0.7	0
Toluene	6.3	6.3	0
2-Butanone	4.4	4.1	7.06

Table 3h
Field Duplicate Results For Monitored Natural Attenuation Samples
Smithtown Groundwater Contamination Site

Compound	Sample Result (ug/L)	Duplicate Result (ug/L)	RPD
GWM-5S & GWM-5S-Dup			
Total Dissolved Solids	230000	240000	4.3
Alkalinity	13000	120000	160
Nitrate	4800	4780	0.42
Sulfate	25000	24600	0.40
Hardness	170000	160000	6.1
Chloride	36000	36200	0.55
Total Organic Carbon	580	740	24
GWM-5S-R2 & GWM-5S-R2Dup			
Total Dissolved Solids	10000 U	11000	NC
Total Suspended Solids	260000	270000	3.8
Alkalinity	110000	120000	8.7
Nitrate/Nitrite	5000	5100	2.0
Sulfate	26000	19000	31
Hardness	160000	170000	6.1
Chloride	29000	29000	0.0
GWM-G-R2 & GWM-G-R2Dup			
Total Dissolved Solids	70000	220000	103
Total Suspended Solids	69000	77000	11
Alkalinity	24000	26000	8
Nitrate/Nitrite	590	620	5.0
Sulfate	9900	9500	4.1
Biological Oxygen Demand	3000 U	14000	NC
Hardness	30000	30000	0.0
Chloride	6100	6000 U	NC

Appendix I

Data Provided by Regulatory Agencies

EPA Indoor Air Sampling Data

DEFRANCO



Weston Solutions, Inc.
Federal Programs Division
Suite 201
1090 King Georges Post Road
Edison, New Jersey 08837-3703
732-225-6116 • Fax 732-225-7037
www.westonsolutions.com

REMOVAL SUPPORT TEAM
EPA CONTRACT 68-W-00-113
RST-02-F-00978

Keep
with
Data

TRANSMITTAL MEMO

To: Mark Pane, OSC
Removal Action Branch, U.S. EPA Region II

From: Aaron Levy, Organic Data Reviewer *Y930*
RST Region II

Subject: Smithtown Groundwater Site
Data Validation Assessment

Date: April 21, 2003

The purpose of this memo is to transmit the following information:

- Data validation results for the following parameters:
VOA 15 samples
- Matrices and Number of Samples
Air 15 samples
- Sampling dates: March 11-13, 2003

The final data assessment narrative and original analytical data package are attached.

cc: RST SPM: Steven J. Cannon
RST SITE FILE TDD #: 02-03-01-0019
ANALYTICAL TDD #: 02-03-03-0012
PCS# 3304



U.S. ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: April 21, 2003

TO: Mark Pane, OSC
USEPA Region II

FROM: Aaron Levy *930*
RST Data Review Team

SUBJECT: QA/QC Compliance Review Summary

As requested quality control and performance measures for the data packages noted have been examined and compared to EPA standards for compliance. Measures for the following general areas were evaluated as applicable:

Data Completeness	Blanks
Spectra Matching Quality	DFTPP and BFB Tuning
Surrogate Spikes	Chromatography
Matrix Spikes/Duplicates	Holding Times
Calibration	Compound ID (HSL, TIC)

Any statistical measures used to support the following conclusions are attached so that the review may be reviewed by others.

Summary of Results

I
VOA

Acceptable as Submitted	<u> </u>
Acceptable with Comments	<u> X </u>
Unacceptable, Action Pending	<u> </u>
Unacceptable	<u> </u>

Data Reviewed by: Aaron Levy Date: 4/22/03

Approved By: *[Signature]* Date: 4/22/03

Area Code/Phone No.: (732) 225-6116

NARRATIVE

CASE No. 3304

SITE NAME: Smithtown Groundwater Site

Smithtown, Suffolk County, NY.

Laboratory Name: STL Burlington, 208 South Park Drive, Suite J, Colchester, Vermont

INTRODUCTION:

The Laboratory's portion of this case consisted of 15 samples collected on March 11-13, 2003. The laboratory reported no problems with the analyses of the volatile - organic parameters. The laboratory reported No problem(s) with the receipt of these samples.

The evaluator has commented on the criteria specified under each fraction heading. All criteria have been assessed, but no discussion is given where the evaluator has determined that criteria were adequately performed or require no comment. Details relevant to these comments are given on the forms followed.

Appropriate Form I's and Chain of Custody have been copied from the original data package and appended to the data assessment narrative for reference.

Evaluation by Fraction

I. Volatile (VOAs)

Y Holding Time

Y GC/MS Tuning

Y Calibration, Initial

Y Calibration, Continuing

Y Blank

Y Laboratory Control Sample

NA Laboratory Fortified Blank

NA MS/MSD

Y Compound ID (HSL, TIC)

Y Spectra Quality

Y Standards

Y Chromatography

Y Data Completeness

NA Laboratory Storage Blank

Comments:

1. Refer to Data Assessment Narrative.

REGION II START DATA ASSESSMENT REPORT

RFP Project #: 3304

Case #: NA

SDG #: 92467

LAB: STL Burlington Laboratories

LAB Code: STL Burlington

SITE: Smithtown Groundwater Site

Analysis: TO-15 - VOA

Contractor: RST
CERCLIS ID #:

Reviewer: Aaron Levy

Matrix:
Soil/Sediment: 0
Air (SUMMA) : 15

The current Functional Guidelines for evaluating organic data have been applied.

All data are valid and acceptable except those analytes which have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material), "U" (non-detects), "R" (unusable), or "JN" (presumptive evidence for the presence of the material at an estimated value). All action is detailed on the attached sheets.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Analytical data qualified as "JN" or "R" may not be used to demonstrate compliance with Toxicity Characteristic or Land Ban Regulations.

Reviewer's
Signature:

Aaron Levy

Date: 7/22/2003

Verified By:

Date: / /20

On March 11-13, 2003, USEPA Region II RST personnel collected 15 air samples for TO-15 volatiles (VOA) analysis from the Smithtown Groundwater Site, Smithtown, Suffolk County, New York. Within twenty-four hours of collection, samples were shipped via overnight Federal Express courier to STL Burlington (STLVT), 208 South Park Drive, Suite 1, Colchester, Vermont. The laboratory verified that samples were received intact, and properly custody sealed.

Review of the TO-15 volatile organic analysis was performed following the USEPA Region II Validation SOP for the Volatile Organic Analysis of Ambient Air in Canister (Revision 0, April 1994).

Client identification (ID) and laboratory ID numbers:

<u>Client ID No.</u>	<u>Laboratory ID No.</u>	<u>Matrix</u>	<u>Analysis</u>
SGW-OPOST005	519234	Air	TO-15 VOA
SGW-WATER004	519235	Air	TO-15 VOA
SGW-WATER007	519236	Air	TO-15 VOA
SGW-OMILL320	519237	Air	TO-15 VOA
SGW-BRAN037	519238	Air	TO-15 VOA
SGW-HARB022	519239	Air	TO-15 VOA
SGW-SWAN006	519240	Air	TO-15 VOA
SGW-TB31103	519241	Air	TO-15 VOA
SGW-BAY10**	519242	Air	TO-15 VOA
SGW-OMILL329	519243	Air	TO-15 VOA
SGW-SWAN005	519244	Air	TO-15 VOA
SGW-TIDE003	519245	Air	TO-15 VOA
SGW-HIGH033	519246	Air	TO-15 VOA
SGW-BAY020*	519247	Air	TO-15 VOA

A.2.2 Data Assessment (continued):

SGW-WATER008	519248	Air	TO-15 VOA

- * SGW-BAY020 is the Field Duplicate of SGW-HIGH033
- ** SGW-BAY10 is the Field Duplicate of SGW-OMILL320

The results presented in this data package are acceptable with the exception noted in the following data assessment narrative.

A.2.2 Data Assessment (continued):

1. HOLDING TIMES:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

The following analytes in the samples shown were qualified because of holding time:

Volatile - The following data were qualified as estimated "J" or rejected "R" due to exceeding holding time criteria:

<u>Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qualifier</u>	<u># Compounds</u>

Data met QC criteria

2. BLANK CONTAMINATION:

Quality Assurance (QA) blanks [i.e., method, trip, field or rinse blanks] are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. If the concentration of the analyte is less than 5 times the blank contaminant level (10 times for common contaminants), the analytes are qualified as non-detects, "U". The following analytes in the samples shown were qualified with "U" for these reasons:

A) Method Blank Contamination

Volatile - The following compounds were qualified as non-detected "U" in the associated samples due to method blank contamination:

<u>Compound</u>	<u>Associated Samples</u>

Data met QC criteria

B) Trip Blank Contamination

VOA - The following compounds were qualified as non-detected "U" in the associated samples due to trip blank contamination:

A.2.2 Data Assessment (continued):

Compound

Associated Samples

Data met QC criteria

C) TIC Blank Contamination

VOA - The following TIC contaminants were rejected "R" in the indicated samples because these compounds are target TCL compounds also present in the associated volatile or semivolatile fraction analyses:

Fraction

TIC

Associated Samples

Data met QC criteria

VOA - The following TIC contaminants were rejected "R" in the indicated samples because they were also found in the associated method blank:

Fraction

TIC

Associated Samples

Data met QC criteria

VOA - All TICs qualified by the laboratory with a "B" (indicative of method blank contamination) or an "A" (indicative of a common aldol laboratory contaminant) or suspected artifact of common laboratory contaminants were rejected "R".

Fraction

TIC

Associated Samples

Data met QC criteria

3. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds, and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is bromofluorobenzene (BFB) and for semi-volatiles is decafluorotriphenyl-phosphine (DFTPP).

A.2.2 Data Assessment (continued):

If the mass calibration is in error or missing, all associated data will be classified as unusable "R". The following samples shown were qualified with "R" because of tuning:

Data met QC criteria

4. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument is giving satisfactory daily performance.

A) Response Factor:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the VOA/BNA Target Compound List (TCL) must be ≥ 0.05 in both the initial and continuing calibrations. A value ≤ 0.05 indicates a serious detection and quantitation problem (poor sensitivity). If the mean RRF of the initial calibration or the continuing calibration has a response factor < 0.05 for any analyte, those analytes detected in environmental samples will be qualified as estimated "J". All non-detects for those compounds will be rejected "R". The following analytes in the samples shown were qualified because of response factor:

Initial Calibration

VOA - The following compounds were either qualified as estimated "J" (positive values only) or rejected "R" (non-detected "U" values only) in the associated samples because the Initial Calibration Mean RRF value is < 0.05 :

<u>Compound</u>	<u>Qualifier</u>	<u>Associated Sample(s)</u>
Hexachlorobutadiene	R	All Samples
1,2,4-Trichlorobenzene	R	All Samples

Continuing Calibration

VOA - The following compounds were either qualified as estimated "J" (positive values only) or rejected "R" (non-detected "U" values only) in the associated samples because the Continuing Calibration RRF_{50} is < 0.05 :

<u>Compound</u>	<u>Qualifier</u>	<u>Associated Sample(s)</u>
Hexachlorobutadiene*	R	All Samples
1,2,4-Trichlorobenzene*	R	All Samples

A.2.2 Data Assessment (continued):

* Already Flagged due to Initial Calibration Criteria

5. CALIBRATION:

B) PERCENT RELATIVE STANDARD DEVIATION (%RSD) AND PERCENT DIFFERENCE (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 30% and %D must be < 25%. A value outside of these QC limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J"; and non-detects are flagged "UJ". If %RSD and/or %D grossly exceed QC criteria, non-detect data may be qualified "R".

For the PESTICIDE/PCB fraction, if %RSD exceeds 20% for all analytes except for the 2 surrogates (which must not exceed 30% RSD), qualify all associated positive results "J" and non-detects "UJ".

The following analytes in the samples shown were qualified for %RSD and %D:

Initial Calibration

VOA - Positive values of the following compounds were qualified as estimated "J" in the associated samples because the Initial Calibration %RSD is between 30-90% when the mean RRF is > 0.05:

<u>Compound</u>	<u>Associated Sample(s)</u>
Data met QC criteria	

Continuing Calibration

VOA - The following compounds were qualified as estimated "J" because the Continuing Calibration %D is between 25-90% or non detects as "R" when the %D > 90%, if the RRF₅₀ is > 0.05:

<u>Compound</u>	<u>Qualifier</u>	<u>Associated Sample(s)</u>
Trans-1,3-Dichloropropene	J, UJ	All Samples

A.2.2 Data Assessment (continued):

6. SURROGATES/SYSTEM MONITORING COMPOUNDS (SMC):

All samples are spiked with surrogate/SMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate/SMC concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below. The following analytes for the samples shown were qualified because of surrogate/SMC recovery:

VOA - The following compounds were either qualified as estimated "J" or rejected "R" due to surrogate recovery outside specified QC limits:

<u>Surrogate</u>	<u>Recovery</u>	<u>Qualifier</u>	<u>Compounds</u>	<u>Sample(s)</u>

Not Used - Lab used LCS/LCD

7. INTERNAL STANDARDS PERFORMANCE:

Internal standard (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to 100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than ± 30 seconds from the associated continuing calibration standard. If the area count is outside the -50% to 100% range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated "J", and all non-detects as "UJ" only if the IS area is <50%. Non-detects are qualified as "R" if there is a severe loss of sensitivity (<25% of associated IS area counts).

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgement to determine either partial or total rejection of the data for that sample fraction. The following analytes in the samples shown were qualified because of internal standard performance:

VOA - The following compounds were either qualified as estimated "J" or rejected "R" in the associated samples due to exceeding Internal Standard (IS) QC criteria (within -50% to + 100% of the Continuing Calibration 12-hour standard):

A.2.2 Data Assessment (continued):

<u>Internal Standard</u>	<u>Percent IS Area Count</u> <u>of the 12-Hour Standard</u>	<u>Qualifier</u>	<u>Total Analytes</u> <u>Qualified/Sample</u>	<u>Associated</u> <u>Sample(s)</u>

Data met QC criteria

8. COMPOUND IDENTIFICATION:

A) VOLATILE AND SEMI-VOLATILE FRACTIONS:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound, and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the Tentatively Identified Compounds (TICs) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. The following analytes in the samples shown were qualified for compound identification:

The following compounds were qualified as estimated "J" in the indicated samples because they could not be chromatographically resolved:

<u>Fraction</u>	<u>Compounds</u>	<u>Samples</u>

VOA: No Problems were found

9. LABORATORY CONTROL/LABORATORY CONTROL DUPLICATE, LC/LCD:

The LC/LCD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The LC/LCD may be used for some additional qualification of the data. The following analytes, for the samples shown, were qualified because of LC/LCS:

VOA - The following sample data were either qualified as estimated "J" or rejected "R" due to exceeding duplicate spike recovery QC criteria:

A.2.2 Data Assessment (continued):

<u>Sample #</u>	<u>Qualifier</u>	<u>Compound(s)</u>

Data met QC criteria

10. OTHER QC DATA OUT OF SPECIFICATION:

VOA - The following compounds were qualified as estimated "J" in the associated aqueous and/or soil/sediment field duplicate samples because the Relative Percent Difference (RPD) between the sample and field duplicate sample is > 50% for aqueous samples, or > 100% for soil/sediment samples:

<u>Compound</u>	<u>Matrix</u>	<u>% RPD</u>	<u>Associated Field Duplicate Samples</u>

Not Applicable (NA)

VOA: The following soil/sediment/solid sample data (other than TCLP data) were either qualified as estimated "J" (% solids between 10-50%) or rejected "R" (% solids < 10%) because the sample contains more than 50% water:

<u>Fraction</u>	<u>Percent Solids</u>	<u>Qualifier</u>	<u># Compounds</u>	<u>Sample(s)</u>

NA

11. OTHER QC DATA OUT OF SPECIFICATION:

The following compounds were qualified as estimated "J" in the indicated samples because the on-column amount of these compounds exceeded the instrument's analytical range as defined by the highest concentration level of the Initial Calibration Sequence:

<u>Fraction</u>	<u>Compound(s)</u>	<u>Sample(s)</u>
Volatiles	Toluene 1,2,4-Trimethylbenzene	SGW-0POST005, SGW-BAY20 SGW-BAY10

A.2.2 Data Assessment (continued):

12. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT:

Due to professional judgement, the following compounds were not transferred from the indicated dilution sample analyses to the undiluted sample analyses because the reported values of these compounds are qualified as non-detected "U" due to blank contamination QC criteria:

<u>Fraction</u>	<u>Compound</u>	<u>Dilution Sample(s)</u>	<u>Dilution Factor</u>
No qualification was required			

Due to professional judgement, the following positive data were rejected "R" due to possible carryover from a previous sample analysis that contained the compound(s) at high concentration(s):

<u>Fraction</u>	<u>Sample Compound</u>	<u>Sample Compound Concentration</u>	<u>Previous Sample Compound Concentration</u>
No qualification was required			

13. CONTRACT PROBLEMS _____NON-COMPLIANCE:

No qualification was required

14. This package contain re-extraction, re-analysis or dilution results. Upon reviewing the QA results, the following Form I(s) are identified to be used:

<u>Fraction:</u>	<u>Use Sample(s)</u>	<u>Do Not Use Sample(s)</u>
VOA	SGW-OPOST005 SGW-BAY020 SGW-BAY10	SGW-OPOST005DL SGW-BAY020DL SGW-BAY10DL

OTHER ANALYTES WORK TABLE

PROJECT: Smithtown Groundwater Site

SAMPLING DATES: March 11-13, 2003

SAMPLING DATES: March 11-13, 2003		INUSE		AFFA-Duplicate		KOKE Duplicate		AFFA		KOKE	
Variables		Mainx:	Air	Air	Air	Air	Air	Air	Air	Air	Air
Low Concentration		Client ID#:	SGW-OPOST005	SGW-BAY020*	SGW-BAY10**	SGW-HIGH033	SGW-OMILL320	SGW-HIGH033	SGW-OMILL320	SGW-HIGH033	SGW-OMILL320
		Lab ID#:	519234	519247	519242	519246	519237	519246	519237	519246	519237
Dilution Factor	CRDL		1	1	1	1	1				
Dichlorodifluoromethane	4.90		U	U	U	U	U				
Chloromethane	2.10		1.4	1.2	U	U	U				
Vinyl Chloride	2.60		U	U	U	U	U				
Bromomethane	3.90		U	U	U	U	U				
Chloroethane	2.60		U	U	U	U	U				
Trichlorofluoromethane	2.80		3.1	U	U	U	U				
Freon TF	3.80		U	U	U	U	U				
1,1-Dichloroethene	4.00		U	U	U	U	U				
Methylene Chloride	3.50		3.2	37	U	2.5	U				
1,1-Dichloroethane	4.00		U	U	U	U	U				
cis-1,2-Dichloroethene	4.00		U	U	U	U	U				
Chloroform	4.90		U	U	U	U	U				
1,1,1-Trichloroethane	5.50		U	U	U	U	U				
Carbon Tetrachloride	6.30		U	U	U	U	U				
Benzene	3.20		2.3	4.3	U	U	U				
1,2-Dichloroethane	4.00		U	U	U	U	U				
Trichloroethene	5.40		U	U	U	U	U				
1,2-Dichloropropane	4.60		U	U	U	U	U				
cis-1,3-Dichloropropene	4.50		U	U	U	U	U				
Toluene	3.80		*370	D	*480	D	3.0	51		5.9	
trans-1,3-Dichloropropene	4.50		U	J	U	J	U	J		U	J
1,1,2-Trichloroethane	5.50		U	U	U	U	U	U		U	
Tetrachloroethene	6.80		U	4.6	U	U	U	U		U	
Chlorobenzene	4.60		U	U	U	U	U	U		U	
Ethylbenzene	4.30		5.6	20	U	U	U	U		U	
Xylene (para & meta)	8.70		8.4	24	U	3.4	U	U		U	
Styrene	4.30		U	8.2	2.8	U	U	U		2.5	
Xylene (Ortho)	4.30		3.2	9.4	5.4	U	U	U		4.7	
1,2,2-Tetrachloroethane	6.90		U	U	U	U	U	U		U	
3-Dichlorobenzene	6.00		U	U	U	U	U	U		U	
4-Dichlorobenzene	6.00		U	U	U	U	U	U		U	
2-Dichlorobenzene	6.00		U	U	U	U	U	U		U	
2,4-Trichlorobenzene	7.40		R	R	R	R	R	R		R	
hexachlorobutadiene	11.00		R	R	R	R	R	R		R	
3,5-Trimethylbenzene	4.90		U	3.8	46	U	U	U		37	
2,4-Trimethylbenzene	4.90		4.3	12	*160	D	U	U		160	
2-Dichlorotetrafluoroethane	3.50		U	U	U	U	U	U		U	
2-Dibromoethane	7.70		U	U	U	U	U	U		U	
3-Butadiene	1.20		U	U	U	U	U	U		U	
Carbon Disulfide	3.10		U	U	U	U	U	U		U	
cyclohexane	1.70		13	23	U	3.2	U	U		U	
bromochloromethane	8.40		U	U	U	U	U	U		U	
monochloromethane	10.00		U	U	U	U	U	U		U	
monodichloromethane	6.60		U	U	U	U	U	U		U	
			*10 X DF	*10 X DF	*2 X DF						

GW-BAY020 is the field duplicate of SGW-HIGH033

SGW-BAY10 is the field duplicate of SGW-OMILL320

non-detected compound

compound detected in the associated Method or Trip Blank

*estimated value

OTHER ANALYTES WORK TABLE

PROJECT: Smithtown Groundwater Site

SAMPLING DATES: March 11-13, 2003

		<i>INUSE</i>	<i>AFPA-DUP</i>	<i>KOKE DUP</i>	<i>AFPA</i>	<i>KOK</i>
		Sample #/Concentration [ug/m3]				
Volatiles	Matrix:	Air	Air	Air	Air	Air
Low Concentration	Client ID#:	SGWOPOST005	SGW-BAY020*	SGW-BAY10**	SGW-HIGH033	SGW-OMILL320
	Lab ID#:	519234	519247	519242	519246	519237
Dilution Factor	MDL	1	1	1	1	1
trans-1,2-Dichloroethene	4.00	U	U	U	U	U
4-Ethyl toluene	4.90	2.6	6.6	77	U	64
3-Chloropropene	1.60	U	U	U	U	U
2,2,4-Trimethylpentane	2.70	U	2.9	U	U	U
Bromoethene	2.20	U	U	U	U	U
2-Chlorotoluene	2.60	U	U	U	U	U
n-Hexane	1.80	6.4	20	U	3.0	U
n-Heptane	2.10	14	19	U	U	U

* SGW-BAY020 is the field duplicate of SGW-HIGH033

** SGW-BAY10 is the field duplicate of SGW-OMILL320

U - non-detected compound

B - compound detected in the associated Method or Trip Blank

J - estimated value

OTHER ANALYTES WORK TABLE

PROJECT: Smithtown Groundwater Site

SAMPLING DATES: March 11-13, 2003

		<i>KLEIN</i>		<i>POLLINA</i>		<i>McKenna</i>		<i>Beighly</i>		<i>Richman</i>	
		Sample #/Concentration [ug/m3]									
Volatiles	Matrix:	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air
Low Concentration	Client ID#:	SGW-BRAN037	SGW-HARB022	SGW-OMILL329	SGW-SWAN005	SGW-SWAN006	SGW-SWAN005	SGW-SWAN006	SGW-SWAN005	SGW-SWAN006	SGW-SWAN006
	Lab ID#:	519238	519239	519243	519244	519240	519244	519240	519244	519240	519240
Dilution Factor	CRDL	1	1	1	1	1	1	1	1	1	1
Dichlorodifluoromethane	4.90	U	U	U	U	4.0	U	U	U	U	U
Chloromethane	2.10	U	U	U	1.1	U	U	U	U	U	U
Vinyl Chloride	2.60	U	U	U	U	U	U	U	U	U	U
Bromomethane	3.90	U	U	U	U	U	U	U	U	U	U
Chloroethane	2.60	U	U	U	U	U	U	U	U	U	U
Trichlorofluoromethane	2.80	U	U	U	U	U	U	U	U	U	U
Freon TF	3.80	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethene	4.00	U	U	U	U	U	U	U	U	U	U
Methylene Chloride	3.50	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethane	4.00	U	U	U	U	U	U	U	U	U	U
cis-1,2-Dichloroethene	4.00	U	U	U	U	U	U	U	U	U	U
Chloroform	4.90	U	U	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	5.50	U	U	U	U	U	U	U	U	U	U
Carbon Tetrachloride	6.30	U	U	U	U	U	U	U	U	U	U
Benzene	3.20	U	2.4	U	U	U	U	U	U	U	U
1,2-Dichloroethane	4.00	U	U	U	U	U	U	U	U	U	U
Trichloroethene	5.40	U	U	U	U	U	U	U	U	U	U
1,2-Dichloropropane	4.60	U	U	U	U	U	U	U	U	U	U
cis-1,3-Dichloropropene	4.50	U	U	U	U	U	U	U	U	U	U
Toluene	3.80	5.2	9.0	9.9	4.0	2.3	U	U	U	U	U
trans-1,3-Dichloropropene	4.50	U	U	U	U	U	U	U	U	U	U
1,1,2-Trichloroethane	5.50	U	U	U	U	U	U	U	U	U	U
Tetrachloroethene	6.80	U	U	U	U	U	U	U	U	U	U
Chlorobenzene	4.60	U	U	U	U	U	U	U	U	U	U
Thyl...ene	4.30	U	U	U	U	U	U	U	U	U	U
ylene (para & meta)	8.70	U	5.3	U	U	U	U	U	U	U	U
lyrene	4.30	U	U	U	U	U	U	U	U	U	U
ylene (Ortho)	4.30	U	U	U	U	U	U	U	U	U	U
1,2,2-Tetrachloroethane	6.90	U	U	U	U	U	U	U	U	U	U
3-Dichlorobenzene	6.00	U	U	U	U	U	U	U	U	U	U
4-Dichlorobenzene	6.00	U	U	U	U	U	U	U	U	U	U
2-Dichlorobenzene	6.00	U	U	U	U	U	U	U	U	U	U
2,4-Trichlorobenzene	7.40	R	R	R	R	R	R	R	R	R	R
hexachlorobutadiene	11.00	R	R	R	R	R	R	R	R	R	R
3,5-Trimethylbenzene	4.90	U	U	U	U	U	U	U	U	U	U
2,4-Trimethylbenzene	4.90	U	2.8	U	U	U	U	U	U	U	U
1-Dichlorotetrafluoroethane	3.50	U	U	U	U	U	U	U	U	U	U
1-Dibromoethane	7.70	U	U	U	U	U	U	U	U	U	U
1-Butadiene	1.20	U	U	U	U	U	U	U	U	U	U
1,2-Dithiolane	3.10	U	U	U	U	U	U	U	U	U	U
1,2-Dichloroethane	1.70	U	U	U	U	U	U	U	U	U	U
1,2-Dichloroethane	8.40	U	U	U	U	U	U	U	U	U	U
1,2-Dichloroethane	10.00	U	U	U	U	U	U	U	U	U	U
1,2-Dichloroethane	6.60	U	U	U	U	U	U	U	U	U	U

non-detected compound

compound detected in the associated Method or Trip Blank

estimated value

OTHER ANALYTES WORK TABLE

PROJECT: Smithtown Groundwater Site

SAMPLING DATES: March 11-13, 2003

		<i>Klein</i>	<i>Pollina</i>	<i>McKenno</i>	<i>Beigly</i>	<i>Ridm.</i>
	Matrix:	Air	Air	Air	Air	Air
	Client ID#:	SGW-BRAN037	SGW-HARB022	SGW-OMILL329	SGW-SWAN005	SGW-SWAN006
	Lab ID#:	519238	519239	519243	519244	519240
Volatiles						
Low Concentration						
Dilution Factor	MDL	1	1	1	1	1
trans-1,2-Dichloroethene	4.00	U	U	U	U	U
4-Ethyl toluene	4.90	U	U	U	U	U
3-Chloropropene	1.60	U	U	U	U	U
2,2,4-Trimethylpentane	2.70	U	U	U	U	U
Bromoethene	2.20	U	U	U	U	U
2-Chlorotoluene	2.60	U	U	U	U	U
n-Hexane	1.80	2.1	2.5	U	U	2.8
n-Heptane	2.10	U	U	U	U	U

U - non-detected compound

B - compound detected in the associated Method or Trip Blank

J - estimated value

OTHER ANALYTES WORK TABLE

PROJECT: Smithtown Groundwater Site

SAMPLING DATES: March 11-13, 2003

Trip Blank *Lagrangeville* *Heller* *Chano* *Cvery*

Sample #/Concentration [ug/m3]

Volatiles Low Concentration	Matrix: Client ID#: Lab ID#:	Air SGW-TB31103 519241	Air SGW-WATER004 519235	Air SGW-TIDE003 519245	Air SGW-WATER007 519236	Air SGW-WATER008 519248
Dilution Factor	CRDL	1	1	1	1	1
Dichlorodifluoromethane	4.90	U	U	5.1	2.6	U
Chloromethane	2.10	U	U	U	1.3	U
Vinyl Chloride	2.60	U	U	U	U	U
Bromomethane	3.90	U	U	U	U	U
Chloroethane	2.60	U	U	U	U	U
Trichlorofluoromethane	2.80	U	U	3.1	U	U
Freon TF	3.80	U	U	U	U	U
1,1-Dichloroethene	4.00	U	U	U	U	U
Methylene Chloride	3.50	U	U	U	U	U
1,1-Dichloroethane	4.00	U	U	U	U	U
cis-1,2-Dichloroethene	4.00	U	U	U	U	U
Chloroform	4.90	U	U	3.0	U	U
1,1,1-Trichloroethane	5.50	U	U	U	U	U
Carbon Tetrachloride	6.30	U	U	U	U	U
Benzene	3.20	U	U	U	U	U
1,2-Dichloroethane	4.00	U	U	U	U	U
Trichloroethene	5.40	U	U	U	U	U
1,2-Dichloropropane	4.60	U	U	U	U	U
cis-1,3-Dichloropropene	4.50	U	U	U	U	U
Toluene	3.80	U	4.3	5.9	3.7	2.1
trans-1,3-Dichloropropene	4.50	U	U	U	U	U
1,1,2-Trichloroethane	5.50	U	U	U	U	U
Tetrachloroethene	6.80	U	U	U	U	U
Chlorobenzene	4.60	U	U	U	U	U
Thylbenzene	4.30	U	U	U	U	5.7
ylene (para & meta)	8.70	U	U	2.2	U	15.0
ylene	4.30	U	U	U	U	U
ylene (Ortho)	4.30	U	U	U	U	4.0
1,2,2-Tetrachloroethane	6.90	U	U	U	U	U
3-Dichlorobenzene	6.00	U	U	U	U	U
1-Dichlorobenzene	6.00	U	U	6.7	U	U
2-Dichlorobenzene	6.00	U	U	U	U	U
2,4-Trichlorobenzene	7.40	R	R	R	R	R
1,2-Dichlorobutadiene	11.00	R	R	R	R	R
1,5-Trimethylbenzene	4.90	U	U	U	U	U
1,4-Trimethylbenzene	4.90	U	U	U	U	U
1,1-Dichlorotetrafluoroethane	3.50	U	U	U	U	U
Dibromoethane	7.70	U	U	U	U	U
1,2-Butadiene	1.20	U	U	U	U	U
1,2-Dithiolane	3.10	U	U	U	U	U
1,2-Hexane	1.70	U	U	U	U	U
1,1-Dichloromethane	8.40	U	U	U	U	U
1,1-Dichloroethane	10.00	U	U	U	U	U
1,1-Dichloromethane	6.60	U	U	U	U	U

on-detected compound

compound detected in the associated Method or Trip Blank

estimated value

OTHER ANALYTES WORK TABLE

PROJECT: Smithtown Groundwater Site

SAMPLING DATES: March 11-13, 2003

Volatiles Low Concentration	Matrix:	Sample #/Concentration [ug/m3]				
	Client ID#: Lab ID#:	<i>trip</i> Air SGW-TB31103 S19241	<i>log reverin</i> Air SGW-WATER004 S19235	<i>Heller</i> Air SGW-TIDE003 S19245	<i>Chang</i> Air SGW-WATER007 S19236	<i>Cheer</i> Air SGW-WATER008 S19248
Dilution Factor	MDL	1	1	1	1	1
trans-1,2-Dichloroethene	4.00	U	U	U	U	U
4-Ethyl toluene	4.90	U	U	U	U	U
3-Chloropropene	1.60	U	U	U	U	U
2,2,4-Trimethylpentane	2.70	U	U	U	U	U
Bromoethene	2.20	U	U	U	U	U
2-Chlorotoluene	2.60	U	U	U	U	U
n-Hexane	1.80	U	1.8	U	U	U
n-Heptane	2.10	U	U	U	U	U

U - non-detected compound

B - compound detected in the associated Method or Trip Blank

J - estimated value



STL

March 28, 2003

Ms. Smita Sumbaly
Weston Solutions, Inc.
1090 King Georges Post Road
Suite 201
Edison, NJ 08837-3703

Re: Laboratory Project No. 23000
Case RFP3304; SDG: 92467

Dear Ms. Sumbaly:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on March 14, 2003. Laboratory numbers have been assigned and designated as follows:

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>Sample Matrix</u>
Received: 03/14/03 ETR No: 92467			
519234	SGW-OPOST005	03/12/03	Air
519235	SGW-WATER004	03/12/03	Air
519236	SGW-WATER007	03/12/03	Air
519237	SGW-OMILL320	03/12/03	Air
519238	SGW-BRAN037	03/12/03	Air
519239	SGW-HARB022	03/12/03	Air
519240	SGW-SWAN006	03/12/03	Air
519241	SGW-TB31103	03/11/03	Air
519242	SGW-BAY10	03/12/03	Air
519243	SGW-OMILL329	03/12/03	Air
519244	SGW-SWAN005	03/12/03	Air
519245	SGW-TIDE003	03/12/03	Air
519246	SGW-HIGH033	03/12/03	Air
519247	SGW-BAY020	03/12/03	Air
519248	SGW-WATER008	03/13/03	Air

Documentation that identifies the condition of the samples at the time of sample receipt and the issues arising at the time of sample log-in is included in the Sample Handling section of this submittal.

The original volatile organics analyses of samples SGW-OPOST005, SGW-BAY10, and SGW-BAY020 yielded concentrations of target compounds that exceeded the calibrated range of the instrument. These samples were diluted and re-analyzed within the analytical holding time yielding acceptable results. The results from both analyses for each sample have been formally presented in this case submittal.

Severn Trent Laboratories, Inc.
STL Burlington • 208 South Park Drive, Suite 1, Colchester, VT 05446
Tel 802 655 1203 Fax 802 655 1248 • www.stl-inc.com

The volatile organics analyses of the blank spike samples associated with this delivery group yielded percent recoveries of the target compounds 1,2,4-Trichlorobenzene and Hexachlorobutadiene that were marginally below control criteria. The remaining compounds exhibited acceptable recoveries in the blank spike analyses.

The analysis of the initial calibration curve associated with this delivery group yielded Percent Relative Standard Deviation (%RSD) for 1,2,4-Trichlorobenzene that exceeded control criteria. Additionally, the analysis of the continuing calibration check standard yielded increased response for trans-1,3-Dichloropropene, resulting in a percent difference above control criteria. This compound was not detected in any of the field samples above the reporting limit.

If there are any questions regarding this submittal, please contact Don Dawicki at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 0299.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael F. Wheeler", followed by a horizontal line.

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure



The following Qualifiers may be used when reporting any Organic parameters analyzed by Gas Chromatography/mass Spectrometry (GCMS). Any additional qualifiers used in the reports will be described in the case narrative. These flags are based on the EPA Contract Laboratory Program statement of work.

GC/MS Qualifiers

- A- The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.
- B- The reported analyte was detected in the associated method blank as well as the sample.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.
- E- Compound quantitation is above the instrument's calibration range for this analysis.
- J - Indicates an estimated value. This flag is used when the result is less than the reporting limit, but $> \frac{1}{2}$ reporting limit.
- U- Indicates compound was analyzed for but not detected above the reporting limit.
- N- Indicates presumptive evidence of a compound. Used for TICs where the identification is based on a mass spectral library search.
- X,Y,Z - Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

STL-Burlington
Air Canister Certification Checklist

Batch ID: AT03050301

Batch Canister: 6114

Analyst: AND

☒ Runlog Pages

☐ BFB Report

☐ CCV Report

☒ Blank Report

☐ Clean Can Report

☐ Dirty Can Report

Certified Canisters:

1. 6016

2. 6151

3. 6153

4. 6070

5. 6172

6. 6119

7. 6114

8. 6131

Comments:

STL-Burlington
Air Canister Certification Checklist

Batch ID: ATC0040302

Batch Canister: 6087

Analyst: WHD

☒ Runlog Pages

☐ BFB Report

☐ CCV Report

☒ Blank Report

☐ Clean Can Report

☐ Dirty Can Report

Certified Canisters:

1. 6229

2. ~~6087~~ 6315

3. 6230

4. 6087

5. 1076

6. 6095

7. 6063

8. 6096

Comments:

STL-Burlington
Air Canister Certification Checklist

Batch ID: A1030303-1
Batch Canister: 6324
Analyst: MLD

☒ Runlog Pages

☐ BFB Report

☐ CCV Report

☒ Blank Report

☐ Clean Can Report

☐ Dirty Can Report

Certified Canisters:

1. 6209

2. 6223

3. 6213

4. 6261

5. 6263

6. 6324

7. 6243

8. 6328

Comments:

USE THIS SAMPLE
FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

GWOP05T005

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519234

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519234

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.4	
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	3.1	
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	3.2	
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	2.3	
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	2.3	U
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	5.6	
1330-20-7-----	Xylene (m,p)	8.4	
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	3.2	
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	3.7	U

* 370

R

* 10 x DL

FORM 1 USE THIS WESTN5 SAMPLE NO.
VOLATILE ORGANICS ANALYSIS DATA SHEET

SGWOPOST005

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519234

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519234

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	~~5.3~~ U R	
108-67-8-----	1,3,5-Trimethylbenzene	2.5	U
95-63-6-----	1,2,4-Trimethylbenzene	4.3	
76-14-2-----	1,2-Dichlorotetrafluoroethan	3.5	U
106-93-4-----	1,2-Dibromoethane	3.8	U
106-99-0-----	1,3-Butadiene	1.2	U
75-15-0-----	Carbon Disulfide	1.6	U
110-82-7-----	Cyclohexane	13	
124-48-1-----	Dibromochloromethane	5.0	U
75-25-2-----	Bromoform	5.2	U
75-27-4-----	Bromodichloromethane	3.4	U
156-60-5-----	trans-1,2-Dichloroethene	2.0	U
622-96-8-----	4-Ethyltoluene	2.6	
107-05-1-----	3-Chloropropene	1.6	U
540-84-1-----	2,2,4-Trimethylpentane	2.7	U
593-60-2-----	Bromoethene	2.2	U
95-49-8-----	2-Chlorotoluene	2.6	U
110-54-3-----	n-Hexane	6.4	
142-85-5-----	n-Heptane	14	

FORM 1 VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTIN5 SAMPLE NO.

GWOPOST05DL

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519234D1

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: 519234D

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/20/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 10.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	25	U
74-87-3-----	Chloromethane	10	U
75-01-4-----	Vinyl Chloride	13	U
74-83-9-----	Bromomethane	19	U
75-00-3-----	Chloroethane	13	U
75-69-4-----	Trichlorofluoromethane	28	U
76-13-1-----	Freon TF	38	U
75-35-4-----	1,1-Dichloroethene	20	U
75-09-2-----	Methylene Chloride	17	U
75-34-3-----	1,1-Dichloroethane	20	U
156-59-2-----	cis-1,2-Dichloroethene	20	U
67-66-3-----	Chloroform	24	U
71-55-6-----	1,1,1-Trichloroethane	27	U
56-23-5-----	Carbon Tetrachloride	32	U
71-43-2-----	Benzene	16	U
107-06-2-----	1,2-Dichloroethane	20	U
79-01-6-----	Trichloroethene	27	U
78-87-5-----	1,2-Dichloropropane	23	U
10061-01-5-----	cis-1,3-Dichloropropene	23	U
108-88-3-----	Toluene	370	D
10061-02-6-----	trans-1,3-Dichloropropene	23	U
79-00-5-----	1,1,2-Trichloroethane	27	U
127-18-4-----	Tetrachloroethene	34	U
108-90-7-----	Chlorobenzene	23	U
100-41-4-----	Ethylbenzene	22	U
1330-20-7-----	Xylene (m,p)	22	U
100-42-5-----	Styrene	21	U
95-47-6-----	Xylene (o)	22	U
79-34-5-----	1,1,2,2-Tetrachloroethane	34	U
541-73-1-----	1,3-Dichlorobenzene	30	U
106-46-7-----	1,4-Dichlorobenzene	30	U
95-50-1-----	1,2-Dichlorobenzene	30	U
120-82-1-----	1,2,4-Trichlorobenzene	37	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

GWOP05DL

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519234D1

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: 519234D

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/20/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 10.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3

Q

87-68-3-----	Hexachlorobutadiene	52 U	R
108-67-8-----	1,3,5-Trimethylbenzene	25 U	
95-63-6-----	1,2,4-Trimethylbenzene	25 U	
76-14-2-----	1,2-Dichlorotetrafluoroethane	35 U	
106-93-4-----	1,2-Dibromomethane	38 U	
106-99-0-----	1,3-Butadiene	12 U	
75-15-0-----	Carbon Disulfide	16 U	
110-82-7-----	Cyclohexane	17 U	
124-48-1-----	Dibromochloromethane	50 U	
75-25-2-----	Bromoform	52 U	
75-27-4-----	Bromodichloromethane	34 U	
156-60-5-----	trans-1,2-Dichloroethene	20 U	
622-96-8-----	4-Ethyltoluene	25 U	
107-05-1-----	3-Chloropropene	16 U	
540-84-1-----	2,2,4-Trimethylpentane	27 U	
593-60-2-----	Bromoethene	22 U	
95-49-8-----	2-Chlorotoluene	26 U	
110-54-3-----	n-Hexane	18 U	
142-85-5-----	n-Heptane	21 U	

FORM 1 *USE THIS SAMPLE* WESTNS SAMPLE NO.
VOLATILE ORGANICS ANALYSIS DATA SHEET

SGW-BAY020

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519247

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519247

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.2	
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	37	
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	4.3	
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	2.3	U
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	4.6	
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	20	
1330-20-7-----	Xylene (m,p)	24	
100-42-5-----	Styrene	8.2	
95-47-6-----	Xylene (o)	9.4	
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	3.0	U

*480

200 2.5 U

R 2.7 U

10 x DL

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTNS SAMPLE NO.

SGW-BAY020

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519247

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519247

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	5.3	R
108-67-8-----	1,3,5-Trimethylbenzene	3.8	
95-63-6-----	1,2,4-Trimethylbenzene	12	
76-14-2-----	1,2-Dichlorotetrafluoroethan	3.5	U
106-93-4-----	1,2-Dibromoethane	3.8	U
106-99-0-----	1,3-Butadiene	1.2	U
75-15-0-----	Carbon Disulfide	1.6	U
110-82-7-----	Cyclohexane	23	
124-48-1-----	Dibromochloromethane	5.0	U
75-25-2-----	Bromoform	5.2	U
75-27-4-----	Bromodichloromethane	3.4	U
156-60-5-----	trans-1,2-Dichloroethene	2.0	U
622-96-8-----	4-Ethyltoluene	6.6	
107-05-1-----	3-Chloropropene	1.6	U
540-84-1-----	2,2,4-Trimethylpentane	2.9	
593-60-2-----	Bromoethene	2.2	U
95-49-8-----	2-Chlorotoluene	2.6	U
110-54-3-----	n-Hexane	20	
142-85-5-----	n-Heptane	19	

SGW-BAY020DL

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519247D1

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: 519247D

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/20/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 10.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	25	U
74-87-3-----	Chloromethane	10	U
75-01-4-----	Vinyl Chloride	13	U
74-83-9-----	Bromomethane	19	U
75-00-3-----	Chloroethane	13	U
75-69-4-----	Trichlorofluoromethane	28	U
76-13-1-----	Freon TF	38	U
75-35-4-----	1,1-Dichloroethane	20	U
75-09-2-----	Methylene Chloride	45	D
75-34-3-----	1,1-Dichloroethane	20	U
156-59-2-----	cis-1,2-Dichloroethene	20	U
67-66-3-----	Chloroform	24	U
71-55-6-----	1,1,1-Trichloroethane	27	U
56-23-5-----	Carbon Tetrachloride	32	U
71-43-2-----	Benzene	16	U
107-06-2-----	1,2-Dichloroethane	20	U
79-01-6-----	Trichloroethene	27	U
78-87-5-----	1,2-Dichloropropane	23	U
10061-01-5-----	cis-1,3-Dichloropropene	23	U
108-88-3-----	Toluene	480	U
10061-02-6-----	trans-1,3-Dichloropropene	23	U
79-00-5-----	1,1,2-Trichloroethane	27	U
127-18-4-----	Tetrachloroethene	34	U
108-90-7-----	Chlorobenzene	23	U
100-41-4-----	Ethylbenzene	22	U
1330-20-7-----	Xylene (m,p)	26	D
100-42-5-----	Styrene	21	U
95-47-6-----	Xylene (o)	22	U
79-34-5-----	1,1,2,2-Tetrachloroethane	34	U
541-73-1-----	1,3-Dichlorobenzene	30	U
106-46-7-----	1,4-Dichlorobenzene	30	U
95-50-1-----	1,2-Dichlorobenzene	30	U
120-82-1-----	1,2,4-Trichlorobenzene	37	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

Do Not Use

WESTN5 SAMPLE NO.

SGW-BAY020DL

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519247D1

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: 519247D

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec.

Date Analyzed: 03/20/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 10.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3	Hexachlorobutadiene	25	U
108-67-8	1,3,5-Trimethylbenzene	25	U
95-63-6	1,2,4-Trimethylbenzene	35	U
76-14-2	1,2-Dichlorotetrafluoroethane	38	U
106-93-4	1,2-Dibromoethane	12	U
106-99-0	1,3-Butadiene	16	U
75-15-0	Carbon Disulfide	25	D
110-82-7	Cyclohexane	50	U
124-48-1	Dibromochloromethane	52	U
75-25-2	Bromoform	34	U
75-27-4	Bromodichloromethane	20	U
156-60-5	trans-1,2-Dichloroethene	25	U
622-96-8	4-Ethyltoluene	16	U
107-05-1	3-Chloropropene	27	U
540-84-1	2,2,4-Trimethylpentane	22	U
593-60-2	Bromoethene	26	U
95-49-8	2-Chlorotoluene	21	D
110-54-3	n-Hexane	21	U
142-85-5	n-Heptane		

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-BAY10

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519242

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519242

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.0	U
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	3.0	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	2.2	U
100-42-5-----	Styrene	2.8	
95-47-6-----	Xylene (o)	5.4	
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	3.7	R

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTNS SAMPLE NO.

SGW-BAY10DL

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519242D1

Sample wt/vol: 100.0 (g/mL) ML

Lab File ID: 519242D

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/20/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 2.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8	Dichlorodifluoromethane	4.9	U
74-87-3	Chloromethane	2.1	U
75-01-4	Vinyl Chloride	2.6	U
74-83-9	Bromomethane	3.9	U
75-00-3	Chloroethane	2.6	U
75-69-4	Trichlorofluoromethane	5.6	U
76-13-1	Freon TF	7.7	U
75-35-4	1,1-Dichloroethene	4.0	U
75-09-2	Methylene Chloride	3.5	U
75-34-3	1,1-Dichloroethane	4.0	U
156-59-2	cis-1,2-Dichloroethene	4.0	U
67-66-3	Chloroform	4.9	U
71-55-6	1,1,1-Trichloroethane	5.5	U
56-23-5	Carbon Tetrachloride	6.3	U
71-43-2	Benzene	3.2	U
107-06-2	1,2-Dichloroethane	4.0	U
79-01-6	Trichloroethene	5.4	U
78-87-5	1,2-Dichloropropane	4.6	U
10061-01-5	cis-1,3-Dichloropropene	4.5	U
108-88-3	Toluene	3.8	U
10061-02-6	trans-1,3-Dichloropropene	4.5	U
79-00-5	1,1,2-Trichloroethane	5.5	U
127-18-4	Tetrachloroethene	6.8	U
108-90-7	Chlorobenzene	4.6	U
100-41-4	Ethylbenzene	4.3	U
1330-20-7	Xylene (m,p)	4.3	U
100-42-5	Styrene	4.3	U
95-47-6	Xylene (o)	5.2	D
79-34-5	1,1,2,2-Tetrachloroethane	6.9	U
541-73-1	1,3-Dichlorobenzene	6.0	U
106-46-7	1,4-Dichlorobenzene	6.0	U
95-50-1	1,2-Dichlorobenzene	6.0	U
120-82-1	1,2,4-Trichlorobenzene	7.4	U

USE THIS SAMPLE
FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTNS SAMPLE NO.

SGW-BAY10

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519242

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519242

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	5.3	U	R
108-67-8-----	1,3,5-Trimethylbenzene	46		
95-63-6-----	1,2,4-Trimethylbenzene	* 160	210	30
76-14-2-----	1,2-Dichlorotetrafluoroethan	3.5	U	
106-93-4-----	1,2-Dibromoethane	3.8	U	
106-99-0-----	1,3-Butadiene	1.2	U	
75-15-0-----	Carbon Disulfide	1.6	U	
110-82-7-----	Cyclohexane	1.7	U	
124-48-1-----	Dibromochloromethane	5.0	U	
75-25-2-----	Bromoform	5.2	U	
75-27-4-----	Bromodichloromethane	3.4	U	
156-60-5-----	trans-1,2-Dichloroethene	2.0	U	
622-96-8-----	4-Ethyltoluene	77		
107-05-1-----	3-Chloropropene	1.6	U	
540-84-1-----	2,2,4-Trimethylpentane	2.7	U	
593-60-2-----	Bromoethene	2.2	U	
95-49-8-----	2-Chlorotoluene	2.6	U	
110-54-3-----	n-Hexane	1.8	U	
142-85-5-----	n-Heptane	2.1	U	

* 2 X DF

DO NOT USE

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-BAY10DL

Lab Name STL BURLINGTON

Contract: 23000

Lab Code STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix (soil/water) AIR

Lab Sample ID: 519242D1

Sample wt/vol: 100.0 (g/mL) ML

Lab File ID: 519242D

Level (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec.

Date Analyzed: 03/20/03

GC (in): RTX-624 ID: 0.32 (mm)

Dilution Factor: 2.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8	Dichlorodifluoromethane	4.9	U
74-87-3	Chloromethane	2.1	U
75-01-4	Vinyl Chloride	2.6	U
74-83-9	Bromomethane	3.9	U
75-00-3	Chloroethane	2.6	U
75-69-4	Trichlorofluoromethane	5.6	U
76-13-1	Freon TF	7.7	U
75-35-4	1,1-Dichloroethene	4.0	U
75-09-2	Methylene Chloride	3.5	U
75-34-3	1,1-Dichloroethane	4.0	U
156-59-2	cis-1,2-Dichloroethene	4.0	U
67-66-3	Chloroform	4.9	U
71-55-6	1,1,1-Trichloroethane	5.5	U
56-23-5	Carbon Tetrachloride	6.3	U
71-43-2	Benzene	3.2	U
107-06-2	1,2-Dichloroethane	4.0	U
79-01-6	Trichloroethene	5.4	U
78-87-5	1,2-Dichloropropane	4.6	U
10061-01-5	cis-1,3-Dichloropropene	4.5	U
108-88-3	Toluene	3.8	U
10061-02-6	trans-1,3-Dichloropropene	4.5	U
79-00-5	1,1,2-Trichloroethane	5.5	U
127-18-4	Tetrachloroethene	6.8	U
108-90-7	Chlorobenzene	4.6	U
100-41-4	Ethylbenzene	4.3	U
1330-20-7	Xylene (m,p)	4.3	U
100-42-5	Styrene	4.3	U
95-47-6	Xylene (o)	5.2	D
79-34-5	1,1,2,2-Tetrachloroethane	6.9	U
541-73-1	1,3-Dichlorobenzene	6.0	U
106-46-7	1,4-Dichlorobenzene	6.0	U
95-50-1	1,2-Dichlorobenzene	6.0	U
120-82-1	1,2,4-Trichlorobenzene	7.4	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-BAY10DL

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519242D1

Sample wt/vol: 100.0 (g/mL) ML

Lab File ID: 519242D

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec.

Date Analyzed: 03/20/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 2.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3

Q

87-68-3-----	Hexachlorobutadiene	11	U R
108-67-8-----	1,3,5-Trimethylbenzene	45	D
95-63-6-----	1,2,4-Trimethylbenzene	160	D
76-14-2-----	1,2-Dichlorotetrafluoroethane	7.0	U
106-93-4-----	1,2-Dibromoethane	7.7	U
106-99-0-----	1,3-Butadiene	2.5	U
75-15-0-----	Carbon Disulfide	3.1	U
110-82-7-----	Cyclohexane	3.4	U
124-48-1-----	Dibromochloromethane	9.9	U
75-25-2-----	Bromoform	10	U
75-27-4-----	Bromodichloromethane	6.7	U
156-60-5-----	trans-1,2-Dichloroethene	4.0	U
622-96-8-----	4-Ethyltoluene	66	D
107-05-1-----	3-Chloropropene	3.1	U
540-84-1-----	2,2,4-Trimethylpentane	5.4	U
593-60-2-----	Bromoethene	4.4	U
95-49-8-----	2-Chlorotoluene	5.2	U
110-54-3-----	n-Hexane	3.5	U
142-85-5-----	n-Heptane	4.1	U

23000

SDG No.:

Sample ID: 5192

51923

FORM 1

VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-BRAN037

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519238

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519238

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.0	U
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	5.2	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U J
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	2.2	U
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	2.2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
100-1-1-----	1,2,4-Trichlorobenzene	3.7	U R

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-BRAN037

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519238

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519238

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/ML Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.0	U
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	5.2	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	UJ
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	2.2	U
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	2.2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	3.7	UR

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-BRAN037

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519238

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519238

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	5.3	U	R
108-67-8-----	1,3,5-Trimethylbenzene	2.5	U	
95-63-6-----	1,2,4-Trimethylbenzene	2.5	U	
76-14-2-----	1,2-Dichlorotetrafluoroethan	3.5	U	
106-93-4-----	1,2-Dibromoethane	3.8	U	
106-99-0-----	1,3-Butadiene	1.2	U	
75-15-0-----	Carbon Disulfide	1.6	U	
110-82-7-----	Cyclohexane	1.7	U	
124-48-1-----	Dibromochloromethane	5.0	U	
75-25-2-----	Bromoform	5.2	U	
75-27-4-----	Bromodichloromethane	3.4	U	
156-60-5-----	trans-1,2-Dichloroethene	2.0	U	
622-96-8-----	4-Ethyltoluene	2.5	U	
107-05-1-----	3-Chloropropene	1.6	U	
540-84-1-----	2,2,4-Trimethylpentane	2.7	U	
593-60-2-----	Bromoethene	2.2	U	
95-49-8-----	2-Chlorotoluene	2.6	U	
110-54-3-----	n-Hexane	2.1	U	
142-85-5-----	n-Heptane	2.1	U	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-HARB022

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519239

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519239

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.0	U
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	2.4	
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	9.0	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U J
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	5.3	
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	2.2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	3.7	U R

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-HARB022

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519239

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519239

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	5.3	U R
108-67-8-----	1,3,5-Trimethylbenzene	2.5	U
95-63-6-----	1,2,4-Trimethylbenzene	2.8	
76-14-2-----	1,2-Dichlorotetrafluoroethane	3.5	U
106-93-4-----	1,2-Dibromoethane	3.8	U
106-99-0-----	1,3-Butadiene	1.2	U
75-15-0-----	Carbon Disulfide	1.6	U
110-82-7-----	Cyclohexane	1.7	U
124-48-1-----	Dibromochloromethane	5.0	U
75-25-2-----	Bromoform	5.2	U
75-27-4-----	Bromodichloromethane	3.4	U
156-60-5-----	trans-1,2-Dichloroethene	2.0	U
622-96-8-----	4-Ethyltoluene	2.5	U
107-05-1-----	3-Chloropropene	1.6	U
540-84-1-----	2,2,4-Trimethylpentane	2.7	U
593-60-2-----	Bromoethene	2.2	U
95-49-8-----	2-Chlorotoluene	2.6	U
110-54-3-----	n-Hexane	2.5	
142-85-5-----	n-Heptane	2.1	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-HIGH033

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519246

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519246

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.0	U
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	2.5	
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	51	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U J
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	3.4	
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	2.2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	3.7	U R

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-HIGH033

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519246

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519246

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/MB Q

87-68-3-----	Hexachlorobutadiene	5.3	U-R
108-67-8-----	1,3,5-Trimethylbenzene	2.5	U
95-63-6-----	1,2,4-Trimethylbenzene	2.5	U
76-14-2-----	1,2-Dichlorotetrafluoroethan	3.5	U
106-93-4-----	1,2-Dibromoethane	3.8	U
106-99-0-----	1,3-Butadiene	1.2	U
75-15-0-----	Carbon Disulfide	1.6	U
110-82-7-----	Cyclohexane	3.2	
124-48-1-----	Dibromochloromethane	5.0	U
75-25-2-----	Bromoform	5.2	U
75-27-4-----	Bromodichloromethane	3.4	U
156-60-5-----	trans-1,2-Dichloroethene	2.0	U
622-96-8-----	4-Ethyltoluene	2.5	U
107-05-1-----	3-Chloropropene	1.6	U
540-84-1-----	2,2,4-Trimethylpentane	2.7	U
593-60-2-----	Bromoethene	2.2	U
95-49-8-----	2-Chlorotoluene	2.6	U
110-54-3-----	n-Hexane	3.0	
142-85-5-----	n-Heptane	2.1	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-OMILL320

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519237

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519237

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.0	U
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	5.9	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	2.2	U
100-42-5-----	Styrene	2.5	
95-47-6-----	Xylene (o)	4.7	
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	2.7	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTNS SAMPLE NO.

SGW-OMILL320

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519237

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519237

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	5.3	U	R
108-67-8-----	1,3,5-Trimethylbenzene	37		
95-63-6-----	1,2,4-Trimethylbenzene	160		
76-14-2-----	1,2-Dichlorotetrafluoroethane	3.5	U	
106-93-4-----	1,2-Dibromoethane	3.8	U	
106-99-0-----	1,3-Butadiene	1.2	U	
75-15-0-----	Carbon Disulfide	1.6	U	
110-82-7-----	Cyclohexane	1.7	U	
124-48-1-----	Dibromochloromethane	5.0	U	
75-25-2-----	Bromoform	5.2	U	
75-27-4-----	Bromodichloromethane	3.4	U	
156-60-5-----	trans-1,2-Dichloroethene	2.0	U	
622-96-8-----	4-Ethyltoluene	64		
107-05-1-----	3-Chloropropene	1.6	U	
540-84-1-----	2,2,4-Trimethylpentane	2.7	U	
593-60-2-----	Bromoethene	2.2	U	
95-49-8-----	2-Chlorotoluene	2.6	U	
110-54-3-----	n-Hexane	1.8	U	
142-85-5-----	n-Heptane	2.1	U	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-OMILL329

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519243

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519243

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.0	U
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	9.9	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	2.2	U
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	2.2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	3.7	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTNS SAMPLE NO.

SGW-OMILL329

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519243

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519243

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	5.3 U	R
108-67-8-----	1,3,5-Trimethylbenzene	2.5 U	
95-63-6-----	1,2,4-Trimethylbenzene	2.5 U	
76-14-2-----	1,2-Dichlorotetrafluoroethan	3.5 U	
106-93-4-----	1,2-Dibromoethane	3.8 U	
106-99-0-----	1,3-Butadiene	1.2 U	
75-15-0-----	Carbon Disulfide	1.6 U	
110-82-7-----	Cyclohexane	1.7 U	
124-48-1-----	Dibromochloromethane	5.0 U	
75-25-2-----	Bromoform	5.2 U	
75-27-4-----	Bromodichloromethane	3.4 U	
156-60-5-----	trans-1,2-Dichloroethene	2.0 U	
622-96-8-----	4-Ethyltoluene	2.5 U	
107-05-1-----	3-Chloropropene	1.6 U	
540-84-1-----	2,2,4-Trimethylpentane	2.7 U	
593-60-2-----	Bromoethene	2.2 U	
95-49-8-----	2-Chlorotoluene	2.6 U	
110-54-3-----	n-Hexane	1.8 U	
142-85-5-----	n-Heptane	2.1 U	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTNS SAMPLE NO.

SGW-SWAN005

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519244

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519244

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.1	
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	4.0	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	2.2	U
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	2.2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	3.7	U R

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-SWAN005

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519244

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519244

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	5.3	UR
108-67-8-----	1,3,5-Trimethylbenzene	2.5	U
95-63-6-----	1,2,4-Trimethylbenzene	2.5	U
76-14-2-----	1,2-Dichlorotetrafluoroethan	3.5	U
106-93-4-----	1,2-Dibromoethane	3.8	U
106-99-0-----	1,3-Butadiene	1.2	U
75-15-0-----	Carbon Disulfide	1.6	U
110-82-7-----	Cyclohexane	1.7	U
124-48-1-----	Dibromochloromethane	5.0	U
75-25-2-----	Bromoform	5.2	U
75-27-4-----	Bromodichloromethane	3.4	U
156-60-5-----	trans-1,2-Dichloroethene	2.0	U
622-96-8-----	4-Ethyltoluene	2.5	U
107-05-1-----	3-Chloropropene	1.6	U
540-84-1-----	2,2,4-Trimethylpentane	2.7	U
593-60-2-----	Bromoethene	2.2	U
95-49-8-----	2-Chlorotoluene	2.6	U
110-54-3-----	n-Hexane	1.8	U
142-85-5-----	n-Heptane	2.1	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-SWAN006

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519240

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519240

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	4.0	
74-87-3-----	Chloromethane	1.0	U
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	2.3	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U J
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	2.2	U
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	2.2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	3.7	U R

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-SWAN006

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519240

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519240

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	~~5.5~~ U ^R
108-67-8-----	1,3,5-Trimethylbenzene	2.5 U
95-63-6-----	1,2,4-Trimethylbenzene	2.5 U
76-14-2-----	1,2-Dichlorotetrafluoroethan	3.5 U
106-93-4-----	1,2-Dibromoethane	3.8 U
106-99-0-----	1,3-Butadiene	1.2 U
75-15-0-----	Carbon Disulfide	1.6 U
110-82-7-----	Cyclohexane	1.7 U
124-48-1-----	Dibromochloromethane	5.0 U
75-25-2-----	Bromoform	5.2 U
75-27-4-----	Bromodichloromethane	3.4 U
156-60-5-----	trans-1,2-Dichloroethene	2.0 U
622-96-8-----	4-Ethyltoluene	2.5 U
107-05-1-----	3-Chloropropene	1.6 U
540-84-1-----	2,2,4-Trimethylpentane	2.7 U
593-60-2-----	Bromoethene	2.2 U
95-49-8-----	2-Chlorotoluene	2.6 U
110-54-3-----	n-Hexane	2.8
142-85-5-----	n-Heptane	2.1 U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-TB31103

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519241

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519241

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.0	U
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	1.9	U
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	2.2	U
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	2.2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	3.7	U R

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-TB31103

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519241

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519241

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	5.3 U	R
108-67-8-----	1,3,5-Trimethylbenzene	2.5 U	
95-63-6-----	1,2,4-Trimethylbenzene	2.5 U	
76-14-2-----	1,2-Dichlorotetrafluoroethan	3.5 U	
106-93-4-----	1,2-Dibromoethane	3.8 U	
106-99-0-----	1,3-Butadiene	1.2 U	
75-15-0-----	Carbon Disulfide	1.6 U	
110-82-7-----	Cyclohexane	1.7 U	
124-48-1-----	Dibromochloromethane	5.0 U	
75-25-2-----	Bromoform	5.2 U	
75-27-4-----	Bromodichloromethane	3.4 U	
156-60-5-----	trans-1,2-Dichloroethene	2.0 U	
622-96-8-----	4-Ethyltoluene	2.5 U	
107-05-1-----	3-Chloropropene	1.6 U	
540-84-1-----	2,2,4-Trimethylpentane	2.7 U	
593-60-2-----	Bromoethene	2.2 U	
95-49-8-----	2-Chlorotoluene	2.6 U	
110-54-3-----	n-Hexane	1.8 U	
142-85-5-----	n-Heptane	2.1 U	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-TIDE003

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519245

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519245

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	5.1	
74-87-3-----	Chloromethane	1.0	U
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	3.1	
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	3.0	
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	5.9	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	2.2	
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	2.2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	6.7	
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	9.7	U R

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-TIDE003

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519245

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519245

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/MB Q

87-68-3-----	Hexachlorobutadiene	~~5.3~~ U R
108-67-8-----	1,3,5-Trimethylbenzene	2.5 U
95-63-6-----	1,2,4-Trimethylbenzene	2.5 U
76-14-2-----	1,2-Dichlorotetrafluoroethan	3.5 U
106-93-4-----	1,2-Dibromoethane	3.8 U
106-99-0-----	1,3-Butadiene	1.2 U
75-15-0-----	Carbon Disulfide	1.6 U
110-82-7-----	Cyclohexane	1.7 U
124-48-1-----	Dibromochloromethane	5.0 U
75-25-2-----	Bromoform	5.2 U
75-27-4-----	Bromodichloromethane	3.4 U
156-60-5-----	trans-1,2-Dichloroethene	2.0 U
622-96-8-----	4-Ethyltoluene	2.5 U
107-05-1-----	3-Chloropropene	1.6 U
540-84-1-----	2,2,4-Trimethylpentane	2.7 U
593-60-2-----	Bromoethene	2.2 U
95-49-8-----	2-Chlorotoluene	2.6 U
110-54-3-----	n-Hexane	1.8 U
142-85-5-----	n-Heptane	2.1 U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-WATER004

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519235

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519235

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.0	U
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	4.3	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U J
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	2.2	U
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	2.2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	2.7	U R

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-WATER004

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519235

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519235

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	5.3 U	R
108-67-8-----	1,3,5-Trimethylbenzene	2.5 U	
95-63-6-----	1,2,4-Trimethylbenzene	2.5 U	
76-14-2-----	1,2-Dichlorotetrafluoroethane	3.5 U	
106-93-4-----	1,2-Dibromoethane	3.8 U	
106-99-0-----	1,3-Butadiene	1.2 U	
75-15-0-----	Carbon Disulfide	1.6 U	
110-82-7-----	Cyclohexane	1.7 U	
124-48-1-----	Dibromochloromethane	5.0 U	
75-25-2-----	Bromoform	5.2 U	
75-27-4-----	Bromodichloromethane	3.4 U	
156-60-5-----	trans-1,2-Dichloroethene	2.0 U	
622-96-8-----	4-Ethyltoluene	2.5 U	
107-05-1-----	3-Chloropropene	1.6 U	
540-84-1-----	2,2,4-Trimethylpentane	2.7 U	
593-60-2-----	Bromoethene	2.2 U	
95-49-8-----	2-Chlorotoluene	2.6 U	
110-54-3-----	n-Hexane	1.8	
142-85-5-----	n-Heptane	2.1 U	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-WATER007

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLV

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519236

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519236

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.6	
74-87-3-----	Chloromethane	1.3	
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	3.7	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	2.2	U
1330-20-7-----	Xylene (m,p)	2.2	U
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	2.2	U
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	3.7	UR

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-WATER007

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519236

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519236

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/19/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	~~5.5~~ 8	R
108-67-8-----	1,3,5-Trimethylbenzene	2.5	U
95-63-6-----	1,2,4-Trimethylbenzene	2.5	U
76-14-2-----	1,2-Dichlorotetrafluoroethan	3.5	U
106-93-4-----	1,2-Dibromoethane	3.8	U
106-99-0-----	1,3-Butadiene	1.2	U
75-15-0-----	Carbon Disulfide	1.6	U
110-82-7-----	Cyclohexane	1.7	U
124-48-1-----	Dibromochloromethane	5.0	U
75-25-2-----	Bromoform	5.2	U
75-27-4-----	Bromodichloromethane	3.4	U
156-60-5-----	trans-1,2-Dichloroethene	2.0	U
622-96-8-----	4-Ethyltoluene	2.5	U
107-05-1-----	3-Chloropropene	1.6	U
540-84-1-----	2,2,4-Trimethylpentane	2.7	U
593-60-2-----	Bromoethene	2.2	U
95-49-8-----	2-Chlorotoluene	2.6	U
110-54-3-----	n-Hexane	1.8	U
142-85-5-----	n-Heptane	2.1	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTN5 SAMPLE NO.

SGW-WATER008

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519248

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519248

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/20/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

75-71-8-----	Dichlorodifluoromethane	2.5	U
74-87-3-----	Chloromethane	1.0	U
75-01-4-----	Vinyl Chloride	1.3	U
74-83-9-----	Bromomethane	1.9	U
75-00-3-----	Chloroethane	1.3	U
75-69-4-----	Trichlorofluoromethane	2.8	U
76-13-1-----	Freon TF	3.8	U
75-35-4-----	1,1-Dichloroethene	2.0	U
75-09-2-----	Methylene Chloride	1.7	U
75-34-3-----	1,1-Dichloroethane	2.0	U
156-59-2-----	cis-1,2-Dichloroethene	2.0	U
67-66-3-----	Chloroform	2.4	U
71-55-6-----	1,1,1-Trichloroethane	2.7	U
56-23-5-----	Carbon Tetrachloride	3.2	U
71-43-2-----	Benzene	1.6	U
107-06-2-----	1,2-Dichloroethane	2.0	U
79-01-6-----	Trichloroethene	2.7	U
78-87-5-----	1,2-Dichloropropane	2.3	U
10061-01-5-----	cis-1,3-Dichloropropene	2.3	U
108-88-3-----	Toluene	2.1	
10061-02-6-----	trans-1,3-Dichloropropene	2.3	U
79-00-5-----	1,1,2-Trichloroethane	2.7	U
127-18-4-----	Tetrachloroethene	3.4	U
108-90-7-----	Chlorobenzene	2.3	U
100-41-4-----	Ethylbenzene	5.7	
1330-20-7-----	Xylene (m,p)	15	
100-42-5-----	Styrene	2.1	U
95-47-6-----	Xylene (o)	4.0	
79-34-5-----	1,1,2,2-Tetrachloroethane	3.4	U
541-73-1-----	1,3-Dichlorobenzene	3.0	U
106-46-7-----	1,4-Dichlorobenzene	3.0	U
95-50-1-----	1,2-Dichlorobenzene	3.0	U
120-82-1-----	1,2,4-Trichlorobenzene	3.7	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

WESTNS SAMPLE NO.

SGW-WATER008

Lab Name: STL BURLINGTON

Contract: 23000

Lab Code: STLVT

Case No.: RFP3304 SAS No.:

SDG No.: 92467

Matrix: (soil/water) AIR

Lab Sample ID: 519248

Sample wt/vol: 200.0 (g/mL) ML

Lab File ID: 519248

Level: (low/med) LOW

Date Received: 03/14/03

% Moisture: not dec. _____

Date Analyzed: 03/20/03

GC Column: RTX-624 ID: 0.32 (mm)

Dilution Factor: 1.0

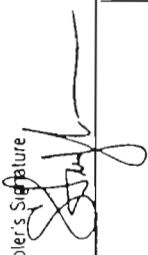
Soil Extract Volume: _____ (uL)

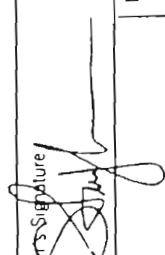
Soil Aliquot Volume: _____ (uL)

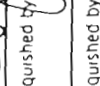
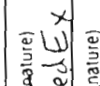
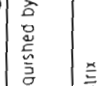
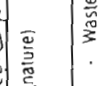
CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/M3 Q

87-68-3-----	Hexachlorobutadiene	5.3	U	R
108-67-8-----	1,3,5-Trimethylbenzene	2.5	U	
95-63-6-----	1,2,4-Trimethylbenzene	2.5	U	
76-14-2-----	1,2-Dichlorotetrafluoroethan	3.5	U	
106-93-4-----	1,2-Dibromoethane	3.8	U	
106-99-0-----	1,3-Butadiene	1.2	U	
75-15-0-----	Carbon Disulfide	1.6	U	
110-82-7-----	Cyclohexane	1.7	U	
124-48-1-----	Dibromochloromethane	5.0	U	
75-25-2-----	Bromoform	5.2	U	
75-27-4-----	Bromodichloromethane	3.4	U	
156-60-5-----	trans-1,2-Dichloroethene	2.0	U	
622-96-8-----	4-Ethyltoluene	2.5	U	
107-05-1-----	3-Chloropropene	1.6	U	
540-84-1-----	2,2,4-Trimethylpentane	2.7	U	
593-60-2-----	Bromoethene	2.2	U	
95-49-8-----	2-Chlorotoluene	2.6	U	
110-54-3-----	n-Hexane	1.8	U	
142-85-5-----	n-Heptane	2.1	U	

CHAIN OF CUSTODY RECORD

Report to: Company: <u>WESTON SOLUTIONS, INC.</u> Address: <u>1090 King Georges Post Rd.</u> <u>Suite 201</u> Contact: <u>SMITH Sumbaly</u> Phone: <u>(732) 225-6116</u> Fax: <u>(732) 225-7037</u> Contract/Quote: <u>P.O. # 0037853</u> <u>REP # 3304</u>				Invoice to: Company: _____ Address: _____ Contact: _____ Phone: _____ Fax: _____				ANALYSIS REQUESTED VOA BY METHOD TO-15				Lab Use Only Due Date: _____ Temp. of coolers when received (C): 1 2 3 4 5 Custody Seal N / Y Intact N / Y Screened For Radioactivity ☐											
Sampler's Name <u>Steven Cannon</u>				Sampler's Signature 																			
Proj. No.		Project Name		No./Type of Containers		Identifying Marks of Sample(s)		VOA		A/G 1 Lt.		250 ml		P/O									
Matrix	Date	Time	C o m p	G i b																			
A	3-11-03	0847	X				SGW - OPOST 005																
		0858					SGW - WATER 004																
		0906					SGW - WATER 007																
		0932					SGW - OMILL 320																
Lab/Sample ID (Lab Use Only)																							
Remarks																							
Relinquished by: (Signature) 				Date 3/13/03				Time 1032				Received by: (Signature) <u>FedEx</u>				Date 3/13/03				Time 1032			
Relinquished by: (Signature) <u>FedEx</u>				Date				Time				Received by: (Signature) <u>John</u>				Date 3/14/03				Time 0930			
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
Matrix WW - Wastewater Container VOA - 40 ml vial				Water W - Water A/G - Amber / Or Glass 1 Liter				Soil S - Soil Or Glass 1 Liter				Liquid L - Liquid 250 ml - Glass wide mouth				Charcoal Tube C - Charcoal Tube P/O - ~~Plastic~~ or other <u>Summa canister</u>				Sludge SL - Sludge Oil O - Oil			

Report to:				Invoice to:				ANALYSIS REQUESTED		Lab Use Only	
Company: <u>WESTON SOLUTIONS, INC.</u>				Company: _____				Temp. of coolers when received (C): 1 2 3 4 5		Custody Seal N / Y Intact N / Y	
Address: <u>1090 King Georges Post Rd, Suite 201</u>				Address: _____							
Contact: <u>SMITA Sumbaly</u>				Contact: _____				Screened For Radioactivity ☐		Lab/ Sample ID (Lab Use Only)	
Phone: <u>(732) 225-6116</u>				Phone: _____							
Fax: <u>(732) 225-7037</u>				Fax: _____							
Contract/ P.O. # <u>0037853</u>				Contract/ P.O. # <u>0037853</u>							
Quote: <u>RFP # 3304</u>				Quote: <u>RFP # 3304</u>							
Sampler's Name: <u>Steven Cannon</u>				Sampler's Signature: 							
Proj. No.		Project Name		No/Type of Containers							
Matrix	Date	Time	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O				
A	3/11/03	0715	SGW - BRAN 037				1				
		0135	SGW - HARB 022								
		0828	SGW - SWAN 006								
		0715	SGW - TB 31103								
VOA BY Method TO-15											

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time	Remarks
	3/13/03	1030	FedEx	3/13/03	1030	
				3/14/03	1030	
						

Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.

STL cannot accept any changes. Please Fax written changes to (802) 655-1248

Matrix: WW - Wastewater W - Water S - Soil L - Liquid A - Air bag C - Charcoal Tube SL - Sludge O - Oil
 Container: VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter P/O - Plastic or other SUMMA Canister

CHAIN OF CUSTODY RECORD

Report to: Company: <u>Weston Solutions Inc.</u> Address: <u>1090 King Georges Post Rd.</u> <u>Suite 201</u> Contact: <u>Smita Sumbaly</u> Phone: <u>(732) 225-6116</u> Fax: <u>(732) 225-7037</u> Contract/ P.O. # <u>0037053</u> Quote: <u>RFP # 3304</u>				Invoice to: Company: _____ Address: _____ Contact: _____ Phone: _____ Fax: _____				ANALYSIS REQUESTED VCA BY METHOD TO-15				Lab Use Only Due Date: _____ Temp. of coolers when received (C°): 1 2 3 4 5 Custody Seal Intact N / Y N / Y Screened For Radioactivity ☐			
Sampler's Name <u>Steven Cannon</u> Sampler's Signature: <u>[Signature]</u>				Project Name No./Type of Containers: _____				Lab/ Sample ID (Lab Use Only) LO							
Proj. No.	Matrix	Date	Time	C	G	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O	Remarks				
A	3-11-03	0933	X			SGW-BAY10				1	X				
		0956				SGW-OMILL329				1	X				
		1016				SGW-SWAN005				1	X				
		1125				SGW-TIDE003				1	X				
Relinquished by (Signature) <u>[Signature]</u> Date <u>3-13-03</u> Time <u>1033</u>															
Relinquished by (Signature) <u>[Signature]</u> Date <u>3-14-03</u> Time <u>0930</u>															
Relinquished by (Signature) <u>[Signature]</u> Date _____ Time _____															

SEVERN TRENT LABORATORIES, INC.
sTL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446 Tel 802 655 1203

Report to: Company: <u>WESTON SOLUTIONS, Inc.</u> Address: <u>1090 King Georges Post Rd.</u> <u>Suite 201</u> Contact: <u>SMITA Sumbaly</u> Phone: <u>(732) 225-6116</u> Fax: <u>(732) 225-7037</u> Contract/ P.O. # <u>0037853</u> Quote: <u>REP# 3304</u>				Invoice to: Company: _____ Address: _____ Contact: _____ Phone: _____ Fax: _____				ANALYSIS REQUESTED Temp. of coolers when received (C): <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">1</td> <td style="width:20%;">2</td> <td style="width:20%;">3</td> <td style="width:20%;">4</td> <td style="width:20%;">5</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> Custody Seal N / Y Intact N / Y Screened For Radioactivity ☐				1	2	3	4	5						Lab Use Only Due Date: _____ Temp. of coolers when received (C): <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">1</td> <td style="width:20%;">2</td> <td style="width:20%;">3</td> <td style="width:20%;">4</td> <td style="width:20%;">5</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> Custody Seal N / Y Intact N / Y Screened For Radioactivity ☐				1	2	3	4	5					
1	2	3	4	5																															
1	2	3	4	5																															
VOA BY METHOD TO-15																																			
Project No		Project Name		No./Type of Containers		Sampler's Signature 																													
Matrix	Date	Time	C O M P	G I D B	Identifying Marks of Sample(s)	VOA	A/G 1 Lt.	250 ml	P/O																										
A	3-11-03	1700	X		SGW - HIGH 033				1																										
	3-12-03	1701			SGW - BAY 020																														
	3-13-03	0918			SGW - WATER 008																														
Relinquished by (Signature) 		Date 3/13/03		Time 1035		Received by (Signature) Fed Ex		Date 3/13/03		Time 1035																									
Relinquished by (Signature) 		Date 3/14/03		Time 0930		Received by (Signature) 		Date 3/14/03		Time 0930																									
Relinquished by (Signature) 		Date 3/14/03		Time 0930		Received by (Signature) 		Date 3/14/03		Time 0930																									

Client's delivery of samples constitutes acceptance of Severn Trent Laboratory terms and conditions contained in the Price Schedule.

Matrix: WW - Wastewater
 Container: VOA - 40 ml vial

W: Water
 A/G: Amber / Or Glass 1 Liter

S: Soil
 250 ml - Glass wide mouth

L: Liquid
 A: Air bag

C: Charcoal
 P/O: Plastic or other

SL: Sludge
 O: Oil
 SUMMA Container

STL cannot

SCDHS Sanitary Post-Excavation Sampling Data

ACQUISITION OF THE ENGLISH LANGUAGE

COUNTY OF SUFFOLK



ROBERT J. GAFFNEY
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

CLARE B. BRADLEY, M.D., M.P.H.
COMMISSIONER

September 12, 2000

Mr. Do Sok So
Gene's French Cleaners
256 Lake Avenue
St. James, NY 11780

Mr. Alvin Krauss
Lake Avenue Associates
P.O. Box 31
Albertson, NY 11507

Re: 256 Lake Avenue, St. James

Gentlemen

I have received the results of the analyses of samples that were taken following the April 6, 2000 remediation of the sanitary leaching system at your facility. The sample analyses reports have been reviewed and indicate that no further remediation of the sanitary system is required by this department at this time.

The records of this department indicate that the material removed during the remediation has been removed from your facility and properly disposed of at a licensed facility. Therefore, the department is considering this matter closed.

If you have any questions concerning these matters, please feel free to contact me at 516-854-2533.

Sincerely,

Walter T. Petrule
Senior Public Health Sanitarian
Bureau of Inspection Services

cc: Mr. Steve Plofker, RGM

**"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"**

NYSDOH ELAP# 11693

1 of 2 pages

April 14, 2000

RGM
Steve Plofker
972 Nicolls Road
Deer Park, New York, 11729

Re:

Dear Mr. Plofker:

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received on April 10, 2000. Long Island Analytical Laboratories analyzed the samples on April 11, 2000 for the following:

CLIENT ID	ANALYSIS
End-point {Sani-pool}	Total Toluene

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

2-b.

35

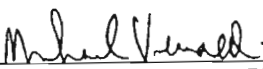
2 of 2 pages

Client: RGM	Client ID: French Cleaners, St. James (End-point (Sani-pool))
Date received: 4/10/00	Laboratory ID: 0012116
Date extracted: 4/11/00	Matrix: Soil
Date analyzed: 4/11/00	ELAP #: 11693

TOTAL TOLUENE ANALYSIS

Parameter	CAS No.	Results ug/kg
TOLUENE	108-88-3	<5

EPA Method 8260


Laboratory Director



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

101-4 Collin Drive • Holbrook, New York 11741

"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

THIS AMOUNT DUE UPON RECEIPT: \$110.00
To Long Island Analytical Laboratories, Inc.

Terms and conditions: All accounts are payable in full within 30 days, outstanding balances will accrue service charges of 1.5% per month.

3



COASTAL
ENVIRONMENTAL
TECHNOLOGIES, LTD.

August 10, 1998

Mr. Walter Petruele
Suffolk County Department of Health Services
15 Horseblock Place
Farmingville, NY 11738-1220

Re: St. James Cleaners 
561 Lake Avenue, St. James, NY

Dear Mr. Petruele:

Coastal Environmental is submitting the end point sample results for the above referenced site. Upon review of the analysis it is our determination that the project has been satisfactorily completed and the leaching pools located at this site do not require additional remediation. Please forward to us any recommendations concerning this site.

If there are any questions concerning this matter, please contact me immediately.

Sincerely,



Richard C. Silva, Jr
Project Manager

/Attach

cc: St. James Cleaners
Dr. Gillespie, DDS
A. Calagna

A FULL SERVICE
ENVIRONMENTAL COMPANY
24 HOUR EMERGENCY RESPONSE

1600 New Highway • Farmingdale, NY 11735
516-420-3800 • Fax 516-420-0272

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - SCDOH - RCRA Metals

07/28/98

Project

St. James Cleaners
561 Lake Avenue
St. James, NY
Manager: R. Silva

Custody Document F6038

Received: 07/15/98 1:00 PM
Sampled by: L. Rivas
Job Number:

Sample 1

Custody: F6038
Collected: 07/09/98 2:00 PM
Location: Overflow Cesspool
Remarks:

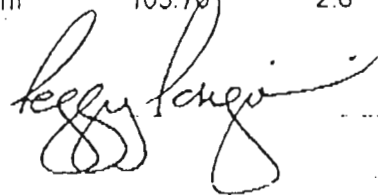
Type: Grab
Matrix: Soil

Analysis Information

Analyzed: 07/23/98
Remarks:

<u>Analyte</u>	<u>Concentration</u>	<u>Units</u>	<u>Dilution</u>	<u>MDL</u>	<u>Units</u>
Arsenic	<0.8	ppm	105.70	0.8	ppm
Cadmium	<0.3	ppm	105.70	0.3	ppm
Chromium	3.49	ppm	105.70	0.8	ppm
Lead	2.11	ppm	105.70	0.2	ppm
Iron	2250	ppm	105.70	5.3	ppm
Silver	3.81	ppm	105.70	0.8	ppm
Manganese	20.5	ppm	105.70	1.1	ppm
Copper	9.20	ppm	105.70	1.6	ppm
Zinc	9.30	ppm	105.70	1.6	ppm
Nickel	<2.6	ppm	105.70	2.6	ppm

Reviewed by:

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank, NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale, NY 11735 - Fax: 516-249-8344 - Phone: 516-249-1456

ANALYSIS REPORT - UIC Volatiles by EPA 8260

07/28/98

Project

St. James Cleaners
561 Lake Avenue
St. James, NY
Manager: R. Silva

Custody Document F6038

Received: 07/15/98 1:00 PM
Sampled by: L. Rivas
Job Number:

Sample 1

Custody: F6038
Collected: 07/09/98 2:00 PM
Location: Overflow Cesspool
Remarks:

Type: Grab
Matrix: Soil

Analysis Information

Analyzed: 07/23/98
Remarks: See Case Narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dichlorodifluoromethane	<0.67	ppb	1.04	0.67	ppb
Chloromethane	<0.35	ppb	1.04	0.35	ppb
Vinyl Chloride	<0.62	ppb	1.04	0.62	ppb
Bromomethane	<0.41	ppb	1.04	0.41	ppb
Chloroethane	<0.2	ppb	1.04	0.2	ppb
Trichlorofluoromethane	<0.11	ppb	1.04	0.11	ppb
1,1,2-Trichlorotrifluoroethane	<0.59	ppb	1.04	0.59	ppb
Acetone	<11.4	ppb	1.04	11.4	ppb
1,1-Dichloroethene	<0.22	ppb	1.04	0.22	ppb
Methylene Chloride	<0.61	ppb	1.04	0.61	ppb
1,1,2-Dichloroethene	<0.43	ppb	1.04	0.43	ppb
1,1-Dichloroethane	<0.17	ppb	1.04	0.17	ppb
2,2-Dichloropropane	<0.24	ppb	1.04	0.24	ppb
c-1,2-Dichloroethene	<0.52	ppb	1.04	0.52	ppb
Chloroform	<0.18	ppb	1.04	0.18	ppb
Bromochloromethane	<0.26	ppb	1.04	0.26	ppb
1,1,1-Trichloroethane	<0.29	ppb	1.04	0.29	ppb
1,1-Dichloropropene	<0.41	ppb	1.04	0.41	ppb
Carbon Tetrachloride	<0.28	ppb	1.04	0.28	ppb
1,2-Dichloroethane	<0.31	ppb	1.04	0.31	ppb
Benzene	<0.29	ppb	1.04	0.29	ppb
Trichloroethene	<0.31	ppb	1.04	0.31	ppb
1,2-Dichloropropane	<0.19	ppb	1.04	0.19	ppb
Bromodichloromethane	<0.2	ppb	1.04	0.2	ppb
2-Chloroethylvinylether	<31.1	ppb	1.04	31.1	ppb
Dibromomethane	<0.55	ppb	1.04	0.55	ppb
c-1,3-Dichloropropene	<0.26	ppb	1.04	0.26	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - UIC Volatiles by EPA 8260

07/28/98

Project

St. James Cleaners
551 Lake Avenue
St. James, NY
Manager: R. Silva

Custody Document F6038

Received: 07/15/98 1:00 PM
Sampled by: L. Rivas
Job Number:

Sample 1 (continued)

Custody: F6038
Collected: 07/09/98 2:00 PM
Location: Overflow Cesspool
Remarks:

Type: Grab
Matrix: Soil

Analysis Information

Analyzed: 07/23/98
Remarks: See Case Narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Toluene	<0.34	ppb	1.04	0.34	ppb
t-1,3-Dichloropropene	<0.43	ppb	1.04	0.43	ppb
1,1,2-Trichloroethane	<0.51	ppb	1.04	0.51	ppb
1,2-Dibromoethane	<0.52	ppb	1.04	0.52	ppb
1,3-Dichloropropane	<0.49	ppb	1.04	0.49	ppb
Tetrachloroethene	138	ppb	1.04	0.29	ppb
Dibromochloromethane	<0.3	ppb	1.04	0.3	ppb
Chlorobenzene	<0.3	ppb	1.04	0.3	ppb
1,1,1,2-Tetrachloroethane	<0.33	ppb	1.04	0.33	ppb
Ethylbenzene	<0.35	ppb	1.04	0.35	ppb
m,p-xylene	<0.66	ppb	1.04	0.66	ppb
o-xylene	<0.29	ppb	1.04	0.29	ppb
Styrene	<0.3	ppb	1.04	0.3	ppb
Bromoform	<0.5	ppb	1.04	0.5	ppb
Isopropylbenzene	<0.27	ppb	1.04	0.27	ppb
1,1,2,2-Tetrachloroethane	<0.52	ppb	1.04	0.52	ppb
1,2,3-Trichloropropane	<0.46	ppb	1.04	0.46	ppb
n-Propylbenzene	<0.43	ppb	1.04	0.43	ppb
Bromobenzene	<0.46	ppb	1.04	0.46	ppb
1,3,5-Trimethylbenzene	<0.31	ppb	1.04	0.31	ppb
2-Chlorotoluene	<0.27	ppb	1.04	0.27	ppb
4-Chlorotoluene	<0.35	ppb	1.04	0.35	ppb
p-Isopropyltoluene	<0.37	ppb	1.04	0.37	ppb
1,2,4-Trimethylbenzene	<0.34	ppb	1.04	0.34	ppb
sec-Butylbenzene	<0.37	ppb	1.04	0.37	ppb
tert-Butylbenzene	<0.54	ppb	1.04	0.54	ppb
1,3-Dichlorobenzene	<0.33	ppb	1.04	0.33	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Member



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - UIC Volatiles by EPA 8260

07/28/98

Project

St. James Cleaners
561 Lake Avenue
St. James, NY
Manager: R. Silva

Custody Document F6038

Received: 07/15/98 1:00 PM
Sampled by: L. Rivas
Job Number:

Sample 1 (continued)

Custody: F6038
Collected: 07/09/98 2:00 PM
Location: Overflow Cesspool
Remarks:

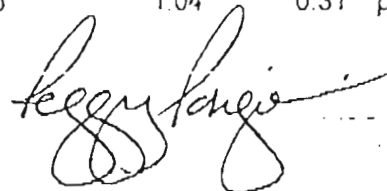
Type: Grab
Matrix: Soil

Analysis Information

Analyzed: 07/23/98
Remarks: See Case Narrative

<u>Analyte</u>	<u>Concentration</u>	<u>Units</u>	<u>Dilution</u>	<u>MDL</u>	<u>Units</u>
1,4-Dichlorobenzene	<0.29	ppb	1.04	0.29	ppb
n-Butylbenzene	<0.41	ppb	1.04	0.41	ppb
1,2-Dichlorobenzene	<0.28	ppb	1.04	0.28	ppb
p-Ethyltoluene	<0.45	ppb	1.04	0.45	ppb
p-Diethylbenzene	<0.34	ppb	1.04	0.34	ppb
1,2,4,5-Tetramethylbenzene	<0.32	ppb	1.04	0.32	ppb
1,2-Dibromo-3-chloropropane	<0.75	ppb	1.04	0.75	ppb
1,2,4-Trichlorobenzene	<0.43	ppb	1.04	0.43	ppb
Hexachlorobutadiene	<0.36	ppb	1.04	0.36	ppb
Naphthalene	<0.57	ppb	1.04	0.57	ppb
1,2,3-Trichlorobenzene	<0.31	ppb	1.04	0.31	ppb

Reviewed by:



ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Member

 The Tyree Organization

Septic tank & leaching pool

FILE REF. NO. : 8-14357

FAC. ID. NO. :

CLEANUP INSPECTION FORM
SUFFOLK COUNTY DEPT. OF HEALTH SERVICES
INDUSTRIAL WASTE & HAZARDOUS MATERIALS CONTROL
15 HORSEBLOCK PL., FARMINGVILLE, NY 11738

Dentist Janice Gillespie
Landlord Anthony Calagna

NAME OF FACILITY	St. James Cleaners	OWNER/OFFICER	PAGE 1 OF 1
COMPANY NAME		CONTACT Kaps Choi	TEL. 584-9549
PLANT ADDRESS	561 LAKE AVE	VILLAGE St. James	TOWN Smithtown
			ZIP 11780
DATE	7/9/98	TIME	11:00 a.m.

STORM DRAIN	SANITARY CESSPOOL	SEPTIC TANK	SOIL EXCAVATION	OTHER
NAME OF CONTRACTOR	COASTAL / MEG	CONTACT	Rick Silva	TEL. 420-3800
LICENSE NUMBER	NYS 1A-041	EPA NUMBER		
TRUCK LICENSE NUMBER	PD1272	TRAILER LICENSE NUMBER	N/A	

DESTINATION POINT R6m -> 7 (liquid) to R6m

NECESSARY EQUIPMENT?	YES	NO	UNSAFE PROCEDURES NOTED?	YES	NO
LIQUIDS REMOVED	3500	GALS.	SOLIDS REMOVED	18	DRUMS/YARDS

PRESSURE WASHING OK? YES NO

CONDITION OF REMAINING SOILS	VISUALLY CLEAN?	YES	NO
SAMPLES OBTAINED?	ODOROUS?	YES	NO
MANIFEST REQUIRED?	SOIL BORINGS?	YES	NO
	BY WHOM?	COASTAL	

BILL OF LADING?	YES	NO	COPY ATTACHED?	YES	NO

SOIL/SLUDGE STORAGE COMPLIANCE?	YES	NO	COPY ATTACHED?	YES	NO

CLEANUP STATUS	() COMPLETED	() ADD'L WORK REQUIRED	() SAMPLE RESULTS PENDING

COMMENTS: (Use add'l sheet if necessary)

cleared 2ft below ring
cesspool is being backfilled with clean sand with the understanding that it will be removed if endpoints come back high.

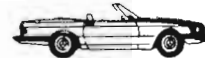
SIGN. OF PERSON REC. REPORT: INSPECTOR: Willy Spenta

This was discussed with the Landlord
Mr. Calagna & Rick Silva

862-9617
584-5253
FAX: 862-7837

R 7031598

4



621 LAKE AVENUE, ST. JAMES, NEW YORK 11780

December 2, 1998

Department Of Health Services
Mr. Walter Petruele
15 Horseblock Place
Farmingville, N.Y.

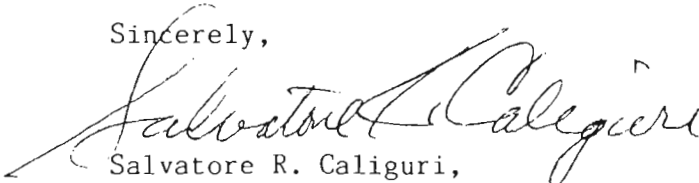
Re: Remediation at 621 Lake Ave., St. James

Dear Mr. Petruele,

As per your request enclosed is a copy of the manifest and disposal receipts, demonstrating the proper disposal of the material.

If you have any further questions, please feel free to contact me.

Sincerely,


Salvatore R. Caliguri,
Owner

enc

Bottle # 10-5-11

FILE REF. NO. : 8-249

FAC. ID. NO. :

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL-LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC & ENVIRONMENTAL HEALTH LABORATORY
NYSDOH LAB ID. NUMBER 10528

Date OCT 27 1
Received from Lab
E. Curcio, P.H. San.

SAMPLING ANALYSIS REQUEST/CHAIN OF CUSTODY

Field Number: 1WP10-20 Laboratory Number I W 1098073
Collected By: Walter Petrucci Assisted By: N/A
Affiliation: SCDH Date: 10-20-98 Time: 10:50am
Facility/Name Sal's Auto Body
Location: 621 Lake Ave, St. James
Point of Collection: Sanitary Pool
Remarks: End point

Analysis Requested (By Department)

Air Pollution

☒ Volatile Organic Hydrocarbons
☐ Asbestos (Bulk)

Hazardous Materials (Organics)

☐ Purgeable Halocarbons 1 (EPA 8260)
☐ Purgeable Halocarbons 2/ Aromatic Hydrocarbons (EPA 8260)
Preservation ☐ HCl ☐ Cooled to 4°C
Level of Detection ☐ 40 ppb ☐ 4 ppb
☐ Flash Point (EPA 1010)
☐ Pesticides
Specify Type: _____
☐ TCLP
☐ Other _____

Industrial Waste (Inorganics)

☐ Metals ☐ Preserved
☐ Chromium (Hexavalent)
☐ E P Toxicity
☐ TCLP
☐ Phenols
☐ Cyanide ☐ Preserved
☐ Chloride, Sulfate
☐ Fluoride
☐ Ammonia, Nitrate, Nitrite
☐ T K N
☐ Solids (SS, DS, TS)
☐ M B A S, C O D
☐ T O C
☐ Oil & Grease
☐ pH Indicate Field pH: _____

Total Number of Sample Containers Submitted 1

Custody Section

Relinquished By:

Name Walter Petrucci

Date 10-20-98

Signature _____

Time 11:45

Received By:

Name R. Hultine

Date 10/20/98

Signature R. Hultine

Time 11:45

Name _____

Date _____

Name _____

Date _____

Signature _____

Time _____

Signature _____

Time _____

Name _____

Date _____

Name _____

Date _____

Signature _____

Time _____

Signature _____

Time _____

SUTCLIFF COUNTY DEPARTMENT OF HEALTH SERVICES
CENTER FOR FORENSIC SCIENCES
PUBLIC & ENVIRONMENTAL HEALTH LABORATORY
NYSDOH LAB ID. NUMBER 10528

Date OCT 21
Received from Lab
E. Curcio, P.H. Sci

ORGANIC & FLASHPOINT ANALYSIS OF INDUSTRIAL & HAZARDOUS MATERIALS

Lab. No. IW 1098073
Field No. 1WP 10-20
Name Sid's Auto Body 621 Lake Ave, ST. James
Remarks Sanitary pool - rnd pt

Date Completed 10/22/98
EPA Method 8260/1010/

Compound	ppb
*Indicates 597 Compounds	
☒ Purgeable Halocarbons 2/Aromatics	
*1,1 - Dichloroethene.....	
*Methylene Chloride.....	
*Freon 113.....	
(Trichlorotrifluoroethane)	
*trans-1,2-Dichloroethene....	
*1,1-Dichloroethane.....	
*cis-1,2 Dichloroethene.....	
*Bromochloromethane.....	
*Chloroform.....	
2,2-Dichloropropane.....	
*1,2-Dichloroethane.....	<u><100</u>
*1,1,1-Trichloroethane.....	
1,1-Dichloropropene.....	
*Carbon Tetrachloride.....	
*Dibromomethane.....	
*1,2-Dichloropropane.....	
*Bromodichloromethane.....	
(Dichlorobromomethane)	
*Trichloroethene.....	
*cis-1,3-Dichloropropene.....	
*trans-1,3-Dichloropropene...	
*1,1,2-Trichloroethane.....	
*1,3-Dichloropropane.....	
*Dibromochloromethane.....	
(Chlorodibromomethane)	
*1,2-Dibromoethane.....	
*Tetrachloroethene.....	
*1,1,1,2-Tetrachloroethane...	
*Bromoform.....	
*1,1,2,2-Tetrachloroethane...	
1,2,3-Trichloropropane.....	
*1,2-Dibromo-3-chloropropane.	
*Hexachlorobutadiene.....	
*Acetone.....	<u><500</u>
*Methyl ethyl ketone.....	<u><500</u>
*Methyl isobutyl ketone.....	<u><500</u>

tert-Butyl methyl ether.....	
*Benzene.....	
*Toluene.....	
*Chlorobenzene.....	
*Ethylbenzene.....	
*Xylene(s).....	
*Styrene.....	
*Isopropylbenzene.....	
Bromobenzene.....	
Chlorotoluene(s).....	
n-Propylbenzene.....	
p-Ethyltoluene.....	
1,3,5-Trimethylbenzene.....	
tert-Butylbenzene.....	
1,2,4-Trimethylbenzene.....	
*1,3-Dichlorobenzene.....	
*1,4-Dichlorobenzene.....	
sec-Butylbenzene.....	
p-Isopropyltoluene.....	
*1,2-Dichlorobenzene.....	
n-Butylbenzene.....	
p-Diethylbenzene.....	
1,2,4,5-Tetramethylbenzene...	
*1,2,4-Trichlorobenzene.....	
*Naphthalene.....	
1,2,3-Trichlorobenzene.....	
[] Purgeable Halocarbons 1	
*Chlorodifluoromethane.....	
*Dichlorodifluoromethane.....	
*Trichlorofluoromethane.....	
*Vinyl Chloride.....	
*Chloromethane.....	
(Methyl Chloride)	
Bromomethane.....	
(Methyl Bromide)	
Chloroethane.....	
[] Miscellaneous	
*Vinyl acetate.....	
*2-Chloroethyl vinyl ether...	

RESULTS ARE <40ppb FOR PURGEABLE
HALOCARBONS 2/AROMATICS
EXCEPT WHERE NOTED.

Analyst KCTD

[] Flash Point

Pensky-Martens Closed Cup Flash Point _____ °C = _____ °F

Analyst _____

COUNTY OF SUFFOLK



ROBERT J. GAFFNEY
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

CLARE B. BRADLEY, M.D., M.P.H.
ACTING COMMISSIONER

March 11, 1998

Mr. John Costanza
Polo French Cleaners
556 North Country Road
St. James, NY 11780

Green Hills Realty Corp.
555 Broadhollow Road
Melville, NY 11747

Re: 556 North Country Road, Saint James

Gentlemen,

This office is in receipt of the analyses of the sample which was taken after the January 27, 1998 remediation of the septic system at your facility. The results have been reviewed and indicate that no further remediation is required by this office at this time.

The records of the department indicate that the material removed during the remediation has been removed from the site and properly disposed of at a permitted facility. Therefore, this office will be requiring no further action on this matter.

If you have any questions, you may call me at (516) 854-2533. Thank you for your cooperation.

Very truly yours,

Walter T. Petruele
Senior Public Health Sanitarian
Environmental Engineering Pollution Control

cc: Mike Rosati, AB Oil Service

TEL: (516) 567-6545
FAX: (516) 567-9390

N.Y.S.D.E.C. 1A-002
EPA NYD98702 1

AB Oil Service Ltd.

FOR ALL YOUR ENVIRONMENTAL NEEDS

1599 OCEAN AVENUE • BOHEMIA, NEW YORK 11716

TO: Walter Petrucchio C/O: SCS/HS

FAX #: 854-2505 TEL. #: 854-2533

DATE: 3/10/98 TIME: _____

FROM: Michael Rosati COMPANY/ POSITION _____

OF PAGES: 3
(INCLUDING THIS ONE)

COMMENTS: Walter

here are the endpoint
results and disposal manifest
for Polo French Cleaners.

Any questions please call

CONFIDENTIALITY NOTE:

The documents accompanying this telecopy are of confidential nature intended only for the use of the individual or entity identified in the transmission sheet. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or taking of any action in reliance on the contents of this telecopied information is strictly prohibited, and the documents should be returned to this office immediately.

Client: AB Oil	Client ID: Polo Cleaners LP Polo
Date received: 1/27/98	Laboratory ID: 9810441
Date extracted: 1/27/98	Matrix: Soil
Date analyzed: 1/27/98	Contractor: 11418

S.C.D.H. VOLATILES

PARAMETER	CAS No.	RESULTS ug/kg
ISOPROPYLBENZENE	98-82-8	<10
BROMOBENZENE	108-86-1	<10
1,1,2,2-TETRACHLOROETHANE	79-34-5	<10
1,2,3-TRICHLOROPROPANE	96-18-4	<10
n-PROPYLBENZENE	103-65-1	11
2-CHLOROTOLUENE	95-49-8	<10
4-CHLOROTOLUENE	106-43-4	<10
1,3,5-TRIMETHYLBENZENE	108-67-8	47
tert-BUTYLBENZENE	98-06-6	<10
1,2,4-TRIMETHYLBENZENE	95-63-6	50
sec-BUTYLBENZENE	135-98-8	<10
1,3-DICHLOROBENZENE	541-73-1	<10
P-ISOPROPYLTOLUENE	99-87-6	170
1,4-DICHLOROBENZENE	106-46-7	<10
1,2-DICHLOROBENZENE	95-50-1	24
n-BUTYLBENZENE	104-51-8	<10
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	<10
1,2,4-TRICHLOROBENZENE	120-82-1	<10
HEXACHLOROBUTADIENE	87-68-3	<10
NAPHTHALENE	91-20-3	<10
1,2,3-TRICHLOROBENZENE	87-61-6	<10
2-CHLOROETHYL VINYL ETHER	110-75-8	<10
FREON 113	76-13-1	<10
p-DIETHYLBENZENE	105-05-5	269
p-ETHYLTOLUENE	622-96-8	46
1,2,4,5-TETRAMETHYLBENZENE	95-93-2	<10
ACETONE	67-64-1	108
CHLORODIFLUOROMETHANE	75-45-6	<10
METHYL ETHYL KETONE	78-93-3	<10
METHYL ISOBUTYL KETONE	108-10-1	<10
XYLENES, Total	1330-20-7	<30

*MDL's are raised due to high levels of target compounds and matrix interference.



Laboratory Director

Client: AB Oil	Client ID: Polo Cleaners LP Polo
Date received: 1/27/98	Laboratory ID: 9810441
Date extracted: 1/27/98	Matrix: Soil
Date analyzed: 1/27/98	Contractor: 11418

S.C.D.H. VOLATILES

PARAMETER	CAS No.	RESULTS ug/kg
DICHLORODIFLUOROMETHANE	75-71-8	<10
CHLOROMETHANE	74-87-3	<10
VINYL CHLORIDE	75-01-4	<10
BROMOMETHANE	74-83-9	<10
CHLOROETHANE	75-00-3	<10
TRICHLOROFLUOROMETHANE	75-69-4	<10
1,1-DICHLOROETHENE	75-35-4	<10
METHYLENE CHLORIDE	75-09-2	<10
trans-1,2-DICHLOROETHENE	156-60-5	<10
1,1-DICHLOROETHANE	75-34-3	<10
2,2-DICHLOROPROPANE	594-20-7	<10
cis-1,2-DICHLOROETHENE	156-59-2	66
BROMOCHLOROMETHANE	74-97-5	<10
CHLOROFORM	67-66-3	<10
1,1,1-TRICHLOROETHANE	71-55-6	<10
CARBON TETRACHLORIDE	56-23-5	<10
1,1-DICHLOROPROPENE	563-58-6	<10
BENZENE	71-43-2	<10
1,2-DICHLOROETHANE	107-06-2	<10
TRICHLOROETHENE	79-01-6	<10
1,2-DICHLOROPROPANE	78-87-5	<10
DIBROMOMETHANE	74-95-3	<10
BROMODICHLOROMETHANE	75-27-4	<10
cis-1,3-DICHLOROPROPENE	10061-01-5	<10
TOLUENE	108-88-3	35
trans-1,3-DICHLOROPROPENE	10061-02-6	<10
1,1,2-TRICHLOROETHANE	79-00-5	<10
TETRACHLOROETHYLENE	127-18-4	<10
1,3-DICHLOROPROPANE	142-28-9	<10
DIBROMOCHLOROMETHANE	124-48-1	<10
1,2-DIBROMOETHANE	106-93-4	<10
CHLOROBENZENE	108-90-7	<10
1,1,1,2-TETRACHLOROETHANE	630-20-6	<10
ETHYLBENZENE	100-41-4	<10
STYRENE	100-42-5	<10
BROMOFORM	75-25-2	<10

*MDL's are raised due to high levels of target compounds and matrix interference.

FILE REF. NO. : 8-4601

FAC. ID. NO. : _____

CLEANUP INSPECTION FORM
SUFFOLK COUNTY DEPT. OF HEALTH SERVICES
INDUSTRIAL WASTE & HAZARDOUS MATERIALS CONTROL
15 HORSEBLOCK PL., FARMINGVILLE, NY 11738

NAME OF FACILITY <u>Polo French</u>		OWNER/OFFICER	PAGE <u>1</u> OF <u>2</u>
COMPANY NAME		CONTACT <u>John Costanza</u>	TEL. <u>862-8362</u>
PLANT <u>56 North Country rd</u>	VILLAGE <u>St. James</u>	TOWN <u>Smithtown</u>	ZIP <u>11780</u>
ADDRESS			
DATE <u>1/26/48</u>	TIME <u>1:45 P.M.</u>		
STORM DRAIN SANITARY CESSPOOL <u>SEPTIC TANK</u> SOIL EXCAVATION OTHER			
NAME OF CONTRACTOR <u>Long Island / A.B.</u>		CONTACT <u>Mike Rosati</u>	TEL. <u>567-6545</u>
LICENSE NUMBER		EPA NUMBER	
TRUCK LICENSE NUMBER		TRAILER LICENSE NUMBER	
DESTINATION POINT <u>Liquid Bergen Pt</u> <u>Sludge -> 7</u>			
NECESSARY EQUIPMENT? <u>YES</u> NO		UNSAFE PROCEDURES NOTED? YES <u>NO</u>	
LIQUIDS REMOVED <u>3500</u> GALS. <u>total</u>		SOLIDS REMOVED <u>15</u> DRUMS/YARDS	
PRESSURE WASHING OK? <u>YES</u> NO		<u>in 30yd over-site</u>	
CONDITION OF REMAINING SOILS <u>N/A</u>		VISUALLY CLEAN? YES NO	
SAMPLES OBTAINED? <u>N/A</u> YES NO		ODOROUS? YES NO	
MANIFEST REQUIRED? <u>N/A</u> <u>YES</u> NO		SOIL BORINGS? YES NO	
		BY WHOM?	
BILL OF LADING? <u>YES</u> NO		COPY ATTACHED? YES NO	
SOIL/SLUDGE STORAGE COMPLIANCE? YES <u>NO</u>		COPY ATTACHED? YES <u>NO</u>	
CLEANUP STATUS <u>(X) COMPLETED</u> () ADD'L WORK REQUIRED		(X) SAMPLE RESULTS PENDING	
COMMENTS: (Use add'l sheet if necessary)			

SIGN. OF PERSON
REC. REPORT:

INSPECTOR: Willie J. Speck

COUNTY OF SUFFOLK



ROBERT J. GAFFNEY
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

CLARE B. BRADLEY, M.D., M.P.H.
COMMISSIONER

April 21, 1999

Mr. John Malloy
Smithtown Central School District
Administrative Center
Edgewood Avenue
St. James, NY 11780

Re: Remediation at the Administrative Center

Dear Mr. Malloy,

I have received the results of the analyses of samples that were taken following the March 5-8, 1999 remediation of the sanitary system at your facility. Three samples were taken in order to determine the success of the remediation: a bottom sample from the east pool "A", a sample from the side wall from the east pool "A" and a bottom sample from the west pool "B". The analyses reports have been reviewed and indicate that the presence of hydrocarbons similar to those found in a petroleum distillate in the bottom of the west pool "B". Since these compounds could not be either qualified or quantified and since no appreciable levels of other compounds were found, this department will be requiring no further remediation of the sanitary system at this time.

The records of this department indicate that the material removed during the remediation has been removed from your facility. Please send me copies of the disposal receipts for inclusion in the department's records.

If you have any questions concerning these matters, please feel free to contact me at 516-854-2533.

Sincerely,

Walter T. Petrule
Senior Public Health Sanitarian
Bureau of Inspection Services

cc: Mr. Martin Trent, SCDHS
Mr. Paul Ponturo, SCDHS
Mr. John Swartwout, NYSDEC
Mr. Sayed Quadri, USEPA

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF ENVIRONMENTAL QUALITY
PUBLIC & ENVIRONMENTAL HEALTH LABORATORY
NYSDOH LAB ID. NUMBER 10528

Date MAR 23 1999
Received from Lab
E. Curcio, P.H. Sar

FILE REF. NO. : 8-12406

LAB ID NO. : SAMPLING ANALYSIS REQUEST/CHAIN OF CUSTODY

Field Number: 2-WS-3-8 Laboratory Number I W 399046
Collected By: W. Skeats Assisted By: _____
Affiliation: SCDHS Date: 3/8/99 Time: 11:35
Facility/Name: Smithtown Central Administration
Location: Edge WOOD AVE St. James
Point of Collection: EAST pool A
Remarks: End point sample North sidewalk
Soil only

Analysis Requested (By Department)

Air Pollution

- ☐ Volatile Organic Hydrocarbons
☐ Asbestos (Bulk)

Hazardous Materials (Organics)

- ☐ Purgeable Halocarbons 1 (EPA 8260)
☒ Purgeable Halocarbons 2/ Aromatic
Hydrocarbons (EPA 8260)

Preservation ☒ HCL ☐ Cooled to 4° C

Level of Detection ☐ 40 ppb ☒ 4 ppb

☐ Flash Point (EPA 1010)

☐ Pesticides

Specify Type: _____

☐ TCLP

☐ Other _____

Industrial Waste (Inorganics)

☐ Metals ☐ Preserved

☐ Chromium (Hexavalent)

☐ E P Toxicity

☐ TCLP

☐ Phenols

☐ Cyanide ☐ Preserved

☐ Chloride, Sulfate

☐ Fluoride

☐ Ammonia, Nitrate, Nitrite

☐ T K N

☐ Solids (SS, DS, TS)

☐ M B A S, C O D

☐ T O C

☐ Oil & Grease

☐ ph Indicate Field pH: _____

Total Number of Sample Containers Submitted 1

Custody Section

Relinquished By:

Name William J. Skeats Date 3/8/99
Signature [Signature] Time 3:40

Received By:

Name Scott M. [Signature] Date 3/8/99
Signature [Signature] Time 3:40

Name _____ Date _____ Name _____ Date _____
Signature _____ Time _____ Signature _____ Time _____

Name _____ Date _____ Name _____ Date _____
Signature _____ Time _____ Signature _____ Time _____

Date MAR 23 1964
Received from Lab
E. Curcio, P.H. San.

Lab. No. IW 399046
Field No. 2633-8
Name Smithsonian Central Government
Remarks

EPA Method (8260/1010/

pool - end pt.

RESULTS ARE <40ppb FOR PURGEABLE
HALOCARBONS 2/AROMATICS
EXCEPT WHERE NOTED.

Analyst

Pensky-Martens Closed Cup Flash Point _____ °C = _____ °F

Analyst

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF ENVIRONMENTAL QUALITY
PUBLIC & ENVIRONMENTAL HEALTH LABORATORY
NYSDOH LAB ID. NUMBER 10528

Date APR 05
Received from Lab
E. Curcio, P.H. San

FILE REF. NO. : 8-12406

FAC. ID. NO. : SAMPLING ANALYSIS REQUEST/CHAIN OF CUSTODY

Field Number: 1-WS-3-8 Laboratory Number I W 398045
Collected By: W. Skeats Assisted By: _____
Affiliation: SCDHS Date: 3/8/99 Time: 11:30
Facility/Name: Smithtown Central Administration
Location: EDGEWOOD AVE ST. JAMES
Point of Collection: EAST POOL AREA
Remarks: END point sample Bottom

Analysis Requested (By Department)

Air Pollution

- ☐ Volatile Organic Hydrocarbons
☐ Asbestos (Bulk)

Hazardous Materials (Organics)

- ☐ Purgeable Halocarbons 1 (EPA 8260)
☒ Purgeable Halocarbons 2/ Aromatic
Hydrocarbons (EPA 8260)
Preservation ☐ HCL ☒ Cooled to 4° C
Level of Detection ☐ 40 ppb ☒ 4 ppb
☐ Flash Point (EPA 1010)
☐ Pesticides
Specify Type: _____
☐ TCLP
☐ Other _____

Industrial Waste (Inorganics)

- ☐ Metals ☐ Preserved
☐ Chromium (Hexavalent)
☐ E P Toxicity
☐ TCLP
☐ Phenols
☐ Cyanide ☐ Preserved
☐ Chloride, Sulfate
☐ Fluoride
☐ Ammonia, Nitrate, Nitrite
☐ T K N
☐ Solids (SS, DS, TS)
☐ M B A S, C O D
☐ T O C
☐ Oil & Grease
☐ ph Indicate Field pH: _____

Total Number of Sample Containers Submitted 1

Custody Section

Relinquished By:

Name William J. Skeats Date 3/8/99
Signature William J. Skeats Time 3:40

Received By:

Name Scott Minich Date 3/8/99
Signature Scott Minich Time 3:40

Name _____ Date _____ Name _____ Date _____
Signature _____ Time _____ Signature _____ Time _____

Name _____ Date _____ Name _____ Date _____
Signature _____ Time _____ Signature _____ Time _____

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
CENTER FOR FORENSIC SCIENCES
PUBLIC & ENVIRONMENTAL HEALTH LABORATORY
NYSDOH LAB ID. NUMBER 10528

Date APR 05 1999
Received from Lab
E. Curcio, P.H. San.

ORGANIC & FLASHPOINT ANALYSIS OF INDUSTRIAL & HAZARDOUS MATERIALS

Lab. No. IW 399045
Field No. 1453-8
Name Smithtown Canal Administration
Remarks

Date Completed 4-2-99
EPA Method 8260/1010/
pool - end pt

Compound	ppb	Compound	ppb
*Indicates 597 Compounds			
[X] Purgeable Halocarbons 2/Aromatics			
*1,1 - Dichloroethene.....		tert-Butyl methyl ether.....	
*Methylene Chloride.....		*Benzene.....	
*Freon 113.....		*Toluene.....	
(Trichlorotrifluoroethane)		*Chlorobenzene.....	
*trans-1,2-Dichloroethene....		*Ethylbenzene.....	
*1,1-Dichloroethene.....		*Xylene(s).....	
*cis-1,2 Dichloroethene.....		*Styrene.....	
*Bromochloromethane.....		*Isopropylbenzene.....	
*Chloroform.....		Bromobenzene.....	
2,2-Dichloropropane.....		Chlorotoluene(s).....	
*1,2-Dichloroethane.....		n-Propylbenzene.....	
*1,1,1-Trichloroethane.....		p-Ethyltoluene.....	
1,1-Dichloropropene.....		1,3,5-Trimethylbenzene.....	
*Carbon Tetrachloride.....		tert-Butylbenzene.....	
*Dibromomethane.....		1,2,4-Trimethylbenzene.....	
*1,2-Dichloropropane.....		*1,3-Dichlorobenzene.....	
*Bromodichloromethane.....		*1,4-Dichlorobenzene.....	
(Dichlorobromomethane)		sec-Butylbenzene.....	
*Trichloroethene.....		p-Isopropyltoluene.....	
*cis-1,3-Dichloropropene....		*1,2-Dichlorobenzene.....	
*trans-1,3-Dichloropropene...		n-Butylbenzene.....	
*1,1,2-Trichloroethane.....		p-Diethylbenzene.....	
*1,3-Dichloropropane.....		1,2,4,5-Tetramethylbenzene...	
*Dibromochloromethane.....		*1,2,4-Trichlorobenzene.....	
(Chlorodibromomethane)		*Naphthalene.....	
*1,2-Dibromoethane.....		1,2,3-Trichlorobenzene.....	
*Tetrachloroethene.....		[] Purgeable Halocarbons 1	
*1,1,1,2-Tetrachloroethane...		*Chlorodifluoromethane.....	
*Bromoform.....		*Dichlorodifluoromethane....	
*1,1,2,2-Tetrachloroethane...		*Trichlorofluoromethane.....	
1,2,3-Trichloropropane.....		*Vinyl Chloride.....	
*1,2-Dibromo-3-chloropropane.		*Chloromethane.....	
*Hexachlorobutadiene.....		(Methyl Chloride)	
*Acetone.....	2500	Bromomethane.....	
*Methyl ethyl ketone.....	2500	(Methyl Bromide)	
*Methyl isobutyl ketone.....	2500	Chloroethane.....	
		[] Miscellaneous	
		*Vinyl acetate.....	
		*2-Chloroethyl vinyl ether...	

RESULTS ARE <40ppb FOR PURGEABLE
HALOCARBONS 2/AROMATICS
EXCEPT WHERE NOTED.

Analyst Spa

[] Flash Point

Pensky-Martens Closed Cup Flash Point _____ °C= _____ °F

Analyst _____

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF ENVIRONMENTAL QUALITY
PUBLIC & ENVIRONMENTAL HEALTH LABORATORY
NYSDOH LAB ID. NUMBER 10528

Date APR 0
Received from L
E. Curcio, P.H.S.

FILE REF. NO. : 8-12406

FAC/ID. NO. : _____

SAMPLING ANALYSIS REQUEST/CHAIN OF CUSTODY

Field Number: 1-WS-3-5 Laboratory Number I W 399 043
Collected By: W. Skeats Assisted By: _____
Affiliation: SCDHS Date: 3/5/99 Time: 2:15
Facility/Name: Smithtown Central Administration
Location: Edgewood Ave St. James
Point of Collection: removal of cesspool
Remarks: west pool B Endpoint
2-16-17

Analysis Requested (By Department)

Air Pollution

- ☐ Volatile Organic Hydrocarbons
☐ Asbestos (Bulk)

Hazardous Materials (Organics)

- ☐ Purgeable Halocarbons 1 (EPA 8260)
☒ Purgeable Halocarbons 2/ Aromatic
Hydrocarbons (EPA 8260)
Preservation ☐ HCL ☐ Cooled to 4°C
Level of Detection ☒ 40 ppb ☒ 4 ppb
☐ Flash Point (EPA 1010)
☐ Pesticides
Specify Type: _____
☐ TCLP
☐ Other _____

Industrial Waste (Inorganics)

- ☐ Metals ☐ Preserved
☐ Chromium (Hexavalent)
☐ E P Toxicity
☐ TCLP
☐ Phenols
☐ Cyanide ☐ Preserved
☐ Chloride, Sulfate
☐ Fluoride
☐ Ammonia, Nitrate, Nitrite
☐ T K N
☐ Solids (SS, DS, TS)
☐ M B A S, C O D
☐ T O C
☐ Oil & Grease
☐ ph Indicate Field pH: _____

Total Number of Sample Containers Submitted 1

Custody Section

Relinquished By:

Name William J. Skeats Date 3/5/99
Signature William J. Skeats Time 3:30

Received By:

Name R. Hu Date 3/1/99
Signature R. Hu Time 1:35

Name _____ Date _____ Name _____ Date _____
Signature _____ Time _____ Signature _____ Time _____

Name _____ Date _____ Name _____ Date _____
Signature _____ Time _____ Signature _____ Time _____

FOLK COUNTY DEPARTMENT OF HEALTH SERVICES
CENTER FOR FORENSIC SCIENCES
PUBLIC & ENVIRONMENTAL HEALTH LABORATORY
NYSDOH LAB ID. NUMBER 10528

Date APR 05
Received from Lab
E. Curcio, P.H. San

ORGANIC & FLASHPOINT ANALYSIS OF INDUSTRIAL & HAZARDOUS MATERIALS

Lab. No. IW 399043 Date Completed 3-29-19
Field No. 1WS 3-5 EPA Method 8260/1010/
Name Smithtown Central Administration Edgewood Ave St. James
Remarks west pool B - end PT

Compound	ppb	Compound	ppb
*Indicates 597 Compounds			
☒ <u>Purgeable Halocarbons 2/Aromatics</u>			
*1,1 - Dichloroethene.....		tert-Butyl methyl ether.....	
*Methylene Chloride.....		*Benzene.....	
*Freon 113.....		*Toluene.....	
(Trichlorotrifluoroethane)		*Chlorobenzene.....	
*trans-1,2-Dichloroethene....		*Ethylbenzene.....	
*1,1-Dichloroethane.....		*Xylene(s).....	
*cis-1,2 Dichloroethene.....		*Styrene.....	
*Bromochloromethane.....		*Isopropylbenzene.....	
*Chloroform.....		Bromobenzene.....	
2,2-Dichloropropane.....		Chlorotoluene(s).....	
*1,2-Dichloroethane.....		n-Propylbenzene.....	
*1,1,1-Trichloroethane.....		p-Ethyltoluene.....	
1,1-Dichloropropene.....		1,3,5-Trimethylbenzene.....	
*Carbon Tetrachloride.....		tert-Butylbenzene.....	
*Dibromomethane.....		1,2,4-Trimethylbenzene.....	
*1,2-Dichloropropane.....		*1,3-Dichlorobenzene.....	
*Bromodichloromethane.....		*1,4-Dichlorobenzene.....	
(Dichlorobromomethane)		sec-Butylbenzene.....	
*Trichloroethene.....		p-Isopropyltoluene.....	
*cis-1,3-Dichloropropene.....		*1,2-Dichlorobenzene.....	
*trans-1,3-Dichloropropene...		n-Butylbenzene.....	
*1,1,2-Trichloroethane.....		p-Diethylbenzene.....	
*1,3-Dichloropropane.....		1,2,4,5-Tetramethylbenzene...	
*Dibromochloromethane.....		*1,2,4-Trichlorobenzene.....	
(Chlorodibromomethane)		*Naphthalene.....	
*1,2-Dibromoethane.....		1,2,3-Trichlorobenzene.....	
*Tetrachloroethene.....		[] <u>Purgeable Halocarbons 1</u>	
*1,1,1,2-Tetrachloroethane...		*Chlorodifluoromethane.....	
*Bromoform.....		*Dichlorodifluoromethane.....	
*1,1,2,2-Tetrachloroethane...		*Trichlorofluoromethane.....	
1,2,3-Trichloropropane.....		*Vinyl Chloride.....	
*1,2-Dibromo-3-chloropropane...		*Chloromethane.....	
*Hexachlorobutadiene.....		(Methyl Chloride)	
*Acetone.....	<u><500</u>	Bromomethane.....	
*Methyl ethyl ketone.....	<u><500</u>	(Methyl Bromide)	
*Methyl isobutyl ketone.....	<u><500</u>	Chloroethane.....	

RESULTS ARE <40ppb FOR PURGEABLE
HALOCARBONS 2/AROMATICS
EXCEPT WHERE NOTED.

GC/MS ANALYSIS INDICATES THE PRESENCE
OF HYDROCARBONS SIMILAR TO THOSE
FOUND IN A PETROLEUM DISTILLATE.

[] Flash Point

Pensky-Martens Closed Cup Flash Point _____ °C= _____ °F

Analyst

Analyst

COUNTY OF SUFFOLK



ROBERT J. GAFFNEY
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

Mr. Andrew Seickel
~~Four Seasons Cesspol~~
400 North Country Road
St. James, NY 11780

CLARE B. BRADLEY, M.D., M.P.H.
COMMISSIONER
December 14, 1999

Dear Mr. Seickel,

I have received the results of the analyses of samples that were taken following the November 29, 1999 remediation of the overflow sanitary leaching pool at your facility. The sample analyses reports have been reviewed and indicate that no further remediation of the sanitary system is required by this department at this time.

The records of the department indicate that the material removed during the remediation is currently being stored at the site. New York State regulations require that material generated as the result of an environmental clean up be removed from the site within ninety (90) days. This department expects that the material at your site will be properly transported to a licensed disposal facility within that time frame. You must provide this office with photocopies of all manifests and disposal receipts demonstrating the proper disposal of this material.

A copy of the end point analysis has been given to Mr. Jack Finkenberg, the hearing officer in the administrative action regarding this matter. A copy of this letter will also be forwarded to Mr. Finkenberg.

This department has no objection to this leaching pool being backfilled at this time. However, since this the USEPA and the NYSDEC may require additional action, it is recommended that the pool be backfilled only to the extent necessary to maintain its structural integrity.

If you have any questions concerning these matters, please feel free to contact me at 516-854-2533.

Sincerely,

Walter T. Petrule
Senior Public Health Sanitarian
Bureau of Inspection Services

cc: Mr. Jack Finkenberg, SCDHS

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF ENVIRONMENTAL QUALITY
PUBLIC & ENVIRONMENTAL HEALTH LABORATORY
NYSDOH LAB ID. NUMBER 10528

Date JAN 10 2000
Received from Lab
E. Curcio, P.H. San.

SAMPLING ANALYSIS REQUEST/CHAIN OF CUSTODY

Field Number: 2-BC-11-29 Laboratory Number I W 1199132
Collected By: COOK Assisted By: Hopp
Affiliation: SCHS Date: 11/29/99 Time: 12:00 Noon
Facility/Name: FOUR SEASON CESSPOOL
Location: 400 Rt. 25A, ST. JAMES
Point of Collection: WELL/SPIGGET - NW CR. OF PROPERTY
Remarks: Lia

Analysis Requested (By Department)

Air Pollution

- ☐ Volatile Organic Hydrocarbons
☐ Asbestos (Bulk)

Hazardous Materials (Organics)

- ☐ Purgeable Halocarbons 1 (EPA 8260)
☒ Purgeable Halocarbons 2/ Aromatic
Hydrocarbons (EPA 8260)

Preservation ☒ HCL ☒ Cooled to 4° C

Level of Detection ~~40~~ ppb 4 ppb

☐ Flash Point (EPA 1010)

☐ Pesticides

Specify Type: _____

☐ TCLP

☐ Other _____

Industrial Waste (Inorganics)

- ☒ Metals ☒ Preserved
☐ Chromium (Hexavalent)
☐ E P Toxicity
☐ TCLP
☐ Phenols
☐ Cyanide ☐ Preserved
☐ Chloride, Sulfate
☐ Fluoride
☐ Ammonia, Nitrate, Nitrite
☐ T K N
☐ Solids (SS, DS, TS)
☐ M B A S, C O D
☐ T O C
☐ Oil & Grease
☐ ph Indicate Field pH: _____

Total Number of Sample Containers Submitted 2

Custody Section

Relinquished By:

Name COOK Date 11/29/99
Signature Bruce Cook Time 3:30

Received By:

Name ANTHONY CONDO Date 11/29/99
Signature Anthony Condo Time 3:30

Name _____ Date _____ Name _____ Date _____
Signature _____ Time _____ Signature _____ Time _____

Name _____ Date _____ Name _____ Date _____
Signature _____ Time _____ Signature _____ Time _____

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF ENVIRONMENTAL QUALITY
PUBLIC & ENVIRONMENTAL HEALTH LABORATORY
NYSDOH LAB ID. NUMBER 10528
ORGANIC & FLASHPOINT ANALYSIS OF INDUSTRIAL & HAZARDOUS MATERIALS

Date JAN 10 2000
Received from Lab
E. Curcio, P.H. San.
Results Satisfactory



Field Number 2-BC-11-29
Collection Point well/spigot

Lab No. 1W-1199132
Sample Type: solid/aqueous/

Source/Name Four Seasons Cesspool

Remarks:

☒ Volatile Organic Analysis- EPA Method 8260B

* Indicates compound is on 597 Hazardous Substance List

Analyte	Conc. (ppb)	Analyte	Conc. (ppb)	Analyte	Conc. (ppb)
*Dichlorodifluoromethane		t-Amyl methyl ether		p-Ethyltoluene	
*Chloromethane		*1,2-Dichloroethane		1,3,5-Trimethylbenzene	
*Vinyl chloride		*Trichloroethene		1,2,4-Trimethylbenzene	
Bromomethane		*1,2-Dichloropropane		Chlorotoluene(s)	
Chloroethane		*Methyl methacrylate		t-Butylbenzene	
*Trichlorofluoromethane		*Dibromomethane		sec-Butylbenzene	
*Diethyl ether		*Bromodichloromethane		d-Limonene	
*Freon 113		*2-Chloroethyl vinyl ether	<u><20</u>	p-Isopropyltoluene	
*1,1-Dichloroethene		*cis-1,3-Dichloropropene		*1,3-Dichlorobenzene	
*Methyl iodide		*Methyl isobutyl ketone	<u><20</u>	*1,4-Dichlorobenzene	
*Acetone	<u><20</u>	*Toluene		p-Diethylbenzene	
*Carbon disulfide		*trans-1,3-Dichloropropene		n-Butylbenzene	
*Ethylene chloride		*1,1,2-Trichloroethane		*1,2-Dichlorobenzene	
*trans-1,2-Dichloroethene		*Tetrachloroethene		1,2,4,5-Tetramethylbenzene	
t-Butyl methyl ether		*1,3-Dichloropropane		*1,2-Dibromo-3-chloropropane	
*Acrylonitrile		*Dibromochloromethane		*1,2,4-Trichlorobenzene	
*1,1,1-Dichloroethane		*1,2-Dibromoethane		*Hexachlorobutadiene	
*Vinyl acetate	<u><20</u>	*Chlorobenzene		*Naphthalene	
t-Butyl ethyl ether		*Ethylbenzene		1,2,3-Trichlorobenzene	
2,2-Dichloropropane		*1,1,1,2-Tetrachloroethane			
*cis-1,2-Dichloroethene		*Xylene(s)			
*Methyl ethyl ketone	<u><20</u>	*Styrene			
*Bromochloromethane		*Bromoform			
*Chloroform		*Isopropylbenzene			
*1,1,1-Trichloroethane		Bromobenzene			
*Carbon tetrachloride		*1,1,2,2-Tetrachloroethane			
1,1-Dichloropropene		n-Propylbenzene			
*Benzene		1,2,3-Trichloropropane			

RESULTS ARE <4ppb <40ppb <100ppb UNLESS OTHERWISE INDICATED

- [] GC/MS Analysis indicates the presence of Hydrocarbons similar to those found in a petroleum distillate.
[] Some surrogate standard values are not within the acceptable limits.

Analyst g/a Date Completed 12/2/97

[] Flashpoint Analysis- EPA Method 1010

Pensky-Martens Closed Cup Flash Point _____ °C ≈ _____ °F

Analyst _____ Date Completed _____

Folk County Department of Health Services
Division of Medical-Legal Investigations & Forensic Sciences
Public & Environmental Health Laboratory
(Industrial Waste Liquid Samples)

Date JAN 10 2000
Received from Lab
E. Curcio, P.H. San.
Results Satisfactory

FIELD

Field No. 2-BC-11-29

Laboratory

Lab No. JW 1199132

Name of Firm Four Seasons Cosmetics

Date Completed 12/29/99 *LA*

Address or Location 400 RT. 25, St. James

Remarks/ Instructions _____

TEST	RESULT	TEST	RESULT Mg/L (PPM)	TEST	RESULT Mg/L (PPM)
pH (Field)		COD		Nickel	<.1
pH (Lab)		Cyanide		Potassium	.6
TEST	RESULT	Phenols		>Selenium	<.1
	Mg/L (PPM)	METALS		Silicon	6.
Chloride		Aluminum	<.1	>Silver	<.02
Fluoride		Antimony	<.1	Sodium	5.2
Sulfate		>Arsenic	<.1	Thallium	<.25
Sulfite		>Barium	<.1	Titanium	<.1
Sulfide		Beryllium	<.01	Vanadium	<.1
MBAS		Boron	<.5	Zinc	<.1
TOC		>Cadmium	<.02		
Nitrate - N		Calcium	9.7	Cr ⁺⁶	
Nitrite - N		>Chromium	<.05		
Ammonia - N		Cobalt	<.1	EP Toxicity	
TKN		Copper	.4	TCLP	
Total Solids		Iron	.3		
Susp. Solids		>Lead	<.2		
Diss. Solids		Magnesium	3.		
TPH		Manganese	.1		
Oil & Grease		Molybdenum	<.1		

EP Toxicity and TCLP includes all metals marked with >

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF ENVIRONMENTAL QUALITY
PUBLIC & ENVIRONMENTAL HEALTH LABORATORY
NYSDOH LAB ID. NUMBER 10528

Date DEC 13 1999
Received from Lab
E. Curcio, P.H. San.

FILE NO. : 8-3876

AC. ID. NO. : SAMPLING ANALYSIS REQUEST/CHAIN OF CUSTODY

Field Number: 1-RC-11-29 Laboratory Number I W 1799131
Collected By: COOK Assisted By: HOPP
Affiliation: S.C.D.H.S. Date: 11/29/99 Time: 11:45 AM
Facility/Name: FOUR SEASONS CESSPOOL
Location: 400 Rt 25 N. St. James
Point of Collection: SAN OVERFLOW POOL - ~~W~~ East side of bldg
Remarks: Soil - End Pt - 24' b/c
11-15-3

Analysis Requested (By Department)

Air Pollution

- ☐ Volatile Organic Hydrocarbons
☐ Asbestos (Bulk)

Hazardous Materials (Organics)

- ☐ Purgeable Halocarbons 1 (EPA 8260)
☐ Purgeable Halocarbons 2/ Aromatic
Hydrocarbons (EPA 8260)
Preservation ☐ HCL ☒ Cooled to 4° C
Level of Detection ☒ 40 ppb ☐ 4 ppb
☐ Flash Point (EPA 1010)
☐ Pesticides
Specify Type: _____
☐ TCLP
☐ Other _____

Industrial Waste (Inorganics)

- ☐ Metals ☐ Preserved
☐ Chromium (Hexavalent)
☐ E P Toxicity
☐ TCLP
☐ Phenols
☐ Cyanide ☐ Preserved
☐ Chloride, Sulfate
☐ Fluoride
☐ Ammonia, Nitrate, Nitrite
☐ T K N
☐ Solids (SS, DS, TS)
☐ M B A S, C O D
☐ T O C
☐ Oil & Grease
☐ ph Indicate Field pH: _____

Total Number of Sample Containers Submitted 1

Custody Section

Relinquished By:

Name COOK Date 11/29/99
Signature [Signature] Time 3:30

Received By:

Name ANTHONY CONNORS Date 11/29/99
Signature [Signature] Time 3:30

Name _____ Date _____ Name _____ Date _____
Signature _____ Time _____ Signature _____ Time _____

Name _____ Date _____ Name _____ Date _____
Signature _____ Time _____ Signature _____ Time _____

SUFF COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF ENVIRONMENTAL QUALITY
PUBLIC & ENVIRONMENTAL HEALTH LABORATORY
NYSDOH LAB ID. NUMBER 10528
ORGANIC & FLASHPOINT ANALYSIS OF INDUSTRIAL & HAZARDOUS MATERIALS

Date DEC 13 1999
Received from Lab
E. Curcio, P.H. San.



Field Number 1-BC-11-29
Collection Point San Antonio - enc PT

Lab No. 1199131
Sample Type: solid/ aqueous/

Source/Name Four Seasons Cesspool

Remarks:

☒ Volatile Organic Analysis- EPA Method 8260B

* Indicates compound is on 597 Hazardous Substance List

Analyte	Conc. (ppb)	Analyte	Conc. (ppb)	Analyte	Conc. (ppb)
*Dichlorodifluoromethane		*t-Amyl methyl ether		*p-Ethyltoluene	
*Chloromethane		*1,2-Dichloroethane		*1,3,5-Trimethylbenzene	
*Vinyl chloride		*Trichloroethene		*1,2,4-Trimethylbenzene	
Bromomethane		*1,2-Dichloropropane		*Chlorotoluene(s)	
Chloroethane		*Methyl methacrylate		*t-Butylbenzene	
*Trichlorofluoromethane		*Dibromomethane		*sec-Butylbenzene	
*Diethyl ether		*Bromodichloromethane		*d-Limonene	
*Freon 113	<100	*2-Chloroethyl vinyl ether	<200	*p-Isopropyltoluene	
*1,1-Dichloroethene		*cis-1,3-Dichloropropene		*1,3-Dichlorobenzene	
*Methyl iodide		*Methyl isobutyl ketone	<200	*1,4-Dichlorobenzene	
*Acetone	<200	*Toluene		*p-Diethylbenzene	
*Carbon disulfide		*trans-1,3-Dichloropropene		*n-Butylbenzene	
*Methylene chloride		*1,1,2-Trichloroethane		*1,2-Dichlorobenzene	
*trans-1,2-Dichloroethene		*Tetrachloroethene		*1,2,4,5-Tetramethylbenzene	
*t-Butyl methyl ether		*1,3-Dichloropropane		*1,2-Dibromo-3-chloropropane	
*Acrylonitrile	<100	*Dibromochloromethane		*1,2,4-Trichlorobenzene	
*1,1-Dichloroethane		*1,2-Dibromoethane		*Hexachlorobutadiene	
*Vinyl acetate	<200	*Chlorobenzene		*Naphthalene	
*t-Butyl ethyl ether		*Ethylbenzene		*1,2,3-Trichlorobenzene	
2,2-Dichloropropane		*1,1,1,2-Tetrachloroethane			
*cis-1,2-Dichloroethene		*Xylene(s)			
*Methyl ethyl ketone	<200	*Styrene			
*Bromochloromethane		*Bromoform			
*Chloroform		*Isopropylbenzene			
*1,1,1-Trichloroethane		Bromobenzene			
*Carbon tetrachloride		*1,1,2,2-Tetrachloroethane			
1,1-Dichloropropene		n-Propylbenzene			
*Benzene		1,2,3-Trichloropropane			

RESULTS ARE <4ppb <40ppb <100ppb UNLESS OTHERWISE INDICATED

[] GC/MS Analysis indicates the presence of Hydrocarbons similar to those found in a petroleum distillate.

[] Some surrogate standard values are not within the acceptable limits.

Analyst RLO Date Completed 12/7

[] Flashpoint Analysis- EPA Method 1010

Pensky-Martens Closed Cup Flash Point _____ °C ≈ _____ °F

Analyst _____ Date Completed _____

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

3

LAB NO:995163.00

12/21/99

Four Seasons Cesspools
400 Route 25A
St. James, NY 11780
ATTN: Andy Saickel

SOURCE OF SAMPLE: Four Season Cesspool, St. James TCLPZHE
COLLECTED BY: Client DATE COL'D:12/01/99 RECEIVED:12/01/99

SAMPLE: Soil sample, grab sample from rolloff

ANALYTICAL PARAMETERS

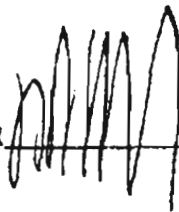
Carbon Tetrachloride	ug/L*	<1
Chlorobenzene	ug/L*	<1
Chloroform	ug/L*	<1
1,4 Dichlorobenzene	ug/L*	<2
1,2 Dichloroethane	ug/L*	<1
1,1 Dichloroethene	ug/L*	<1
Methyl Ethyl Ketone	ug/L*	<20
Tetrachloroethene	ug/L*	<1
Trichloroethylene	ug/L*	<1
Vinyl Chloride	ug/L*	<1
Benzene	ug/L*	<1

ANALYTICAL PARAMETERS

cc:

REMARKS: * Analysis performed on TCLP Leachate according to
USEPA Method 1311.

DIRECTOR



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

4

LAB NO:995163.00

12/21/99

Four Seasons Cesspools
400 Route 25A
St. James, NY 11780
ATTN: Andy Seickel

SOURCE OF SAMPLE: Four Season Cesspool. St. James TCLPMET
COLLECTED BY: Client DATE COL'D:12/01/99 RECEIVED:12/01/99

SAMPLE: Soil sample. grab sample from rolloff

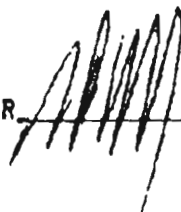
ANALYTICAL PARAMETERS

Arsenic as As	mg/L*	<0.05
Barium as Ba	mg/L*	0.11
Cadmium as Cd	mg/L*	<0.05
Chromium as Cr	mg/L*	<0.05
Lead as Pb	mg/L*	<0.05
Mercury as Hg	mg/L*	<0.001
Selenium as Se	mg/L*	<0.05
Silver as Ag	mg/L*	<0.05

ANALYTICAL PARAMETERS

cc:

REMARKS: * Analysis performed on TCLP Leachate according to
USEPA Method 1311.

DIRECTOR 

rn= 31186

NYSDOH ID# 10320

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

(5)

LAB NO:995163.00

12/21/99

Four Seasons Cesspools
400 Route 25A
St. James, NY 11780
ATTN: Andy Seickel

SOURCE OF SAMPLE: Four Season Cesspool, St. James
COLLECTED BY: Client DATE COL'D:12/01/99 RECEIVED:12/01/99

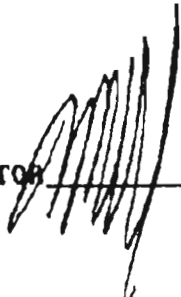
SAMPLE: Soil sample, grab sample from rolloff

ANALYTICAL PARAMETERS
Petrol. Hydrocarbons mg/Kg 5300

ANALYTICAL PARAMETERS

cc;

REMARKS: Petroleum Hydrocarbons by EPA 418.1

DIRECTOR 

rn= 31189

NYSDOH ID# 10320

⑥

EcoTest Laboratories Inc
377 Sheffield Ave
North Babylon NY 11703

LAB NO:995163.00

12/21/99

Four Seasons Cesspools
400 Route 25A
St. James, NY 11780
ATTN: Andy Seickel

SOURCE OF SAMPLE: Four Season Cesspool, St. James TCLPSV
COLLECTED BY: Client DATE COL'D:12/01/99 RECEIVED:12/01/99

SAMPLE: Soil sample, grab sample from rolloff
UNITS: ug/L*

ANALYTICAL PARAMETERS

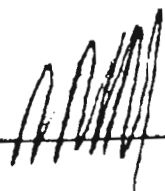
Lindane	<0.5
Endrin	<0.5
Methoxychlor	<1
Toxaphene	<10
Chlordane	<2
Heptachlor	<0.5
Heptachlor Epoxide	<0.5
2,4-D	<1
2,4,5-TP	<0.5
2-Methylphenol (o-cresol)	<10
3-Methylphenol (m-cresol)	24.5**
4-Methylphenol (p-cresol)	24.5**
Pentachlorophenol	<100
2,4,5-Trichlorophenol	<10
2,4,6-Trichlorophenol	<10
2,4-Dinitrotoluene	<10
Hexachlorobenzene	<10
Hexachlorobutadiene	<10
Hexachloroethane	<10
Nitrobenzene	<10
Pyridine	<10

-
-
-

ANALYTICAL PARAMETERS

cc:

REMARKS: * Analysis performed on TCLP Leachate according to
USEPA Method 1311.
**Total = 49 ug/L, unable to separate isomers.

DIRECTOR 

rn=

31188

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTS

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

LAB NO.995163.00

12/07/99

Four Seasons Cesspools
400 Route 25A
St. James, NY 11780

ATTN: Andy Seickel

SOURCE OF SAMPLE: Four Season Cesspool, St. James
COLLECTED BY: Client DATE COL'D:12/01/99 RECEIVED:12/01/99

SAMPLE: Soil sample, grab sample from rolloff

ANALYTICAL PARAMETERS

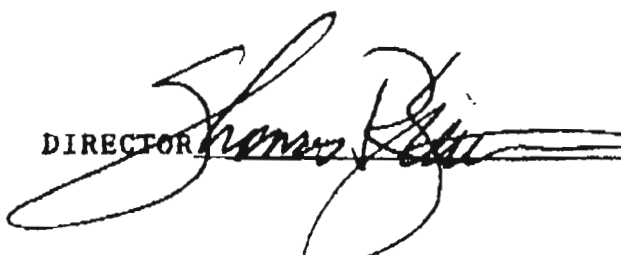
Dichlorodifluomethane	ug/Kg	<2
Chloromethane	ug/Kg	<2
Vinyl Chloride	ug/Kg	<2
Bromomethane	ug/Kg	<2
Chloroethane	ug/Kg	<2
Trichlorofluomethane	ug/Kg	<2
1,1 Dichloroethene	ug/Kg	<2
Methylene Chloride	ug/Kg	<2
t-1,2-Dichloroethene	ug/Kg	<2
1,1 Dichloroethane	ug/Kg	<2
2,2-Dichloropropane	ug/Kg	<2
c-1,2-Dichloroethene	ug/Kg	<2
Bromochloromethane	ug/Kg	<2
Chloroform	ug/Kg	<2
111 Trichloroethane	ug/Kg	<2
Carbon Tetrachloride	ug/Kg	<2
1,1-Dichloropropene	ug/Kg	<2
Benzene	ug/Kg	<2
1,2 Dichloroethane	ug/Kg	<2
Trichloroethylene	ug/Kg	<2
1,2 Dichloropropane	ug/Kg	<2
Dibromomethane	ug/Kg	<2
Bromodichloromethane	ug/Kg	<2
c-1,3Dichloropropene	ug/Kg	<2
Toluene	ug/Kg	50

ANALYTICAL PARAMETERS

t-1,3Dichloropropene	ug/Kg	<2
112 Trichloroethane	ug/Kg	<2
Tetrachloroethene	ug/Kg	8
1,3-Dichloropropane	ug/Kg	<2
Chlorodibromomethane	ug/Kg	<2
1,2 Dibromoethane	ug/Kg	<2
Chlorobenzene	ug/Kg	<2
Ethyl Benzene	ug/Kg	<2
1112Tetrachloroethan	ug/Kg	<2
m + p Xylene	ug/Kg	5
o Xylene	ug/Kg	2
Styrene	ug/Kg	<2
Bromoform	ug/Kg	<2
Isopropylbenzene	ug/Kg	<2
Bromobenzene	ug/Kg	<2
1122Tetrachloroethan	ug/Kg	<2
123-Trichloropropane	ug/Kg	<2
n-Propylbenzene	ug/Kg	<2
2-Chlorotoluene	ug/Kg	<2
135-Trimethylbenzene	ug/Kg	4
4-Chlorotoluene	ug/Kg	<2
tert-Butylbenzene	ug/Kg	<2
124-Trimethylbenzene	ug/Kg	10
sec-Butylbenzene	ug/Kg	<2

cc:

REMARKS: Volatile Organic Compounds by EPA Method 8260.
Page 1 of 2.

DIRECTOR 

rn=

30354

NYSDOH ID# 10320

ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTS

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

LAB NO. 995163.00

12/07/99

Four Seasons Cesspools
400 Route 25A
St. James, NY 11780

ATTN: Andy Seickel

SOURCE OF SAMPLE: Four Season Cesspool, St. James
COLLECTED BY: Client DATE COL'D: 12/01/99 RECEIVED: 12/01/99

SAMPLE: Soil sample, grab sample from rolloff

ANALYTICAL PARAMETERS

Isopropyltoluene	ug/Kg	60
1,3 Dichlorobenzene	ug/Kg	<2
1,4 Dichlorobenzene	ug/Kg	21
n-Butylbenzene	ug/Kg	<2
1,2 Dichlorobenzene	ug/Kg	<2
1,1,1-trichloroethane	ug/Kg	<2
1,2,4-Trichlorobenzene	ug/Kg	<2
1,2,3,4-tetrachlorobutadiene	ug/Kg	<2
naphthalene	ug/Kg	5
1,2,3-Trichlorobenzene	ug/Kg	<2
tert-ButylMethylEther	ug/Kg	<2
n-Ethyltoluene	ug/Kg	7
Freon 113	ug/Kg	<2
1,2,4,5 Tetramethylbenz	ug/Kg	<2
acetone	ug/Kg	59
Methyl Ethyl Ketone	ug/Kg	<20
Methylisobutylketone	ug/Kg	<20
Chlorodifluoromethan	ug/Kg	<2
Diethylbenzene	ug/Kg	<2

Solids 95

ANALYTICAL PARAMETERS

cc:

REMARKS: VOC by EPA Method 8260. Page 2 of 2.
!1245 Tetramethylbenz = 1,2,4,5-Tetramethylbenzene

DIRECTOR

30355

NYSDOH ID# 10320

COUNTY OF SUFFOLK



ROBERT J. GAFFNEY
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

CLARE B. BRADLEY, M.D., M.P.H.
ACTING COMMISSIONER

April 2, 1998

Mr. Thomas Gentile
North Country Cleaners, Inc.
430-11 North Country Road
St. James, NY 11780

Colonial Associates
100 Greenleaf Hill
Great Neck, NY 11023

Re: 430 North Country Road, Saint James

Gentlemen,

This office is in receipt of the analyses of the sample which was taken as part of the January 26, remediation and investigation of the the sanitary system at your facility. The results of the end point sample from the primary leaching pool and the initial samples from the overflow leaching pools have been reviewed and indicate that no further remediation of this system is required by this office at this time.

However, the records of the department indicate that the material removed during the remediation is currently being stored at the sites. New York State regulations require that material generated during an environmental clean-up be removed from the site within ninety days. This department expects that the material at your site will be properly transported to a licensed disposal facility within that time frame. You must provide this office with photocopies of all manifests and disposal receipts demonstrating proper disposal of this material.

If you have any questions, you may call me at (516) 854-2533. Thank you for your cooperation.

Very truly yours,

Walter T. Petruele
Senior Public Health Sanitarian
Environmental Engineering Pollution Control

FILE NO. : 8-2069
FAC. ID. NO. :

CLEANUP INSPECTION FORM
SUFFOLK COUNTY DEPT. OF HEALTH SERVICES
INDUSTRIAL WASTE & HAZARDOUS MATERIALS CONTROL
15 HORSEBLOCK PL., FARMINGVILLE, NY 11738

NAME OF FACILITY <u>North Country Cleaners</u>		OWNER/OFFICER		PAGE <u>1</u> OF <u>2</u>
COMPANY NAME		CONTACT <u>Thomas Gentile</u>		TEL. <u>567-6545</u>
PLANT ADDRESS <u>430-11</u>	VILLAGE <u>St. James</u>	TOWN <u>Smithtown</u>	ZIP <u>11780</u>	
DATE <u>1/26/98</u>		TIME		

STORM DRAIN	SANITARY CESSPOOL	<u>SEPTIC TANK</u>	SOIL EXCAVATION	OTHER
NAME OF CONTRACTOR <u>AB Long Island</u>		CONTACT <u>Mike Rosati</u>		TEL. <u>567-6545</u>
LICENSE NUMBER <u>NY 1A-802</u>		EPA NUMBER		
TRUCK LICENSE NUMBER <u>LE 77927AB</u>		TRAILER LICENSE NUMBER		
DESTINATION POINT <u>Liquid - AB Oil</u>				
NECESSARY EQUIPMENT? <u>YES</u> NO		UNSAFE PROCEDURES NOTED? YES <u>NO</u>		
LIQUIDS REMOVED <u>4400</u> GALS. <u>Both</u>		SOLIDS REMOVED <u>15</u> DRUMS/YARDS		
PRESSURE WASHING OK? <u>YES</u> NO		<u>in 3rd Dumpster</u>		
CONDITION OF REMAINING SOILS <u>N/A</u>		VISUALLY CLEAN? YES NO		
		ODOROUS? YES NO		
SAMPLES OBTAINED? YES <u>NO</u>		SOIL BORINGS? YES NO		
BY WHOM?				
MANIFEST REQUIRED? <u>YES</u> NO		COPY ATTACHED? YES <u>NO</u>		
BILL OF LADING? <u>YES</u> NO		COPY ATTACHED? YES <u>NO</u>		
SOIL/SLUDGE STORAGE COMPLIANCE? YES <u>NO</u>		REMOVED FROM SITE? YES <u>NO</u>		

CLEANUP STATUS (X) COMPLETED () ADD'L WORK REQUIRED () SAMPLE RESULTS PENDING
COMMENTS: (Use add'l sheet if necessary) Septic tank cleaned

Properly

SIGN. OF PERSON
REC. REPORT:

INSPECTOR: Wally Spento

LIQUID 5,000 TOTAL tank cesspool

CLEANUP INSPECTION FORM
SUFFOLK COUNTY DEPT. OF HEALTH SERVICES
INDUSTRIAL WASTE & HAZARDOUS MATERIALS CONTROL
15 HORSEBLOCK PL., FARMINGVILLE, NY 11738

LP1

NAME OF FACILITY	North Country/Clemens		OWNER/OFFICER	PAGE 2 OF 2
COMPANY NAME			CONTACT Thomas Gentile	TEL. 567-6545
PLANT ADDRESS	430-11 North Country Rd	VILLAGE St James	TOWN Smithtown	ZIP 11780
DATE	1/26/98	TIME		

STORM DRAIN	<u>SANITARY CESSPOOL</u>	SEPTIC TANK	SOIL EXCAVATION	OTHER
NAME OF CONTRACTOR	AB Oil / Long Island		CONTACT Mike Rosati	TEL.
LICENSE NUMBER	NY 1A-002		EPA NUMBER	
TRUCK LICENSE NUMBER	L 77927AB		TRAILER LICENSE NUMBER	AB - PW 8224
DESTINATION POINT	LIQUID AB Oil			
NECESSARY EQUIPMENT?	YES	NO	UNSAFE PROCEDURES NOTED?	YES NO
LIQUIDS REMOVED	600 GALS.		SOLIDS REMOVED	15 DRUMS/YARDS
PRESSURE WASHING OK?	YES	NO	1 in 30yd Dumpster	
CONDITION OF REMAINING SOILS			VISUALLY CLEAN?	YES NO Grey in Color
SAMPLES OBTAINED?	YES	NO	ODOROUS?	YES NO
MANIFEST REQUIRED?	YES	NO	SOIL BORINGS?	YES NO
			BY WHOM?	American Analytical LP1
BILL OF LADING?	YES	NO	COPY ATTACHED?	YES NO
SOIL/SLUDGE STORAGE COMPLIANCE?	YES	NO	COPY ATTACHED?	YES NO
CLEANUP STATUS	() COMPLETED	() ADD'L WORK REQUIRED	() SAMPLE RESULTS PENDING	
COMMENTS:	(Use add'l sheet if necessary) cesspool cleared to 1ft below bottom of Ring			

SIGN. OF PERSON
REC. REPORT:

INSPECTOR: Willy Spent

INITIALS
1/26/98

LP2 & LP3 American Analytical

LP2 appears black with sheen has

clean white floor

Client: AB Oil	Client ID: North Country Cleaners LP 1
Date received: 1/27/98	Laboratory ID: 9810437
Date extracted: 1/27/98	Matrix: Soil
Date analyzed: 1/27/98	Contractor: 11418

S.C.D.H. VOLATILES

PARAMETER	CAS No.	RESULTS, ug/kg
DICHLORODIFLUOROMETHANE	75-71-8	<5
CHLOROMETHANE	74-87-3	<5
VINYL CHLORIDE	75-01-4	<5
BROMOMETHANE	74-83-9	<5
CHLOROETHANE	75-00-3	<5
TRICHLOROFLUOROMETHANE	75-69-4	<5
1,1-DICHLOROETHENE	75-35-4	<5
METHYLENE CHLORIDE	75-09-2	<5
trans-1,2-DICHLOROETHENE	156-60-5	<5
1,1-DICHLOROETHANE	75-34-3	<5
2,2-DICHLOROPROPANE	594-20-7	<5
cis-1,2-DICHLOROETHENE	156-59-2	<5
BROMOCHLOROMETHANE	74-97-5	<5
CHLOROFORM	67-66-3	<5
1,1,1-TRICHLOROETHANE	71-55-6	<5
CARBON TETRACHLORIDE	56-23-5	<5
1,1-DICHLOROPROPENE	583-58-6	<5
BENZENE	71-43-2	<5
1,2-DICHLOROETHANE	107-06-2	<5
TRICHLOROETHENE	79-01-6	<5
1,2-DICHLOROPROPANE	78-87-5	<5
DIBROMOMETHANE	74-95-3	<5
BROMODICHLOROMETHANE	75-27-4	<5
cis-1,3-DICHLOROPROPENE	10061-01-5	<5
TOLUENE	108-88-3	<5
trans-1,3-DICHLOROPROPENE	10061-02-6	<5
1,1,2-TRICHLOROETHANE	79-00-5	<5
TETRACHLOROETHYLENE	127-18-4	<5
1,3-DICHLOROPROPANE	142-28-9	<5
DIBROMOCHLOROMETHANE	124-48-1	<5
1,2-DIBROMOETHANE	106-93-4	<5
CHLOROBENZENE	108-90-7	<5
1,1,1,2-TETRACHLOROETHANE	630-20-6	<5
ETHYLBENZENE	100-41-4	<5
STYRENE	100-42-5	<5
BROMOFORM	75-25-2	<5

Client: AB Oil	Client ID: North Country Cleaners L.P. 1
Date received: 1/27/98	Laboratory ID: 9810437
Date extracted: 1/27/98	Matrix: Soil
Date analyzed: 1/27/98	Contractor: 11418

S.C.D.H. VOLATILES

PARAMETER	CAS No.	RESULTS ug/kg
ISOPROPYLBENZENE	98-82-8	<5
BROMOBENZENE	108-86-1	<5
1,1,2,2-TETRACHLOROETHANE	79-34-5	<5
1,2,3-TRICHLOROPROPANE	98-18-4	<5
n-PROPYLBENZENE	103-65-1	<5
2-CHLOROTOLUENE	95-49-8	<5
4-CHLOROTOLUENE	106-43-4	<5
1,3,5-TRIMETHYLBENZENE	108-67-8	<5
tert-BUTYLBENZENE	98-06-6	<5
1,2,4-TRIMETHYLBENZENE	95-83-6	<5
sec-BUTYLBENZENE	135-98-8	<5
1,3-DICHLOROBENZENE	541-73-1	<5
P-ISOPROPYLTOLUENE	98-87-8	<5
1,4-DICHLOROBENZENE	106-46-7	<5
1,2-DICHLOROBENZENE	95-50-1	<5
n-BUTYLBENZENE	104-51-8	<5
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	<5
1,2,4-TRICHLOROBENZENE	120-82-1	<5
HEXACHLOROBUTADIENE	87-68-3	<5
NAPHTHALENE	91-20-3	<5
1,2,3-TRICHLOROBENZENE	87-61-6	<5
2-CHLOROETHYL VINYL ETHER	110-75-8	<5
FREON 113	76-13-1	<5
p-DIETHYLBENZENE	105-05-5	<5
p-ETHYLTOLUENE	622-96-8	<5
1,2,4,5-TETRAMETHYLBENZENE	95-93-2	<5
ACETONE	67-64-1	<5
CHLORODIFLUOROMETHANE	75-45-6	<5
METHYL ETHYL KETONE	78-93-3	<5
METHYL ISOBUTYL KETONE	108-10-1	<5
XYLENES, Total	1330-20-7	<15

Michael Venzel

Laboratory Director



Client: AB Oil	Client ID: North Country Cleaners LP 2
Date received: 1/27/98	Laboratory ID: 9810438
Date extracted: 1/27/98	Matrix: Soil
Date analyzed: 1/27/98	Contractor: 11418

S.C.D.H. VOLATILES

PARAMETER	CAS No.	RESULTS ug/kg
DICHLORODIFLUOROMETHANE	75-71-8	<10
CHLOROMETHANE	74-87-3	<10
VINYL CHLORIDE	75-01-4	<10
BROMOMETHANE	74-83-9	<10
CHLOROETHANE	75-00-3	<10
TRICHLOROFUOROMETHANE	75-69-4	<10
1,1-DICHLOROETHENE	75-35-4	<10
METHYLENE CHLORIDE	75-09-2	<10
trans-1,2-DICHLOROETHENE	156-60-5	<10
1,1-DICHLOROETHANE	75-34-3	<10
2,2-DICHLOROPROPANE	594-20-7	<10
cis-1,2-DICHLOROETHENE	156-59-2	<10
BROMOCHLOROMETHANE	74-97-5	<10
CHLOROFORM	67-66-3	<10
1,1,1-TRICHLOROETHANE	71-55-8	<10
CARBON TETRACHLORIDE	56-23-5	<10
1,1-DICHLOROPROPENE	563-59-6	<10
BENZENE	71-43-2	<10
1,2-DICHLOROETHANE	107-06-2	<10
TRICHLOROETHENE	79-01-6	<10
1,2-DICHLOROPROPANE	78-87-5	<10
DIBROMOMETHANE	74-95-3	<10
BROMODICHLOROMETHANE	75-27-4	<10
cis-1,3-DICHLOROPROPENE	10061-01-5	<10
TOLUENE	108-88-3	85
trans-1,3-DICHLOROPROPENE	10061-02-6	<10
1,1,2-TRICHLOROETHANE	79-00-5	<10
TETRACHLOROETHYLENE	127-18-4	<10
1,3-DICHLOROPROPANE	142-28-9	<10
DIBROMOCHLOROMETHANE	124-48-1	<10
1,2-DIBROMOETHANE	106-93-4	<10
CHLOROBENZENE	108-90-7	<10
1,1,1,2-TETRACHLOROETHANE	630-20-6	<10
ETHYLBENZENE	100-41-4	<10
STYRENE	100-42-5	<10
BROMOFORM	75-25-2	<10

*MDL's are raised due to matrix interference

Client: AB Oil	Client ID: North Country Cleaners LP 2
Date received: 1/27/98	Laboratory ID: 9810438
Date extracted: 1/27/98	Matrix: Soil
Date analyzed: 1/27/98	Contractor: 11418

S.C.D.H. VOLATILES

PARAMETER	CAS No.	RESULTS ug/kg
ISOPROPYLBENZENE	98-82-8	<10
BROMOBENZENE	108-86-1	<10
1,1,2,2-TETRACHLOROETHANE	79-34-5	<10
1,2,3-TRICHLOROPROPANE	98-18-4	<10
n-PROPYLBENZENE	103-85-1	<10
2-CHLOROTOLUENE	95-49-8	<10
4-CHLOROTOLUENE	106-43-4	<10
1,3,5-TRIMETHYLBENZENE	108-67-8	12
tert-BUTYLBENZENE	98-06-6	<10
1,2,4-TRIMETHYLBENZENE	95-63-6	21
sec-BUTYLBENZENE	136-98-8	<10
1,3-DICHLOROBENZENE	541-73-1	<10
p-ISOPROPYLTOLUENE	99-87-6	<10
1,4-DICHLOROBENZENE	106-46-7	<10
1,2-DICHLOROBENZENE	95-50-1	<10
n-BUTYLBENZENE	104-51-8	<10
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	<10
1,2,4-TRICHLOROBENZENE	120-82-1	<10
HEXACHLOROBUTADIENE	87-68-3	<10
NAPHTHALENE	91-20-3	<10
1,2,3-TRICHLOROBENZENE	87-61-6	<10
2-CHLOROETHYLVINYL ETHER	110-75-5	<10
FREON 113	78-13-1	<10
p-DIETHYLBENZENE	106-05-5	10
p-ETHYLTOLUENE	622-96-8	12
1,2,4,5-TETRAMETHYLBENZENE	95-93-2	22
ACETONE	67-64-1	69
CHLORODIFLUOROMETHANE	75-45-6	<10
METHYL ETHYL KETONE	78-93-3	<10
METHYL ISOBUTYL KETONE	108-10-1	<10
XYLENES, Total	1330-20-7	<30

*MDL's are raised due to matrix interference



Laboratory Director

Client: AB Oil	Client ID: North Country Cleaners LP 3
Date received: 1/27/98	Laboratory ID: 9810439
Date extracted: 1/27/98	Matrix: Soil
Date analyzed: 1/27/98	Contractor: 11418

S.C.D.H. VOLATILES

PARAMETER	CAS No.	RESULTS ug/kg
DICHLORODIFLUOROMETHANE	75-71-8	<10
CHLOROMETHANE	74-87-3	<10
VINYL CHLORIDE	75-01-4	<10
BROMOMETHANE	74-83-9	<10
CHLOROETHANE	75-00-3	<10
TRICHLOROFLUOROMETHANE	75-69-4	<10
1,1-DICHLOROETHENE	75-35-4	<10
METHYLENE CHLORIDE	75-09-2	<10
trans-1,2-DICHLOROETHENE	156-60-5	<10
1,1-DICHLOROETHANE	75-34-3	<10
2,2-DICHLOROPROPANE	594-20-7	<10
cis-1,2-DICHLOROETHENE	156-59-2	200
BROMOCHLOROMETHANE	74-97-5	<10
CHLOROFORM	67-66-3	<10
1,1,1-TRICHLOROETHANE	71-55-8	<10
CARBON TETRACHLORIDE	56-23-5	<10
1,1-DICHLOROPROPENE	563-58-6	<10
BENZENE	71-43-2	<10
1,2-DICHLOROETHANE	107-06-2	<10
TRICHLOROETHENE	79-01-6	188
1,2-DICHLOROPROPANE	78-87-5	<10
DIBROMOMETHANE	74-95-3	<10
BROMODICHLOROMETHANE	75-27-4	<10
cis-1,3-DICHLOROPROPENE	10061-01-5	<10
TOLUENE	108-88-3	1,007
trans-1,3-DICHLOROPROPENE	10061-02-6	<10
1,1,2-TRICHLOROETHANE	79-00-5	<10
TETRACHLOROETHYLENE	127-18-4	64
1,3-DICHLOROPROPANE	142-28-9	<10
DIBROMOCHLOROMETHANE	124-48-1	<10
1,2-DIBROMOETHANE	106-93-4	<10
CHLOROBENZENE	108-90-7	<10
1,1,1,2-TETRACHLOROETHANE	630-20-6	<10
ETHYLBENZENE	100-41-4	<10
STYRENE	100-42-5	<10
BROMOFORM	75-25-2	<10

*MDL's are raised due to high levels of target compounds and matrix interference.

TO

5E79390 P.03

Client: AB Oil	Client ID: North Country Cleaners LP 3
Date received: 1/27/98	Laboratory ID: 9810439
Date extracted: 1/27/98	Matrix: Soil
Date analyzed: 1/27/98	Contractor: 11418

S.C.D.H. VOLATILES

PARAMETER	CAS No.	RESULTS ug/kg
ISOPROPYLBENZENE	98-82-8	22
BROMOBENZENE	108-86-1	<10
1,1,2,2-TETRACHLOROETHANE	79-34-5	<10
1,2,3-TRICHLOROPROPANE	96-18-4	<10
n-PROPYLBENZENE	103-65-1	32
2-CHLOROTOLUENE	95-49-8	<10
4-CHLOROTOLUENE	106-43-4	<10
1,3,5-TRIMETHYLBENZENE	108-67-8	126
tert-BUTYLBENZENE	98-06-8	<10
1,2,4-TRIMETHYLBENZENE	95-63-6	107
sec-BUTYLBENZENE	135-98-8	<10
1,3-DICHLOROBENZENE	541-73-1	<10
P-ISOPROPYLTOLUENE	99-87-6	208
1,4-DICHLOROBENZENE	106-46-7	30
1,2-DICHLOROBENZENE	95-50-1	<10
n-BUTYLBENZENE	104-51-8	<10
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	<10
1,2,4-TRICHLOROBENZENE	120-82-1	<10
HEXACHLOROBUTADIENE	87-68-3	<10
NAPHTHALENE	91-20-3	19
1,2,3-TRICHLOROBENZENE	87-61-6	<10
2-CHLOROETHYL VINYL ETHER	110-75-8	<10
FREON 113	76-13-1	<10
p-DIETHYLBENZENE	105-05-5	388
p-ETHYLTOLUENE	822-96-8	135
1,2,4,6-TETRAMETHYLBENZENE	95-93-2	28
ACETONE	67-84-1	257
CHLORODIFLUOROMETHANE	75-45-6	<10
METHYL ETHYL KETONE	78-93-3	<10
METHYL ISOBUTYL KETONE	108-10-1	<10
XYLENES, Total	1330-20-7	<30

*MDL's are raised due to high levels of target compounds and matrix interference



Laboratory Director



COUNTY OF SUFFOLK

9



ROBERT J. GAFFNEY
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

CLARE B. BRADLEY, M.D., M.P.H.
ACTING COMMISSIONER

November 17, 1998

Joan B. Scherb, Esq.
1 Rural Place
Commack, NY 11725-2611

Re: DGN Associates/The Cleaners, 437 North Country Road, St. James

Dear Ms. Scherb,

Thank you for your recent submission of sample results and a waste removal receipt from the location cited above. As you know this department took samples from the sanitary system at this site on November 16, 1997. The results of those samples showed the presence of tetrachloroethene at a concentration of 160,000 ppb and a letter directing the remediation of the sanitary system was sent to DGN Associates and The Cleaners. This result differed with the results of samples which were taken as part of a Phase II Assessment of the site by Impact Environmental in July of 1997. Those samples reportedly contained no concentrations of tetrachloroethene or its breakdown products that exceeded this department's action levels.

On January 22, 1998, a sample was taken from the sanitary system by Impact Environment. This sample contained no concentrations of contaminants which exceeded the department's action levels.

On February 10, 1998, a representative from this department met with a representative of Impact Environmental and "split" samples were taken liquid in the septic tank and the liquid and sludge in two leaching pools. None of these samples showed the presence of any volatile organic compound, including tetrachloroethene and its breakdown products.

After the department's February 10 samples were returned to me, I had a telephone conversation with Mr. Eric Nietzel of DGN Associates. He assured me that the split samples taken by Impact Environmental showed no significant levels of contaminants. I told him that if he sent me Impact's analysis results so that I could verify their findings and if he agreed to have the system pumped and the contents taken to Bergen Point, then I would rescind the December 12, 1997 directive to have the system remediated by a licensed industrial waste contractor. However, I did not receive the sample results until you submitted them last week.

After reviewing the results of the analyses of the February 10 samples taken by Impact Environmental, I find them to be consistent with department's findings. Since the result of the analysis of the department's November 16 samples could not be duplicated, the directive to have this system remediated, as issued on December 12, 1998, is hereby rescinded.

In reference to the receipt for the removal of 4,000 gallons from the sanitary system, I can only accept it at face value, although I must inform you that sometime prior to July 13, 1998, it was reported to me that this work had been done. This of course, is several weeks prior to the September

8, 1998 date on the receipt. I also question whether the 4,000 gallons removed from a system that is comprised of a septic tank and two leaching pools. However, these questions are moot in light of the rescinded directive.

Sincerely,

A handwritten signature in cursive script, appearing to read "Walter T. Petrula".

Walter T. Petrula
Senior Public Health Sanitarian
Bureau of Inspection Services

LAW OFFICES OF
JOAN B. SCHERB
1 RURAL PLACE
COMMACK, NEW YORK 11725-2611

TELEPHONE
(516) 462-0678

October 29, 1998

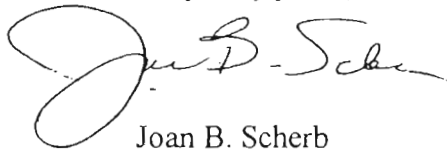
Walter Petrule, P.C.
15 Horseblock Road
Farmingville, New York 11738

Dear Walter,

Enclosed are the results of the February 10, 1998 sampling. They appear to be below the limit for Perchloroethene (PCE). Please send me a letter stating that no clean-up is required.

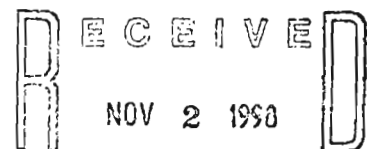
Thank you.

Very truly yours,



Joan B. Scherb

JBS/lvs
Enclosures



S.C. DEPT. OF
HEALTH SERVICES

INDUSTRIAL CORROSION MANAGEMEN INC.
1152 Route 10
Randolph, NJ 07869
973-584-0330, FAX: 973-584-0515
FEBRUARY 2, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

VOLATILE ANALYSIS BY GC/MS

Lab Number: 282014
Client: IMPACT ENVIRONMENTAL
Sample source: 98-022
Sample ID: 98-022-2WS
Sample date: 01/22/98
Sampled by: Customer
At lab date: 01/26/98
Matrix: Sludge

Data File: >B6252

Analysis Date: 01/30/98 Column: DB-624
Dilution Factor: 1
Init Sample Wght= 5g Final volume= 5ml

Percent Moisture: 23.48%

Initial sample weight DWB= 3.826g

Conc. in Sample = (Conc. on Quant Report/Initial Sample Weight DWB)*Final Volume

Parameter	Result ug/kg	Method Blank ug/kg	Practical Quantitation Limit ug/kg	Minimum Detection Limit ug/kg
trans-1,2-Dichloroethene	U	U	6.5	2.2
cis-1,2-Dichloroethene	52	U	6.5	2.2
Trichloroethene	U	U	6.5	0.78
Tetrachloroethene	U	U	6.5	0.91
1,1,1-Trichloroethane	U	U	6.5	0.65
1,1-Dichloroethene	U	U	6.5	2.2

ug/kg = micrograms/kilogram or ppb

Results are in ug/kg (ppb); they are reported on a dry weight basis.

ND: Not Determined.

IND: Indeterminable.

U: Indicates a compound was analyzed for but not detected at the PQL.

J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

WJ 2/1/98

INDUSTRIAL CORROSION MANAGEMENT, INC.
Thomas Mancuso, Lab Mgr.
Copyright ICM, Inc., 1998.
All rights reserved.
NEE

INDUSTRIAL CORROSION MANAGEMENT INC.
1152 Route 10
Randolph, NJ 07869
973-584-0330, FAX: 973-584-0515
FEBRUARY 18, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

VOLATILE ANALYSIS BY GC/MS

Lab Number: 283287
Client: IMPACT ENVIRONMENTAL
Sample source: St. James
Sample ID: 98-22 UIW-1
Sample date: 02/10/98
Sampled by: Customer
At lab date: 02/11/98
Matrix: Water

Data File: >A9000

Analysis Date: 02/17/98 Column: DB-624
Dilution Factor: 2
Init Sample volume= 2.5ml Final volume= 5ml

Conc. in Sample = (Conc. on Quant Report/Initial Volume)*Final Volume

Parameter	Result ug/l	Method Blank ug/l	Practical Quantitation Limit ug/l	Minimum Detection Limit ug/l
1,1-Dichloroethene	U	U	10	3.4
trans-1,2-Dichloroethene	U	U	10	3.4
cis-1,2-Dichloroethene	180	U	10	3.4
1,1,1-Trichloroethane	U	U	10	1
Trichloroethene	27	U	10	1.2
Tetrachloroethene	U	U	10	1.4

ug/l = micrograms/liter or ppb

ND: Not Determined.

IND: Indeterminable.

U: Indicates a compound was analyzed for but not detected at the MDL.

J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ms/clg/r

INDUSTRIAL CORROSION MANAGEMENT, INC.
Thomas Mancuso, Lab Mgr.
Copyright ICM, Inc., 1998.
All rights reserved.
MAR

INDUSTRIAL CORROSION MANAGEMENT INC.
1152 Route 10
Randolph, NJ 07869
973-584-0330, FAX: 973-584-0515
FEBRUARY 18, 1998

Certified for: NJ, PA, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

VOLATILE ANALYSIS BY GC/MS

Number: 283288
Client: IMPACT ENVIRONMENTAL
Sample source: St. James
Sample ID: 98-22 UIW-2
Sample date: 02/10/98
Sampled by: Customer
At lab date: 02/11/98
Matrix: Soil

Data File: >A8968

Analysis Date: 02/16/98 Column: DB-624
Dilution Factor: 1
Init Sample Wght= 5g Final volume= 5ml

Percent Moisture: 27.06%
Initial sample weight DWB= 3.647g

Conc. in Sample = (Conc. on Quant Report/Initial Sample Weight DWB)*Final Volume

Parameter	Result ug/kg	Method Blank ug/kg	Practical Quantitation Limit ug/kg	Minimum Detection Limit ug/kg
1,1-Dichloroethene	U	U	6.9	2.3
trans-1,2-Dichloroethene	U	U	6.9	2.3
cis-1,2-Dichloroethene	46	U	6.9	2.3
1,1,1-Trichloroethane	U	U	6.9	0.69
Trichloroethene	U	U	6.9	0.82
Tetrachloroethene	U	U	6.9	0.96

ug/kg = micrograms/kilogram or ppb

Results are in ug/kg (ppb); they are reported on a dry weight basis.

ND: Not Determined.

IND: Indeterminable.

U: Indicates a compound was analyzed for but not detected at the PQL.

J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. *μg/kg*

B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

INDUSTRIAL CORROSION MANAGEMENT, INC.
Thomas Mancuso, Lab Mgr.
Copyright ICM, Inc., 1998.
All rights reserved.
MAR

INDUSTRIAL CORROSION MANAGEMENT, INC.
1152 Route 10
Randolph, NJ 07869
973-584-0330, FAX: 973-584-0515
FEBRUARY 18, 1998

Certified for: NJ, PA, DE, CT, NY (DOH)
NJ #14116 NY #11376
US EPA CLP Lab

VOLATILE ANALYSIS BY GC/MS

Lab Number: 283289
Client: IMPACT ENVIRONMENTAL
Sample source: St. James
Sample ID: 98-22 UIW-3
Sample date: 02/10/98
Sampled by: Customer
At lab date: 02/11/98
Matrix: Soil

Data File: >A8969

Analysis Date: 02/16/98 Column: DB-624
Dilution Factor: 1
Init Sample Wght= 5g Final volume= 5ml

Percent Moisture: 15.34%

Initial sample weight DWB= 4.233g

Conc. in Sample = (Conc. on Quant Report/Initial Sample Weight DWB)*Final Volume

Parameter	Result ug/kg	Method Blank ug/kg	Practical Quantitation Limit ug/kg	Minimum Detection Limit ug/kg
1,1-Dichloroethene	U	U	5.9	2
trans-1,2-Dichloroethene	U	U	5.9	2
cis-1,2-Dichloroethene	3.3J	U	5.9	2
1,1,1-Trichloroethane	U	U	5.9	0.59
Trichloroethene	U	U	5.9	0.71
Tetrachloroethene	U	U	5.9	0.83

ug/kg = micrograms/kilogram or ppb

Results are in ug/kg (ppb); they are reported on a dry weight basis.

ND: Not Determined.

IND: Indeterminable.

U: Indicates a compound was analyzed for but not detected at the PQL.

J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

INDUSTRIAL CORROSION MANAGEMENT, INC.
Thomas Mancuso, Lab Mgr.
Copyright ICM, Inc., 1998.
All rights reserved.
MAR

EXXON COMPANY, U.S.A.

1400 OLD COUNTRY ROAD, SUITE 414
WESTBURY, NEW YORK 11590-5119

MARKETING DEPARTMENT
NEW YORK DEALER AREA

MICHAEL F. MEOLA
SENIOR ENVIRONMENTAL ENGINEER

10

October 1, 1999

Mr. Walter Petruele
County of Suffolk, Department of Health Services
15 Horseblock Place
Farmingville, NY 11738

Subject:  Exxon RAS #3-7495
525 Route 25A/St. James, NY

Dear Mr. Petruele:

As requested by the Department, enclosed is the disposal documentation for the sediment removed from the leaching pools at the subject Exxon location. Casie Protank was the transporter and the disposal facility for this material.

If you require additional information or clarification, please contact me at (516) 876-4660.

Sincerely,


Michael F. Meola

cc: J. Schaefer (Geologic Services/Project Mgr)
File

Report of Analysis

Page 1 of 3

Client Sample ID:	ENDPOINT - 2	Date Sampled:	08/16/99
Lab Sample ID:	F54249-1R	Date Received:	08/18/99
Matrix:	SO - Soil	Percent Solids:	95.0
Method:	SW846 8270C		
Project:	GSCNY:19951712 S/S 3-7495 252 North Country Road, St. James		

Run #1	File ID	DF	Analyzed	Hy	Prep Date	Prep Batch	Analytical Batch
Run #2	H29925.D	1	09/03/99	AAA	09/01/99	OP5935	EII1987

ABN TCL List

CAS No.	Compound	Result	RDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	710	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	710	ug/kg	
95-48-7	2-Methylphenol	ND	180	ug/kg	
	3&4-Methylphenol	ND	180	ug/kg	
88-75-5	2-Nitrophenol	ND	180	ug/kg	
100-02-7	4-Nitrophenol	ND	710	ug/kg	
87-86-5	Pentachlorophenol	ND	710	ug/kg	
108-95-2	Phenol	ND	180	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	ug/kg	
→ 83-32-9	Acenaphthene	ND	180	ug/kg	
→ 208-96-8	Acenaphthylene	ND	180	ug/kg	
→ 120-12-7	Anthracene	ND	180	ug/kg	
→ 56-55-3	Benzo(a)anthracene	ND	180	ug/kg	
→ 50-32-8	Benzo(a)pyrene	ND	180	ug/kg	
→ 205-99-2	Benzo(b)fluoranthene	ND	180	ug/kg	
→ 191-24-2	Benzo(g,h,i)perylene	ND	180	ug/kg	
→ 207-08-9	Benzo(k)fluoranthene	ND	180	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	180	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	ug/kg	
106-47-8	4-Chloroaniline	ND	180	ug/kg	
86-74-8	Carbazole	ND	180	ug/kg	
→ 218-01-9	Chrysene	ND	180	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	180	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	180	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	180	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	ug/kg	

ND = Not detected

RDL = Reported Detection Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID: ENDPOINT - 2

Lab Sample ID: E54249-1R

Date Sampled: 08/16/99

Matrix: SO - Soil

Date Received: 08/18/99

Method: SW846 8270C

Percent Solids: 95.0

Project: GSCNY:19951712 S/S 3-7495 252 North Country Road, St. James

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H29925.D	1	09/03/99	AAA	09/01/99	OP5935	EH1987
Run #2							

AHN TCL List

CAS No.	Compound	Result	RDL	Units	Q
606-20-2	2,6-Dinitrotoluene	ND	180	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	180	ug/kg	
→ 53-70-3	Dibenzo(a,h)anthracene	ND	180	ug/kg	
132-64-9	Dibenzofuran	ND	180	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	180	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	180	ug/kg	
84-66-2	Diethyl phthalate	ND	180	ug/kg	
131-11-3	Dimethyl phthalate	ND	180	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	63.7	180	ug/kg	J
→ 206-44-0	Fluoranthene	ND	180	ug/kg	
86-73-7	Fluorene	ND	180	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	710	ug/kg	
67-72-1	Hexachloroethene	ND	180	ug/kg	
→ 193-39-3	Indeno(1,2,3-cd)pyrene	ND	180	ug/kg	
78-59-1	Isophorone	ND	180	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	ug/kg	
88-74-4	2-Nitroaniline	ND	180	ug/kg	
99-09-2	3-Nitroaniline	ND	180	ug/kg	
100-01-6	4-Nitroaniline	ND	180	ug/kg	
91-20-3	Naphthalene	ND	180	ug/kg	
98-95-3	Nitrobenzene	ND	180	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	ug/kg	
→ 85-01-8	Phenanthrene	ND	180	ug/kg	
→ 129-00-0	Pyrene	ND	180	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		25-121%
4165-62-2	Phenol-d5	53%		24-113%
118-79-6	2,4,6-Tribromophenol	91%		19-122%
4165-60-0	Nitrobenzene-d5	54%		23-120%
321-60-8	2-Fluorobiphenyl	64%		30-115%

ND = Not detected

RDL = Reported Detection Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	ENDPOINT - 2	Date Sampled:	08/16/99
Lab Sample ID:	E54249-1R	Date Received:	08/18/99
Matrix:	SO - Soil	Percent Solids:	95.0
Method:	SW846 8270C		
Project:	GSCNY:19951712 S/S 3-7495 252 North Country Road, St. James		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H29925.D	1	09/03/99	AAA	09/01/99	OP5935	EH1987
Run #2							

ADN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	87%		18-137%

ND = Not detected

PDL = Reported Detection Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 2

Client Sample ID:	ENDPOINT - 2		Date Sampled:	08/16/99			
Lab Sample ID:	ES4249-1		Date Received:	08/18/99			
Matrix:	SO - Soil		Percent Solids:	95.0			
Method:	SW846 8260B						
Project:	GSCNY 19951712 S/S 3-7495 252 North Country Road, St. James						
	File ID	DJF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K24344.D	1	08/24/99	YD	n/a	n/a	VK1001
Run #2							

VOA TCL List

CAS No.	Compound	Result	RDL	Units	Q
67-64-1	Acetone	ND	5.2	ug/kg	
71-43-2	Benzene	ND	1.0	ug/kg	
75-27-4	Bromodichloromethane	ND	5.2	ug/kg	
75-25-2	Bromoform	ND	5.2	ug/kg	
74-83-9	Bromomethane	ND	5.2	ug/kg	
78-93-3	2-Butanone (MIBK)	ND	5.2	ug/kg	
75-15-0	Carbon disulfide	ND	5.2	ug/kg	
36-23-5	Carbon tetrachloride	ND	5.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.2	ug/kg	
75-00-3	Chloroethane	ND	5.2	ug/kg	
67-66-3	Chloroform	ND	5.2	ug/kg	
74-87-3	Chloromethane	ND	5.2	ug/kg	
124-48-1	Dibromochloromethane	ND	5.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.2	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.2	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.2	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
591-78-6	2-Hexanone	ND	5.2	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.2	ug/kg	
75-09-2	Methylene chloride	ND	5.2	ug/kg	
100-42-5	Styrene	ND	5.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	
127-18-4	Tetrachloroethene	ND	5.2	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.2	ug/kg	
79-01-6	Trichloroethene	ND	5.2	ug/kg	
75-01-4	Vinyl chloride	ND	5.2	ug/kg	
1330-20-7	Xylene (total)	ND	5.2	ug/kg	

ND = Not detected

RDL = Reported Detection Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 2

Client Sample ID: ENDPOINT - 2							
Lab Sample ID: E54249-1							
Matrix: SO - Soil				Date Sampled: 08/16/99			
Method: SW846 R260B				Date Received: 08/18/99			
Project: G5CNY:19951712 S/S 3-7495 252 North Country Road, St. James				Percent Solids: 95.0			
Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	K24344.D	1	08/24/99	YD	n/a	n/a	VK1001

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		80-120%
17060-07-0	1,2-Dichloroethane-D4	78%		70-121%
2037-26-5	Toluene-D8	98%		81-117%
460-00-4	4-Bromofluorobenzene	107%		74-121%

ND = Not detected

RDL = Reported Detection Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	ENDPOINT - 2	Date Sampled:	08/16/99
Lab Sample ID:	E54249-1	Date Received:	08/18/99
Matrix:	SO - Soil	Percent Solids:	95.0
Project:	GSCNY:19951712 S/S 3-7495 252 North Country Road, St. James		

General Chemistry

Analyte	Result	RDL	Units	DF	Analyzed By	Method
Petroleum Hydrocarbons	609	130	mg/kg	5	08/20/99 SJH	EPA 418.1 M
Solids, Percent	95		%	1	08/19/99	EPA 160.3 M

RDL = Reported Detection Limit

Report of Analysis

Page 1 of 1

Client Sample ID:	ENDPOINT - 2	Date Sampled:	08/16/99
Lab Sample ID:	E54249-1	Date Received:	08/18/99
Matrix:	SO - Soil	Percent Solids:	95.0
Project:	OSCONY:19951712 S/S 3-7495 252 North Country Road, St. James		

Metals Analysis

Analyte	Result	RDL	Units	DF	Prep	Analyzed By	Method
Arsenic	<1.0	1.0	mg/kg	1	08/19/99	08/21/99 MTH	SW846 6010B
Barium	<21	21	mg/kg	1	08/19/99	08/21/99 MTH	SW846 6010B
Cadmium	<0.53	0.53	mg/kg	1	08/19/99	08/21/99 MTH	SW846 6010B
Chromium	3.0	1.0	mg/kg	1	08/19/99	08/21/99 MTH	SW846 6010B
Lead	<10	10	mg/kg	1	08/19/99	08/21/99 MTH	SW846 6010B
Mercury	<0.035	0.035	mg/kg	1	08/19/99	03/19/99 VM	SW846 7471B
Selenium	<10	10	mg/kg	1	08/19/99	08/21/99 MTH	SW846 6010B
Silver	<1.0	1.0	mg/kg	1	08/19/99	08/21/99 MTH	SW846 6010B

RDL = Reported Detection Limit

COUNTY OF SUFFOLK



ROBERT J. GAFFNEY
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

CLARE B. BRADLEY, M.D., M.P.H.
COMMISSIONER

August 13, 1999

Mr. Kevin Hearney
St. James Exxon Center
525 Route 25A
St. James, NY 11780

Exxon Co., USA
1400 Old Country Road
Westbury, NY 11590
Att'n: Mr. John Wilson

Re: 525 Route 25A, St. James

Gentlemen,

I have received the results of the analyses of samples that were taken following the August 11, 1999 remediation of the sanitary system at your facility. The sample analyses reports have been reviewed and indicate that no further remediation of the sanitary system is required by this department at this time.

The records of the department indicate that the material removed during the remediation is currently being stored at the site. New York State regulations require that material generated as the result of an environmental clean up be removed from the site within ninety (90) days. This department expects that the material at your site will be properly transported to a licensed disposal facility within that time frame. You must provide this office with photocopies of all manifests and disposal receipts demonstrating the proper disposal of this material.

If you have any questions concerning these matters, please feel free to contact me at 516-854-2533.

Sincerely,

Walter T. Petrula
Senior Public Health Sanitarian
Bureau of Inspection Services

cc: Mr. Dennis Shin, GSC

2ND
CLEANUP

CLEANUP INSPECTION FORM
SUFFOLK COUNTY DEPT. OF HEALTH SERVICES
INDUSTRIAL WASTE & HAZARDOUS MATERIALS CONTROL
15 HORSEBLOCK PL., FARMINGVILLE, NY 11738

FILE REF. NO. : 8-12372
FAC. ID. NO. : _____

NAME OF FACILITY	OWNER/OFFICER	PAGE 1 OF 1
COMPANY		
NAME	CONTACT	TEL.
PLANT		
ADDRESS <u>525 Rt 25-A</u>	VILLAGE <u>ST. JAMES</u>	TOWN <u>(withtown)</u> ZIP
DATE <u>8/11/99</u>	TIME	

STORM DRAIN		☒ SANITARY CESSPOOL		SEPTIC TANK		SOIL EXCAVATION		OTHER	
NAME OF CONTRACTOR		CONTACT		TEL.					
<u>GSC</u>		<u>CASIE ECOLOGY</u>		<u>JIM SCHAFER</u>		<u>218-6956</u>			
LICENSE NUMBER		EPA NUMBER							
<u>NS AB852B</u>		<u>NSD045995693</u>							
TRUCK LICENSE NUMBER		TRAILER LICENSE NUMBER							
<u>NS AB852B</u>		<u>NS T38284</u>							
DESTINATION POINT									
<u>CASIE OIL ECOLOGY SERV</u>									
NECESSARY EQUIPMENT?		YES		☒ NO		UNSAFE PROCEDURES NOTED?		YES	
LIQUIDS REMOVED		<u>3031</u>		GALS.		SOLIDS REMOVED		<u>(NONE)</u>	
PRESSURE WASHING OK?		YES		☒ NO		DRUMS/YARDS			
CONDITION OF REMAINING SOILS		VISUALLY CLEAN?		YES		☒ NO			
SAMPLES OBTAINED?		YES		☒ NO		ODOROUS?		YES	
MANIFEST REQUIRED?		☒ YES		NO		SOIL BORINGS? BY WHOM?		YES	
BILL OF LADING?		YES		☒ NO		COPY ATTACHED?		YES	
SOIL/SLUDGE STORAGE COMPLIANCE?		YES		<u>N/A</u>		NO		COPY ATTACHED?	
CLEANUP STATUS		☐ COMPLETED		☒ ADD'L WORK REQUIRED		☐ SAMPLE RESULTS PENDING			
COMMENTS: (Use add'l sheet if necessary)									

SAME TANKER PROVIDED BY CASIE ECOLOGY AS LAST TIME, WHICH COULD NOT REMOVE SOLIDS. 3RD CLEANUP TENTATIVE FOR FRI. 8/13/99, TO BE CONFIRMED BY GSC.

SIGN. OF PERSON
REC. REPORT:

INSPECTOR: B. Cook

8/16/99

SAN POOL CLEANED OUT. 6 YDS CONTAIN SOIL STORED ON SITE IN LINED BOX. FRI. 8/13/99, TO BE CONFIRMED BY GSC.

COUNTY OF SUFFOLK



ROBERT J. GAFFNEY
SUFFOLK COUNTY EXECUTIVE

FR# 12496

DEPARTMENT OF HEALTH SERVICES

CLARE B. BRADLEY, M.D., M.P.H.
COMMISSIONER

June 25, 2002

Mr. Michael Rosati
AB Environmental
1599 North Country Road
Bohemia, NY 11716

Re: North Shore Marine
543 North Country Road
St. James, NY

Penny's Garage
545 North Country Road
St. James, NY

Dear Mr. Rosati,

I have received the results of the analyses of the samples that were taken following the remediation of the sanitary leaching pools at the above referenced facilities. The analysis reports have been reviewed and indicate that no further remediation of these two leaching pools is required by this department at this time.

The records of this department indicate that the material removed during the remediation has been removed from your facility and properly disposed of at a licensed facility. Therefore, the department is considering this matter to be closed.

If you have any questions concerning this matter, please feel free to call me at (631) 854-2533.

Sincerely,

Walter T. Petruele
Senior Public Health Sanitarian
Bureau of Environmental Evaluation & Remediation

cc: Robert Corvell, Cashin Associates

NYSDOH
AIHA
CTDOHELAP
PAT, LPAT
PH-020511418
102391

May 08, 2002

Mike Rosati
Able Environmental Group
1599 Ocean Avenue
Bohemia, N.Y. 11716

Re: North Country Rd. St. James

Dear Mr. Rosati;

Enclosed please find the Laboratory Analysis Report for samples received on April 29, 2002. American Analytical Laboratories analyzed the samples through May 08, 2002 for the following;

SAMPLE ID	ANALYSIS
North Shore Marine Cesspool	SCDH Volatiles, SCDH Metals
Penny's Garage Cesspool	SCDH Volatiles

This report consists of 7 pages of analytical results

If you have any questions or require further information, please call at your convenience. American Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

American Analytical Laboratories, Inc.

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX: (631) 454-8027

Client: Able Environmental Group	Sample ID: North Country Rd. St. James (North Shore Marine Cesspool)
Date Received: 04/29/02	Laboratory ID: 0220960
Date Extracted: NA	Matrix: Soil Level: Low
Date Analyzed: 05/02/02	ELAP#: 11418

VOLATILE ORGANICS
SCDH SW-846 METHOD 8260

PARAMETER	CAS No.	RESULTS ug/kg
Dichlorodifluoromethane	75-71-8	<5
Chloromethane	74-87-3	<5
Vinyl Chloride	75-01-4	<5
Bromomethane	74-83-9	<5
Chloroethane	75-00-3	<5
Trichlorofluoromethane	75-69-4	<5
Acetone	67-64-1	<5
1,1-Dichloroethene	75-35-4	<5
Vinyl Acetate	108-05-4	<5
Carbon Disulfide	75-15-0	<5
Methylene Chloride	75-09-2	<5
trans-1,2-Dichloroethene	156-60-5	<5
1,1-Dichloroethane	75-34-3	<5
2-Butanone	78-93-3	<5
2,2-Dichloropropane	594-20-7	<5
cis-1,2-Dichloroethene	156-59-2	<5
Chloroform	67-66-3	<5
Bromochloromethane	74-97-5	<5
1,1,1-Trichloroethane	71-55-6	<5
1,1-Dichloropropene	563-58-6	<5
Carbon Tetrachloride	56-23-5	<5
2-Chloroethyl vinyl ether	110-75-8	<5
1,2-Dichloroethane	107-06-2	<5
Benzene	71-43-2	<5
Trichloroethene	79-01-6	<5
1,2-Dichloropropane	78-87-5	<5
Bromodichloromethane	75-27-4	<5
4-Methyl-2-Pentanone	108-10-1	<5
Dibromomethane	74-95-3	<5
cis-1,3-Dichloropropene	10061-01-5	<5
Toluene	108-88-3	<5
trans-1,3-Dichloropropene	10061-02-6	<5
1,1,2-Trichloroethane	79-00-5	<5

Lori Beyer

Lori Beyer
Laboratory Director



56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 • (631) 454-6100 • FAX: (631) 454-8027

Client: Able Environmental Group	Sample ID: North Country Rd. St. James (North Shore Marine Cesspool)
Date Received: 04/29/02	Laboratory ID: 0220960
Date Extracted: NA	Matrix: Soil Level: Low
Date Analyzed: 05/02/02	ELAP#: 11418

**VOLATILE ORGANICS
SCDH SW-846 METHOD 8260**

PARAMETER	CAS No.	RESULTS ug/kg
2-Hexanone	591-78-8	<5
1,3-Dichloropropane	142-28-9	<5
Tetrachloroethene	127-18-4	<5
Chlorodibromomethane	124-48-1	<5
1,2-Dibromoethane	106-93-4	<5
Chlorobenzene	108-90-7	<5
1,1,1,2-Tetrachloroethane	630-20-6	<5
Ethylbenzene	100-41-4	<5
m+p Xylene	108-38-3/106-42-3	<10
o-Xylene	95-47-6	<5
Styrene	100-42-5	<5
Isopropylbenzene	98-82-8	<5
Bromoform	75-25-2	<5
1,2,3-Trichloropropane	96-18-4	<5
n-Propylbenzene	103-65-1	<5
Bromobenzene	108-86-1	<5
1,3,5-Trimethylbenzene	108-67-8	<5
2-Chlorotoluene	95-49-8	<5
4-Chlorotoluene	106-43-4	<5
tert-Butylbenzene	98-06-6	<5
1,2,4-Trimethylbenzene	95-63-6	<5
sec-Butylbenzene	135-98-8	<5
4-Isopropyltoluene	99-87-6	<5
1,1,2,2-Tetrachloroethane	79-34-5	<5
1,3-Dichlorobenzene	541-73-1	<5
1,4-Dichlorobenzene	106-46-7	<5
1,2-Dichlorobenzene	95-50-1	<5
n-Butylbenzene	104-51-8	<5
1,2-Dibromo-3-chloropropane	96-12-8	<5
1,2,4-Trichlorobenzene	120-82-1	<5
Hexachlorobutadiene	87-68-3	<5
Naphthalene	91-20-3	<5
1,2,3-Trichlorobenzene	87-61-6	<5

Lori Beyer

Lori Beyer
Laboratory Director

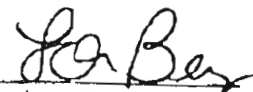


56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 • (516) 454-6100 • FAX: (516) 454-8027

Client: Able Environmental Group	Sample ID: North Country Rd. St. James (North Shore Marine Cesspool)
Date Received: 04/29/02	Laboratory ID: 0220960
Date Extracted: NA	Matrix: Soil Level: Low
Date Analyzed: 05/02/02	ELAP#: 11418

VOLATILE ORGANICS
SCDH SW-846 METHOD 8260

PARAMETER	CAS No.	RESULTS ug/kg
Freon 113	76-13-1	<5
p-Diethylbenzene	105-05-5	<5
p-Ethyltoluene	622-96-8	<5
1,2,4,5,-Tetramethylbenzene	95-93-2	<5
Chlorodifluoromethane	75-45-6	<5
Methyl Tertiary Butyl Ether	1634-04-4	<5



Lori Beyer
Laboratory Director



AMERICAN
ANALYTICAL
LABORATORIES, INC.

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 • (631) 454-6100 • FAX: (631) 464-8027

Client: Able Environmental Group	Sample ID: North Country Rd. St. James (North Shore Marine Cesspool)
Date Received: 04/29/02	Laboratory ID: 0220960
Date Extracted: 05/07/02-05/08/02	Matrix: Soil
Date Analyzed: 05/07/02-05/08/02	ELAP#: 11418

SCDH METALS ANALYSIS

PARAMETER	REPORTING LIMIT mg/kg	RESULT mg/kg
Silver, Ag	0.5	0.953
Arsenic, As	1.0	<1.0
Beryllium, Be	0.5	<0.5
Cadmium, Cd	0.5	<0.5
Chromium, Cr	0.5	0.789
Copper, Cu	0.5	4.94
Nickel, Ni	0.5	0.646
Lead, Pb	0.5	4.09
Mercury, Hg	0.05	<0.05

Method: SW-846 8010/7471

Lori Beyer
Laboratory Director

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 • (631) 454-8100 • FAX: (631) 454-8027

Client: Able Environmental Group	Sample ID: North Country Rd. St. James (Penny's Garage Cesspool)
Date Received: 04/29/02	Laboratory ID: 0220961
Date Extracted: NA	Matrix: Soil Level: Low
Date Analyzed: 05/02/02	ELAP#: 11418

VOLATILE ORGANICS
SCDH SW-846 METHOD 8260

PARAMETER	CAS No.	RESULTS ug/kg
Dichlorodifluoromethane	75-71-8	<5
Chloromethane	74-87-3	<5
Vinyl Chloride	75-01-4	<5
Bromomethane	74-83-9	<5
Chloroethane	75-00-3	<5
Trichlorofluoromethane	75-69-4	<5
Acetone	67-64-1	<5
1,1-Dichloroethene	75-35-4	<5
Vinyl Acetate	108-05-4	<5
Carbon Disulfide	75-15-0	<5
Methylene Chloride	75-09-2	<5
trans-1,2-Dichloroethene	156-60-5	<5
1,1-Dichloroethane	75-34-3	<5
2-Butanone	78-93-3	<5
2,2-Dichloropropane	594-20-7	<5
cis-1,2-Dichloroethene	156-59-2	<5
Chloroform	67-66-3	<5
Bromochloromethane	74-97-5	<5
1,1,1-Trichloroethane	71-55-6	<5
1,1-Dichloropropene	563-58-6	<5
Carbon Tetrachloride	56-23-5	<5
2-Chloroethyl vinyl ether	110-75-8	<5
1,2-Dichloroethane	107-06-2	<5
Benzene	71-43-2	<5
Trichloroethene	79-01-6	<5
1,2-Dichloropropane	78-87-5	<5
Bromodichloromethane	75-27-4	<5
4-Methyl-2-Pentanone	108-10-1	<5
Dibromomethane	74-95-3	<5
cis-1,3-Dichloropropene	10061-01-5	<5
Toluene	108-88-3	<5
trans-1,3-Dichloropropene	10061-02-6	<5
1,1,2-Trichloroethane	79-00-5	<5

Lori Beyer

Lori Beyer
Laboratory Director



56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 • (631) 454-6100 • FAX: (631) 454-8027

Client: Able Environmental Group	Sample ID: North Country Rd. St. James (Penny's Garage Cesspool)
Date Received: 04/29/02	Laboratory ID: 0220961
Date Extracted: NA	Matrix: Soil Level: Low
Date Analyzed: 05/02/02	ELAP#: 11418

**VOLATILE ORGANICS
SCDH SW-846 METHOD 8260**

PARAMETER	CAS No.	RESULTS ug/kg
2-Hexanone	591-78-6	<5
1,3-Dichloropropane	142-28-9	<5
Tetrachloroethene	127-18-4	<5
Chlorodibromomethane	124-48-1	<5
1,2-Dibromoethane	106-93-4	<5
Chlorobenzene	108-90-7	<5
1,1,1,2-Tetrachloroethane	630-20-6	<5
Ethylbenzene	100-41-4	<5
m+p Xylene	108-38-3/106-42-3	<10
o-Xylene	95-47-6	<5
Styrene	100-42-5	<5
Isopropylbenzene	98-82-8	<5
Bromoform	75-25-2	<5
1,2,3-Trichloropropane	96-18-4	<5
n-Propylbenzene	103-65-1	<5
Bromobenzene	108-86-1	<5
1,3,5-Trimethylbenzene	108-67-8	<5
2-Chlorotoluene	85-49-8	<5
4-Chlorotoluene	106-43-4	<5
tert-Butylbenzene	98-06-6	<5
1,2,4-Trimethylbenzene	95-63-6	<5
sec-Butylbenzene	135-98-8	<5
4-Isopropyltoluene	99-87-6	<5
1,1,2,2-Tetrachloroethane	79-34-5	<5
1,3-Dichlorobenzene	541-73-1	<5
1,4-Dichlorobenzene	106-46-7	<5
1,2-Dichlorobenzene	95-50-1	<5
n-Butylbenzene	104-51-8	<5
1,2-Dibromo-3-chloropropane	96-12-8	<5
1,2,4-Trichlorobenzene	120-82-1	<5
Hexachlorobutadiene	87-88-3	<5
Naphthalene	91-20-3	<5
1,2,3-Trichlorobenzene	87-61-6	<5

Lori Beyer

Lori Beyer
Laboratory Director

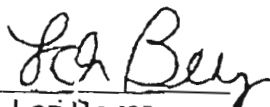


56 TOI FIDO STREET • FARMINGDALE, NEW YORK 11735 • (631) 454-6100 • FAX: (631) 454-8027

Client: Able Environmental Group	Sample ID: North Country Rd. St. James (Penny's Garage Cesspool)
Date Received: 04/29/02	Laboratory ID: 0220961
Date Extracted: NA	Matrix: Soil Level: Low
Date Analyzed: 05/02/02	ELAP#: 11418

VOLATILE ORGANICS
SCDH SW-846 METHOD 8260

PARAMETER	CAS No.	RESULTS ug/kg
Freon 113	76-13-1	<5
p-Diethylbenzene	105-05-5	<5
p-Ethyltoluene	622-96-8	<5
1,2,4,5,-Tetramethylbenzene	95-93-2	<5
Chlorodifluoromethane	75-45-6	<5
Methyl Tertiary Butyl Ether	1634-04-4	<5


Lori Beyer
Laboratory Director



56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 • (631) 454-6100 • FAX: (631) 454-8027



Appendix J

Determination of Site Contaminants of Potential Concern

Table 1
Comparison of Inorganic Analytes in Groundwater in Selected Wells
Smithtown Groundwater Contamination Site

Monitoring Well	Al	Cr	Cu	Fe	Pb	Mn	Ni	Ag	Zn	Cy
MW-1I (1)	666	14.0	11.1B	1130	ND	203	13.9 J	ND	21.7	1.7B
MW-4S (2)	3270	81.6	15.4 B	6050	2.8B	320	39.3J	ND	22.0	0.95B
MW-A (3)	1810	37.3	ND	2380	ND	143	24.1 J	0.61J	46.8J	2.2J
MW-3S (4)	138 B	20.2	10.9 J	178	4.0	48.7	13.8	ND	34.6 J	1.5B
MW-4D (5)	2340J	43.6J	17.4B	3020J	ND	148J	34.6J	ND	27.0J	2.2J
MW-6S (6)	500	7.2B	7.4B	1000	6.3J	146	10.9B	ND	39.6J	1.4B
MW-1 (7)	925.1	4.5B	3.8B	1734	5.1	276	4.6B	ND	22.5	NA
MW-8 (8)	244	9.4B	7.7B	8720	2.2B	83.4	5.8B	NA	25	NA
MW-9 (8)	119B	1.1B	12.4B	6630	5.2J	37	9.5B	NA	36	NA
MW-7 (9)	68.7	60.2	2.2B	160	1.2B	38.1	7B	ND	9.2B	ND

Notes:

- (1) Smithtown clean well, no VOCs detected, 2 sampling rounds
- (2) Smithtown clean well, Round 1, TVOCs = 2.3 ppb; Round 2, TVOCs = 0
- (3) Smithtown clean well, no VOCs detected, 2 sampling rounds
- (4) Smithtown contaminated well, Round 1 TVOC = 66.38; Round 2 TVOC = 137.68
- (5) Smithtown contaminated well, Round 1 TVOC = 41.48; Round 2 TVOC = 1.71
- (6) Smithtown contaminated well, Round 1 TVOC = 189.13; Round 2 TVOC = 100.8
- (7) Upgradient well at Lawrence Aviation site, Port Jefferson Station, Suffolk County
- (8) Upgradient wells at SMS site, Deer Park, Suffolk County
- (9) Upgradient well at Computer Circuits site, Naupaugue, Suffolk County

Table 2

**Summary of Inorganic Analyte Ranges
Smithtown Groundwater Contamination Site**

Inorganic Analyte	Range in all Site Wells (ug/L)	# of Detections & Average in all Site Wells (ug/L)	Range in Site Groundwater with No VOCs (ug/L) (1)	Range in Site Groundwater with VOCs (ug/L) (2)	Range in Superfund Site Upgradient wells (ug/L) (3)	SCWA Region 12 Sample Results (ug/L) (4)	SCWA Region 15 Sample Results (ug/L) (4)
Aluminum	51.3 - 11,300J	39/1,044	666 - 3,270	13.8J - 2,340J	68.7 - 925.1	ND - 520	ND - 190
Chromium	1.9B - 832	37/74.2	14.0 - 81.6	7.2B - 43.6J	1.1B - 60.2	ND	ND - 5.2
Copper	1.6B - 41.5J	31/11.8	ND - 15.4 B	7.4B - 17.4B	2.2B - 12.4B	ND - 550	ND - 210
Iron	99.7 - 17,500J	39/1,855	1,130 - 6,050	178 - 3,020J	80.9 - 8,720	ND - 1,587	ND - 1,203
Lead	ND - 7.5J	7/4.0	ND - 2.8B	ND - 6.3J	12B - 5.2J	ND - 5.3	ND - 8.0
Manganese	6.1J - 775J	39/130.5	143 - 320	48.7 - 148J	32.1 - 276	ND - 314	ND - 92
Nickel	3.6B - 623	37/39.8	13.9 J - 24.1J	10.9B - 34.6J	5.8B - 9.5B	ND - 10.5	ND - 9.5
Silver	ND - 2.4B	7/1.2	ND - 0.61J	ND	ND	NA	NA
Zinc	3.5B - 53J	38/18.5	21.7 - 46.8J	27.0J - 39.6J	9.2B - 36	ND - 380	ND - 290
Cyanide	ND - 3.5J	31/2.0	0.95B - 2.2J	1.4B - 2.2J	ND	NA	NA

SCWA = Suffolk County Water Authority

Region 12 = Smithtown

Region 15 = Nissoquoque, south of Spring Hollow Road

ND = non detect; NA = not analyzed

Notes: (1) From Table 1, wells 1 through 3; (2) From Table 1, wells 4 through 6; (3) From Table 1, wells 7 through 9; (4) Results of numerous samples collected during 2002 throughout SCWA's drinking water distribution system. It is unknown if samples were collected before or after any treatment.

Table 3
Detections and Averages of Monitoring Well Results
Smithtown Groundwater Contamination Site

Monitoring Well	Al	Cr	Cu	Fe	Pb	Mn	Ni	Ag	Zn	Cy
Well	456.0	20.9	3.3	734.0	7.5	20.9	14.8	2.4	4.5	1.5
Detections	498.0	8.1	11.6	1,300.0	4.0	14.2	36.3	0.9	35.2	2.3
	663.0	14.0	4.9	1,220.0	2.8	220.0	7.0	0.8	7.6	1.7
	666.0	20.3	4.8	1,060.0	2.5	140.0	13.9	2.0	6.1	1.5
	729.0	17.4	11.1	1,130.0	2.4	203.0	12.4	0.8	21.7	1.0
	289.0	20.2	6.2	532.0	6.3	36.0	19.7	0.6	11.8	2.2
	138.0	24.4	10.9	168.0	2.3	48.7	13.8	0.8	21.5	1.0
	51.3	208.0	7.0	178.0		6.1	13.4		34.6	2.6
	430.0	81.6	18.4	691.0		52.0	16.0		5.1	1.3
	604.0	63.4	15.4	2,680.0		70.6	103.0		19.2	2.4
	3,270.0	20.8	11.3	6,050.0		320.0	60.8		22.0	2.2
	1,630.0	31.6	4.9	2,020.0		63.2	39.3		36.7	1.4
	867.0	14.5	36.2	1,600.0		178.0	16.5		8.8	2.1
	709.0	43.6	17.4	1,610.0		70.7	33.0		20.7	1.1
	781.0	3.8	16.0	1,380.0		131.0	11.4		7.7	1.8
	2,340.0	135.0	4.3	3,020.0		148.0	34.6		27.0	2.4
	303.0	4.8	7.7	425.0		63.1	41.7		4.8	1.4
	96.4	832.0	8.2	993.0		32.3	4.3		9.6	2.7
	228.0	1.9	26.9	140.0		31.5	82.7		5.4	2.2
	979.0	797.0	6.5	5,310.0		65.7	4.6		19.1	2.2
	448.0	7.2	21.6	487.0		109.0	623.0		9.7	2.1
	604.0	7.1	7.4	4,010.0		153.0	10.9		8.0	1.8
	500.0	29.1	12.6	1,000.0		146.0	6.4		18.3	2.4
	181.0	88.9	41.5	407.0		37.8	22.3		39.6	2.1
	2,410.0	11.7	3.0	4,810.0		340.0	60.5		14.2	2.3
	11,300.0	7.7	6.5	17,500.0		775.0	19.6		47.4	1.2
	103.0	37.3	2.5	389.0		276.0	6.3		33.0	3.5
	169.0	6.2	31.4	99.7		113.0	24.1		46.8	1.7
	1,810.0	25.9	1.9	2,380.0		143.0	4.5		5.2	2.5
	307.0	4.5	1.6	297.0		20.1	14.6		44.9	1.3
	664.0	2.0	3.3	833.0		41.8	3.6		6.6	3.6
	686.0	14.1		815.0		152.0	9.0		7.4	
	449.0	70.9		453.0		100.0	45.7		6.8	
	672.0	17.5		966.0		58.4	12.5		53.0	
	1,060.0	12.4		1,730.0		106.0	9.0		8.2	
	631.0	18.7		647.0		251.0	12.7		9.8	
	1,090.0	19.1		1,230.0		214.0	9.6		3.5	
	522.0			726.0		101.0			10.4	
	1,380.0			1,320.0		38.3				
Average	1,043.9	74.2	11.8	1,854.9	4.0	130.5	39.8	1.2	18.5	2.0
# of Samples	39 of 39	37 of 39	31 of 39	39 of 39	7 of 39	39 of 39	37 of 39	7 of 39	38 of 39	31 of 39

Source: Smithtown Remedial Investigation Report, Table 4-13; Results of 2 rounds of sampling (20 wells)

Table 4
Smithtown Groundwater Contamination Site

Key	Date	Street Address	Community	Aluminum (Al)	Chromium (Cr)	Nickel (Ni)	Tetrachloroethene
1428970303	03-Mar-97	1 Tide Mill Road	Saint James				-0.5
2428970303	03-Mar-97	339 River Road	Saint James	-5	5.71	1.6	4
2428970310	10-Mar-97	9 Tide Mill Road	Saint James	-5	2.05	-1	-0.5
3428970303	03-Mar-97	341 River Road	Saint James	-5	8.22	17.2	2
4428970303	03-Mar-97	20 Harbor Hill Road	Saint James	16.6	5.28	2.54	-0.5
11428970211	11-Feb-97	300 River Road	Saint James	-5	3.09	-1	4
12428970211	11-Feb-97	1 Tide Mill Road	Saint James	-5	3.92	-1	5
13428970211	11-Feb-97	337 River Rd	Saint James	-5	4.04	2.64	1
15428970211	11-Feb-97	16 Carman Lane	Saint James	5.71	2.59	-1	17
23428970213	13-Feb-97	22 Carman Lane	Saint James				-0.5
32428970127	27-Jan-97	277 Nissequoque River Rd	Saint James	6.9	1.55	-1	2
33428970127	27-Jan-97	6 Tide Mill Rd	Saint James	88.8	2.7	-1	2
34428970127	27-Jan-97	8 Tide Mill Rd	Saint James	-5	2.47	-1	5
35428970127	27-Jan-97	22 Carman Lane	Saint James	-5	2.77	-1	25
42428970220	20-Feb-97	21 Carman St	Saint James	-5	2.13	1.33	1
51428970203	03-Feb-97	26 Cordwood Path	Saint James		1.91		34
52428970203	03-Feb-97	3 Cordwood Path	Saint James		1.07		3
53428970203	03-Feb-97	4 Tide Mill Rd	Saint James	6.09	1.07	-1	-0.5
62428970106	06-Jan-97	271 Sachem Hill Pl	Saint James	3.97	4.54	3.43	10
63428970106	06-Jan-97	333 River Rd	Saint James	2.02	2.16	1.58	1
71428970107	07-Jan-97	19 Carman Lane	Saint James	-1	1.47	-1	-0.5
72428970107	07-Jan-97	12 Harbor Road	Head Of Harbor	7.21	2.08	-1	0.8
81428970108	08-Jan-97	7 Carman Lane	Saint James	1.82	2.25	1.08	1
92428970113	13-Jan-97	2 Tide Mill Rd	Saint James	1.29	2.46	-1	9
101428971229	29-Dec-97	11 Harbor Lane	Nissequoque	-5	2.02	-1	-0.5
101428980223	23-Feb-98	341 River Road	Saint James	-5	4.57	8.68	-0.5
101428980407	07-Apr-98	207B River Road	Saint James	119	3	3.8	-0.5
102428970505	05-May-97	1 Carman Lane	Saint James				-0.5
102428971229	29-Dec-97	9 Harbor Lane	Nissequoque	-5	1.98	-1	-0.5
102428980112	12-Jan-98	211A River Road	Nissequoque	-5	3.1	-1	-0.5
102428980223	23-Feb-98	341 River Road	Saint James				2
102428980407	07-Apr-98	207B River Road	Saint James				3
103428971229	29-Dec-97	12 Harbor Lane	Nissequoque	-5	3.1	1.5	3
103428980112	12-Jan-98	211 River Road	Nissequoque	-5	3.35	-1	-0.5
103428980309	09-Mar-98	9 Tide Mill Road	Saint James	-5	1.62	-1	-0.5
104428971117	17-Nov-97	4 Swan Place	Nissequoque	-5	1.31	1.44	-0.5

Table 4
Smithtown Groundwater Contamination Site

105428971117	17-Nov-97 10 Swan Place	Nissequoque	-5	1.21	-1	-0.5
105428971229	29-Dec-97 207B River Road	Saint James	13	2.68	1.81	1
106428971117	17-Nov-97 10 Swan Place	Nissequoque				-0.5
106428980112	12-Jan-98 260 Old Mill Road	Saint James	-5	2.09	1.7	-0.5
107428971117	17-Nov-97 3 Swan Place	Nissequoque	-5	1.26	1.31	-0.5
111428970624	24-Jun-97 6 Wetherill Lane	Saint James	-5	2.7	2.2	-0.5
111428971230	30-Dec-97 28 Harbor Lane	Nissequoque	64.4	3.43	1.56	-0.5
111428980106	06-Jan-98 2 Harbor Lane	Nissequoque	-5	2.61	-1	2
111428980113	13-Jan-98 242A Old Mill Road	Saint James	14.4	1.74	1.67	-0.5
111428980204	04-Feb-98 5 Watercrest Road	Saint James	-5	2.54	-1	-0.5
111428980210	10-Feb-98 335 River Road	Nissequoque	-5	1.51	1.09	-0.5
111428980302	02-Mar-98 6 Swan Place	Nissequoque	-5	4.03	3.33	-0.5
111428990126	26-Jan-99 205 Steep Bank Road	Saint James	16.8	1.68	1.64	-0.5
112428970624	24-Jun-97 7 Wetherill Lane	Saint James	9.3	3.8	-1	-0.5
112428971230	30-Dec-97 10 Harbor Lane	Saint James	-5	3.24	2.46	-0.5
112428980106	06-Jan-98 6 Tide Mill Lane	Nissequoque	-5	-1	-1	-0.5
112428980204	04-Feb-98 202A Steep Bank Road	Nissequoque	-5	3.22	-1	-0.5
113428970624	24-Jun-97 9 Watercrest Court	Saint James	7.5	5.4	5.3	0.5
113428971230	30-Dec-97 7 Harbor Lane	Saint James	13.3	4.3	1.18	0.5
113428980106	06-Jan-98 203 Steep Bank Road	Nissequoque	-5	1.76	-1	-0.5
113428980204	04-Feb-98 200 River Road	Nissequoque	-5	2.74	-1	0.9
113428980302	02-Mar-98 212 Old Mill Road	Nissequoque	-5	4.61	1.82	1
114428970624	24-Jun-97 9 Watercrest Court	Saint James				2
114428970804	04-Aug-97 4 Wetherill Lane	Saint James	-5	4.1	2	-0.5
114428971230	30-Dec-97 3 Tide Mill Lane	Saint James	-5	6.54	-1	6
114428980106	06-Jan-98 204 Steep Bank Road	Nissequoque	70.2	1.99	-1	-0.5
115428971230	30-Dec-97 207 River Road	Nissequoque	-5	6.9	1.19	5
116428970804	04-Aug-97 337 River Rd	Saint James				-0.5
116428971230	30-Dec-97 201B Steep Bank Road	Saint James	-5	2.62	-1	-0.5
117428971230	30-Dec-97 206 Steep Bank Road	Saint James	11.2	3.87	-1	-0.5
118428971230	30-Dec-97 205A Steep Bank Road	Saint James	-5	3.21	-1	-0.5
119428971230	30-Dec-97 205 Steep Bank Road	Saint James	18.9	2.54	-1	-0.5
121428970728	28-Jul-97 325 Nissequoque River Road	Nissequoque	16.9	1.7	-1	-0.5
134428010125	25-Jan-01 26 Harbor Lane	Saint James	7.86	1.83	2.65	-0.5
136428990325	25-Mar-99 211 River Road	Nissequoque	-5	2.51	1.96	-0.5
141428971204	04-Dec-97 12 Harbor Lane	Nissequoque	6.96	4.12	1.54	4
141428980305	05-Mar-98 3 Harbor Lane	Nissequoque	-5	2.74	1.23	9

Table 4
Smithtown Groundwater Contamination Site

143428971120	20-Nov-97	15 Highwoods Road	Saint James	-5	1.89	1.48	-0.5
144428980305	05-Mar-98	199 River Road	Nissequoque	-5	1.49	2.34	-0.5
146428980115	15-Jan-98	202 Steep Bank Road	Saint James	11.6	3.26	1.48	-0.5
151428970611	11-Jun-97	2 Fells Way	Head Of Harbor	6.2	6.6	3.4	0.5
151428980115	15-Jan-98	4 Tide Mill Lane	Saint James	-5	1.18	-1	0.9
152428970423	23-Apr-97	270 Sachem Hill Place	Saint James	17.9	16.9	2.6	15
152428970611	11-Jun-97	264 River Road	Saint James	29.4	3.9	1.2	-0.5
182428970519	19-May-97	343 River Road	Saint James	12.8	4.3	2.4	-0.5
184428970618	18-Jun-97	270 Sachem Hill Place	Saint James				-0.5
186428970618	18-Jun-97	26 Cordwood Path	Saint James				-0.5
231428970717	17-Jul-97	7 Wetherill Lane	Saint James				-0.5
402459980203	03-Feb-98	3 Watercrest Street	Saint James				160
403459980203	03-Feb-98	3 Watercrest Street	Saint James				-0.5
404459980203	03-Feb-98	541 Moriches Road	Head Of Harbor	-5	2.11	-1	-0.5
406459980112	12-Jan-98	322 Nissequoque River Road	Nissequoque	27.6	2.2	-1	0.8
408459980112	12-Jan-98	278 Nissequoque River Road	Nissequoque	13.1	4.51	-1	-0.5
415459980120	20-Jan-98	274A Nissequoque River Road	Saint James	-5	3.29	-1	3
416459980120	20-Jan-98	318 Nissequoque River Road	Saint James	-5	1.85	-1	-0.5
417459980120	20-Jan-98	318 Nissequoque River Road	Saint James	-5	-1	1.06	-0.5
418459980120	20-Jan-98	274B Nissequoque River Road	Saint James				-0.5
419459980120	20-Jan-98	274B Nissequoque River Road	Saint James	-5	2.29	-1	-0.5
420459980120	20-Jan-98	287 Nissequoque River Road	Saint James	-5	3.09	2.16	0.6
421459980120	20-Jan-98	287 Nissequoque River Road	Saint James	-5	3.81	2.04	0.6
434459980219	19-Feb-98	261B Old Mill Road	Nissequoque	-5	2.71	-1	-0.5
453459980129	29-Jan-98	288 River Road	Saint James	-5	3.33	-1	-0.5
454459980129	29-Jan-98	249 River Road	Saint James	-5	3.53	-1	2
455459980129	29-Jan-98	7 Watercrest Court	Saint James	-5	11.1	2.57	110
501577980302	02-Mar-98	207B River Road	Saint James				2
502577980218	18-Feb-98	46 Harbor Hill Road	Saint James	-5	4.31	4.24	3
502577980223	23-Feb-98	538 Moriches Street	Saint James	-5	7.48	-1	-0.5
502577980302	02-Mar-98	25 Harbor Road	Head Of Harbor	-5	4.07	1.6	-0.5
503577980302	02-Mar-98	25 Harbor Road	Head Of Harbor	-5	3.89	2.18	4
504577980122	22-Jan-98	201 River Road	Nissequoque	-5	2.91	-1	-0.5
504577980223	23-Feb-98	199A River Road	Saint James	-5	1.73	-1	-0.5
506577980112	12-Jan-98	539 Moriches Road	Head Of Harbor	8.69	2.47	2.56	-0.5
507577980112	12-Jan-98	537 Moriches Road	Head Of Harbor	7.28	2.63	1.33	-0.5
511577980114	14-Jan-98	546 Moriches Road	Head Of Harbor	-5	2.92	2.34	-0.5

Table 4
Smithtown Groundwater Contamination Site

513577980114	14-Jan-98 3 Watercrest Street	Saint James	-5	5.93	-1	200
513577980324	24-Mar-98 249 River Road	Saint James				-0.5
514577980114	14-Jan-98 3 Watercrest Street	Saint James	-5	6.45	8.32	
514577980324	24-Mar-98 249 River Road	Saint James				-0.5
515577980304	04-Mar-98 2 Tide Mill Rd	Saint James				-0.5
515577980324	24-Mar-98 249 River Road	Saint James				2
516577980304	04-Mar-98 2 Tide Mill Rd	Saint James				8
Negative values represent the analytical detection limit						
Data provided by Suffolk County Department of Health Services						
units - micrograms per lite (ug/L)						
See Figure 1-3 for location of addresses						

