New York State Department of Environmental Conservation
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Remedial Investigation Report

Modock Road Springs/DLS Sand and Gravel, Inc. Site (HW 8-35-013) Victor, New York

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List of Acronyms

1,1,1-TCA	1,1,1-Trichloroethane
1,1-DCE	1,1-Dichloroethene
AMSL	Above mean sea level
BA	Basement air
bgs	Below Ground Surface
CVOC	Chlorinated Volatile Organic Compound
CS	Crawl space air
DUSR	Data Usability Summary Report
DNAPL	Dense non-aqueous phase liquids
ECD	Electron capture detector
ft/d	Feet per day
FS	Feasibility Study
FA	First floor air
FWIA	Fish and wildlife impact analysis
FID	Flame ionization detector
GPS	Global positioning system
HVAC	Heating, ventilation, and air conditioning
IRMs	Interim remedial measures
K	Hydraulic conductivity
IIWA	Immediate Investigation Work Assignment
Malcolm Pirnie	Malcolm Pirnie, Inc.
MCL	Maximum Contaminant Level
ml	Milliliter
MIP	Membrane interface probe
µg/kg	Microgram per kilogram
µg/L	Micrograms per liter
mg/L	Milligrams per liter
MW	Monitoring Well
NFPA	National Fire Protection Association
NAPL	Non-aqueous Phase Liquid
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ppb	Parts per billion
ppm	Part-per-million
PDBs	Passive diffusion bags
PID	Photoionization detector
PRAOs	Preliminary Remedial Action Objectives
OA	Ambient (outdoor) air.
RAOs	Remedial Action Objectives
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
SS	Sub-slab vapor
SSD	Sub-slab depressurization
TestAmerica	TestAmerica Laboratories, Inc.
TCE	Trichloroethene
USEPA	United States Environmental Protection Agency
VOCs	Volatile Organic Compounds
Zebra	Zebra Environmental Corp.

1. Introduction

The New York State Department of Environmental Conservation (NYSDEC) tasked Malcolm Pirnie, Inc. (Malcolm Pirnie) to perform a Remedial Investigation and Feasibility Study (RI/FS) at the Modock Road Springs/DLS Sand and Gravel, Inc. Site (HW 8-35-013), in the Town of Victor, Ontario County, New York (Figure 1). The remedial investigation activities were conducted under the NYSDEC State Superfund Standby Contract No. D004439-9 in accordance with the *Remedial Investigation/Feasibility Study Work Plan* (Malcolm Pirnie, 2007a), which was submitted to NYSDEC on August 8, 2007. The RI/FS was initiated to evaluate and characterize the suspected source of the groundwater contamination, better define the extent of the dissolved-phase chlorinated volatile organic compound (CVOC) plume, determine whether actions are needed to address exposures related to soil vapor intrusion and the dissolved-phase CVOC plume, and assess remedial alternatives to address the potential source area and dissolved-phase CVOC plume.

1.1. Remedial Investigation Objectives

This RI Report summarizes the results of the field activities conducted to meet the following objectives:

- Identify possible source areas, potentially eliminate specific locations as disposal areas, and facilitate the selection of subsequent drilling locations;
- Characterize the overall distribution of contaminants in potential source areas;
- Define the limits of the dissolved-phase CVOC groundwater plume;
- Based on the distribution of contaminants and groundwater flow patterns, determine the hydraulic relationship between the groundwater system and the Modock Road Springs;
- Determine whether actions are needed to address exposures related to soil vapor intrusion; and
- Sufficiently characterize the geology and hydrogeology of the site to facilitate the evaluation of interim and final remedial alternatives.

1.2. Standards, Criteria, and Guidance (SCGs)

Title 6 of the NYSCRR Part 375 requires that SCGs are identified and that remedial actions conform with SCGs unless "good cause exists why conformity should be dispensed with." Standards and Criteria are cleanup standards, standards of control, and other substantive environmental protection requirements, criteria, or limitations promulgated under federal or state law that specifically address a hazardous substance, pollutant, contaminant, remedial action, or location. Guidance includes non-promulgated criteria and guidelines that are not legal requirements; however the site's remedial program should be designed with consideration given to guidance that, based on professional judgment, is determined to be applicable to the site.

The principle SCGs for the site are listed below:

General:

- 6 NYCRR Part 375 – Environmental Remediation Programs, including the Inactive Hazardous Waste Disposal Site Remedial Program
- 6 NYCRR Part 371 – Identification and Listing of Hazardous Wastes

Soil:

- 6 NYCRR Part 375 – Soil Cleanup Objectives
- 6 NYCRR Part 376 – Land Disposal Restrictions
- NYSDEC Division of Solid and Hazardous Materials TAGM 3028 "Contained-in" Criteria for Environmental Media (8/97)

Water:

- 6 NYCRR Part 700-705, Water Quality Regulations for Surface Water and Groundwater
- NYSDEC Division of Water TOGS 1.1.1 – Ambient Water Quality Standards and Groundwater Effluent Limitations

Air:

- NYSDEC Division of Air Resources Policy DAR-1 – Guidelines for Control of Toxic Ambient Air Contaminants
- 6 NYCRR Part 212 – General Process Emissions Sources
- NYSDOH October 2006 Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York

2. Background

The Modock Road Springs/DLS Sand and Gravel, Inc. site (site) is located in a rural/suburban area in the Town of Victor, Ontario County, New York (Figure 1). Based on the results of groundwater sampling at wells located at and downgradient of the site (Figure 2), a dissolved-phase CVOC groundwater plume extends from the 169-acre DLS Sand and Gravel, Inc. property approximately 7,500 feet to the north where groundwater discharges to surface water via a series of springs to the south of Modock Road. Over the length of the dissolved-phase CVOC plume, total CVOC concentrations in groundwater historically have ranged from a maximum concentration of approximately 16,000 micrograms per liter (µg/L – equivalent to parts per billion) in the central portion of the plume to approximately 150 µg/L in groundwater immediately upgradient of the Modock Road Springs. Total CVOC concentrations in groundwater discharging at the springs ranged from approximately 75 to 250 µg/L.

2.1. Physical Setting

Land use is agricultural and residential adjacent to and north of the DLS Sand and Gravel, Inc. property, in the area of the dissolved-phase CVOC plume. Farther to the north, between Dryer Road and Modock Road (shown on Figures 1 and 2), land use is rural/suburban with some recent home construction. Sand and gravel mines are located to the east and west of the DLS Sand and Gravel, Inc. property.

The topography in the area of the dissolved-phase CVOC plume generally slopes downward to the north, but consists of rolling hills with elevations varying from approximately 620 feet above mean sea level (AMSL) near the Modock Road Springs to approximately 900 feet AMSL near the DLS Sand and Gravel, Inc. property.

2.2. Hydrogeology

The actual Modock Road Springs, located in the transition zone between the Erie-Ontario Lake Plain and the Appalachian Upland Physiographic Provinces, are situated along the lower slope of a large kame moraine complex formed by meltwater issuing from a stagnating continental glacier more than 10,000 years ago. Aggregate mining operations (DLS Sand and Gravel, Inc., a second sand and gravel mine located on Malone Road directly west of the site, and a third mine to the east of the site) along the crest of this kame moraine complex have exposed thick sequences of stratified sands, gravels, and occasional silt and clay layers which underlie the hummocky topography. As shown on

Figure 3, the surficial geology in the central and southern portion of the site consists of lacustrine sand while outwash sand and gravel is present from the northern portion of the site to Dryer Road. Kame deposits are located to the west and southwest of the site and the outwash sand and gravel at the site is most likely related to this kame deposit. Lacustrine sand is present from Dryer Road to the Modock Road Springs and outwash sand and gravel is generally present north of Modock Road.

The permeable soils of this moraine complex provide groundwater recharge areas for regional aquifer systems, such as the Irondogenesee Aquifer (incised buried valley of the pre-glacial Genesee River; coincident with present-day Irondequoit Creek). At distinct changes in topography (e.g., toe of slope) and stratigraphy (e.g., clay layers), groundwater may discharge to the surface as springs and wetlands. Small spring-fed streams, which originate at the Modock Road Springs and other springs in the area, form the headwaters of a tributary of Irondequoit Creek, a Class C (T) stream, indicating that it supports fisheries, is suitable for non-contact activities, and may support a trout population.

2.3. Site History and Previous Investigations

Data collected during previous investigations have documented the presence of CVOCs, including trichloroethene (TCE), 1,1,1-trichloroethane (1,1,1-TCA), and 1,1-dichloroethene (1,1-DCE), in groundwater and surface water at the Modock Road Springs. Data (analytical sampling results, concentration gradients, groundwater elevations, and hydraulic gradients) indicate that the upgradient portion of the dissolved-phase CVOC plume is located on the DLS Sand and Gravel, Inc. property, which was subsequently listed on the New York State Registry of Inactive Hazardous Waste Disposal Sites as Class 2 in 2001. A site is listed as Class 2 when a consequential quantity of hazardous waste has been confirmed and the presence of such hazardous waste or its components or breakdown products represent a significant threat to the environment or to health as described in 6 NYCRR Part 375-1.4.

The CVOC contamination was initially discovered in February 1990 during a New York State Department of Health (NYSDOH) initiative to sample small community water supplies across New York State. This initiative included the sampling of the Village of Victor community water system which had relied on the Modock Road Springs as a source of supply since approximately 1925. During this community water supply sampling, TCE, 1,1-DCE, and 1,1,1-TCA were detected in the Modock Road Springs. Both TCE and 1,1,1-TCA were detected in the spring water at concentrations (11 and 35 µg/L, respectively) greater than the NYSDOH maximum contaminant level (MCL) of 5 µg/L. As a result, the use of the springs as a public water supply ceased and the Village of Victor connected to the Monroe County Water Authority as a source of drinking water. Earlier sampling of the Modock Road Springs drinking water source in 1980 did not

reveal the presence of the solvent contamination. Total CVOC concentrations have decreased from approximately 50 µg/L in samples collected since 1995 from the wetland/stream that originates from the Modock Road Springs to near non-detectable levels within a half mile downstream (north) of the springs.

Detailed sampling of the individual eastern and western springs documented that the contaminants (TCE, 1,1,1-TCA, and 1,1-DCE) were present in the eastern springs and not present in the western springs. A report prepared for the Town of Victor (Engineering-Science,1990) concluded that the solvent contamination does not appear to be migrating from the west. The report concluded that the contamination appeared to be localized and in a direction southeast of the eastern spring collection system.

Following discovery of the CVOC contamination in the Modock Road Springs, the sampling of nearby private water supply wells was immediately started to determine if these domestic water supplies were impacted, the Village of Victor connected to the Monroe County Water Authority municipal water supply, public water lines were expanded, and a series of investigations were completed by the NYSDEC, NYSDOH, and the Town of Victor to identify a source for the contamination. Given the rural/suburban nature of the community upgradient of the springs, there were no obvious suspect source areas.

To determine if private water supplies were also impacted by the CVOC contamination, approximately 97 domestic water supply wells in the vicinity of the Modock Road Springs (Figure 4) have been sampled since 1990 for laboratory analysis. The sampling showed that the contaminants also impacted three (3) residential wells at concentrations that exceeded the drinking water standards. These three homes were subsequently connected to municipal water.

Between 1995 and 2000, the NYSDEC installed monitoring wells to the south and hydraulically upgradient of the Modock Road Springs to delineate the dissolved-phase CVOC plume and determine the potential source of the groundwater contamination. Seven monitoring wells (MW-1 through MW-7 on Figure 2) were installed in 1995 as part of an Immediate Investigation Work Assignment (IIWA) (Parsons Engineering Science, 1995). These wells are located hydraulically upgradient of, and within 1,200 feet to the southeast of, the Modock Road Springs. Except for MW-3, the three CVOCs detected in the Modock Road Springs (TCE, 1,1,1-TCA, and 1,1-DCE) were detected in each of these monitoring wells. The data collected from these wells did not identify a source for the contamination, but suggested that the source was further to the south in an upgradient direction.

To expand on the initial seven wells that were installed, monitoring wells MW-8, MW-9, and MW-11, located on Dryer Road, and MW-10, located on Surrey Lane, were installed in October 1999. The wells on Dryer Road were installed to further evaluate

groundwater quality in an upgradient direction and also downgradient of a sand and gravel borrow pit. No CVOCs were detected in the Dryer Road monitoring wells (MW-8, MW-9, and MW-11) and trace levels (3 µg/L) of total CVOCs were detected in MW-10 (Surrey Lane). At approximately the same time that these monitoring wells (MW-8, MW-9, MW-10, and MW-11) were installed and sampled, a shallow domestic water supply well was sampled at the intersection of Hunter's Run and Dryer Road. The groundwater sample collected from the domestic water supply well contained total CVOCs at a concentration of approximately 380 µg/L and suggested that a source for the contaminants existed further to the south. As such, three additional monitoring wells (MW-12, MW-13, and MW-14 on Figure 2) were installed further to the south and just north of the DLS Sand and Gravel, Inc. property in November 2000. Total CVOC concentrations were detected at concentrations of approximately 1,200 and 16,000 µg/L in groundwater samples collected from MW-13 and MW-14, respectively. Based on these groundwater sample results along with groundwater flow directions, the data suggested that the TCE, 1,1,1-TCA, and 1,1-DCE detected in the Modock Road Springs and groundwater upgradient of the springs was originating from the DLS Sand and Gravel, Inc. property.

Based on the NYSDEC's findings, DLS Sand and Gravel, Inc. installed 11 monitoring wells (SS&G MW-1 through SS&G MW-11 on Figure 2) in 2001 (Leader Professional Services, 2002). The majority of these wells were installed on DLS Sand and Gravel, Inc. property. Based on water levels measured from the monitoring wells, an east-west trending groundwater flow divide was identified in the southern portion of the DLS Sand and Gravel, Inc. property between SS&G MW-4 and SS&G MW-7 (Figure 2). The investigation results were summarized in a November 2002 *Groundwater Investigation Summary Report* (Leader Professional Services, 2002).

At the request of NYSDEC and related to mining operations, but not part of this RI scope, DLS Sand and Gravel, Inc. installed two additional monitoring wells (SS&G MW-15 and SS&G MW-16) in the northwestern corner the site in May 2008 (Figure 2). Groundwater samples collected from both of these monitoring wells did not contain CVOCs (Leader Professional Services, 2008).

As previously mentioned, data collected during the investigation activities following the discovery of the CVOCs in the Modock Road Springs in 1990 led to the listing of the DLS Sand and Gravel, Inc. property, on the New York State Registry of Inactive Hazardous Waste Disposal Sites as Class 2 in 2001.

2.4. Aerial Photograph Review

Aerial photographs from 1938, 1954, 1963, 1985, 1994, and 2004 were obtained from FirstSearch Technology Corporation and are included in Appendix A. No suburban

developments were present near the site in the 1938, 1954, or 1963 aerial photographs. The area around the site consisted of some forested, but mostly agricultural lands with a couple farmhouses on Dryer Road, to the north of the DLS Sand and Gravel, Inc. property. The Hunter's Run, Trotwood Lane, and part of the Surrey Lane developments, located between Dryer and Modock Roads, were constructed in the 1985 photograph. Several residences had also been constructed along Dryer Road near Hunter's Run by 1985. The Red Fox Run development had been constructed by and the Heather Lane development was under construction in 1994. The Pine Tree Drive development was constructed between 1994 and 2004. Based on site visits and review of the 2004 aerial photograph, no significant development in the vicinity of the site has occurred in the last four years.

Based on the review of these photographs, the DLS Sand and Gravel, Inc. property consisted of agricultural fields in 1938 and 1954. The 1963 photograph shows that mining had begun in the southeastern portion of the DLS Sand and Gravel, Inc. property. Mining operations had expanded to encompass most of the eastern half of the DLS Sand and Gravel, Inc. property by 1985 and began expanding into the northwestern portion of the DLS Sand and Gravel, Inc. property by 1994. Continued expansion into the northwestern portion of the DLS Sand and Gravel, Inc. property can be seen in the 2004 aerial photograph. Although no specific evidence of disposal activities can be seen in these photographs, some land disturbance can be seen in the north-central portion of the DLS Sand and Gravel, Inc. property in the 1963 aerial photo, which was taken prior to mining this area.

2.5. Conceptual Site Model

Information obtained during the previous investigations was used to develop an initial conceptual site model, which summarizes the site-specific geology, the depth and flow of groundwater, and the potential CVOC sources. Groundwater flows from the south in the vicinity of a groundwater flow divide in the southern portion of the DLS Sand and Gravel, Inc. property to the north toward the Modock Road Springs. The depth to groundwater varies considerably depending upon location within the hummocky lacustrine and outwash deposits. Specifically, at MW-5, which is approximately 300 feet upgradient of the Modock Road Springs (Figure 2), the water table is at a depth of approximately 10 feet below ground surface (bgs). At MW-10 along Surrey Lane and at MW-14, just north of the DLS Sand and Gravel, Inc. property, groundwater occurs at a depth of approximately 80 feet and 60 feet bgs respectively. Analytical data indicate that groundwater in the water-table aquifer contains CVOCs, primarily TCE, 1,1,1-TCE, and 1,1-DCE. An underlying low permeability clay layer appears to restrict groundwater contamination to the uppermost, approximately 10- to 50-foot thick, zone of saturated sand and gravel. Based on information from residential wells, depth to bedrock (Bertie

Formation/Onondaga Limestone) varies from roughly 150 to 200 feet bgs. Water samples from bedrock residential wells have not contained CVOCs.

The initial conceptual site model did not include a source area/approximate location where the solvents were disposed. Additionally, data were not collected to understand the migration of CVOC vapors into overlying structures.

3. Summary of Remedial Investigation Field Activities

In August 2006, the site was referred to the NYSDEC Division of Environmental Remediation for the completion of a RI/FS, the goal of which is to evaluate and characterize the suspected source of the groundwater contamination, better define the extent of the dissolved-phase CVOC plume, determine whether actions are needed to address exposures related to soil vapor intrusion and the dissolved-phase CVOC plume, and assess remedial alternatives to address the potential source area and dissolved-phase CVOC plume. The field activities described in this section were conducted in accordance with the *RI/FS Work Plan* (Malcolm Pirnie, 2007a), the *Immediate Investigation Work Plan* (Malcolm Pirnie, 2007b), and the October 2006 Final NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, and include:

- Air and sub-slab vapor sampling and sub-slab depressurization system installation;
- Domestic Water Supply Sampling;
- Passive soil gas sampling;
- Direct push drilling with soil sampling and membrane interface probe logging;
- Test pit excavation;
- Subsurface drilling and monitoring well installation;
- Water level measurements;
- Groundwater and surface water sampling;
- Hydraulic conductivity testing;
- Monitoring well survey; and a
- Fish and wildlife impact analysis.

3.1. Air and Sub-slab Vapor Sampling

In advance of the RI/FS, a soil vapor intrusion investigation was completed as part of an IIWA during the 2006/2007 heating season and summarized in an IIWA Report (Malcolm Pirnie, 2008). The goal of the indoor air sampling was to determine whether actions are needed to address exposures related to soil vapor intrusion of volatile organic compounds (VOCs) known to be present in groundwater beneath residential homes between the site and the Modock Road Springs. Soil vapor intrusion sampling was conducted at 64 residences between February 12 and May 22, 2007. The locations of these residences and the locations where samples were collected during the 2007/2008 heating season are shown on Figure 5. Prior to sampling at each of the selected residences, an inspection was conducted to complete a general inventory of household products that could interfere with the interpretation of sampling results and document heating, ventilation, and air conditioning (HVAC) systems. Building questionnaires and product inventories were completed for each residence. Samples were collected over a 24-hour period from the following locations:

- Sub-slab vapor (SS);
- Crawl space air (CS);
- Basement air (BA);
- First floor air (FA); and
- Ambient (outdoor) air (OA).

The abbreviation in the parenthesis following each air sampling location above corresponds to the sample location identification. Air and sub-slab vapor samples were analyzed by Columbia Analytical Services, Inc. or Chemtech for a NYSDEC-specified list of VOCs using United States Environmental Protection Agency (USEPA) Method TO-15. The analytical data was validated by Data Validation Services according to the NYSDEC Division of Environmental Remediation Data Usability Summary Report (DUSR) guidelines.

The NYSDEC and NYSDOH also recommended that additional sampling in buildings to the north, east, and west of previous sampling locations be completed during the 2007/2008 heating season. This expanded sampling was completed to ensure that the vapor intrusion investigation area is bounded by locations where no further action is the outcome based on data evaluation. This expanded vapor intrusion sampling was completed at eight properties: three (3) homes to the west of the groundwater plume, one (1) home to the east of the plume, and four (4) homes to the north of the plume and on Modock Road. In addition, post-mitigation sampling was completed at the six (6)

locations where the NYSDEC installed mitigation systems following the initial vapor intrusion sampling program and follow-up vapor intrusion monitoring was completed at five (5) locations. This expanded and follow-up vapor intrusion sampling was completed between December 11, 2007 and February 18, 2008 as part of the RI/FS to further evaluate whether actions are needed to address exposures related to soil vapor intrusion.

3.2. Sub-slab Depressurization System Installation and Testing

In the vicinity of the dissolved-phase CVOC plume, sub-slab depressurization (SSD) systems, which are analogous to radon mitigation systems, have been installed in 6 residences by the NYSDEC and 31 residences by the Town of Victor. The installation of additional SSD systems by the Town of Victor is pending. In addition, radon mitigation systems were installed at nine residences prior to initiating the RI/FS. The locations of these systems are shown on Figure 6. The SSD system installations and subsequent physical/communication tests, which evaluate the effectiveness of each system, are summarized below.

3.2.1. Systems Installed by the NYSDEC

As part of the RI/FS, Malcolm Pirnie assisted with the design and observed the installation of SSD systems at six residences shown on Figure 6. These SSD systems were installed between June 15 and August 15, 2007. Malcolm Pirnie subcontracted with Mitigation Tech, Inc. to install mitigation systems at these residences in accordance with Standard Practice for Installing Radon Mitigation Systems in Existing Low-Rise Residential Buildings (ASTM E-2121) and the October 2006 NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. One mitigation system was initially installed by Aztech Technologies, Inc., but was subsequently replaced by Mitigation Tech. The initial system lacked the aesthetic quality and noise reduction that the homeowner desired. The new system installation eliminated the existing external fan and 4-inch PVC piping. The original suction point was utilized, but a new GP501 fan was relocated above the garage with extracted sub-slab vapor exhausted through the garage roof.

In general, SSD systems included PVC pipe and fittings, PVC hangers, a properly sized fan, fire stops, a roof boot, a permanently installed wiring system in accordance with National Fire Protection Association (NFPA) 70, an electrical switch, a U-tube manometer (i.e. Radon Away Easy Read Dynameter), urethane sealant, and backer-rod. Each SSD system installation was unique; the final system installations were designed to be the most feasible application for each residence, while maintaining a negative pressure in the sub-slab. Each installation required adaptations implemented by the subcontractor and approved by the homeowner. SSD system design considerations include durability, reliability, ability to maintain, physical comfort for occupants, noise issues for occupants and neighbors, and the impact on interior and exterior building appearance.

One or two sub-slab vapor extraction points were installed in each residence. A centrifugal in-line fan (RADONAWAY RP-145) was installed in each residence to provide sub-slab ventilation. Oil-filled U-tube manometers were installed as a visual indicator of system operation and vacuum. Before leaving each residence following installation, the installation contractor explained the system operation to the resident and placed identifying labels on the basement portion of the pipe.

3.2.2. Systems Installed by the Town of Victor

Following the initial vapor intrusion sampling program, the Town of Victor administered a $50,000 New York State emergency grant. This funding, appropriated by a local state senator, was used to provide homeowners, who were included in the NYSDEC vapor intrusion sampling program and, based on the NYSDEC vapor intrusion sampling results, the installation of a SSD system was not necessary, with the option to request the installation of a SSD system. In total, 31 SSD systems were installed with this funding and additional SSD system installations are pending (Figure 6).

3.2.3. Sub-slab Depressurization System Testing

Physical/communication tests were conducted at the six mitigation systems installed by the NYSDEC, eight of the nine residences in which radon mitigation systems were previously installed, and 18 of the systems that were installed by the Town of Victor. Figure 6 illustrates the locations where the NYSDEC completed physical/communication testing for these systems and the test dates. These tests were conducted to evaluate if each of the systems were operating as designed and to confirm the presence of a vacuum within the sub-slab material over the entire building footprint. A digital micro-manometer, capable of measuring the sub-slab to indoor air differential pressure to 0.001 of an inch of water column, was used and/or a smoke test was conducted as part of each communication test. Depending upon the home construction and the mitigation system installation, the sub-slab vacuum was measured in between two (2) and six (6) test points at each location. Following each test, the NYSDEC provided summary letters to each of the homeowners.

Following an offer to residents by the NYSDEC to complete physical/communication testing of the systems installed by the Town of Victor, a total of 18 of the systems were subsequently evaluated. Based on the communication testing at 14 of the locations, a vacuum was measured beneath the basement floor at each test point indicating that the mitigation systems were operating correctly. At the remaining four (4) locations, a vacuum was not recorded at each test point indicating that the mitigation systems were not depressurizing the entire area beneath the basement floors. As such, the NYSDEC summarized the results in a letter to the homeowner indicating that the installer be notified and the system adjusted to achieve a vacuum above the EPA recommendations beneath the entire basement area. Physical/communication tests confirmed that the six mitigation systems installed by the NYSDEC and eight residences in which radon

mitigation systems were previously installed were operating as designed and negative pressures were present within the sub-slab material at each of these residences.

3.3. Domestic Water Supply Sampling

To determine if private water supplies were impacted by CVOCs, NYSDEC/NYSDOH offered to sample residential wells within an approximate 1-mile radius of the site to the West, North, and East. A total of approximately 200 groundwater samples have been collected for laboratory analysis from approximately 97 domestic water supply wells by the NYSDEC and NYSDOH since 1990. Figure 4 illustrates locations where groundwater samples were collected from private wells. Three homes, with well water containing CVOC concentrations exceeding drinking water standards, were subsequently connected to municipal water. Private water supply analytical data were used to supplement the NYSDEC monitoring well groundwater analytical data to further delineate the dissolve-phase CVOC plume. Domestic water supply samples were typically collected from outside spigots and prior to treatment.

3.4. Passive Soil Gas Sampling

A passive soil gas investigation, using Be Sure® samplers provided by Beacon Environmental Services, Inc., was completed in the northern portion of the DLS Sand and Gravel, Inc. property and adjacent areas. The passive soil gas investigation was completed to identify potential source areas, to characterize the lateral extent of shallow soil contamination, and to potentially remove certain areas from consideration as suspect disposal areas. This information was used to guide subsequent site characterization activities and drilling programs.

Passive soil gas samples were collected from the northern and central portions of the DLS Sand and Gravel, Inc. property and the area to the south and southeast of monitoring well MW-14. Approximately 180 passive soil gas samplers were deployed at the locations shown on Figure 7 during three sampling events (June, July, and August 2007). At each sampling location, a photoionization detector (PID) capable of measuring part per billion levels of VOCs was used to screen shallow soil gas at the respective passive soil gas sampling point. Passive soil vapor samples were analyzed for 14 CVOCs by USEPA Method 8260B by Beacon Environmental Services, Inc. A survey flag, marked with sample identification information, was placed at each sample location and the sample coordinates were surveyed using a high-precision global positioning system (GPS).

Each consecutive sampling event was conducted to expand on and confirm the previous results. Passive soil gas samplers were deployed during the first sampling event in the vicinity of MW-18 and MW-19 in locations where groundwater data along with anecdotal information suggests that disposal of waste solvents may have occurred. The

second sampling event focused on areas to the north and east of the initial samples as well as to the west and northwest of the pond in the center of the DLS Sand and Gravel, Inc. property mine. During the third sampling event, passive soil gas samplers were deployed along the edge of the woods along the northeast DLS Sand and Gravel, Inc. property boundary and surrounding the previous samples in the center of the mine.

3.5. Direct Push/Geoprobe Drilling

The direct push/geoprobe drilling program consisted of eight shallow soil borings north of the Modock Road Springs, 29 deep membrane interface probe borings on the DLS Sand and Gravel, Inc. property, and 19 shallow soil borings on or near the DLS Sand and Gravel, Inc. property.

3.5.1. Shallow Soil Borings Near Modock Road Springs

Aztech Technologies, Inc. drilled eight shallow soil borings (GP-1 through GP-8) on May 8 and 9, 2007 to assess subsurface stratigraphy and to evaluate shallow groundwater quality in the vicinity of the Modock Road Springs (Figure 8). To collect soil samples, Geoprobe® Macrocores were collected continuously from ground surface to the desired depth, which ranged from 15 to 30 feet bgs. Temporary monitoring wells were installed in four borings (GP-2, GP-3, GP-4, and GP-6 on Figure 8) along Modock Road to delineate the dissolved-phase CVOC plume and determine if the CVOC groundwater plume extended beyond the springs, and to evaluate the hydraulic relationship between the groundwater system and the Modock Road Springs. Groundwater samples from three of the borings not completed as temporary monitoring wells (GP-1, GP-5, and GP-8 on Figure 8) were collected using a Geoprobe® Systems stainless steel screen point or temporary monitoring well. Surface water samples were also collected from the discharge point of the primary spring (SC-1), the culvert at Modock Road (ST-1), and two additional locations (ST-2 and ST-3) along the stream (headwaters of a tributary of Irondequoit Creek) emanating from the springs (Figure 8). Groundwater and surface water samples were analyzed by TestAmerica Laboratories, Inc. (TestAmerica) for VOCs by USEPA Method 8260B.

3.5.2. Membrane Interface Probe

Between September 4 and 13, 2007, Zebra Environmental Corp. (Zebra), using a Geoprobe® direct push rig, advanced a membrane interface probe (MIP) and soil conductivity probe at 29 locations on and near the DLS Sand and Gravel, Inc. property. At each boring location, Zebra advanced the MIP to the desired depth ranging from 17.5 to 70 feet bgs. The MIP boring locations are shown on Figure 9 and were selected based on the passive soil gas investigation results. The MIP boring coordinates were recorded during a high precision GPS survey.

The data recorded at each MIP boring location included depth, soil conductivity, and real time semi quantitative/qualitative contaminant information collected with an electron capture detector (ECD), PID, and flame ionization detector (FID). In general:

- The FID is used for detection of unsaturated hydrocarbons, including methane;
- A PID is used for general VOC screening including petroleum hydrocarbons; and,
- An ECD is used primarily for detection of CVOCs.

The MIP, which can detect fuel releases, chlorinated solvents, and non-aqueous phase liquid (NAPL) in real-time, was used to qualitatively characterize subsurface saturated and unsaturated zone VOC contamination at the site. The soil conductivity probe measured soil conductivity for subsurface correlation and vertical soil characterization. Response tests, using 1 part per billion (ppb) TCE per 500 milliliter (ml) water, were performed at the beginning and the end of each MIP boring.

3.5.3. Shallow Soil Borings on and Near the DLS Sand and Gravel, Inc. Property

From October 16 to 19, 2007, Geologic NY, Inc. drilled 19 soil borings with a Geoprobe® direct push rig on and near the DLS Sand and Gravel, Inc. property. The purpose of this investigation was to evaluate shallow soil quality and possible disposal areas identified during the passive soil gas and MIP investigations. The approximate soil boring locations are shown on Figure 10 and were based on the passive soil gas and MIP results.

To collect soil samples, Geoprobe® Macrocores were collected continuously from ground surface to the desired depth, which ranged from 16 to 48 feet bgs. A total of 41 soil samples were submitted to TestAmerica for VOC analysis using USEPA method 8260B. The MIP and PID screening results along with field observations were used to select soil samples for laboratory analysis. As directed by the NYSDEC, at boring locations where no contamination was detected, the subsurface soil samples selected for laboratory analysis were either collected from a fine-grained low permeability interface or from an area with increased soil moisture.

3.6. Test Pit Excavation

Under NYSDEC and Malcolm Pirnie, Inc. supervision, DLS Sand and Gravel, Inc. excavated 11 test pits on and near the site between April 23 and 25, 2008 (Figure 11). The test pits were excavated to approximately 18 to 20 feet bgs, with the exception of test pit 9, which was excavated to 7 feet bgs. The test pits ranged from 20 to 200 feet in length. PID screening along with field observations were used to select soil samples for laboratory analysis. No soil samples were collected from test pits 7, 10, or 11. At least

one soil sample was collected from each of the remaining test pits. A total of 17 test pit soil samples were analyzed by TestAmerica for Target Compound List VOCs using USEPA Method OLM04.2.

3.7. Subsurface Drilling and Monitoring Well Installation

Stearns Drilling, Inc., using a sonic drill rig, installed 15 groundwater monitoring wells during two phases of drilling. Six monitoring wells (MW-15, MW-16, MW-17S, MW-17D, MW-18, and MW-19) were installed in June 2007 and 9 monitoring wells (MW-20 through MW-23, MW-24S, MW-24D, and MW-25 through MW-27) were installed in July 2008.

These field activities were conducted to evaluate the overburden stratigraphy, groundwater quality, and groundwater flow patterns. Existing groundwater data along with the results of the previous RI/FS field work were used to select drilling and monitoring well locations. Subsurface soil samples were collected continuously from each of the soil borings until the target depth was encountered.

Subsurface soil samples were collected to obtain information on the characteristics of the overburden material and for submittal to a laboratory for further analysis. Soil was screened with a PID capable of measuring total VOCs in parts per billion (ppb) as the soil cores were opened. Select soil samples were sent to TestAmerica Laboratories, Inc. for VOC analysis by USEPA Method 8260B based on PID screening and field observations.

The monitoring wells were constructed similar to the construction of the existing monitoring well network. Prior to well installation, boreholes were drilled using sonic drilling methodologies, with continuous sampling to the top of the underlying confining unit. The shallow wells were installed at the top of the saturated zone and the deep wells (where appropriate) were installed with the screened interval above the confining unit. The monitoring wells were developed no sooner than 24 hours following installation by surging and pumping techniques.

On May 14, 2008, NYSDEC and Malcolm Pirnie manually installed three piezometers (Spring PZ-1 to Spring PZ-3) to evaluate spring water quality at several spring locations near the Modock Road Springs (Figure 2). The piezometers were installed by hand and constructed with 2-inch diameter PVC with two feet of screen. The bottoms of the piezometers were approximately 2.5 to 3 feet below ground surface.

3.8. Water Level Measurements

Malcolm Pirnie inspected the condition of, and measured water levels in, the existing monitoring wells on April 12, 2007, April 22, 2008, and July 29, 2008. The groundwater

elevations at each well, based on depth to water measurements on these dates, are provided in Table 1. Water levels were measured to the nearest 0.01 foot to prepare groundwater potentiometric contour maps and evaluate groundwater flow patterns. A groundwater potentiometric contour map, which is shown on Figure 12, was prepared using groundwater levels measured on July 29, 2008. Well inspection forms for the 12 wells installed prior to initiating the remedial investigation activities (MW-2 and MW-4 through MW-14), are included in Appendix B. Based on the well inspections and water level measurements, monitoring wells MW-1, MW-3, and SS&G-MW-1 were found to be destroyed.

3.9. Groundwater, Surface Water, and Spring Water Sampling

Groundwater, surface water, and spring water have been sampled since 1990 and analyzed for VOCs by USEPA Methods 624, 502.2, 8260B, or OLM03.0. Prior to initiating the RI/FS, NYSDEC sampled groundwater from one or more existing monitoring well during 16 sampling events between 1995 and 2006. As part of the RI/FS, groundwater samples were collected during two separate sampling events (June 2007 and June to August 2008) by NYSDEC and Malcolm Pirnie using passive diffusion bags (PDBs) or conventional sampling techniques. In total, approximately 40 wells, including the network of existing monitoring wells, newly installed monitoring wells as part of the Modock Road Springs RI/FS, and existing monitoring wells located on the DLS Sand and Gravel, Inc. property, were included in the groundwater sampling programs (Figure 2).

Surface and spring water sampling locations are shown on Figure 8. Since February 1990, when TCE, 1,1,1-TCA, and 1,1-DCE were first detected in the Modock Road Springs, at least one surface water sample has been collected from the Modock Road Springs or the surface water stream emanating from the springs during 30 separate sampling events. Six of these sampling events occurred during the remedial investigation. Surface water samples include Spring House (primary spring discharge point) and culverts at SC-1 (approximately 15 feet downgradient of Spring House), Modock Road, Raccoon Run, and Rabbit Ear Pass. Spring water samples have been collected from caissons at the western springs, upper eastern spring, middle eastern spring, and the eastern springs, and at the main collection box at Modock Road.

3.10. Hydraulic Conductivity Testing

Slug tests, which are in-situ methods for estimating saturated formation hydraulic conductivity (K) at intermediate to small scales, were conducted at selected monitoring wells to aid in estimating groundwater flow rates and evaluating groundwater flow patterns. Hydraulic conductivity testing was completed at monitoring wells MW-6

through MW-10, MW-13, MW-14, MW-15, MW-17S, MW-20, MW-21, MW-22, MW-23, MW-24S, MW-24D, MW-25, MW-26, MW-27 and SS&G MW-9 (Figure 2). The results of multiple slug tests at were averaged to estimate the K at each monitoring well tested.

3.11. Survey

Om P. Popli located and ran differential levels for the existing monitoring wells at the site and on the adjacent DLS Sand and Gravel, Inc. property. The wells were surveyed in UTM and State Plane coordinates referenced to the North American Datum of 1983. All elevations were surveyed in feet referenced to the North American Vertical Datum of 1988. The locations were surveyed to within 0.1 foot and elevations were surveyed within 0.01 foot. Om P. Popli set three semi-permanent control points for future use and marked the measuring point elevation with permanent black marker on the north edge of each well riser. The monitoring well survey results, which include the location and elevations of ground surface, top of well casing, and top of surface casing/curb box elevation (ring), are shown in Table 2. Monitoring well construction and other information, including casing and screen elevations, aquifer saturated thickness, and screen length, is provided in Table 3.

3.12. Fish and Wildlife Impact Analysis

A fish and wildlife impact analysis (FWIA) was performed through Step II-B in accordance with the October 1994 NYSDEC Division of Fish and Wildlife guidance entitled "Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites." Step I is a site description which includes the development of site maps (topographic, covertype, and drainage), a description of fish and wildlife resources and resource value, and an identification of applicable fish and wildlife regulatory criteria. Steps IIA and IIB are pathway and criteria-specific analyses, respectively. The FWIA report is included in Appendix C.

3.13. Handling of Investigation-Derived Wastes

Investigation derived wastes were stored and disposed of at the direction of NYSDEC. Containerized materials were labeled and staged at a designated location on the DLS Sand and Gravel, Inc. property. Three drums of soil cuttings, which were containerized in U.N.-approved, 55-gallon steel drums, were transported of site by Environmental Products and Services of Vermont, Inc. on September 25, 2008 and disposed of as non-hazardous waste.

3.14. Equipment Decontamination

All non-dedicated sampling equipment was cleaned initially and prior to being re-used. The following is the procedure for decontamination and does not apply to heavy equipment or drilling equipment, with the exception of split spoons or equivalent samplers. All heavy equipment and drilling equipment was steam cleaned prior to use and between locations.

The following decontamination procedures were followed for non-dedicated sampling equipment:

1. Wash and scrub with low phosphate detergent;
2. Rinse with tap water;
3. Rinse with nitric acid or isopropanol (pesticide grade or better);
4. Rinse thoroughly with deionized water; and
5. Air dry.

All tubing and bailers were dedicated to individual monitoring wells.

Field instrumentation was cleaned per manufacturer's instructions. Probes, such as those used in pH and conductivity meters, and thermometers were rinsed prior to and after each use with deionized water.

3.15. Data Usability

Validation of select analytical data was performed by Ms. Judy Harry of Data Validation Services, Inc., North Creek, New York. Ms. Harry's comments are incorporated in the summary data tables and the Data Usability Summary Reports (DUSRs) are included in Appendix D and E. As stated in the DUSRs, data are usable as reported, or usable with minor qualification. No data was rejected by the data validator.

4. Geologic and Hydrogeologic Conditions

4.1. Geology

During RI field activities, soil was logged during two direct-push drilling and two sonic drilling events. Boring logs are included in Appendices F, G, and H. In general, the uppermost portion of the overburden at the site consists of sand with variable amounts of gravel and discontinuous and intermittent silt lenses. West to east simplified geologic cross-sections along the tree line at MW-14 and at Dryer Road are shown on Figures 13 and 14. A low permeability clay layer underlies the uppermost, approximately 5- to 50-foot thick, zone of saturated sand and gravel and appears to be continuous over the entire area of the dissolved-phase CVOC plume. Borings were drilled deep enough to encounter the clay layer at 15 locations. The top of the clay layer ranges in elevation from approximately 740 feet AMSL in the central portion of the DLS Sand and Gravel, Inc. property to 610 feet AMSL near the Modock Road Springs. More than 30 feet of relatively high permeability saturated gravel and sand is predominant in the western portion of the dissolved-phase CVOC plume at Dryer Road (at MW-24S/D). In contrast, approximately 5 feet of saturated silt and sand was encountered in the eastern portion (at MW-22) of the dissolved-phase CVOC plume. Bedrock was not encountered in any of the soil borings drilled during the remedial investigation. Information from residential wells indicates that the top of bedrock (Bertie Formation/Onondaga Limestone) is approximately 150 to 200 feet bgs.

4.2. Hydrogeology

The saturated thickness above the clay in the area of the dissolved-phase CVOC plume thins from south to north. Near the Modock Road Springs the saturated zone of sand is approximately 5 to 15 feet thick. On and adjacent to the northern portion of the DLS Sand Gravel, Inc. property, the water-table aquifer is approximately 50 feet thick. As shown on Figure 12, groundwater flows in an arcuate pattern, which appears to be related to a significant difference in aquifer characteristics across the dissolved-phase CVOC plume, from a groundwater divide in the southern portion of the DLS Sand and Gravel, Inc. property approximately 7,500 feet to the north where it discharges to surface water via a series of springs directly to the south of Modock Road.

Water levels measured during the RI confirmed the presence of an east-west trending groundwater flow divide in the southern portion of the DLS Sand and Gravel, Inc. property between SS&G MW-4 and SS&G MW-7 (Figure 12). Groundwater flow to the

south of the divide is to the south and that the potentiometric surface generally coincides with the surface topography. In the central portion of the DLS Sand and Gravel, Inc. property, groundwater flows primarily to the north and turns to the northeast near the northern border of the site.

From the groundwater divide in the southern portion of the site to the northern border (a distance of approximately 2,000 feet), groundwater levels in the water-table aquifer decrease approximately 100 feet. As shown on Figure 12, the hydraulic gradient is highly variable on the DLS Sand and Gravel, Inc. property. In the central portion of the site, the gradient is relatively steep, as indicated by an approximately 40-foot decrease in water levels between SS&G MW-2 and MW-26, which are approximately 425 feet apart. The gradient decreases significantly between MW-26 and MW-18/MW-19, with approximately 5 feet of water-level change over approximately 500 feet. Similar to the area's topography, as groundwater flows to the northeast and off of the DLS Sand and Gravel, Inc. site, the hydraulic gradient increases.

As shown in Figure 12, groundwater flows from the DLS Sand and Gravel, Inc. property to the north-northeast. The direction of flow curves to the northwest in the agricultural fields to the north of the DLS Sand and Gravel, Inc. property and south of Dryer Road. This appears to be related to a significant difference in aquifer characteristics, which were observed in soil borings drilled along Dryer Road. The direction of groundwater flow is generally to the north beyond Dryer Road, but a northwesterly flow component develops before the groundwater discharges at the Modock Road Springs (Figure 12).

5. Nature and Extent of Contamination

The field activities described in Section 3 were conducted to evaluate the nature and extent of contamination at, and downgradient of, the DLS Sand and Gravel, Inc. property. Groundwater, surface water, surface and subsurface soil, indoor air, sub-slab vapor, and passive soil gas data relative to the SCGs is summarized in Table 4. The primary CVOCs present in groundwater throughout the plume are TCE, 1,1,1-TCA, and 1,1,-DCE. As such, the analytical data from various media (i.e. passive soil gas, sub-slab vapor, indoor air, soil, surface water, and groundwater) and a discussion of the nature and extent of contamination in each media are summarized below with specific evaluation of TCE, 1,1,1-TCA, and 1,1-DCE.

5.1. Soil Vapor Intrusion Sampling

Validation of air and sub-slab vapor analytical data was performed by Ms. Judy Harry of Data Validation Services, Inc., North Creek, New York. Ms. Harry's comments are incorporated in the summary data tables (Tables 5 and 6) and the Data Usability Summary Reports (DUSRs) are included in Appendix D. As stated in the DUSRs, data are usable as reported, or usable with minor qualification. No data was rejected by the data validator.

Sub-slab vapor (or crawl space air) and indoor air samples were collected from 72 residences in the vicinity of the dissolved-phase CVOC plume during the IIWA and RI (Figure 5). Consistent with groundwater quality, TCE, 1,1,1-TCA, and 1,1-DCE, were the primary CVOCs present in the sub-slab vapor and indoor air samples. TCE was detected in indoor air samples at concentrations greater than 5 $\mu g/m^3$ in 6 of 169 indoor air samples. These six samples were collected from three different residences and contained a maximum TCE indoor air concentration of 12 $\mu g/m^3$. There are no SCGs for 1,1,1-TCA or 1,1-DCE.

Residences with the highest sub-slab vapor CVOC concentrations are located over the dissolved-phase CVOC plume and are generally located next to residences with minimal to non-detect sub-slab vapor CVOC concentrations. Sub-slab vapor CVOC concentrations appear to be highly influenced by subsurface conditions, such as preferential pathways and zones of relatively impermeable material (i.e. clay). This is inferred based on the lithology observed during drilling activities and the variable distribution of CVOC concentrations in sub-slab vapor samples.

Based on a review of the relevant information and analytical data from the 2006/2007 heating season, the NYSDEC and NYSDOH recommended no further action for 40 homes, resampling for 10 homes, monitoring for 8 homes, and mitigation (installation of a sub-slab depressurization system, which is analogous to a radon mitigation system) for 6 homes (Figure 15). As discussed in Section 3.2.1, sub-slab depressurization systems were installed in these six residences in June, July, and August 2007. These six residences are each located over the dissolved-phase CVOC plume. Locations where sub-slab depressurization systems have been installed or where radon mitigation systems were installed prior to the RI/FS are shown on Figure 6.

During the expanded vapor intrusion sampling during the 2007/2008 heating season, air and sub-slab vapor samples were collected from additional residences so that the potential for vapor intrusion in homes along the margins or outside the margin of the plume was more fully understood. Based on the expanded sampling and as shown on Figure 15, the NYSDEC and NYSDOH recommended no further action at five (5) locations and re-sampling at three (3) locations during the 2008/2009 heating season due to inconsistencies in the vapor intrusion sampling data sets. At the five (5) locations where follow-up vapor intrusion sampling was necessary based on the initial sampling, the NYSDEC and NYSDOH recommended no further action at two (2) locations and follow-up monitoring at three (3) locations. The post-mitigation sampling completed at the six (6) locations where mitigation was necessary confirmed that the sub-slab depressurization systems are effectively ventilating vapors from beneath the homes. Based on the sampling results from the 2006/2007 and 2007/2008 heating seasons, all residences where NYSDEC and NYSDOH recommended mitigation or monitoring are bound by residences where no further action was recommended with the exception of the three (3) locations where re-sampling will occur during the 2008/2009 heating season. As previously stated, re-sampling will occur at these 3 locations due to inconsistencies in the vapor intrusion sampling data sets.

5.2. Domestic Water Supply Sampling

To determine if private water supplies were also impacted by the CVOC contamination, approximately 97 domestic water supply wells within one mile of the DLS Sand and Gravel, Inc. site (Figure 4) have been sampled since 1990 by NYSDEC and/or NYSDOH for laboratory analysis. The sampling showed that VOCs were present in well water at concentrations exceeding the drinking water standards at three (3) residential wells. These three homes were subsequently connected to municipal water.

The residential well water quality data were used to further delineate the dissolved-phase CVOC plume. None of the private wells screened in the bedrock contained CVOCs at concentrations exceeding the drinking water standards indicating that the dissolved-phase CVOC plume is confined to the overburden. Residential wells screened in the

overburden unit and within the area of the dissolved-phase CVOC plume contained water with CVOCs at concentrations comparable to nearby monitoring wells.

5.3. Passive Soil Gas Sampling

A passive soil gas investigation was completed in the north-central portion of the DLS Sand and Gravel, Inc. property and adjacent areas to identify potential source areas, characterize the lateral extent of shallow soil contamination, and potentially remove certain areas from consideration as suspect disposal areas. Passive soil gas samples were collected from this area because of the known geometry of the dissolved-phase CVOC plume and anecdotal information on disposal having occurred in this area.

As shown in the Beacon Environmental Services, Inc. passive soil-gas survey reports presented in Appendix I, TCE, 1,1,1-TCA, and 1,1,-DCE were the primary CVOCs detected in the passive soil gas samples. These CVOCs are also the primary contaminants in the dissolved-phase CVOC plume. TCE, 1,1,1-TCA, and 1,1,-DCE passive soil gas concentrations ranged from not detected to 10,501, 12,739, and 3,033 nanograms, respectively. No SCGs for passive soil gas results have been developed. However, based on conversations with Beacon Environmental Services, Inc. representatives and passive soil gas results from other sites, the concentrations detected in the passive soil gas samples are not indicative of a shallow CVOC source area or NAPL.

The presence and distribution of the CVOCs in the passive soil gas samples corresponds to the limits of the dissolved-phase CVOC plume. As shown in Figures 16, 17, and 18, the highest passive soil gas concentrations were present in samples collected along the north-central part of the DLS Sand and Gravel, Inc. property line. Specifically, the highest passive soil gas concentrations were detected approximately 200 feet east of monitoring well MW-18, within 200 feet north-northwest of monitoring well MW-19, 50 feet southwest of MW-14, and 250 feet southeast of MW-17D (Figures 16, 17, and 18).

TCE, 1,1,1-TCA, and 1,1-DCE were not detected the majority of passive soil gas samples. As shown on Figures 16, 17, and 18, areas where these CVOCs were not present in the passive soil gas samples include most of the plateau in the vicinity of MW-18 and MW-19 and the upland area by passive soil gas samples 001a through 007a. The samples collected in background locations from the agricultural field to the north of MW-13 (sample 103), the plateau to the west of the mine area and south of SS&G MW-15 (106), the area to the southwest of SS&G MW-2 (122 and 123), and the area to the south of MW-15 (051a, 052a, and 72) did not contain TCE, 1,1,1-TCA, or 1,1-DCE. Based on the passive soil gas results, these areas were ruled out as potential CVOC source areas.

1,1,1-TCA was the primary CVOC in passive soil gas samplers deployed along the western part of the passive soil gas investigation area with much lower levels of TCE and

1,1-DCE. The highest passive soil gas TCE and 1,1-DCE concentrations were in samples collected in the eastern portion of the investigation area. This pattern of relative CVOC concentrations is also reflected in the groundwater analytical data. At SS&G-MW-3, MW-13, and MW-15, 1,1,1-TCA groundwater concentrations tend to be higher than TCE results and there are slightly higher components of 1,1-DCE than in the central and eastern portions of the dissolved-phase CVOC plume.

Six passive soil gas samplers were also deployed at a residential property near the intersection of Hunter's Run and Dryer Road in the center of the dissolved-phase CVOC plume. TCE was not present in these samples. 1,1,1-TCA was detected in 5 of these six samples, ranging in concentration from 26 to 359 nanograms. 1,1-DCE was present in 4 of these six samples, ranging from 30 to 292 nanograms. These concentrations are two orders of magnitude lower than the highest concentrations in samples collected from the DLS Sand and Gravel, Inc. property and are not indicative of a source of CVOCs.

5.4. Direct Push/Geoprobe Drilling Investigations

5.4.1. Shallow Soil Borings Near Modock Road Springs

During an evaluation of the Modock Road Springs, eight direct-push soil borings were advanced in May 2008 (Figure 8). Groundwater samples were collected using a Geoprobe® Systems stainless steel screen point or temporary monitoring well at seven of the eight direct-push borings advanced on May 8 and 9, 2007 near the Modock Road Springs. As shown in Table 7, VOCs were not detected in groundwater sampled from the six borings advanced along Modock Road (GP-2 through GP-6 and GP-8). TCE and 1,1,1-TCA were present in the sample collected at GP-1 (42 and 15 µg/L, respectively), approximately 175 feet north of MW-5, at concentrations greater than the NYSDEC Class GA Standard (5 µg/L). 1,1-DCE was also present in groundwater sampled at GP-1 at an estimated concentration (2 µg/L) less than the respective NYSDEC Class GA Standard (5 µg/L).

5.4.2. Membrane Interface Probe

The MIP was advanced to at least 17.5 feet bgs and up to 70 feet bgs at the 29 MIP boring locations. Soil samples were not collected during MIP drilling activities. A summary of the MIP results provided by Zebra is included in Appendix J and a map illustrating the MIP sampling locations is included as Figure 9.

At MIP boring locations to the northeast of MW-18 and southwest of MW-14, several small increases in soil conductivity and ECD and/or FID response were common between approximately 8 to 14 feet bgs. The small increases in soil conductivity indicate the presence of silt and clay lenses at these locations. Small MIP responses were observed in

most MIP borings, although the 8 to 14 foot range was the only depth interval where there were consistent MIP responses. No SCGs for membrane interface probe results have been developed. However, based on conversations with Zebra representatives and MIP results from other sites, the MIP detections are not indicative of a shallow CVOC source area or NAPL. A more detailed discussion of the MIP results is presented in Section 7.3.3.

5.4.3. Shallow Soil Borings on and near the DLS Sand and Gravel, Inc. Property

The analytical data from the 42 soil samples collected from direct-push borings on and near the DLS Sand and Gravel, Inc. property are presented in Table 8. No direct-push drilling soil samples (all of which were from the unsaturated zone) contained CVOCs at concentrations greater than the most restrictive 6 NYCRR Part 375 soil cleanup objectives. The unrestricted use soil cleanup objectives, which are the most restrictive, represent the "concentration of a contaminant in soil which, when achieved at a site, will require no use restrictions on the site for the protection of public health, groundwater and ecological resources due to the presence of contaminants in the soil." 1,1,1-TCA and 1,1-DCE were not detected in any of the direct-push drilling soil samples. TCE was present at an estimated concentration in six of the 42 direct-push drilling soil samples at a maximum concentration of 4.1 micrograms per kilogram (µg/kg), which is two orders of magnitude less than the respective unrestricted use soil cleanup objective (470 µg/kg). These six samples were collected from 27, 23, 42, 15, 19, and 16 feet bgs from borings MIP 8, MIP 2, MIP 2, MIP 27, MIP 27, and SB101907-02, respectively.

5.5. Test Pit Excavation

As shown on Figure 11, test pits were excavated in the center of the DLS Sand and Gravel, Inc. mine, to the northeast of MW-18, and in the vicinity of SS&G MW-15. As shown on the test pit logs in Appendix K, test pits were excavated to a depth up to 20 feet bgs and as long as 200 feet in length. Soil was screened with a PID capable of measuring total VOCs in ppb as the soil was excavated. A total of 17 soil samples were collected from select intervals based on PID screening and field observations and shipped to TestAmerica Laboratories, Inc. for analysis of VOCs by USEPA Method 8260B.

The test pit excavation soil analytical data are summarized in Table 9 and the locations are shown on Figure 11. No test pit soil samples contained CVOCs at concentrations greater than the unrestricted use soil cleanup objectives. Of the 17 soil samples collected from the test pits, TCE was detected in seven samples with a maximum estimated concentration of 4.5 µg/kg in a sample collected from 20 feet bgs in Test Pit 6. These seven samples were collected from 19, 8, 18, 20, 8, 20, and 5 feet bgs from Test Pits 1, 2, 2, 4, 5, 6, and 9, respectively. With the exception of Test Pit 9, these detections were from test pits excavated in the center of the DLS Sand and Gravel, Inc. property near

monitoring well SS&G MW-2. 1,1,1-TCA and 1,1-DCE were not detected in any of the test pit soil samples. The maximum PID reading during the test pit excavation activities was 580 ppb, observed from 6 to 8 feet depth in Test Pit 5. TCE was detected in this soil sample at a laboratory estimated concentration of 1.1 µg/kg.

5.6. Surface Soil Data in Mine Area

Soil samples were collected from six stockpile, six mine face, one mine floor, and two processed gravel locations on the DLS Sand and Gravel, Inc. property on October 4, 2007 (Figure 19). TCE, 1,1,1-TCA, or 1,1-DCE were not detected in these 15 soil samples (Table 10).

5.7. Subsurface Drilling Soil Sampling

A total of 23 soil samples were collected for laboratory analysis during the well installation drilling activities. As shown in Table 11, 1,1,1-TCA and 1,1-DCE were not detected in any of the saturated or unsaturated soil samples collected during well installation activities at concentrations greater than the unrestricted use soil cleanup objectives (680 and 330 µg/kg, respectively). 1,1,1-TCA was detected in eight of the 23 well installation soil samples with a maximum concentration of 100 µg/kg. 1,1-DCE was present in six of the 23 well installation soil samples at estimated concentrations up to 18 µg/kg. TCE was detected in 13 of the 23 soil samples but was only present at concentrations greater than the unrestricted use and protection of groundwater 6 NYCRR Part 375 soil cleanup objectives (470 µg/kg) in soil collected from 65 to 67 feet bgs at MW-17S and MW-17D (990 and 700 µg/kg, respectively). These two samples were collected from just below the water table in the center of the dissolved-phase CVOC plume.

5.8. Groundwater, Surface Water, and Spring Water Sampling

Prior to initiating the RI, groundwater samples had been collected from monitoring wells MW-1 through MW-14 during multiple sampling events. Based on groundwater concentrations and water levels measured during a series of investigations between 1995 and 2000, the dissolved-phase CVOC plume was traced back to the DLS Sand and Gravel, Inc. property. Over the length of the dissolved-phase CVOC plume, total CVOC concentrations in groundwater historically have ranged from a maximum concentration of approximately 16,000 micrograms per liter (µg/L) in the central portion of the plume (at MW-14 sampled in November 2000) to approximately 150 µg/L in groundwater immediately upgradient of the Modock Road Springs. Total CVOC concentrations in groundwater discharging at the springs have ranged from approximately 75 to 250 µg/L. The maximum total CVOC concentration in groundwater sampled in 2001 from 11

monitoring wells installed on the DLS Sand and Gravel, Inc. property was 741 µg/L at SS&G MW-5. A summary of TCE, 1,1,1-TCA, and 1,1-DCE concentrations in groundwater samples collected since 1995 is provided in Table 12.

Based on the data collected to date, the dissolved-phase CVOC plume extends from the groundwater divide, in the southern portion of the DLS Sand and Gravel, Inc. property, approximately 7,500 feet to the north where groundwater discharges to surface water via a series of springs to the south of Modock Road (Figures 12, 20, and 21). Analytical data indicate that the CVOC plume discharges to the surface at the Modock Road Springs and CVOCs are not present in groundwater to the north of Modock Road. CVOCs are not present in groundwater collected from monitoring wells SS&G MW-10 and SS&G MW-11, which are located along the southern border of the DLS Sand and Gravel, Inc. property and south of the groundwater divide. The lack of CVOCs at SS&G MW-10, SS&G MW-11, and residential wells further to the south of the DLS Sand and Gravel, Inc. property indicates that the dissolved-phase CVOC plume has not migrated to the south of the groundwater divide.

The width of the dissolved-phase CVOC plume ranges from approximately 500 feet immediately to the south of the Modock Road Springs to 1,800 feet in the vicinity of Trotwood Lane (approximately 600 feet north of Dryer Road) with an average width of approximately 1,200 feet. The dissolved-phase CVOC plume thickness, which corresponds to the saturated thickness above the low-permeability clay, ranges from to less than 15 feet near the Modock Road Springs and at MW-22 along Dryer Road to approximately 53 feet at MW-15. The average dissolved-phase CVOC plume thickness is approximately 18.5 feet. The dissolved-phase CVOC plume dimension calculations are summarized in Appendix L.

Tables 13 and 14 summarize VOC concentrations in the 91 groundwater samples collected from the existing monitoring well network in June 2007 and June to August 2008. These tables also include a comparison to NYSDEC Class GA Standards. In cases where the laboratory instrument detected a response between the method detection limit and the reporting limit, the result was qualified as estimated by the laboratory ("J" qualifier). The reporting limit was greater than NYSDEC Class GA Standards in some samples, however the absence of a "J" qualifier for these results indicates that the compound was not present at a concentration greater than the method detection limit. The total CVOC concentration (sum of TCE, 1,1,1-TCA, and 1,1-DCE) at each monitoring well during these sampling events are shown on Figures 20 and 21. The 2007 and 2008 CVOC data from groundwater samples collected on the DLS Sand and Gravel, Inc. property and from existing NYSDEC monitoring wells (MW-2 and MW-4 through MW-14) were generally similar to or less than previous results.

TCE, 1,1,1-TCA, and 1,1-DCE are the primary constituents in the dissolved-phase CVOC plume. Of the 91 groundwater samples collected during the RI, TCE, 1,1,1-TCA, and 1,1-DCE were present in 36, 30, and 15 samples, respectively, at concentrations (up to 2,300, 330, and 55 µg/L, respectively) greater than the corresponding NYSDEC Class GA Standard (5 µg/L). In general, 75 to 90% of the total CVOC mass in the dissolved-phase CVOC plume is TCE, with 1,1,1-TCA comprising the majority of the remaining CVOC mass. Exceptions to this include MW-13, MW-15, and SS&G MW-3 where 1,1,1-TCA concentrations are greater than the TCE concentrations. MW-13, MW-15, and SS&G MW-3 are located in the western portion of the plume near the northern boundary of the DLS Sand and Gravel, Inc. property.

Shallow and deep overburden groundwater quality was evaluated at three locations where both shallow and deep wells were installed: MW-24S/D, MW-17S/D, and SS&G MW-1/Production well. As shown on Figure 14, MW-24S and MW-24D are both screened in the relatively high permeability gravel and sand, with MW-24D screened just above the low-permeability clay. Water levels and CVOC concentrations are similar in these two wells, indicating that there is little to no vertical component to groundwater flow and the dissolved-phase CVOC plume is present over the entire saturated thickness at this location.

As shown on Figure 13, the water level at MW-17S is approximately 14 feet higher than in MW-17D, which is screened in the underlying silt/clay unit. This indicates that there is limited hydraulic connection between the upper fine to coarse sand aquifer and the underlying clay/silt layer. This is also supported by the differing CVOC concentrations in groundwater sampled from these two monitoring wells (Table 14) which indicates that the dissolved-phase CVOC plume is confined to the upper fine to coarse sand aquifer at this location. The total CVOC concentrations at MW-17S were higher than at all other wells sampled during the June to August 2008 sampling event and CVOCs were not present in the sample collected from MW-17D.

A production well, which was drilled to approximately 220 feet below ground surface, is located in the southeastern portion of the DLS Sand and Gravel, Inc. property near monitoring well SS&G MW-7 (Figure 19). No VOCs were present in groundwater sampled from this well on October 4, 2007. The data indicate that shallow and deep groundwater at the production well and SS&G MW-7 has not been impacted by the dissolved-phase CVOC plume.

A surface water sample collected from the DLS Sand and Gravel, Inc. property pond located next to the abandoned well SS&G MW-1 (Figure 19) on October 4, 2007 contained an estimated TCE concentration of 2.1 µg/L. No other VOCs were detected in this sample.

As in the dissolved-phase CVOC plume, TCE, 1,1,1-TCA, and 1,1-DCE are the primary CVOCs in the surface water samples collected at and downgradient of the Modock Road Springs. A summary of TCE, 1,1,1-TCA, and 1,1-DCE concentrations in surface water samples collected since 1990 is provided in Table 15. Surface water VOC analytical data from samples collected during the RI are shown in Table 16. Select surface water sample CVOC data is shown spatially in Figure 22 and historic total CVOC concentrations in surface water at four sampling locations are presented graphically in Figure 23.

Both TCE and 1,1,1-TCA have consistently been detected in the Modock Road Springs water at concentrations greater than the NYSDOH MCL and NYSDEC Class GA Standard of 5 µg/L. The TCE concentration in the Modock Road Springs water has consistently exceeded the NYSDEC Class C Surface Water Standard of 40 µg/L. Surface water 1,1,1-TCA and 1,1-DCE concentrations at all sampling locations are generally less than those for TCE although NYSDEC has not established Class C Surface Water Standards for 1,1,1-TCA and 1,1-DCE.

As shown in Table 15, total CVOC concentrations in the 17 surface water samples collected since 1990 at the discharge point of the primary spring (sample labeled "Spring House") have ranged from 74 to 257 µg/L (compared to 112 to 148 µg/L in the six samples collected during the RI). Surface water samples collected from approximately 15 feet downstream of the spring discharge point (SC-1) and at Modock Road (ST-1), shown on Figure 8, have contained total CVOCs at concentrations as high as 174 and 75 µg/L, respectively. Only two of 14 surface water samples (from August 1995 and August 1996) collected at ST-1 since 1995 exceeded the NYSDEC Class C Standard for TCE of 40 µg/L. The TCE concentration in the five surface water samples collected at ST-1 during the RI ranged from 24 to 39 µg/L. The NYSDEC Class C Standard for TCE was not exceeded in surface water samples collected during the RI at the first culvert at Raccoon Run (ST-2 - approximately 700 feet downstream of Modock Road) and at the culvert at Rabbit Ear Pass (ST-3), approximately 3,000 feet downstream of the spring discharge point (maximum TCE concentrations of 20 and 1.8 µg/L, respectively).

Historic and recent spring water sampling indicates that CVOCs have not impacted the water quality of the western springs, which are located approximately 650 feet to the west of the primary spring (Spring House) of the eastern spring collection system. Sampling at both the western and eastern springs in 1990 documented that the contamination was restricted to the eastern springs. This was confirmed during the RI.

5.9. Soil and Groundwater Sampling for non-VOCs

On September 24, 2008, groundwater samples were collected from MW-14, MW-26, and SS&G-MW-5, and surface soil samples were collected in the vicinity of MW-14, MW-26, and SS&G MW-6. These samples were collected to obtain information on the

presence or absence of non-VOC constituents, including TAL metals, cyanide, TCL SVOCs, organochlorine pesticides, and TCL PCBs. A surface soil and groundwater sample were also collected at SS&G-15 and analyzed for TAL metals. A summary of these results is provided in Table 17.

Iron (2,000 µg/L) and sodium (94,600 µg/L) were present in the groundwater sample collected from MW-26 at concentrations greater than the respective NYSDEC Class GA Standards (300 and 20,000 µg/L, respectively). The magnesium concentration (35,400 µg/L) in groundwater sampled from SS&G MW-15 was greater than the NYSDEC Guidance Value (30,000 µg/L). Several pesticides were detected at estimated concentrations in the sample collected from MW-26 but at concentrations less than the respective NYSDEC Class GA Standards. No PCBs or SVOCs were present in the groundwater samples collected from MW-14, MW-26, or SS&G-MW-5.

TAL metals, cyanide, TCL SVOCs, organochlorine pesticides, and TCL PCBs were not present in soil collected from MW-14, MW-26, and SS&G MW-6 at concentrations greater than the corresponding 6 NYCRR Part 375 unrestricted use soil cleanup objectives. No metals results in the soil sample collected at SS&G-15 exceeded the respective 6 NYCRR Part 375 unrestricted use soil cleanup objectives. No pesticides or SVOCs were present in the soil samples collected at MW-14, MW-26, or SS&G MW-6. Two PCBs (1254 and 1260) were detected at estimated concentrations in the sample collected from SS&G MW-6 but at concentrations less than the respective 6 NYCRR Part 375 unrestricted use soil cleanup objectives.

5.10. Hydraulic Conductivity Testing

Hydraulic conductivity estimates from slug tests are summarized in Table 18. The hydraulic conductivity estimates were significantly higher in MW-24S, MW-24D and MW-21 than in MW-22. Relatively high hydraulic conductivity estimates at MW-6 and MW-7 (Table 18) also support the continuity of the sand and gravel aquifer and the CVOC plume in this area.

6. Human Health Exposure Pathway Analysis

A qualitative health exposure assessment was performed to identify potential exposure pathways of site contaminants to the general public. A quantitative assessment was not conducted.

Human exposure pathways to CVOCs originating from the dissolved-phase CVOC plume have been addressed by engineering controls. Specifically, sub-slab depressurization systems have been installed in residences where intrusion and the potential for intrusion of sub-slab vapors containing CVOCs were identified. Additionally, homes where residential well water contained CVOCs at concentrations greater than NYSDOH MCLs or NYSDEC Class GA Standards have been connected to a public water supply. Groundwater within the dissolved-phase CVOC plume is not being used as a drinking water source.

No unsaturated zone soil samples collected at the site contained CVOCs at concentrations greater than the 6 NYCRR Part 375 soil cleanup objectives. Utility workers are not expected to come into contact with groundwater containing CVOCs because the depth to groundwater at the site is greater than the depth of a typical utility excavation, except in the vicinity of the springs, which are on private property.

There is the potential for contact with surface water containing CVOCs originating from the site at concentrations greater than applicable SCGs. However, this surface water is located on private property in the vicinity of the Modock Road Springs. TCE and 1,1,1-TCA are present in the stream emanating from, and up to a half mile downstream of, the Modock Road Springs. Surface water CVOC concentrations in excess of NYSDEC Class C Standards were not present in samples collected downstream of the culvert at Modock Road (ST-1), which is located approximately 550 feet downgradient of the discharge point of the primary spring and at the outlet of the pond/wetland. Although this pond/wetland is located on private property, there are no barriers to trespassers or property owners contacting the surface water. As discussed in Section 5.8, TCE was also present in surface water sampled from the DLS Sand and Gravel, Inc. property pond at an estimated concentration of 2.1 µg/L which is less than the NYSDEC Class C Standard of 40 µg/L. Based on this data, the potential for exposures to VOCs at concentrations greater than SCGs associated with this pond is low to negligible.

7. Conceptual Site Model/Discussion

The hydrogeologic and analytical data presented in Sections 4 and 5 was used to update the conceptual site model. This model is used herein to facilitate the evaluation of potential CVOC source areas and migration pathways and provide an organizational structure for data collected during multiple investigations. These data include site-specific information on CVOCs in soil, groundwater, soil gas, sub-slab vapor, indoor and outdoor air and the geologic and hydrogeologic characteristics that affect the distribution, fate, and migration of the CVOCs.

7.1. Soil Vapor Intrusion

Sub-slab vapor and indoor air sampling results indicate that CVOC vapors have migrated upward through the vadose zone overlying the dissolved-phase CVOC plume. Consistent with groundwater quality, TCE, 1,1,1-TCE, and 1,1-DCE, were the primary CVOCs present in the sub-slab vapor and indoor air samples. Of the 72 residences where indoor air samples were collected, TCE was only detected in indoor air at concentrations greater than the SCG of 5 µg/m^3 at three residences, with a maximum concentration of 12 µg/m^3.

Residences with the highest sub-slab vapor CVOC concentrations are located over the dissolved-phase CVOC plume and are generally located next to residences with minimal to non-detect sub-slab vapor and indoor air CVOC concentrations. Based on a review of the relevant information and analytical data from the 72 residences where samples were collected, the NYSDEC and NYSDOH recommended mitigation (installation of a sub-slab depressurization system) at 6 homes, which are each located over the dissolved-phase CVOC plume. As shown on Figure 15, NYSDEC and NYSDOH also recommended no further action for 44 homes, re-sampling for 14 homes, and monitoring for 8 homes. All residences where NYSDEC and NYSDOH recommended mitigation or monitoring are bound by residences where no further action was recommended with the exception of the three locations to be re-sampled during the 2008/2009 heating season.

7.2. Hydrogeologic Framework

Bedrock was not encountered in any of the soil borings advanced during the RI, but the depth to bedrock is estimated to be approximately 150 to 200 feet bgs at the site. The depth to bedrock information was inferred from bedrock residential wells in the area. As shown on Figures 13 and 14, the uppermost portion of the water-table aquifer consists of sand with some gravel and silt with discontinuous and intermittent silt lenses. A low

permeability clay layer underlies the uppermost zone of saturated sand and gravel and appears to be continuous over the entire area of the CVOC plume. The saturated thickness above the clay thins from south to north. Near the Modock Road Springs the saturated zone of sand is approximately 5 to 15 feet thick. On and adjacent to the northern portion of the DLS Sand Gravel, Inc. property, the water-table aquifer is approximately 50 feet thick. The top of the underlying clay layer ranges in elevation from approximately 740 feet AMSL on the DLS Sand and Gravel, Inc. property at MW-25 to 610 feet AMSL at GP-04, located on Modock Road.

Groundwater flows in an arcuate pattern from a groundwater divide in the southern portion of the DLS Sand and Gravel, Inc. property approximately 7,500 feet to the north where it discharges to surface water via a series of springs just south of Modock Road. This arcuate flow pattern is influenced primarily by spatial variations in the hydraulic conductivity; or permeability. An example of this is the significant difference in aquifer characteristics along Dryer Road, with more than 30 feet of saturated gravel and sand predominant in the western portion of the dissolved-phase CVOC plume (at MW-24S/D) and approximately 5 feet of saturated silt and sand in the eastern portion (at MW-22) of the dissolved-phase CVOC plume (Figure 14). As previously mentioned, this zone of highly permeable sand and gravel appears to preferentially confine the dissolved-phase CVOC plume to a narrow path as groundwater flows from south to north.

7.3. Potential Source Area Investigations

A series of investigation activities was conducted at the DLS Sand and Gravel, Inc. Property to identify possible source areas and characterize the overall distribution of contaminants in potential source areas.

7.3.1. Groundwater Sampling

According to the USEPA, NAPL contamination is suspected when constituents are present at one percent or greater of aqueous solubility (USEPA, 1992). Based on a solubility of TCE of approximately 1,000,000 µg/L (Russell et al., 1992.), one percent of TCE solubility is 10,000 µg/L. The highest TCE groundwater concentration detected was 11,000 µg/L at MW-14 in November 2000. Although this result indicates that there was the potential for NAPL to be present, this result has not been reproduced in subsequent samples. The next highest groundwater TCE concentration at this location was 3,300 µg/L in a sample collected on May 23, 2001. CVOC groundwater analytical data from samples collected during the RI are not indicative of a NAPL source of CVOCs. The highest TCE concentration in groundwater samples collected during the RI was 2,300 µg/L, in a sample collected from MW-17S on July 1, 2008.

7.3.2. Passive Soil Gas Sampling

As in the dissolved-phase CVOC plume, TCE, 1,1,1-TCA, and 1,1,-DCE were the primary CVOCs detected in the passive soil gas samples. As discussed in Section 5, the highest passive soil gas concentrations were present in samples collected along the north-central part of the DLS Sand and Gravel, Inc. property line. Passive soil gas samples were collected from this area because the groundwater data along with anecdotal information suggests that disposal of waste solvents may have occurred in this area. The area where the highest passive soil gas concentrations were detected corresponds to the area of the dissolved-phase CVOC plume with the highest concentrations. Subsequent soil investigations did not reveal an unsaturated zone CVOC source in this area. Similar to the distribution of sub-slab vapor concentrations at the site, the passive soil gas CVOC concentrations are highly influenced by subsurface conditions, such as preferential pathways and zones of relatively lower permeable material (i.e. discontinuous silt and clay layers).

Volatilization of CVOCs from groundwater or soil is the mechanism by which CVOCs are transferred into the vapor phase. The CVOC containing vapor then migrates upward through the unsaturated zone. Based on the absence or relatively low concentrations of CVOCs in unsaturated zone soil samples, the source of CVOCs in the passive soil gas samples is likely the groundwater beneath these locations. This is supported by the fact that the pattern of relative CVOC concentrations in passive soil gas samples, with higher components of 1,1,1-TCA and 1,1-DCE in the western portion of the dissolved-phase CVOC plume, is also reflected in the groundwater analytical data.

7.3.3. MIP Data

The passive soil gas data were used to select MIP boring locations. Locations with passive soil gas detections were also generally locations with MIP responses.

The soil conductivity probe did not measure any significant changes in soil conductivity, indicating that the soil conductivity probe only encountered minimal changes in lithology. However, several small increases in soil conductivity were measured between 8 and 14 feet bgs in several borings indicating the presence of silt and clay lenses at these locations. Subsequent soil sampling at select MIP locations confirmed that the overburden at the site consists primarily of sand with some gravel and silt and occasional clay/silt lenses.

At MIP boring locations to the northeast of MW-18 and to the southwest of MW-14, an ECD and/or FID response between approximately 8 to 14 feet bgs was common. Small MIP responses were observed in most MIP borings, although the 8 to 14 foot range was the only depth interval where there were consistent MIP responses. At these depths, the same as those identified with the soil conductivity probe, the soil density increased and the soil became more difficult to advance the probe through. This is supporting evidence

of a zone of relatively lower permeability soils where vapors could have accumulated beneath as they migrated up from the groundwater table or where liquid contaminants could have collected as they moved downward through the unsaturated zone to the water table following disposal. Subsequent soil sampling at the same locations and depths as the ECD and/or FID responses revealed only minimal CVOC concentrations at these locations. Therefore, it is likely that the ECD and/or FID responses were detecting vapor phase CVOCs emanating from the underlying groundwater. The MIP screening did not indicate the presence of CVOC sources or NAPL.

7.3.4. Direct-push Borings

Upon conclusion of the MIP drilling activities, passive soil gas and ECD, PID, and FID data were used to identify direct-push boring and soil sampling locations. None of the 42 direct-push drilling soil samples collected from on and near the DLS Sand and Gravel, Inc. property contained CVOCs at concentrations greater than the 6 NYCRR Part 375 unrestricted use soil cleanup objectives. 1,1,1-TCA and 1,1-DCE were not detected and TCE was present at an estimated concentration in six soil samples. No CVOC sources or NAPL were observed during the direct-push boring activities.

7.3.5. Test Pit Excavation

The test pits were excavated to expose subsurface conditions and evaluate shallow soil quality in these locations. Consistent with soils characterized during drilling and direct-push soil sampling, the excavated soil generally consisted of sand with some gravel and silt and clay/silt lenses. In Test Pits 7 through 10, which were excavated in the northeast corner of the DLS Sand and Gravel, Inc. property, the layers of sand dip to the north. No NAPL, staining, or other signs of contamination were observed during the test pitting program and no test pit soil samples contained CVOCs at concentrations greater than the unrestricted use soil cleanup objectives.

7.3.6. Sub-surface Drilling Soil Sampling

Monitoring wells MW-18, MW-19, MW-25, and MW-26 were installed on the DLS Sand and Gravel, Inc. property during the RI to evaluate soil and groundwater quality in potential source areas. Field observations and the soil analytical data did not indicate the presence of NAPL or continuing sources of CVOCs in the unsaturated zone at the drilling locations. TCE, 1,1,1-TCA, and 1,1,-DCE were not present in the majority of the unsaturated zone soil samples, indicating that the vast majority of the CVOC mass at the site is present in groundwater and in saturated zone soil that has come in contact with the dissolved-phase CVOC plume.

7.3.7. Summary of Source Area Investigations

No NAPL or unsaturated zone CVOC sources have been identified in site soil. NYSDEC has received anecdotal reports of a potential disposal area in the northeastern portion of the DLS Sand and Gravel, Inc. property near MW-14 and MW-18. Passive soil gas and

MIP screening revealed soil and/or soil gas containing VOCs in this area; however, the lack of VOCs in soil samples collected in this area indicates that the passive soil gas screening analyses may have detected vapor-phase, not liquid-phase, VOCs. Additional soil sampling was conducted to further evaluate the presence or absence of CVOCs in unsaturated zone soils in the northeastern portion of the site. Based on the numerous soil samples collected and borings drilled in locations identified as potential disposal areas, and the absence of any significant amounts of CVOCs in these areas, it is likely that a CVOC source is not present in the unsaturated zone at the site. Any solids or liquids containing CVOCs have likely either been excavated or have migrated downward to the groundwater. CVOCs that have sorbed onto soil particles or fine grained sand and silt lenses below the water table are likely acting as a continuing and long-term source of CVOCs to groundwater.

As shown on Figures 20 and 21, the patterns of relative CVOC concentrations on and downgradient of the site indicate that the CVOC plume is migrating from the DLS Sand and Gravel, Inc. property and discharging to the Modock Road Springs. The data suggest that disposal would have occurred in the central/north central part of the DLS Sand and Gravel, Inc. property. Data further suggests that chlorinated solvent disposal did not occur in the western and eastern thirds of the DLS Sand and Gravel, Inc. property. The overall distribution and concentrations of 1,1,1-TCA, TCE, and 1,1-DCE also suggest that disposal may have occurred at more than one location.

7.4. Dissolved-phase CVOC Plume

Data collected during the RI confirmed that the dissolved-phase CVOC plume extends to the north from the DLS Sand and Gravel, Inc. property to the Modock Road Springs (Figures 20 and 21). The distance from the upgradient portion of the plume near the groundwater divide to the Modock Road Springs is approximately 7,500 feet (1.4 miles). The dissolved-phase CVOC plume varies in width from approximately 500 to 1,800 feet, with the widest portion approximately 600 feet north of Dryer Road. Analytical data indicate that the CVOC plume discharges to the surface at the Modock Road Springs and CVOCs are not present in groundwater to the north of Modock Road. The upgradient (southern) boundary of the plume is in the vicinity of an east-west trending groundwater divide in the southern portion of the DLS Sand and Gravel, Inc. property.

The dissolved-phase CVOC plume consists primarily of TCE, 1,1,1-TCA, and 1,1-DCE. Total CVOC concentrations in groundwater have been detected as high as 16,170 µg/L in a sample collected from MW-14 in November 2000. The highest total CVOC concentration in samples collected during the RI was 2,685 µg/l in the July 2008 sample collected from monitoring well MW-17S.

There is little evidence that natural degradation of CVOCs is occurring in site groundwater. Degradation products of TCE, 1,1,1-TCA, and 1,1-DCE are not present in site groundwater. However, the presence of 1,1-DCE in site groundwater could be a result of abiotic breakdown of 1,1,1-TCA. Field measurements of dissolved oxygen and reduction oxidation potential indicate that the water-table aquifer is under aerobic conditions (contains oxygen). Under these aerobic conditions, CVOCs degrade at a much slower rate than under anaerobic conditions.

7.4.1. Plume at Northern Boundary of DLS Sand and Gravel, Inc. Property

Figure 13 shows a west to east geologic cross-section roughly perpendicular to groundwater flow and slightly north of the northern DLS Sand and Gravel, Inc. property line. The water table in this area is in a fine to coarse sand layer that thins from west to east. The saturated thickness of the water-table aquifer decreases in this area from approximately 55 feet thick at MW-15 to approximately 17 feet thick at MW-16. A continuous, low permeable clay/silt unit underlies the saturated fine to coarse sand aquifer. As shown on Figure 13, the water level at MW-17S is approximately 14 feet higher than in MW-17D, which is screened in the underlying silt/clay unit. This indicates that there is limited hydraulic connection between the upper fine to coarse sand aquifer and the underlying clay/silt layer. This is also supported by the differing CVOC concentrations in groundwater sampled from these two monitoring wells (Table 14).

Total CVOC (TCE, 1,1,1-TCA, and 1,1-DCE) groundwater concentrations along the cross-section shown on Figure 13 increase from 65 µg/l in the western portion to 2,685 µg/L in the central portion, and decrease to non detect at SS&G MW-9 in the eastern portion of the cross-section. The relative and total concentrations of the CVOCs in groundwater are presented spatially on Figures 20 and 21. These figures show that the relative concentrations of the three primary CVOCs in groundwater at MW-14 and MW-17S are consistent with the concentrations of these CVOCs in upgradient groundwater at MW-18 and MW-19 on the DLS Sand and Gravel, Inc. property. Concentrations of TCE in samples from these wells are consistently greater than 1,1,1-TCA concentrations, which are greater than 1,1-DCE results. Albeit at lower concentrations, the same pattern of these primary CVOCs are also observed at SS&G-MW-2, which is further upgradient and in the central portion of the DLS Sand and Gravel, Inc. property. This indicates that there is little to no CVOC degradation along this groundwater flow path.

In contrast, groundwater in the western portion of the plume (in the vicinity of SS&G-MW-3, MW-13, and MW-15) contains a pattern of relative CVOC concentrations slightly different than those in the central and eastern portions of the plume. At SS&G-MW-3 and MW-13, 1,1,1-TCA concentrations tend to be higher than TCE results and there are slightly higher components of 1,1-DCE. These wells are along the same general groundwater flow path and groundwater from these wells contains the same relative percentage/ratio of CVOCs. This indicates that the CVOCs are migrating from the DLS

Sand and Gravel, Inc. property to the north-northeast. No TCE was present in the groundwater sample collected in June 2008 from MW-15, approximately 250 feet to the west of MW-13. As shown on Figures 20 and 21, the groundwater sample from MW-15 contained primarily 1,1,1-TCA and a relatively low concentration of 1,1-DCE. This general trend of 1,1,1-TCA being the primary CVOC in the western portion of the dissolved-phase CVOC plume and TCE in the central and east part of the plume is mimicked in the passive soil gas results.

CVOCs appear to be confined to the uppermost water-table aquifer, which is underlain by a relatively low permeability clay layer. Analysis of groundwater collected from residential bedrock wells indicate that the bedrock groundwater quality has not been impacted by the dissolved-phase CVOC plume. This is also supported by shallow and deep overburden groundwater samples collected from within the central portion of the plume at the MW-17S and MW-17D well pair and shallow groundwater quality on the DLS Sand and Gravel, Inc. property compared to groundwater quality from the on-site deep (approximately 220 feet bgs) production well. Specifically, in monitoring well MW-17S, screened in the shallow groundwater from 57 to 67 feet bgs, total CVOCs were detected at a concentration of 2,685 µg/L and no CVOCs were detected in the paired deep well MW-17D screened 90 feet to 95 feet bgs, during the August 2008 groundwater sampling event. Similarly, CVOCs have consistently been detected in shallow groundwater on the DLS Sand and Gravel, Inc. property. However, CVOCs have not been detected in the 220 foot production well used at the DLS Sand and Gravel, Inc. mine.

7.4.2. Plume in Areas North and South of Dryer Road

Monitoring wells MW-15, MW-16, MW-17S, MW-17D, MW-20, MW-21, MW-22, MW-23, MW-24S, MW-24D, and MW-27 were installed off of the DLS Sand and Gravel, Inc. site during the RI to further delineate the off-site portion of the dissolved-phase CVOC plume. Subsequent groundwater sampling results at these and previously existing wells confirmed the approximate plume boundaries identified during earlier investigation activities.

As shown in Figure 12, groundwater flows from the DLS Sand and Gravel, Inc. property to the north-northeast. The direction of flow changes to the northwest in the agricultural fields to the north of the DLS Sand and Gravel, Inc. property and south of Dryer Road. This appears to be related to a significant difference in aquifer characteristics, which were observed in soil borings drilled along Dryer Road. A west to east geologic cross section at Dryer Road is shown on Figure 14. At well cluster MW-24S (shallow well) and MW-24D (deeper well), the saturated zone is comprised of gravel and medium to coarse sand and gravel, and is underlain by a low permeability clay/silt layer. The saturated thickness of this relatively high permeable material decreases from approximately 35 feet at MW24S/D to approximately 15 feet at MW-21, located 500 feet to the east. The gravel

layer pinches out further to the east between MW-21 and MW-22. These observations are supported by hydraulic conductivity estimates from slug tests, which are summarized in Table 18. The hydraulic conductivity estimates were significantly higher in MW-24S, MW-24D and MW-21 than in MW-22.

The presence of this relatively high permeable gravel significantly influences groundwater flow and dissolved-phase contaminant transport within the CVOC plume. Figures 12 and 14 show that the groundwater levels along Dryer Road decrease from east to west, which is opposite of the water level changes along the northern border of the DLS Sand and Gravel, Inc., property (Figures 12 and 13). This suggests that groundwater flows toward or converges toward this zone of highly permeable sand and gravel. Figures 20 and 21 show that CVOC concentrations are consistent with these groundwater flow patterns. The highest CVOC concentrations are in groundwater sampled from MW-24S and MW-24D, and concentrations decrease toward MW-21. At MW-22 where no gravel is present, CVOCs were not detected in the groundwater.

The direction of groundwater flow is generally to the north beyond Dryer Road, but a northwesterly flow component develops before the groundwater discharges at the Modock Road Springs (Figure 12). Although access to drilling locations was limited along Hunters Run (off of Dryer Road), the lack of, or relatively low CVOC concentrations in, samples from residential wells and monitoring wells MW-23 and MW-10 indicate that the CVOC plume is confined to an area roughly coincident with Hunters Run. Further to the north at monitoring wells MW-6 and MW-7, groundwater samples contained total and relative CVOC concentrations similar to those from wells along Dryer Road (Figures 20 and 21). Relatively high hydraulic conductivity estimates at MW-6 and MW-7 (Table 18) also support the continuity of the sand and gravel aquifer and the CVOC plume in this area.

In addition to groundwater analytical data collected as part of the RI, the NYSDEC and NYSDOH have conducted numerous private well sampling events since 1990. Most residential wells located in the vicinity of the dissolved-phase CVOC plume are located between Dryer and Modock Roads. Based on discussions with homeowners and review of well records, the majority of residential wells sampled were drilled into bedrock and groundwater sampled from these wells has not contained site-related contaminants. Groundwater collected from three residential wells screened in the overburden and within the area of the dissolved-phase CVOC plume contained CVOCs at concentrations greater than New York State Class GA Standards. These homes were subsequently connected to the Town of Victor municipal water supply.

7.4.3. Dissolved-phase CVOC Plume Mass Calculations

The current dissolved-phase mass of CVOCs in the Modock Road Springs plume and an approximation of the amount of dissolved-phase CVOC mass discharged to the Modock

Road springs over time were estimated. The dissolved-phase CVOCs mass calculations and assumptions are provided in Appendix L. Using a volume-weighted approach summarized in Appendix L, the average concentration of the dissolved-phase CVOC plume is 275 micrograms per liter (ug/l) and the total VOC mass in the plume was estimated to be 840 pounds. Using average densities (approximately 12 pounds per gallon) of the primary CVOC constituents, this would be equivalent to approximately 70 to 75 gallons of VOC contamination within the dissolved-phase CVOC plume.

Assuming an average total CVOC concentration of 190 ug/l has been discharging to the Modock Road springs and an average discharge rate of 150 gallons per minute is representative of the discharge over a 30-year period, the cumulative amount of total CVOC mass discharged to the springs was estimated to be 3,750 pounds, or approximately 125 pounds per year. Converting this mass to volume using average densities results in approximately 320 to 340 gallons of total CVOCs discharged at the Modock Road springs over a 30-year period.

7.4.4. Plume Contaminant Fate and Transport

The mechanisms that control the mass and concentrations of the dissolved-phase CVOC plume include dilution through recharge, dispersion, degradation, sorption, discharge, and to a lesser extent, diffusion. Continued dispersion of the dissolved-phase CVOC plume and mixing with recharge in the water-table aquifer will lower the CVOC groundwater concentrations over time, especially if there is no unsaturated zone source on the DLS Sand and Gravel, Inc. property. The primary mechanism for reduction of CVOC mass is the continued discharge of CVOC-containing groundwater at the Modock Road Springs and subsequent volatilization. Aerobic conditions in the aquifer will likely continue, limiting any mass removal through naturally occurring reductive dechlorination of these CVOCs. The remaining portions of the CVOC mass are in the dissolved-phase and sorbed to soils in the saturated zone. These will persist as sources of CVOCs to the groundwater plume over time, especially considering the relatively slow desorption and diffusion processes. Limited CVOC mass will also volatilize from the groundwater and diffuse upwards in the vadose zone toward areas of lower concentration.

The driving force for groundwater flow and CVOC transport from the DLS Sand and Gravel, Inc. property to the Modock Road Springs is recharge. Continued recharge will sustain hydraulic gradients and drive advective transport of CVOCs to the north. Areas of highest concentration, currently in the vicinity of MW-14 and MW-17S, will continue to move downgradient. Lateral dispersion or spreading of the plume is unlikely because of the relatively higher hydraulic conductivity preferential pathways identified in the vicinity of MW-24S/D and MW-7. Since the CVOC plume has reached the discharge point at the Modock Road Springs and lateral dispersion is limited, the shape of the CVOC plume will likely remain relatively unchanged over time.

7.5. Modock Road Springs

Groundwater discharges to the surface via a series of springs approximately 400 feet to the south of Modock Road at the toe of an approximately 40-foot slope. The saturated thickness above the low permeability clay layer thins near the Modock Road Springs to approximately 16 and 12 feet at GP-4 and MW-5, respectively (Table 3). Monitoring wells GP-2, GP-3, GP-4, and GP-6 were installed along Modock Road to delineate the dissolved-phase CVOC plume and determine if the CVOC groundwater plume extended beyond the springs, and to evaluate the hydraulic relationship between the groundwater system and the Modock Road Springs.

As shown in Table 7, VOCs were not detected in groundwater samples collected in May 2007 from six direct-push borings located along Modock Road (GP-02 through GP-06 and GP-08). Subsequent samples from permanent wells in this area confirmed the absence of CVOCs in groundwater north of Modock Road. This indicates that the dissolved-phase CVOC plume discharges at the Modock Road Springs and does not extend to the north of Modock Road. A groundwater sample collected on May 8, 2007 from direct-push boring GP-01, located upgradient of the springs (Figure 8), contained 59 µg/L of total CVOCs, which is consistent with total CVOC concentrations in the nearby springs.

8. Conclusions

The conclusions based on the results of the RI are as follows:

- Data from passive soil gas, sub-slab vapor, indoor air, groundwater, and soil samples indicate that the dissolved-phase CVOC is comprised of three primary compounds: TCE, 1,1,1-TCA, and 1,1-DCE;
- TCE is the CVOC detected at the highest concentration in groundwater in the area of the dissolved-phase CVOC plume;

Source Area Evaluation

- The results of the source area investigation activities combined with the groundwater quality data indicate that a source area does not exist in shallow soil. Instead, the data suggests that following release, the contaminants migrated downward to the groundwater table and the remnants of this release are now sorbed onto soil particles or fine grained sand and silt lenses below the water table and represent a continuing and long-term source for the CVOCs in groundwater;
- Results of the passive soil gas sampling and MIP boring activities are indicative of vapor phase CVOCs emanating from the underlying groundwater and not of unsaturated zone sources;
- TAL metals (with the exception of iron, sodium, and manganese), cyanide, TCL SVOCs, organochlorine pesticides, and TCL PCBs were not detected in soil and groundwater samples at the Modock Road Springs/DLS Sand and Gravel, Inc. site at concentrations above the SCGs;

Dissolved-Phase CVOC Plume Delineation

- The approximate dissolved-phase CVOC plume dimensions defined during earlier site investigation activities were confirmed during the RI. Specifically, the dissolved phase CVOC plume extends 7,500 feet to the north from the groundwater divide in the southern portion of the DLS Sand and Gravel, Inc. property to the Modock Road Springs;
- The highest concentrations of CVOCs in groundwater are located at the northern margin of the DLS Sand and Gravel, Inc. property;
- The dissolved-phase CVOC plume is confined to a narrow path because groundwater flow is controlled by a zone of highly permeable sand and gravel;
- Data suggests that the CVOCs are confined to the uppermost water-table aquifer, which is underlain by a relatively low permeability clay layer;

- Groundwater analytical data collected from residential bedrock wells indicate that the bedrock groundwater quality has not been impacted by the dissolved-phase CVOC plume;
- The aforementioned clay layer serves as a barrier separating the overburden groundwater from the bedrock groundwater;
- The dissolved-phase CVOC plume is stable, discharges at the Modock Road Springs, and does not extend to the north of Modock Road;

Spring and Surface Water Evaluation

- There is the potential for contact with surface water containing CVOCs originating from the site at concentrations greater than applicable SCGs, but this surface water is located on private property.
- The CVOC plume discharges at the eastern Modock Road Springs resulting in surface water concentrations of TCE exceeding the NYSDEC Class C Surface Water Standard of 40 µg/L;
- Based on spring and surface water samples collected during the RI, the TCE concentrations decrease to below the NYSDEC Class C Surface Water Standard of 40 µg/L within 525 feet of the springs at a surface water sampling point established at Modock Road;
- Surface water 1,1,1-TCA and 1,1-DCE concentrations at all sampling locations are generally less than those for TCE although NYSDEC has not established Class C Surface Water Standards for 1,1,1-TCA and 1,1-DCE;
- Based on historic and recent data collection, site-related contaminants have not been detected in the western springs;

Vapor Intrusion Evaluation

- The overall presence and variability in sub-slab vapor CVOC concentrations is influenced by the migration of vapors originating from the dissolved-phase CVOC plume through a non-homogeneous vadose zone above the water table. Specifically, highly permeable preferential pathways allow vapors to migrate more readily upward while zones of relatively impermeable material (i.e. clay) retard the upward migration of vapors;
- During the RI, the boundaries of the vapor intrusion study area were expanded outward from the area in and around the CVOC groundwater plume until both the NYSDEC and NYSDOH determined that there was sufficient data to identify the boundary of the study area; and
- Based on vapor intrusion sampling completed at 72 locations, NYSDEC and NYSDOH recommended no further action for 44 homes, re-sampling for 14 homes, monitoring for eight (8) homes and mitigation for six (6) locations and sub-slab depressurization systems were installed by the NYSDEC.

9. Recommendations

This RI has provided sufficient data with which to initiate a Feasibility Study (FS) to evaluate remedial alternatives for CVOCs in groundwater at the site. The FS will describe the screening of potential remedial alternatives for the site. The purpose of the FS will be to:

- Identify dissolved-phase CVOC plume containment/control remedial technologies;
- Evaluate these technologies based on pre-specified evaluation criteria; and
- Recommend potential remedial alternatives that could be implemented to meet Remedial Action Objectives (RAOs) and provide site-specific information on performance of the remedial technology.

The remedy for groundwater at the site will not be selected until this evaluation, and subsequent NYSDEC assessments, have been thoroughly reviewed and presented to the public.

10. References

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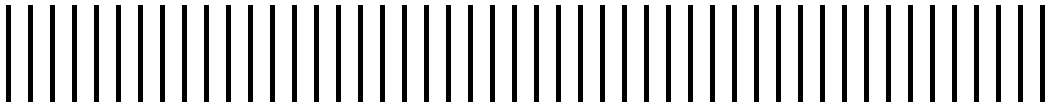
USEPA, 1992. Estimating Potential for Occurrence of DNAPL at Superfund Sites. Office of Solid Waste and Emergency Response, Quick Reference Fact Sheet, 9355.4-07FS.

New York State Department of Environmental Conservation
Remedial Investigation Report
Modock Road Springs/DLS Sand and Gravel, Inc. Site

Figures



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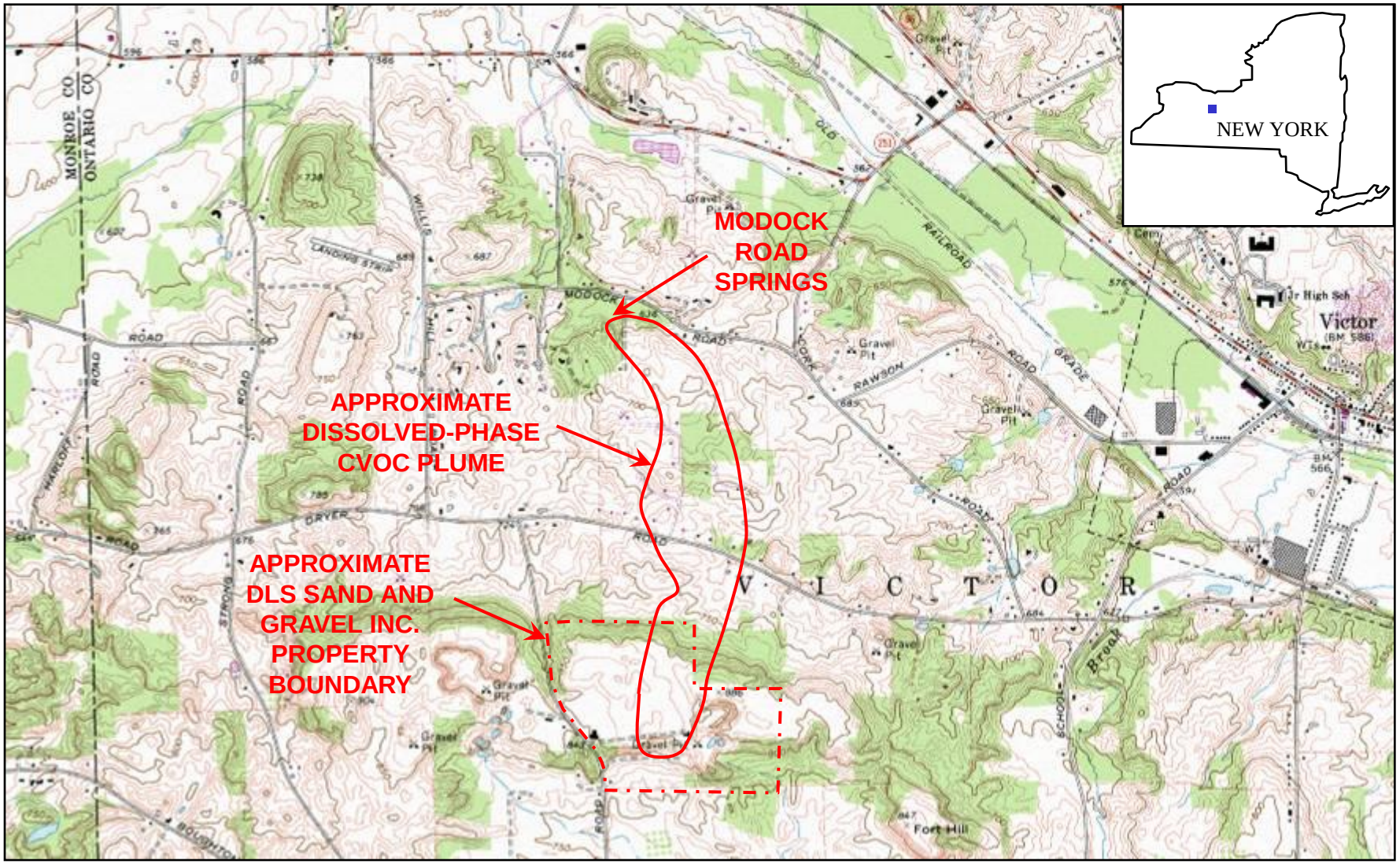
MALCOLM PIRNIE



MAP SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC SERIES, VICTOR QUADRANGLE (PHOTOREVISED 1978)

APPROXIMATE SCALE IN FEET

0 1200 2400 4800

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DIVISION OF ENVIRONMENTAL REMEDIATION

REMEDIAL INVESTIGATION/FEASIBILITY STUDY

WORK ASSIGNMENT # D-004439 - 9

MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
VICTOR, NEW YORK

FIGURE 1
SITE MAP

MALCOLM PIRNIE

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MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 2
MONITORING WELL LOCATIONS

MALCOLM PIRNIE

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

N
W E
S

og
ls
og
al
k
ls
lsc
tm
t
t

0 1,000 2,000 4,000
Feet

Basemap Source: Victor, NY Quadrangle

Legend

Approximate CVOC Plume
Approximate Site Boundary

Surficial Geology Material

- al - Recent Deposits
- k - Kame Deposits
- ls - Lacustrine Sand
- lsc - Lacustrine Silt & Clay
- og - Outwash Sand & Gravel
- t - Till
- tm - Till Moraine

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TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 3
SURFICIAL GEOLOGY

MALCOLM PIRNIE

Modock Road Springs

N
W E
S

0 550 1,100 2,200
Feet

Basemap Source: NYSDOT Quadrangle

Legend

- Approximate Site Boundary
- Approximate Plume
- Private Well

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MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 4
PRIVATE WELL SAMPLING LOCATIONS

MALCOLM PIRNIE

N

MODOCK

OAKWOOD DRIVE

636

ROAD

CORK

685

DR

RED FOX

TROTWOOD LANE

RUN

SURREY LA

HUNTERS

24

HEATHER LA

STONE RIDGE TRAIL DR

V I

DRYER

886

CONVEYOR

843

ROAD

Legend

Vapor Intrusion Sample Location

APPROXIMATE SCALE IN FEET

0 300 600 1200

Basemap source: NYSDOT Quadrangle

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MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 5

VAPOR INTRUSION SAMPLING LOCATIONS

MALCOLM PIRNIE

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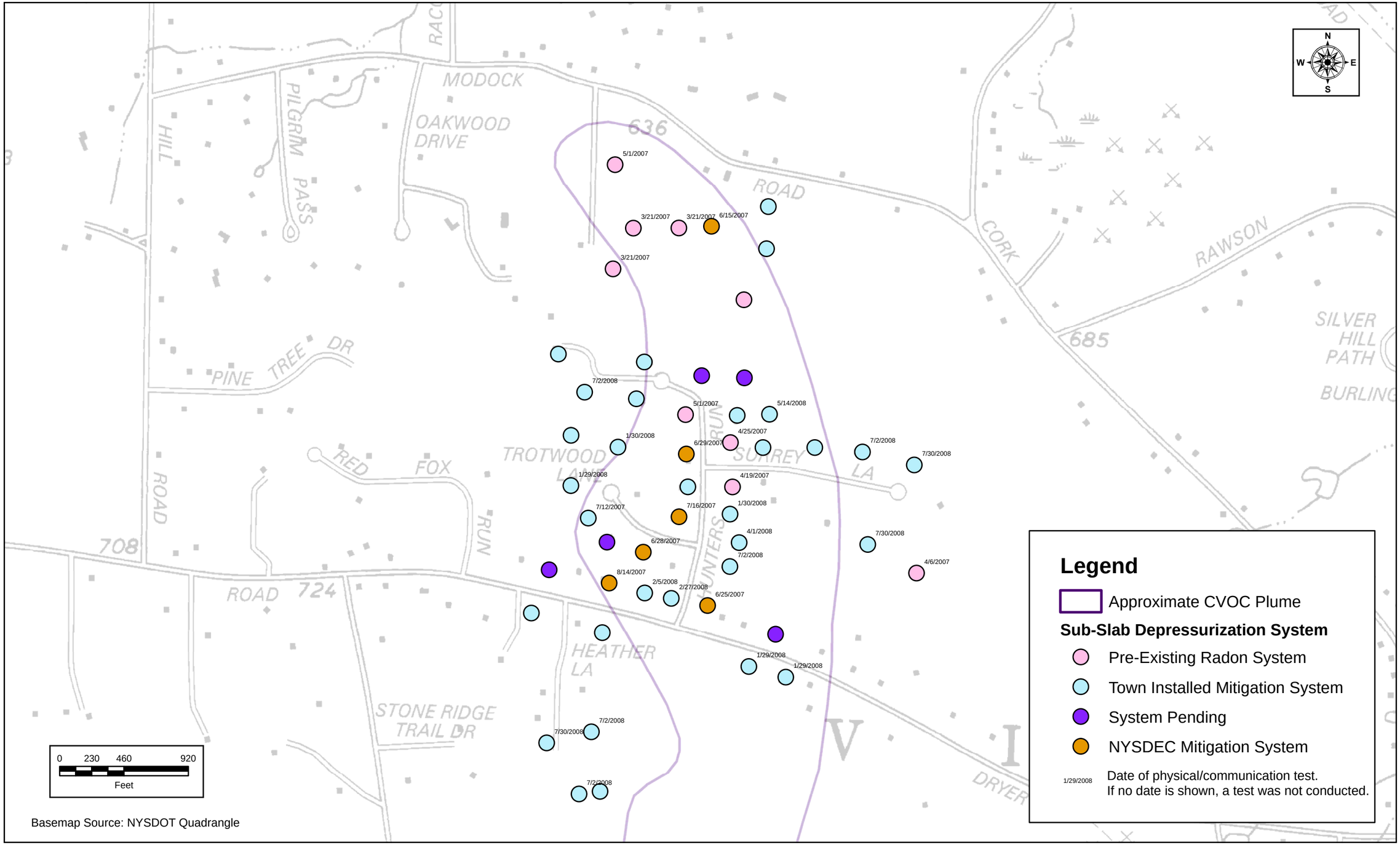

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MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 6
SUB-SLAB DEPRESSURIZATION SYSTEM LOCATIONS

MALCOLM PIRNIE

N
W
E
S

MW-15
MW-13
MW-14
MW-17S
MW-17D
MW-16
MW-19
SS&G MW-3
MW-26
SS&G MW-2
MW-25
SS&G MW-1
SS&G MW-6

0 70 140 280
Feet

Aerial Source: April 2005 30cm Resolution, Natural Color,
North American Datum 1983, UTM Zone 18N

Legend

- Soil Gas Phase I Location
- Soil Gas Phase II Location
- Soil Gas Phase III Location
- Monitoring Well

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MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 7
PASSIVE SOIL GAS SAMPLE LOCATIONS

MALCOLM PIRNIE

\\Albany\m\GIS\MOD\0266353\Soil Gas.mxd

N
W
E
S

Legend

- Monitoring Well
- 1" Monitoring Well
- Direct-push Boring
- Spring Piezometer
- Spring Caisson
- Surface Water

ST-3
RACCOON RUN
RABBIT EAR PASS
ST-2
MODOCK ROAD
GP-08
GP-06
ST-1
Main Collection Box
GP-03
GP-02
GP-04
GP-05
Western Springs
Eastern Spring
SC-1
Middle Eastern Spring
Spring PZ 2
GP-07
Spring PZ 3
Upper Eastern Spring
GP-01
Spring PZ 1
MW-5
TEST WELL
MW-4

0 90 180 360
Feet

Aerial Source: April 2005 30cm Resolution, Natural Color, North American Datum 1983, UTM Zone 18N

\Albanym\GIS\MOD\0266353\Modock Road Sample Locations.mxd

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MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 8
MODOCK ROAD SAMPLE LOCATIONS

MALCOLM PIRNIE

M:\GIS\MOD\0266353\MIP Locations.mxd

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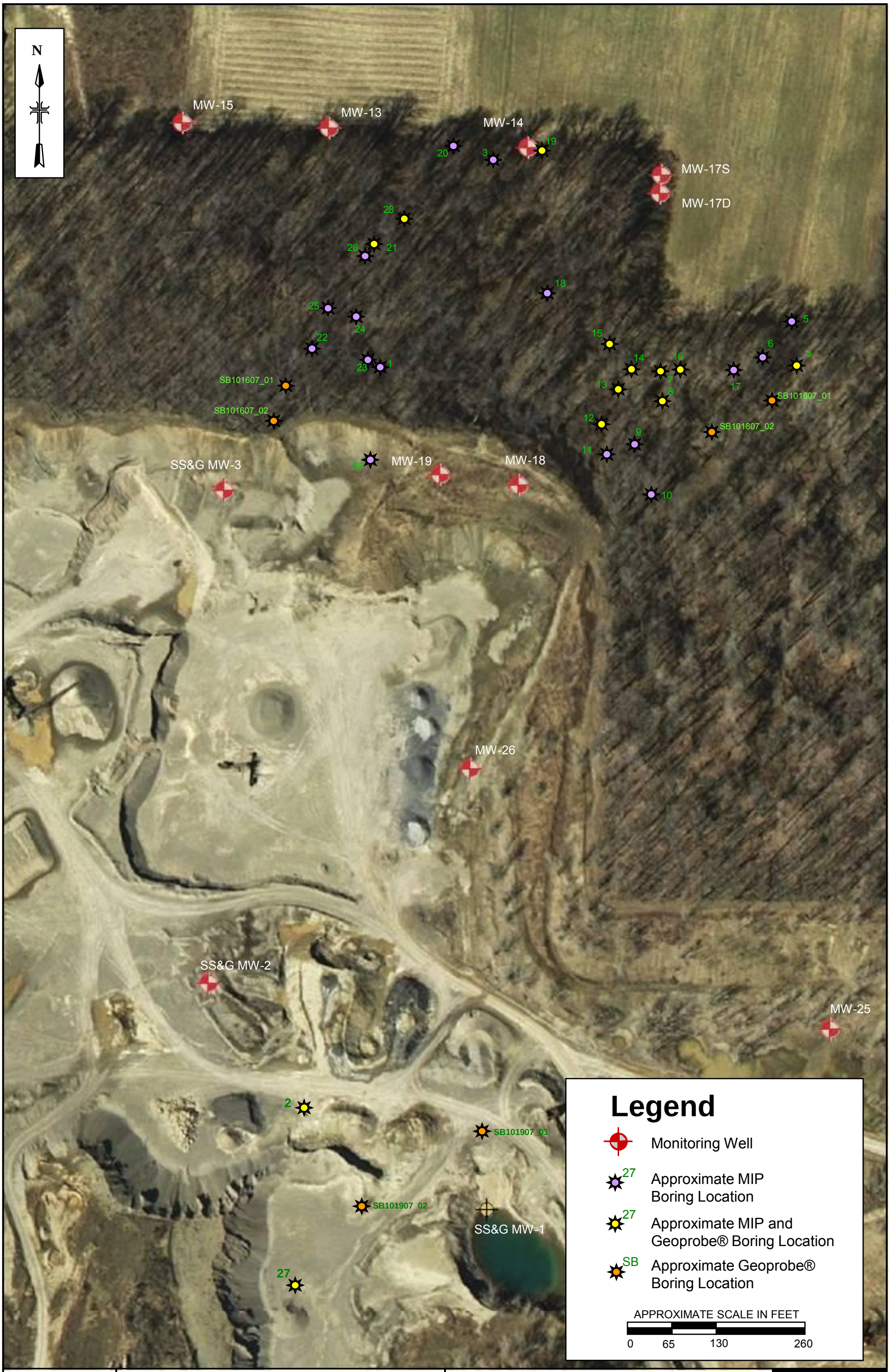
MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 9
APPROXIMATE MIP BORING LOCATIONS

MALCOLM PIRNIE



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MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 10

APPROXIMATE MIP AND GEOPROBE BORING LOCATIONS

MALCOLM PIRNIE

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MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 11
TEST PIT LOCATIONS

MALCOLM PIRNIE

Legend

- Monitoring Well
- Piezometer
- Abandoned Well
- 640 — Groundwater Elevation (7/29/08) and Potentiometric Contour
- Approximate CVOC Plume
- Approximate Overburden Groundwater Flow Path
- Approximate Property Boundary
- Approximate Groundwater Divide

N

MODOCK ROAD

OAKWOOD DRIVE

TROTWOOD LANE

SURREY LA

HUNTERS RUN

HEATHER LA

STONE RIDGE TRAIL DR

CONVEYOR

616.68 GP-06
618.02
619.89 GP-03
GP-02
GP-04 622.79
620
PZ-2
PZ-3
627.40
629.12
630
PZ-1 636.68
MW-5 635.25
Test Well 636.09
MW-4 636.56
MW-27 636.50
MW-3
MW-1
640
MW-2 644.82
MW-7 644.20
MW-6 643.80
MW-23 653.89
MW-10 651.36
650
MW-24D
MW-24S 656.31
MW-21 663.06
660
MW-22 672.71
670
680
690
700
710
720
MW-12 708.03
720.39 MW-20
MW-15 725.98
MW-13 715.45
702.13
MW-17S 701.11
MW-16 689.13
MW-14
MW-17D 695.96
SS&G MW-9
730
740
750
SS&G MW-15 754.56
SS&G MW-16 734.74
MW-19 732.48
727.46
MW-18
SS&G MW-3 735.53
760
MW-26 733.44
770
SS&G MW-2 775.21
SS&G MW-8
MW-25 757.17
759.02
780
SS&G MW-1
SS&G MW-4 786.61
SS&G MW-6 787.56
SS&G MW-5 787.61
SS&G MW-7 803.22
790
800
SS&G MW-10 744.62
SS&G MW-11 740.96
MW-9 685.52
MW-8 686.37
MW-11 687.26

APPROXIMATE DLS SAND AND GRAVEL INC. PROPERTY BOUNDARY

APPROXIMATE SCALE IN FEET

0 300 600 1200

Basemap source: NYSDOT Quadrangle

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MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 12

JULY 2008 POTENTIOMETRIC CONTOUR MAP

MALCOLM PIRNIE

WEST

A

EAST

A’

790’
770’
750’
730’
710’
690’
670’
650’

MW-15
MW-13
MW-14
MW-17D
MW-17S
MW-16
SS&G MW-9

65 µg/L
354 µg/L
546 µg/L
2685 µg/L
0 µg/L
481 µg/L
0 µg/L

?

KEY

- TOPSOIL
- UPPER SILTY FINE SAND
- MEDIUM TO COARSE SAND AND GRAVEL
- FINE TO COARSE SAND WITH SILT
- CLAY TO CLAYEY SILT
- LOWER SILTY FINE SAND
- MEDIUM SAND
- SANDY SILT

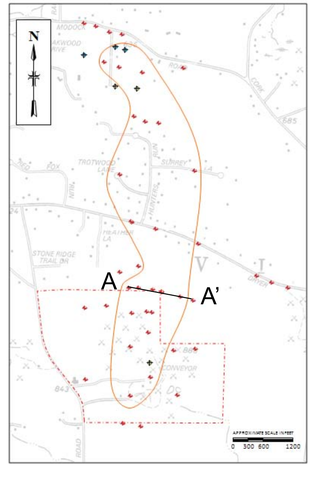
WATER LEVEL MEASRUED ON 7/29/08

MW-1 MONITORING WELL

SB-1 SOIL BORING

MW-1 MONITORING WELL – NO STRATIGRAPHIC DATA AVAILABLE

100 µg/L APPROXIMATE 2008 TOTAL VOC CONCENTRATION



APPROXIMATE HORIZONTAL SCALE: 1” = 100 FEET

0 25 50 100

APPROXIMATE VERTICAL EXAGGERATION X 5 HORIZONTAL

NOTE: Vertical elevations shown are feet above mean sea level (MSL) and are based on NAVD 1988 datum.

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MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 13

WEST – EAST SIMPLIFIED GEOLOGIC CROSS-SECTION ALONG TREE LINE AT MW-14

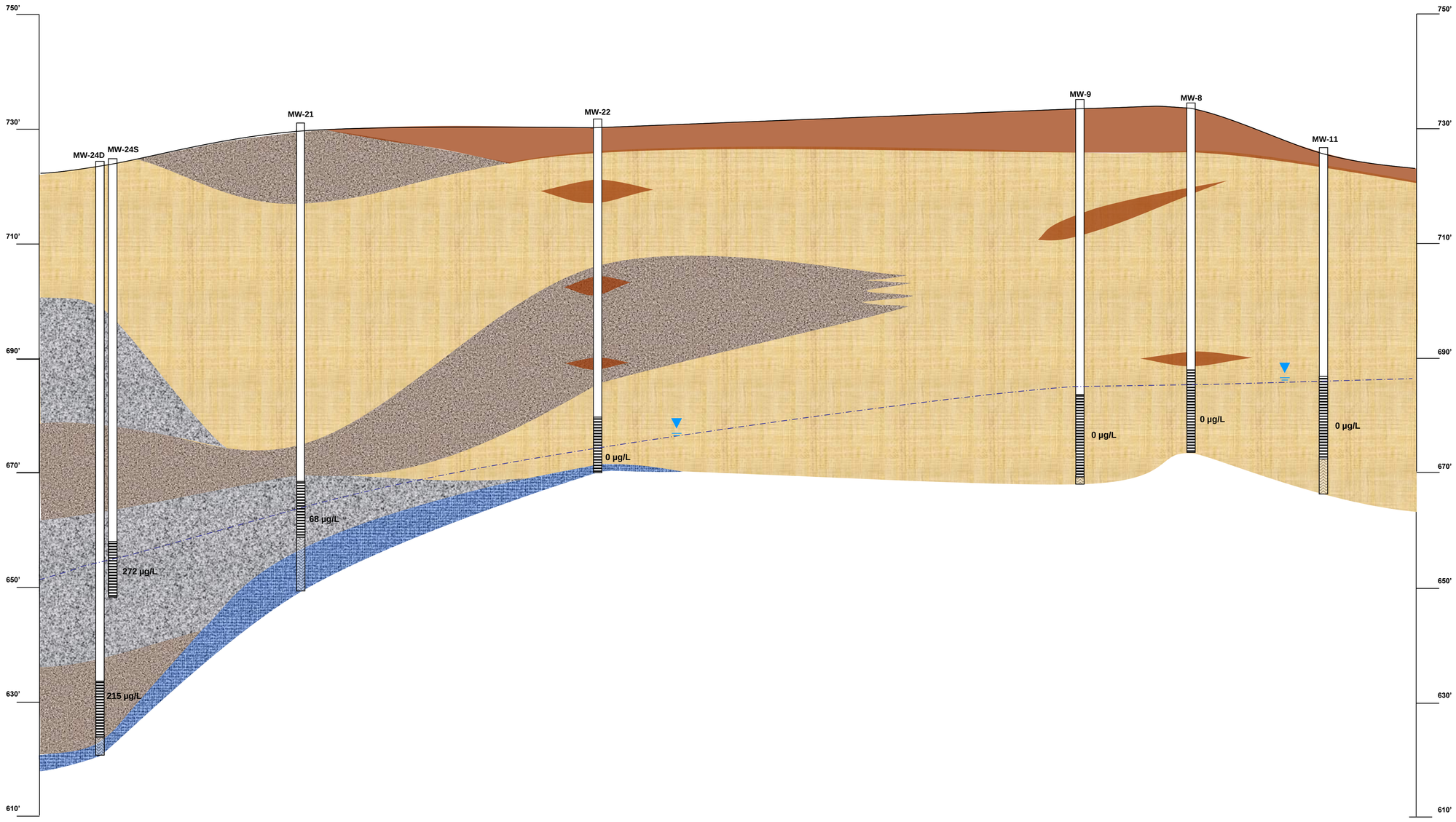
MALCOLM PIRNIE

WEST

B

EAST

B’



KEY

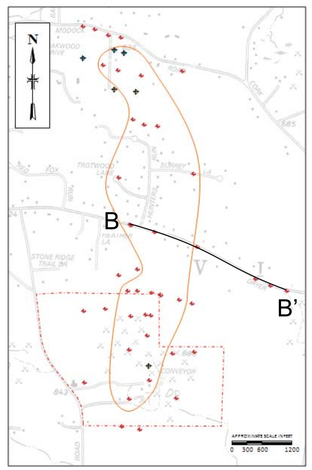
- UPPER SILTY FINE SAND
- GRAVEL
- MEDIUM TO COARSE SAND WITH GRAVEL
- CLAY TO CLAYEY SILT
- SANDY SILT

WATER LEVEL MEASRUED ON 7/29/08

MW-1 MONITORING WELL

SB-1 SOIL BORING

272 µg/L
APPROXIMATE 2007 or 2008 TOTAL VOC CONCENTRATION



APPROXIMATE HORIZONTAL SCALE: 1” = 300 FEET

0 75 150 300

APPROXIMATE VERTICAL EXAGGERATION X 5 HORIZONTAL

NOTE: Vertical elevations shown are feet above mean sea level (MSL) and are based on NAVD 1988 datum.

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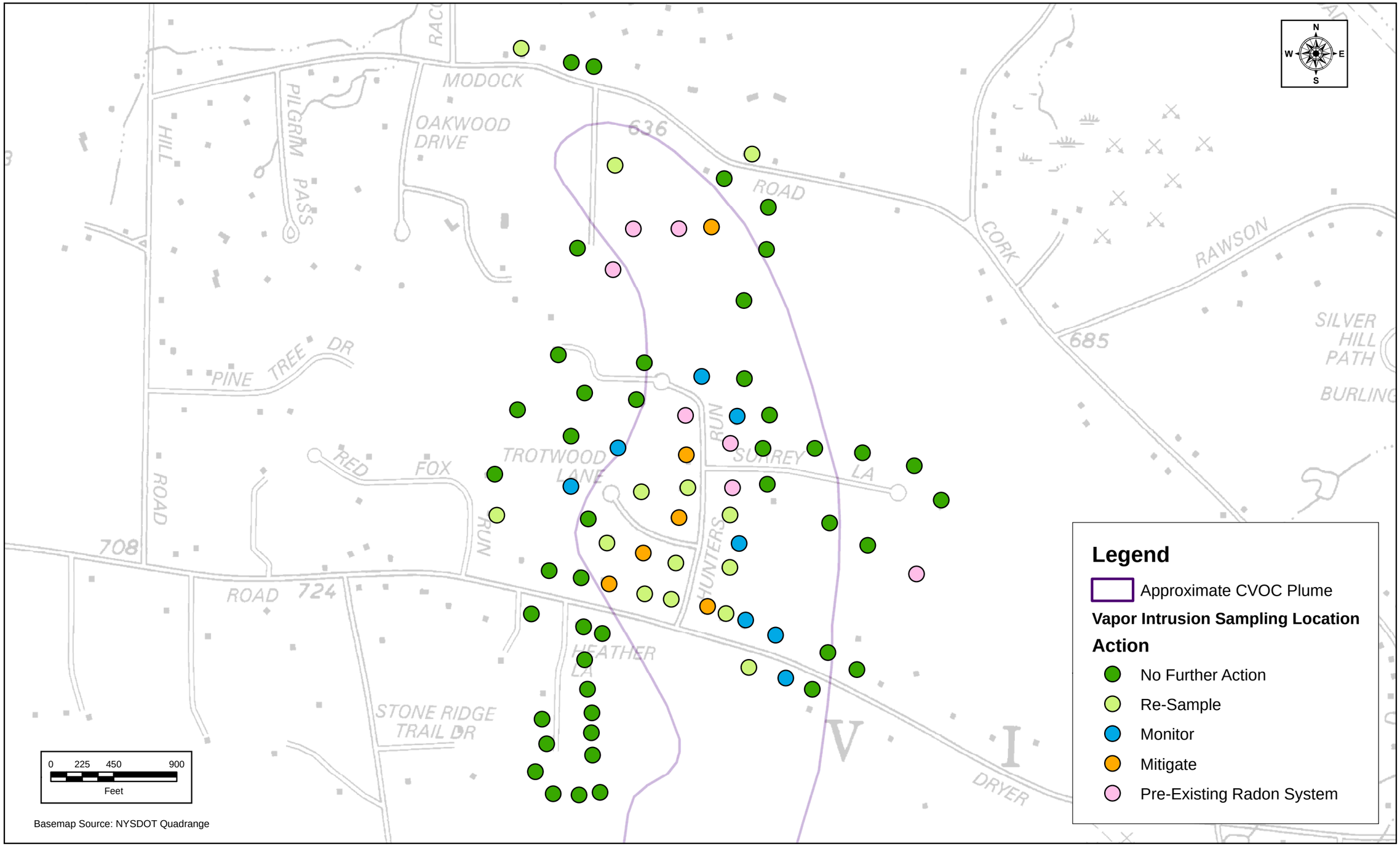
MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 14

WEST – EAST SIMPLIFIED GEOLOGIC CROSS-SECTION AT DRYER ROAD

MALCOLM PIRNIE



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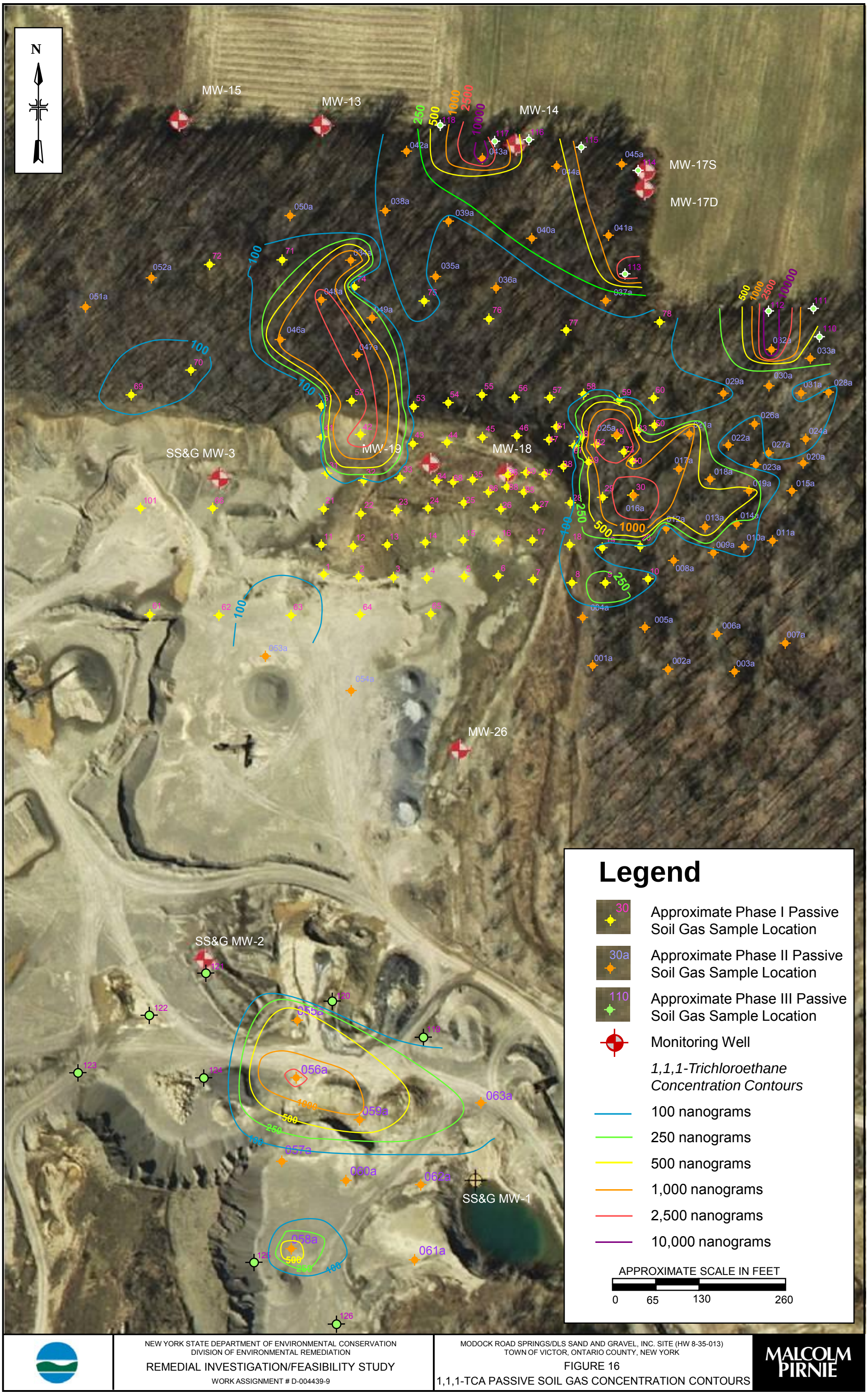
DIVISION OF ENVIRONMENTAL REMEDIATION

REMEDIAL INVESTIGATION/FEASIBILITY STUDY
WORK ASSIGNMENT # D-004439-9

MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 15
NYSDEC/NYSDOH RECOMMENDATIONS BASED ON VAPOR INTRUSION SAMPLING

MALCOLM PIRNIE



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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

REMEDIAL INVESTIGATION/FEASIBILITY STUDY

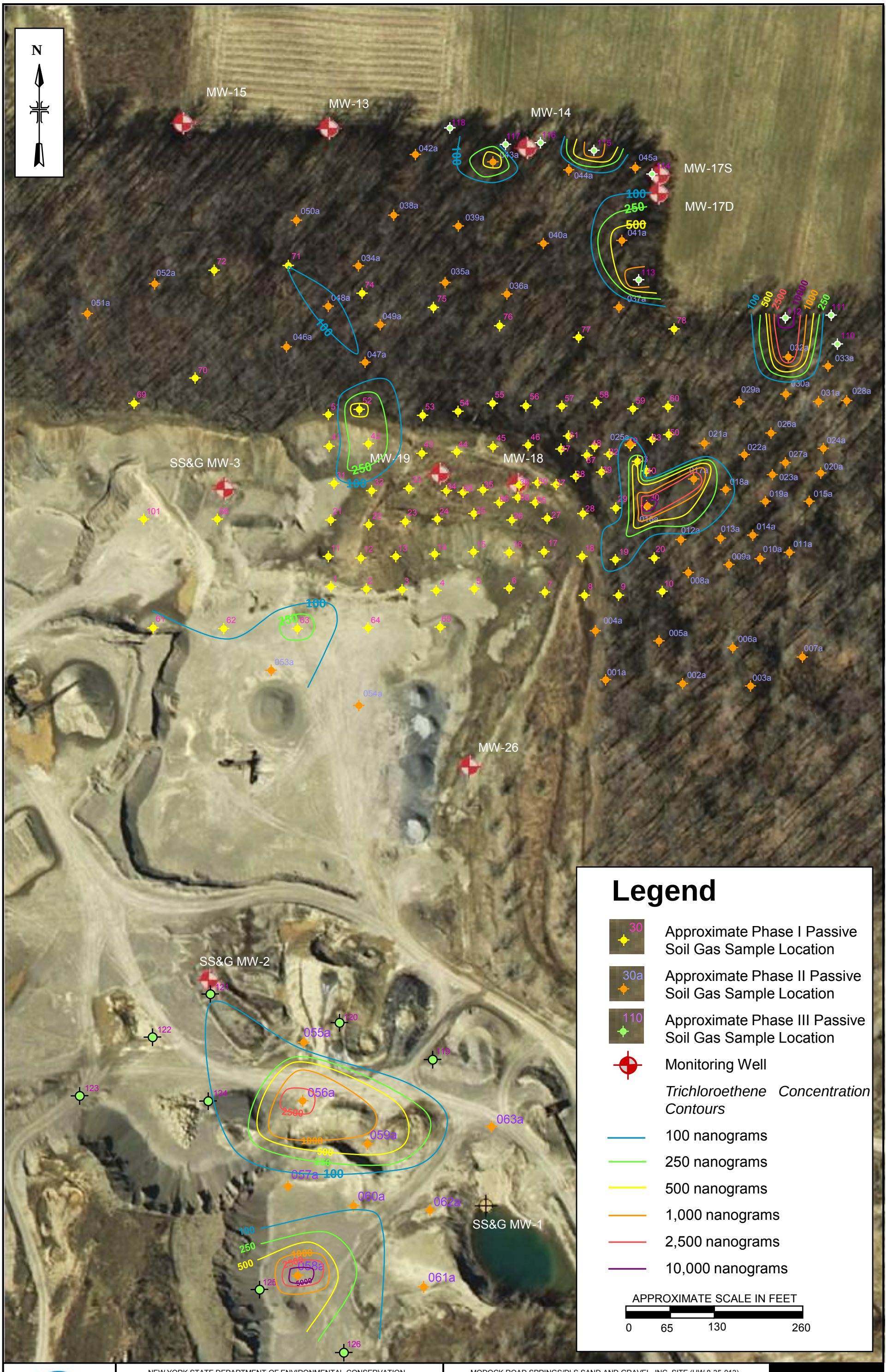
WORK ASSIGNMENT # D-004439-9

MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 16

1,1,1-TCA PASSIVE SOIL GAS CONCENTRATION CONTOURS

MALCOLM PIRNIE



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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
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MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 17

TCE PASSIVE SOIL GAS CONCENTRATION CONTOURS

MALCOLM PIRNIE

N

MW-15
MW-13
MW-14
MW-17S
MW-17D
MW-19
MW-18
SS&G MW-3
MW-26
SS&G MW-2
SS&G MW-1

Legend

- Approximate Phase I Passive Soil Gas Sample Location
- Approximate Phase II Passive Soil Gas Sample Location
- Approximate Phase III Passive Soil Gas Sample Location
- Monitoring Well

1,1-Dichloroethene Concentration Contours

- 100 nanograms
- 250 nanograms
- 500 nanograms
- 1,000 nanograms
- 2,500 nanograms
- 10,000 nanograms

APPROXIMATE SCALE IN FEET

0 65 130 260

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

REMEDIAL INVESTIGATION/FEASIBILITY STUDY

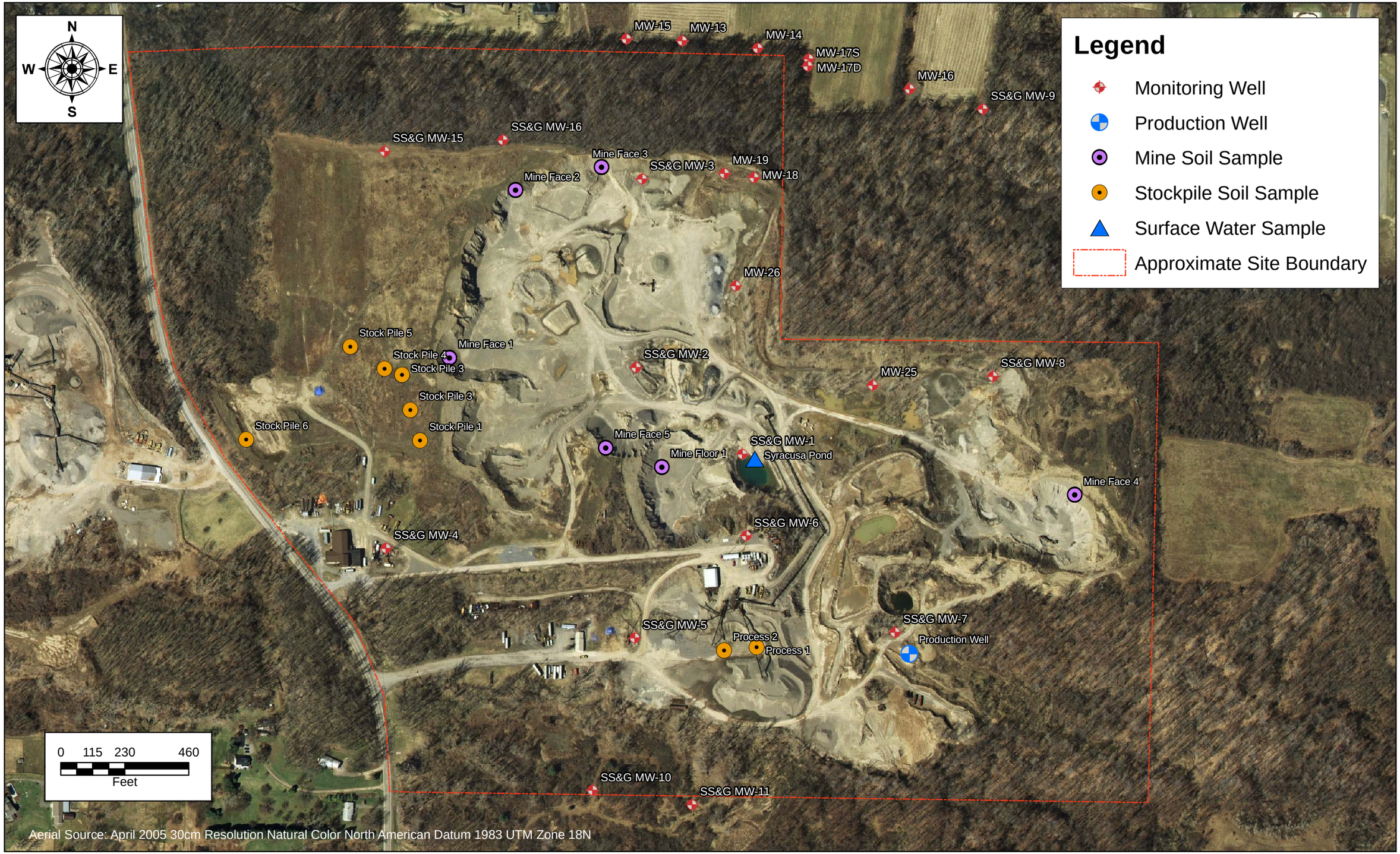
WORK ASSIGNMENT # D-004439-9

MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 18

1,1-DCE PASSIVE SOIL GAS CONCENTRATION CONTOURS

MALCOLM PIRNIE



M:\GISMOD\0266353\Mine Sample Locations.mxd

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

REMEDIAL INVESTIGATION/FEASIBILITY STUDY

WORK ASSIGNMENT # D-004439-9

MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 19
MINE SAMPLE LOCATIONS

MALCOLM PIRNIE

N

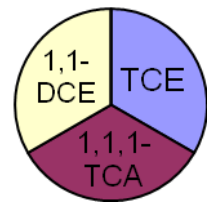
MODOCK ROAD SPRINGS

GP-06 ND
GP-03 ND
GP-02 ND
GP-04 ND
PZ-2 NI
PZ-3 NI
PZ-1 NI
MW-5 8
Test Well 92
MW-4 141
MW-27 NI
MW-3
MW-1
MW-2 2
MW-7 76
MW-6 63
MW-23 NI
MW-10 4
MW-24D NI
MW-24S NI
MW-21 NI
MW-22 NI
MW-12 ND
MW-20 NI
MW-9 ND
MW-8 ND
MW-11 ND
MW-15 73
MW-13 320
MW-17S 957
MW-14 1388
MW-16 467
MW-17D 1 J
SS&G MW-9 ND
SS&G MW-15 NI
SS&G MW-16 NI
SS&G MW-3 79
MW-19 92
MW-18 419
MW-26 NI
SS&G MW-2 34
MW-25 NI
SS&G MW-8 ND
SS&G MW-1
SS&G MW-6 12
SS&G MW-4 ND
SS&G MW-5 452
SS&G MW-7 ND
SS&G MW-10 ND
SS&G MW-11 ND

APPROXIMATE DLS SAND AND GRAVEL INC. PROPERTY BOUNDARY

Legend

- Monitoring Well
- Piezometer
- Abandoned Well
- Other Sampling Location
- Approximate CVOC Plume
- Approximate Property Boundary
- 76 — June 2007 Total CVOC (TCE + 1,1,1-TCA + 1,1-DCE) Concentration (ug/L)
- ND — None Detected
- NI — Not Installed Prior to this Event



DIAMETER = K * LOG (VOC_{total} CONCENTRATION)

APPROXIMATE SCALE IN FEET
0 300 600 1200

Basemap source: NYSDOT Quadrangle

H:\PROJECT\0266361\FILE\Groundwater\Bubble Plot.pptx

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
WORK ASSIGNMENT # D-004439 - 9

MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK
FIGURE 20
JUNE 2007 GROUNDWATER TOTAL VOC CONCENTRATIONS

MALCOLM PIRNIE

N

MODOCK ROAD SPRINGS

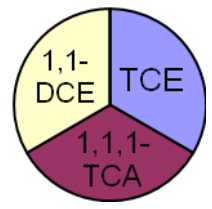
GP-06 ND
GP-03 ND
GP-02 ND
GP-04 ND
2 ND ND ND
PZ-1 ND
PZ-2 52
PZ-3 7
NS
Test Well 173
MW-5 12
MW-4 165
MW-3
MW-1
ND
MW-27 ND
MW-2 4
MW-7 118
MW-6 64
MW-23 4 ND
0.3 J
0.5 J
MW-10 3
MW-24D 215
MW-24S 272
MW-21 68
MW-22 ND
MW-12 ND
MW-20 ND
MW-15 65
MW-13 354
MW-14 546
MW-17S 2685
MW-17D ND
MW-16 481
MW-9 ND
MW-8 NS
MW-11 NS
SS&G MW-15 ND
SS&G MW-16 ND
SS&G MW-9 ND
MW-19 110
MW-18 289
SS&G MW-3 51
MW-26 4
SS&G MW-2 30
MW-25 ND
SS&G MW-8 ND
SS&G MW-1
SS&G MW-6 5
SS&G MW-4 ND
SS&G MW-5 94
SS&G MW-7 ND
SS&G MW-10 ND
SS&G MW-11 ND

APPROXIMATE DLS SAND AND GRAVEL INC. PROPERTY BOUNDARY

MODOCK ROAD
OAKWOOD DRIVE
TROTWOOD LANE
RED FOX RUN
HUNTERS RUN
SURREY LANE
STONE RIDGE TRAIL DR
DRYER ROAD
CONVEYOR

Legend

- Monitoring Well
- Piezometer
- Abandoned Well
- Other Sampling Location
- Approximate CVOC Plume
- Approximate Property Boundary
- 118 — June-August 2008 Total CVOC (TCE + 1,1,1-TCA + 1,1-DCE) Concentration (ug/L)
- ND — None Detected
- NS — Not Sampled



DIAMETER = K * LOG (VOC_{total} CONCENTRATION)

APPROXIMATE SCALE IN FEET
0 300 600 1200

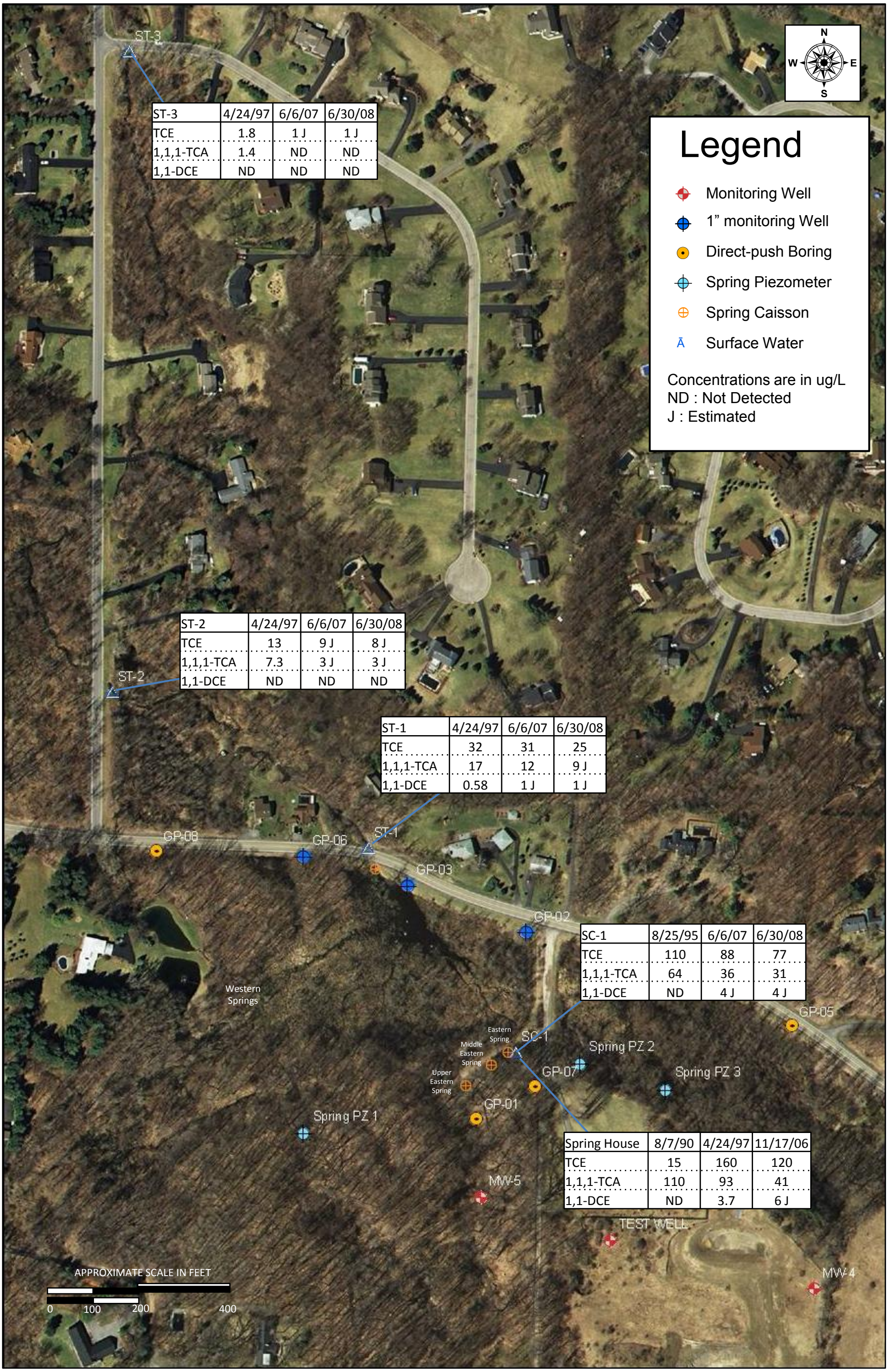
Basemap source: NYSDOT Quadrangle

H:\PROJECT\0266361\FILE\Groundwater\Bubble Plot.pptx

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
WORK ASSIGNMENT # D-004439 - 9

MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013)
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK
FIGURE 21
JUNE-AUGUST 2008 GROUNDWATER TOTAL VOC CONCENTRATIONS

MALCOLM PIRNIE



ST-3	4/24/97	6/6/07	6/30/08
TCE	1.8	1 J	1 J
1,1,1-TCA	1.4	ND	ND
1,1-DCE	ND	ND	ND

ST-2	4/24/97	6/6/07	6/30/08
TCE	13	9 J	8 J
1,1,1-TCA	7.3	3 J	3 J
1,1-DCE	ND	ND	ND

ST-1	4/24/97	6/6/07	6/30/08
TCE	32	31	25
1,1,1-TCA	17	12	9 J
1,1-DCE	0.58	1 J	1 J

SC-1	8/25/95	6/6/07	6/30/08
TCE	110	88	77
1,1,1-TCA	64	36	31
1,1-DCE	ND	4 J	4 J

Spring House	8/7/90	4/24/97	11/17/06
TCE	15	160	120
1,1,1-TCA	110	93	41
1,1-DCE	ND	3.7	6 J

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF ENVIRONMENTAL REMEDIATION

REMEDIAL INVESTIGATION/FEASIBILITY STUDY

WORK ASSIGNMENT # D-004439-9

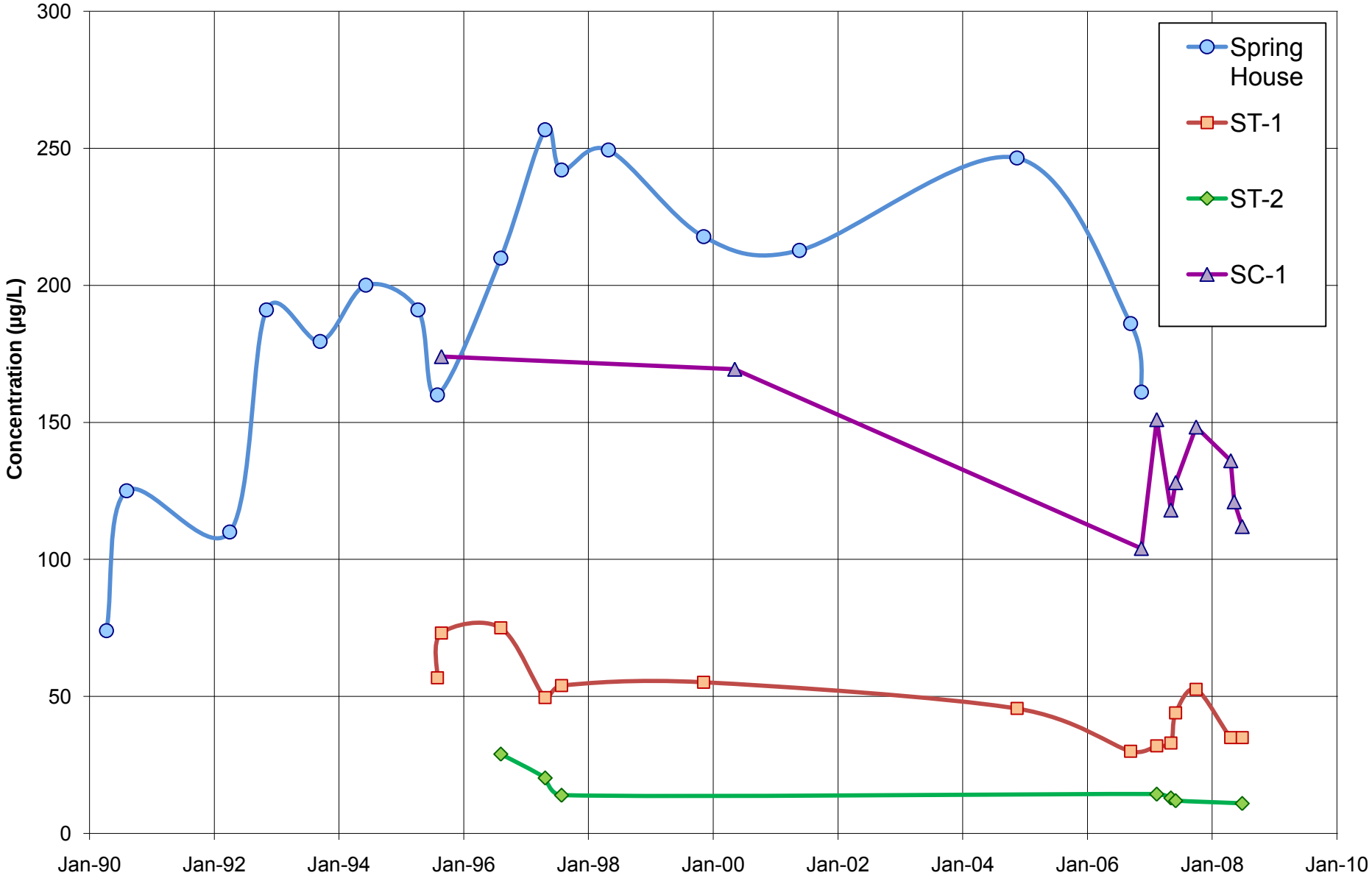
MODOCK ROAD SPRINGS/DLS SAND AND GRAVEL, INC. SITE (HW 8-35-013) TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK

FIGURE 22

Select Surface Water CVOC Analytical Results

MALCOLM PIRNIE

Figure 23
Surface Water Total Volatile Organic Compound Concentrations
Modock Road Springs/DLS Sand and Gravel, Inc. (HW 8-35-013)
Town of Victor, Ontario County, New York



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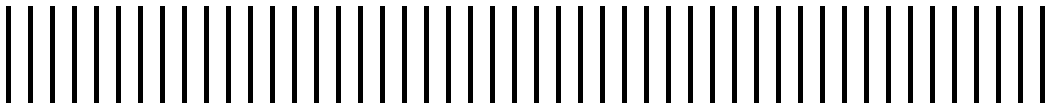
New York State Department of Environmental Conservation
Remedial Investigation Report
Modock Road Springs/DLS Sand and Gravel, Inc. Site

Tables



0266361

MALCOLM PIRNIE

Table 1
DEPTH TO WATER MEASUREMENTS AND GROUNDWATER ELEVATIONS
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Well ID	Top of PVC Casing Elevation (feet)	Depth to Groundwater (feet) 4/12/2007	Depth to Groundwater (feet) 4/22/2008	Depth to Groundwater (feet) 7/29/2008	Groundwater Elevation (feet) 4/12/2007	Groundwater Elevation (feet) 4/22/2008	Groundwater Elevation (feet) 7/29/2008
MW-2	697.37	52.26	52.20	52.55	645.11	645.17	644.82
MW-4	676.61	39.74	39.82	40.05	636.87	636.79	636.56
MW-5	646.91	11.61	11.70	11.66	635.30	635.21	635.25
MW-6	704.25	60.24	60.15	60.45	644.01	644.10	643.80
MW-7	708.94	64.48	64.40	64.74	644.46	644.54	644.20
MW-8	735.87	49.34	49.17	49.50	686.53	686.70	686.37
MW-9	737.02	51.61	51.23	51.50	685.41	685.79	685.52
MW-10	731.44	81.50	80.00	80.08	649.94	651.44	651.36
MW-11	728.57	41.34	41.10	41.31	687.23	687.47	687.26
MW-12	756.60	Dry	48.23	48.57	Dry	708.37	708.03
MW-13	781.20	Dry	65.65	65.75	Dry	715.55	715.45
MW-14	759.17	56.71	57.35	57.04	702.46	701.82	702.13
MW-15	786.44	NI	60.52	60.46	NI	725.92	725.98
MW-16	754.95	NI	65.71	65.82	NI	689.24	689.13
MW-17S	760.09	NI	58.91	58.98	NI	701.18	701.11
MW-17D	761.15	NI	74.00	74.16	NI	687.15	686.99
MW-18	838.62	NI	111.09	111.16	NI	727.53	727.46
MW-19	839.29	NI	106.89	106.81	NI	732.40	732.48
MW-20	761.90	NI	NI	41.51	NI	NI	720.39
MW-21	729.59	NI	NI	66.53	NI	NI	663.06
MW-22	729.97	NI	NI	57.26	NI	NI	672.71
MW-23	692.17	NI	NI	38.28	NI	NI	653.89
MW-24S	722.31	NI	NI	66.00	NI	NI	656.31
MW-24D	722.20	NI	NI	65.90	NI	NI	656.30
MW-25	792.88	NI	NI	35.71	NI	NI	757.17
MW-26	800.59	NI	NI	67.15	NI	NI	733.44
MW-27	649.37	NI	NI	12.87	NI	NI	636.50
TEST WELL	669.92	33.85	33.85	33.83	636.07	636.07	636.09
GP-2	622.89	NI	2.72	3.00	NI	620.17	619.89
GP-3	619.22	NI	1.10	1.20	NI	618.12	618.02
GP-4	627.86	NI	2.60	5.07	NI	625.26	622.79
GP-6	618.43	NI	1.71	1.75	NI	616.72	616.68
Spring PZ-1	637.03	NI	NI	0.35	NI	NI	636.68
Spring PZ-2	628.00	NI	NI	0.60	NI	NI	627.40
Spring PZ-3	629.52	NI	NI	0.40	NI	NI	629.12
SS&G MW-2	812.23	36.78	37.03	37.02	775.45	775.20	775.21
SS&G MW-3	805.43	70.16	70.02	69.90	735.27	735.41	735.53
SS&G MW-4	858.46	NM	71.76	71.85	NM	786.70	786.61
SS&G MW-5	799.81	13.01	12.85	12.20	786.80	786.96	787.61
SS&G MW-6	858.11	70.44	70.57	70.55	787.67	787.54	787.56
SS&G MW-7	814.94	17.43	16.41	11.72	797.51	798.53	803.22
SS&G MW-8	811.17	52.68	51.69	52.15	758.49	759.48	759.02
SS&G MW-9	751.61	NM	55.85	55.65	NM	695.76	695.96
SS&G MW-10	767.00	20.70	21.05	22.38	746.30	745.95	744.62
SS&G MW-11	757.67	15.17	16.00	16.71	742.50	741.67	740.96
SS&G MW-15	865.62	NI	NI	111.06	NI	NI	754.56
SS&G MW-16	860.04	NI	NI	125.30	NI	NI	734.74

Notes:
Vertical Datum: NAVD88
NI: Well not installed at time of measurement
NM: Not measured

Table 2
MONITORING WELL SURVEY DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

WELL ID (DESCRIPTION)	UTM NORTHING	UTM EASTING	STATE PLANE NORTHING	STATE PLANE EASTING	GROUND SURFACE ELEVATION	PVC RISER ELEVATION	PROTECTIVE CASING ELEVATION
MW-2	15622638.01	985029.70	1087909.93	588283.97	695.51	697.37	N/A
MW-4	15623511.84	985203.77	1088786.81	588441.53	676.87	676.61	676.88
MW-5	15623720.43	984445.16	1088981.04	587679.19	644.74	646.91	N/A
MW-6	15622502.90	985518.68	1087784.07	588775.36	703.40	704.25	N/A
MW-7	15622532.80	985260.73	1087809.10	588516.92	707.49	708.94	N/A
MW-8	15619336.13	987761.70	1084660.42	591077.45	734.12	735.87	735.80
MW-9	15619475.47	987466.66	1084794.16	590779.86	734.16	737.02	736.98
MW-10	15621557.16	986232.01	1086852.03	589506.32	728.93	731.44	731.42
MW-11	15619235.87	988099.15	1084566.55	591416.70	725.95	728.57	728.55
MW-12	15619663.39	985121.67	1084937.84	588431.96	754.99	756.60	756.88
MW-13	15619235.77	985130.57	1084510.51	588448.92	779.82	781.20	781.46
MW-14	15619210.03	985402.48	1084489.90	588721.24	757.37	759.17	759.43
MW-15	15619236.4	984925.6	1084508.1	588244.3	783.89	786.44	786.56
MW-16	15619061.2	985949.2	1084352.2	589270.9	752.75	754.95	754.94
MW-17S	15619161.9	985588.9	1084446.1	588908.8	757.50	760.09	760.11
MW-17D	15619152.1	985584.1	1084436.2	588904.1	758.48	761.15	761.13
MW-18	15618747.6	985388.8	1084028.1	588716.6	836.16	838.62	838.75
MW-19	15618755.0	985282.3	1084033.6	588610.0	836.57	839.29	839.42
MW-20	15619544.7	984755.5	1084813.1	588068.4	759.29	761.90	761.97
MW-21	15620414.7	985459.4	1085696.1	588755.7	729.91	729.59	729.91
MW-22	15620102.1	986312.4	1085399.7	589614.4	730.29	729.97	730.29
MW-23	15621488.1	984763.1	1086756.1	588039.4	692.57	692.17	692.57
MW-24S	15620542.8	984992.9	1085815.4	588286.9	722.62	722.31	722.62
MW-24D	15620546.2	984980.2	1085818.5	588274.2	722.55	722.20	722.55
MW-25	15617991.9	985817.6	1083280.8	589159.5	790.35	792.88	792.85
MW-26	15618352.3	985323.5	1083631.7	588658.7	797.86	800.59	800.61
MW-27	15623606.2	986008.1	1088897.1	589244.2	649.71	649.37	649.71
TEST WELL	15623622.31	984739.88	1088888.50	587975.68	667.54	669.92	N/A
GP-2	15624318.0	984548.4	1089581.2	587771.4	623.05	622.89	623.05
GP-3	15624426.0	984280.6	1089684.1	587501.6	619.46	619.22	619.46
GP-4	15624266.3	984798.4	1089534.3	588022.3	628.06	627.86	628.06
GP-6	15624490.3	984042.6	1089743.9	587262.5	618.60	618.43	618.60
Spring PZ-1	15623863.2	984042.0	1089116.9	587273.7	636.78	637.03	N/A
Spring PZ-2	15624020.2	984668.6	1089285.7	587897.2	627.25	628.00	N/A
Spring PZ-3	15623960.7	984864.6	1089229.9	588094.3	628.92	629.52	N/A
SPRINGHOUSE (INVERT)	15624026.4	984522.8	1089289.2	587751.3	622.04	N/A	N/A
SC-1 (GROUND)	15624049.7	984525.3	1089312.5	587753.4	621.53	N/A	N/A
SC-1 (WATER SURFACE)	15624051.2	984523.6	1089314.0	587751.7	622.28	N/A	N/A
SS&G MW-2	15618062.39	984964.46	1083334.31	588304.96	809.96	812.23	812.41
SS&G MW-3	15618739.36	984986.05	1084011.51	588313.79	803.55	805.43	805.70
SS&G MW-4	15617407.6	984064.8	1082663.6	587418.1	856.46	858.46	858.79
SS&G MW-5	15617089.51	984959.66	1082361.60	588318.49	797.30	799.81	799.95
SS&G MW-6	15617456.80	985361.46	1082736.37	588713.26	854.59	858.11	858.13
SS&G MW-7	15617110.27	985897.14	1082400.02	589255.32	811.90	814.94	815.11
SS&G MW-8	15618030.64	986248.92	1083326.77	589589.67	808.43	811.17	811.38
SS&G MW-9	15618990.1	986212.1	1084286.1	589535.0	748.60	751.61	751.81
SS&G MW-10	15616542.75	984807.88	1081812.13	588177.05	764.45	767.00	767.20
SS&G MW-11	15616490.95	985166.24	1081767.10	588536.29	755.24	757.67	757.84
SS&G MW-15	15618838.9	984058.7	1084094.4	587385.1	864.12	865.62	866.24
SS&G MW-16	15618879.1	984483.8	1084142.5	587809.3	858.65	860.04	861.22

NOTES:
HORIZONTAL DATUM: NAD 83/96 UTM (ZONE 18) AND NEW YORK STATE PLANE (CENTRAL)
VERTICAL DATUM: NAVD 88
COORDINATES & ELEVATIONS ARE REPORTED IN U.S. SURVEY FEET
SURVEY BY OM P. POPLI IN APRIL 2007 AND JULY 2008

Table 3
MONITORING WELL INFORMATION
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Monitoring Well	Stick Up (SU)/Flush Mount (FM)	Easting (X)	Northing (Y)	Ground Surface Elevation (ft. AMSL)	Elevation at Top of Protective Casing (ft. AMSL)	Elevation at Top of Casing (TOC) (ft. AMSL)	Well Dia. (in.)	Depth to Clay or Silt (ft. bgs)	Elevation of top of Clay or Silt (ft. AMSL)	Approx. Sat. Thickness (ft.)	Total Depth of Well Below TOC (ft.)	Difference in Elevations of Ground Surface and TOC	Screen Length (ft.)	Top of Screen BGS (ft.)	Top of Screen Below TOC (ft.)	Top of Screen Elevation (ft. AMSL)	Bottom of Screen BGS (ft.)	Bottom of Screen Below TOC (ft.)	Bottom of Screen Elevation (ft. AMSL)	Depth to Water Level Below TOC 7/29/08 (ft.)	Height of Standing Water (ft.)
MW-2	SU	588283.97	1087909.93	695.51	N/A	697.37	2	-	-	-	59.87	1.86	10	48.00	49.86	647.51	58.00	59.86	637.51	52.55	7.31
MW-4	SU	588441.53	1088786.81	676.87	676.88	676.61	2	-	-	-	59.70	0.26	10	41.50	41.24	635.37	51.50	51.24	625.37	40.05	11.19
MW-5	SU	587679.19	1088981.04	644.74	N/A	646.91	2	21.5	623.2	12.01	24.70	2.17	10	12.50	14.67	632.24	22.50	24.67	622.24	11.66	13.01
MW-6	SU	588775.36	1087784.07	703.40	N/A	704.25	2	70	633.4	10.40	69.21	0.85	10	59.00	59.85	644.40	69.00	69.85	634.40	60.45	9.40
MW-7	SU	588516.92	1087809.10	707.49	N/A	708.94	2	-	-	-	74.61	1.45	10	64.50	65.95	642.99	74.50	75.95	632.99	64.74	11.21
MW-8	SU	591077.45	1084660.42	734.12	735.80	735.87	2	-	-	-	55.55	1.75	15	45.00	46.75	689.12	60.00	61.75	674.12	49.50	12.25
MW-9	SU	590779.86	1084794.16	734.16	736.98	737.02	2	-	-	-	63.51	2.86	15	50.00	52.86	684.16	65.00	67.86	669.16	51.50	16.36
MW-10	SU	589506.32	1086852.03	728.93	731.42	731.44	2	92	636.9	14.43	90.69	2.51	15	75.00	77.51	653.93	90.00	92.51	638.93	80.08	12.43
MW-11	SU	591416.70	1084566.55	725.95	728.55	728.57	2	-	-	-	53.31	2.62	15	40.00	42.62	685.95	55.00	57.62	670.95	41.31	16.31
MW-12	SU	588431.96	1084937.84	754.99	756.88	756.60	2	-	-	-	62.12	1.61	15	48.00	49.61	706.99	63.00	64.61	691.99	48.57	16.04
MW-13	SU	588448.92	1084510.51	779.82	781.46	781.20	2	-	-	-	73.32	1.38	10	55.00	56.38	724.82	65.00	66.38	714.82	65.75	0.63
MW-14	SU	588721.24	1084489.90	757.37	759.43	759.17	2	-	-	-	62.25	1.80	15	48.00	49.80	709.37	63.00	64.80	694.37	57.04	7.76
MW-15	SU	588244.28	1084508.07	783.89	786.56	786.44	2	113	670.9	53.00	71.55	2.55	10	59.00	61.55	724.89	69.00	71.55	714.89	60.46	11.09
MW-16	SU	589270.88	1084352.25	752.75	754.94	754.95	2	-	-	-	70.20	2.20	10	58.00	60.20	694.75	68.00	70.20	684.75	65.82	4.38
MW-17S	SU	588908.83	1084446.15	757.50	760.11	760.09	2	-	-	-	69.59	2.59	10	57.00	59.59	700.50	67.00	69.59	690.50	58.98	10.61
MW-17D	SU	588904.14	1084436.20	758.48	761.13	761.15	2	90	668.5	33.00	97.67	2.67	5	90.00	92.67	668.48	95.00	97.67	663.48	74.16	23.51
MW-18	SU	588716.55	1084028.15	836.16	838.75	838.62	2	136	700.2	26.00	128.46	2.46	10	116.00	118.46	720.16	126.00	128.46	710.16	111.16	17.30
MW-19	SU	588609.98	1084033.56	836.57	839.42	839.29	2	-	-	-	118.72	2.72	10	106.00	108.72	730.57	116.00	118.72	720.57	106.81	11.91
MW-20	SU	588068.44	1084813.11	759.29	761.97	761.90	2	89.5	669.8	49.50	60.61	2.61	15	43.00	45.61	716.29	58.00	60.61	701.29	41.51	19.10
MW-21	FM	588755.69	1085696.15	729.91	729.91	729.59	2	70	659.9	17.00	69.68	0.32	10	60.00	59.68	669.91	70.00	69.68	659.91	66.53	3.15
MW-22	FM	589614.43	1085399.67	730.29	730.29	729.97	2	58.5	671.8	5.00	58.68	0.32	10	49.00	48.68	681.29	59.00	58.68	671.29	57.26	1.42
MW-23	FM	588039.39	1086756.14	692.57	692.57	692.17	2	-	-	-	47.60	0.40	10	38.00	37.60	654.57	48.00	47.60	644.57	38.28	9.32
MW-24S	FM	588286.89	1085815.36	722.62	722.62	722.31	2	98	-	32.00	74.69	0.31	10	65.00	64.69	657.62	75.00	74.69	647.62	66.00	8.69
MW-24D	FM	588274.20	1085818.54	722.55	722.55	722.20	2	98	624.6	36.00	97.65	0.35	10	88.00	87.65	634.55	98.00	97.65	624.55	65.90	31.75
MW-25	SU	589159.47	1083280.75	790.35	792.85	792.88	2	50.5 & 98	739.9	25.50	50.53	2.53	10	38.00	40.53	752.35	48.00	50.53	742.35	35.71	14.82
MW-26	SU	588658.72	1083631.73	797.86	800.61	800.59	2	88 & 109.5	709.9	21.00	87.73	2.73	10	75.00	77.73	722.86	85.00	87.73	712.86	67.15	20.58
MW-27	FM	589244.17	1088897.13	649.71	649.71	649.37	2	-	-	-	29.66	0.34	20	10.00	9.66	639.71	30.00	29.66	619.71	12.87	16.79
TEST WELL	SU	587975.68	1088888.50	667.54	N/A	669.92	6	-	-	-	54.93	2.38	unknown	-	-	-	-	-	-	33.83	-
GP-2	FM	587771.38	1089581.24	623.05	623.05	622.89	1	-	-	-	14.84	0.16	10	5.00	4.84	618.05	15.00	14.84	608.05	3.00	11.84
GP-3	FM	587501.63	1089684.12	619.46	619.46	619.22	1	-	-	-	15.76	0.24	10	6.00	5.76	613.46	16.00	15.76	603.46	1.20	14.56
GP-4	FM	588022.35	1089534.26	628.06	628.06	627.86	1	18.5	609.6	15.90	17.80	0.20	10	8.00	7.80	620.06	18.00	17.80	610.06	5.07	12.73
GP-6	FM	587262.51	1089743.92	618.60	618.60	618.43	1	-	-	-	14.83	0.17	10	5.00	4.83	613.60	15.00	14.83	603.60	1.75	13.08
Spring PZ-1	SU	587273.67	1089116.94	636.78	N/A	637.03	2	-	-	-	3.33	0.25	2	0.50	0.75	636.28	2.50	2.75	634.28	0.35	2.98
Spring PZ-2	SU	587897.21	1089285.72	627.25	N/A	628.00	2	-	-	-	3.33	0.75	2	0.50	1.25	626.75	2.50	3.25	624.75	0.60	2.73
Spring PZ-3	SU	588094.28	1089229.93	628.92	N/A	629.52	2	-	-	-	3.33	0.60	2	0.50	1.10	628.42	2.50	3.10	626.42	0.40	2.93
SS&G MW-2	SU	588304.96	1083334.31	809.96	812.41	812.23	2	107	703.0	21.00	50.58	2.27	unknown	-	-	-	-	-	-	37.02	-
SS&G MW-3	SU	588313.79	1084011.51	803.55	805.70	805.43	2	-	-	-	72.13	1.88	unknown	-	-	-	-	-	-	69.90	-
SS&G MW-4	SU	587418.13	1082663.55	856.46	858.79	858.46	2	-	-	-	79.89	2.00	unknown	-	-	-	-	-	-	71.85	-
SS&G MW-5	SU	588318.49	1082361.60	797.30	799.95	799.81	2	87	710.3	14.00	27.04	2.51	unknown	-	-	-	-	-	-	12.20	-
SS&G MW-6	SU	588713.26	1082736.37	854.59	858.13	858.11	2	-	-	-	83.75	3.52	unknown	-	-	-	-	-	-	70.55	-
SS&G MW-7	SU	589255.32	1082400.02	811.90	815.11	814.94	2	-	-	-	26.63	3.04	unknown	-	-	-	-	-	-	11.72	-
SS&G MW-8	SU	589589.67	1083326.77	808.43	811.38	811.17	2	-	-	-	60.95	2.74	unknown	-	-	-	-	-	-	52.15	-
SS&G MW-9	SU	589535.05	1084286.13	748.60	751.81	751.61	2	-	-	-	65.82	3.01	unknown	-	-	-	-	-	-	55.65	-
SS&G MW-10	SU	588177.05	1081812.13	764.45	767.20	767.00	2	-	-	-	48.07	2.55	15	33.07	35.62	731.38	48.07	50.62	716.38	22.38	28.24
SS&G MW-11	SU	588536.29	1081767.10	755.24	757.84	757.67	2	-	-	-	46.34	2.43	15	31.34	33.77	723.90	46.34	48.77	708.90	16.71	32.06
SS&G MW-15	SU	587385.07	1084094.38	864.12	866.24	865.62	2	-	-	-	119.5	1.50	10	108.00	109.5	756.117	118.00	119.50	746.12	111.06	8.44
SS&G MW-16	SU	587809.33	1084142.55	858.65	861.22	860.04	2	-	-	-	132.9	1.39	10	121.50	122.89	737.15	131.50	132.89	727.15	125.30	7.59

Notes:
Vertical Datum: NAVD88
Horizontal Datum: NAD 83/96
Coordinates are in state plane New York Central Zone
Coordinates and elevations are in U.S. Survey feet

Table 4
NATURE AND EXTENT OF CONTAMINATION
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Medium		Category	Contaminant of Concern	Concentration Range	Frequency of Samples Exceeding SCGs	SCG
Groundwater		VOCs	Trichloroethene	ND to 2,300 µg/L	36 of 91	5 µg/L
			1,1,1-Trichloroethane	ND to 330 µg/L	30 of 91	5 µg/L
			1,1-Dichloroethene	ND to 55 µg/L	15 of 91	5 µg/L
Surface Water		VOCs	Trichloroethene	ND to 110 µg/L	7 of 21	40 µg/L
			1,1,1-Trichloroethane	ND to 42 µg/L	-	No SCG
			1,1-Dichloroethene	ND to 10 µg/L	-	No SCG
Subsurface Soil	All Subsurface Soil (Direct-push, test pit, and subsurface drilling programs)	VOCs	Trichloroethene	ND to 990 µg/kg	2 of 82	470 µg/kg
			1,1,1-Trichloroethane	ND to 100 µg/kg	0 of 82	680 µg/kg
			1,1-Dichloroethene	ND to 18 µg/kg	0 of 82	330 µg/kg
	Direct-push Subsurface Soil from DLS Sand and Gravel, Inc. Property.	VOCs	Trichloroethene	ND to 4.1 µg/kg	0 of 42	470 µg/kg
			1,1,1-Trichloroethane	No detections	0 of 42	680 µg/kg
			1,1-Dichloroethene	No detections	0 of 42	330 µg/kg
	Test Pit Excavation Subsurface Soil	VOCs	Trichloroethene	ND to 4.5 µg/kg	0 of 17	470 µg/kg
			1,1,1-Trichloroethane	No detections	0 of 17	680 µg/kg
			1,1-Dichloroethene	No detections	0 of 17	330 µg/kg
	Drilling Program Subsurface Soil	VOCs	Trichloroethene	ND to 990 µg/kg	2 of 23	470 µg/kg
			1,1,1-Trichloroethane	ND to 100 µg/kg	0 of 23	680 µg/kg
			1,1-Dichloroethene	ND to 18 µg/kg	0 of 23	330 µg/kg
Surface Soil		VOCs	Trichloroethene	No detections	0 of 15	470 µg/kg
			1,1,1-Trichloroethane	No detections	0 of 15	680 µg/kg
			1,1-Dichloroethene	No detections	0 of 15	330 µg/kg
Indoor Air		VOCs	Trichloroethene	ND to 12 µg/m^3	6 of 169	5 µg/m^3
			1,1,1-Trichloroethane	ND to 74 µg/m^3	-	No SCG
			1,1-Dichloroethene	ND to 14 µg/m^3	-	No SCG
Sub-slab Vapor		VOCs	Trichloroethene	ND to 1,700 µg/m^3	-	No SCG
			1,1,1-Trichloroethane	ND to 5,900 µg/m^3	-	No SCG
			1,1-Dichloroethene	ND to 1,100 µg/m^3	-	No SCG
Passive Soil Gas		VOCs	Trichloroethene	ND to 10,501 nanograms	-	No SCG
			1,1,1-Trichloroethane	ND to 12,739 nanograms	-	No SCG
			1,1-Dichloroethene	ND to 3,033 nanograms	-	No SCG

Notes:
ND - Not detected at a concentration greater than the reporting limit.
Only results from samples collected from 2006 through 2008 are included above.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-OA-01-021207		MRS-FA-01-021207		MRS-BA-01-021207	
	Sample Date	Feb-12-2007		Feb-12-2007		Feb-12-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	2.5		2.7		2.6	
Chloromethane	µg/m³	0.73		1.2		0.66	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.69	ND	0.78	ND	0.66	ND
Vinyl Chloride	µg/m³	0.69	ND	0.78	ND	0.66	ND
Bromomethane	µg/m³	0.69	ND	0.78	ND	0.66	ND
Chloroethane	µg/m³	0.69	ND	0.78	ND	0.66	ND
Ethanol	µg/m³	6.9	ND	220		6.6	ND
Acetone	µg/m³	7.9		19		7.9	
Trichlorofluoromethane	µg/m³	1.2		1.3		1.2	
1,1-Dichloroethene	µg/m³	0.69	ND	0.78	ND	0.66	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.69	ND	0.78	ND	0.66	ND
Methylene chloride	µg/m³	0.69	ND	0.78	ND	0.66	ND
Trichlorotrifluoroethane	µg/m³	0.69	ND	0.78	ND	0.66	ND
trans-1,2-Dichloroethene	µg/m³	0.69	ND	0.78	ND	0.66	ND
1,1-Dichloroethane	µg/m³	0.69	ND	0.78	ND	0.66	ND
Methyl tert-Butyl Ether	µg/m³	0.69	ND	0.78	ND	0.66	ND
2-Butanone (MEK)	µg/m³	1.2		2.1		8.7	
cis-1,2-Dichloroethene	µg/m³	0.69	ND	0.78	ND	0.66	ND
n-Hexane	µg/m³	0.69	ND	1.1	NJ	3.3	NJ
Chloroform	µg/m³	0.69	ND	0.94		0.66	ND
1,2-Dichloroethane	µg/m³	0.69	ND	0.78	ND	0.66	ND
1,1,1-Trichloroethane	µg/m³	0.69	ND	0.78	ND	0.66	ND
Benzene	µg/m³	0.75		7.6		1.1	
Carbon Tetrachloride	µg/m³	0.45		0.46		0.42	
Cyclohexane	µg/m³	0.69	ND	0.78	ND	0.75	NJ
1,2-Dichloropropane	µg/m³	0.69	ND	0.78	ND	0.66	ND
Bromodichloromethane	µg/m³	0.69	ND	0.78	ND	0.66	ND
Trichloroethene	µg/m³	0.14	ND	0.16	ND	0.13	ND
1,4-Dioxane	µg/m³	0.69	ND	0.78	ND	0.66	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.69	ND	0.78	ND	0.75	
cis-1,3-Dichloropropene	µg/m³	0.69	ND	0.78	ND	0.66	ND
trans-1,3-Dichloropropene	µg/m³	0.69	ND	0.78	ND	0.66	ND
1,1,2-Trichloroethane	µg/m³	0.69	ND	0.78	ND	0.66	ND
Toluene	µg/m³	1.1		5.0		14	
2-Hexanone	µg/m³	0.69	ND	0.78	ND	0.67	
Dibromochloromethane	µg/m³	0.69	ND	0.78	ND	0.66	ND
1,2-Dibromoethane	µg/m³	0.69	ND	0.78	ND	0.66	ND
Tetrachloroethene	µg/m³	0.69	ND	0.78	ND	0.66	ND
Chlorobenzene	µg/m³	0.69	ND	0.78	ND	0.66	ND
Ethylbenzene	µg/m³	0.69	ND	0.78	ND	1.0	
m,p-Xylenes	µg/m³	0.69	ND	2.7		4.6	
Bromoform	µg/m³	0.69	ND	0.78	ND	0.66	ND
Styrene	µg/m³	0.69	ND	0.78	ND	0.66	ND
o-Xylene	µg/m³	0.69	ND	0.85		1.5	
1,1,2,2-Tetrachloroethane	µg/m³	0.69	ND	0.78	ND	0.66	ND
1,3,5-Trimethylbenzene	µg/m³	0.69	ND	0.78	ND	0.89	
1,2,4-Trimethylbenzene	µg/m³	0.69	ND	0.78	ND	3.4	
Benzyl Chloride	µg/m³	0.69	ND	0.78	ND	0.66	ND
1,3-Dichlorobenzene	µg/m³	0.69	ND	0.78	ND	0.66	ND
1,4-Dichlorobenzene	µg/m³	0.69	ND	0.78	ND	0.66	ND
1,2-Dichlorobenzene	µg/m³	0.69	ND	0.78	ND	0.66	ND
1,2,4-Trichlorobenzene	µg/m³	0.69	ND	0.78	ND	0.66	ND
Hexachlorobutadiene	µg/m³	0.69	ND	0.78	ND	0.66	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-02-021207		MRS-FA-02-021207		MRS-BA-02-021207		MRS-OA-02-021207	
	Sample Date	Feb-12-2007		Feb-12-2007		Feb-12-2007		Feb-12-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	3.2		4.3		5.2		2.5	
Chloromethane	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Vinyl Chloride	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Bromomethane	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Chloroethane	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Ethanol	µg/m³	23		250		190		7.4	ND
Acetone	µg/m³	31		62		62		7.4	ND
Trichlorofluoromethane	µg/m³	1.3		2.6		2.4		1.2	
1,1-Dichloroethene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.68	ND	1.2		0.82	ND	0.74	ND
Methylene chloride	µg/m³	2.5		16		29		0.74	ND
Trichlorotrifluoroethane	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
trans-1,2-Dichloroethene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
1,1-Dichloroethane	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Methyl tert-Butyl Ether	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
2-Butanone (MEK)	µg/m³	11		20		26		2.1	
cis-1,2-Dichloroethene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
n-Hexane	µg/m³	2.1	NJ	1.2	NJ	1.7		0.74	ND
Chloroform	µg/m³	0.68	ND	1.1		0.85		0.74	ND
1,2-Dichloroethane	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
1,1,1-Trichloroethane	µg/m³	1.9		1.5		1.7		0.74	ND
Benzene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Carbon Tetrachloride	µg/m³	0.14	ND	0.42		0.41		0.42	
Cyclohexane	µg/m³	0.85	NJ	0.72	ND	0.82	ND	0.74	ND
1,2-Dichloropropane	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Bromodichloromethane	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Trichloroethene	µg/m³	0.14	ND	0.14	ND	0.16	ND	0.15	ND
1,4-Dioxane	µg/m³	1.1	NJ	0.72	ND	0.82	ND	0.74	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
cis-1,3-Dichloropropene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
trans-1,3-Dichloropropene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
1,1,2-Trichloroethane	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Toluene	µg/m³	18		31		53		2.9	
2-Hexanone	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Dibromochloromethane	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
1,2-Dibromoethane	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Tetrachloroethene	µg/m³	0.86		2.6		3.3		0.74	ND
Chlorobenzene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Ethylbenzene	µg/m³	0.87		0.87		1.3		0.74	ND
m,p -Xylenes	µg/m³	4.3		3.3		4.7		0.74	ND
Bromoform	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Styrene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
o-Xylene	µg/m³	1.2		0.91		1.3		0.74	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
1,3,5-Trimethylbenzene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
1,2,4-Trimethylbenzene	µg/m³	1.2		0.72	ND	0.96		0.74	ND
Benzyl Chloride	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
1,3-Dichlorobenzene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
1,4-Dichlorobenzene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
1,2-Dichlorobenzene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
1,2,4-Trichlorobenzene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND
Hexachlorobutadiene	µg/m³	0.68	ND	0.72	ND	0.82	ND	0.74	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-FA-03-021207		MRS-BA-03-021207		MRS-SS-03-021207	
	Sample Date	Feb-12-2007		Feb-12-2007		Feb-12-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	2.5		2.5		2.6	
Chloromethane	µg/m³	0.75	ND	0.63	ND	0.60	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.75	ND	0.63	ND	0.60	ND
Vinyl Chloride	µg/m³	0.75	ND	0.63	ND	0.60	ND
Bromomethane	µg/m³	0.75	ND	0.63	ND	0.60	ND
Chloroethane	µg/m³	0.75	ND	0.63	ND	0.60	ND
Ethanol	µg/m³	430		26		6.0	ND
Acetone	µg/m³	24	M	7.8	M	14	
Trichlorofluoromethane	µg/m³	1.2		1.2		1.3	
1,1-Dichloroethene	µg/m³	0.75	ND	0.63	ND	2.1	
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.75	ND	0.63	ND	0.60	ND
Methylene chloride	µg/m³	0.75	ND	0.63	ND	0.60	ND
Trichlorotrifluoroethane	µg/m³	0.75	ND	0.63	ND	0.84	
trans-1,2-Dichloroethene	µg/m³	0.75	ND	0.63	ND	0.60	ND
1,1-Dichloroethane	µg/m³	0.75	ND	0.63	ND	0.60	ND
Methyl tert-Butyl Ether	µg/m³	0.75	ND	0.63	ND	0.60	ND
2-Butanone (MEK)	µg/m³	4.5		3.0		7.0	
cis-1,2-Dichloroethene	µg/m³	0.75	ND	0.63	ND	0.60	ND
n-Hexane	µg/m³	2.8		2.4		7.5	
Chloroform	µg/m³	0.81		0.63	ND	0.60	ND
1,2-Dichloroethane	µg/m³	0.75	ND	0.63	ND	0.60	ND
1,1,1-Trichloroethane	µg/m³	1.6		2.2		150	
Benzene	µg/m³	1.9		1.6		1.4	
Carbon Tetrachloride	µg/m³	0.44		0.43		0.18	
Cyclohexane	µg/m³	0.75	ND	0.63	ND	2.6	
1,2-Dichloropropane	µg/m³	0.75	ND	0.63	ND	0.60	ND
Bromodichloromethane	µg/m³	0.75	ND	0.63	ND	0.60	ND
Trichloroethene	µg/m³	0.15	ND	0.13	ND	0.19	
1,4-Dioxane	µg/m³	0.75	ND	0.63	ND	1.2	
2,2,4-Trimethylpentane (Isooctane)	µg/m³	1.4		1.2		0.60	ND
cis-1,3-Dichloropropene	µg/m³	0.75	ND	0.63	ND	0.60	ND
trans-1,3-Dichloropropene	µg/m³	0.75	ND	0.63	ND	0.60	ND
1,1,2-Trichloroethane	µg/m³	0.75	ND	0.63	ND	0.60	ND
Toluene	µg/m³	21		9.3		13	
2-Hexanone	µg/m³	0.75	ND	0.63	ND	1.2	
Dibromochloromethane	µg/m³	0.75	ND	0.63	ND	0.60	ND
1,2-Dibromoethane	µg/m³	0.75	ND	0.63	ND	0.60	ND
Tetrachloroethene	µg/m³	0.75	ND	0.63	ND	0.68	
Chlorobenzene	µg/m³	0.75	ND	0.63	ND	0.60	ND
Ethylbenzene	µg/m³	2.6		5.4		0.93	
m,p -Xylenes	µg/m³	11		23		7.8	
Bromoform	µg/m³	0.75	ND	0.63	ND	0.60	ND
Styrene	µg/m³	0.75	ND	0.63	ND	0.60	ND
o-Xylene	µg/m³	3.3		5.2		2.0	
1,1,2,2-Tetrachloroethane	µg/m³	0.75	ND	0.63	ND	0.60	ND
1,3,5-Trimethylbenzene	µg/m³	0.80		1.5		1.4	
1,2,4-Trimethylbenzene	µg/m³	3.0		5.4		3.3	
Benzyl Chloride	µg/m³	0.75	ND	0.63	ND	0.60	ND
1,3-Dichlorobenzene	µg/m³	0.75	ND	0.63	ND	0.60	ND
1,4-Dichlorobenzene	µg/m³	0.75	ND	0.63	ND	0.60	ND
1,2-Dichlorobenzene	µg/m³	0.75	ND	0.63	ND	0.60	ND
1,2,4-Trichlorobenzene	µg/m³	0.75	ND	0.63	ND	0.60	ND
Hexachlorobutadiene	µg/m³	0.75	ND	0.63	ND	0.60	ND

Notes:

ND: Compound not detected, Method Reporting Limit (MRL) listed

U: Qualified by data validator to non-detect

J: Estimated

N: Tentative identification

M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-04-021307		MRS-BA-04-021307		MRS-FA-04-021307		MRS-OA-04-021307	
	Sample Date	Feb-13-2007		Feb-13-2007		Feb-13-2007		Feb-13-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.9		3.5		3.9		2.4	
Chloromethane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.73	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Vinyl Chloride	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Bromomethane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Chloroethane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Ethanol	µg/m³	6.8	ND	10		150		5.6	ND
Acetone	µg/m³	13		14	M	14	M	9.1	
Trichlorofluoromethane	µg/m³	2.7		19		18		1.2	
1,1-Dichloroethene	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Methylene chloride	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Trichlorotrifluoroethane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.58	
trans-1,2-Dichloroethene	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
1,1-Dichloroethane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Methyl tert-Butyl Ether	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
2-Butanone (MEK)	µg/m³	5.9		7.1		3.7		0.98	
cis-1,2-Dichloroethene	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
n-Hexane	µg/m³	1.6		3.2		1.6		0.56	ND
Chloroform	µg/m³	0.68	ND	0.77	ND	1.1		0.56	ND
1,2-Dichloroethane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
1,1,1-Trichloroethane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Benzene	µg/m³	0.68	ND	1.8		1.3		0.56	ND
Carbon Tetrachloride	µg/m³	0.17		0.41		0.43		0.40	
Cyclohexane	µg/m³	0.68		0.77	ND	0.77	ND	0.56	ND
1,2-Dichloropropane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Bromodichloromethane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Trichloroethene	µg/m³	0.14	ND	0.15	ND	0.15	ND	0.11	ND
1,4-Dioxane	µg/m³	0.68	ND	1.5		0.77	ND	0.56	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
cis-1,3-Dichloropropene	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
trans-1,3-Dichloropropene	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
1,1,2-Trichloroethane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Toluene	µg/m³	8.8		7.2		7.0		1.2	
2-Hexanone	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Dibromochloromethane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
1,2-Dibromoethane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Tetrachloroethene	µg/m³	2.0		0.77	ND	0.77	ND	0.56	ND
Chlorobenzene	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Ethylbenzene	µg/m³	0.68	ND	1.0		0.77	ND	0.56	ND
m,p -Xylenes	µg/m³	3.8		5.2		3.5		0.56	ND
Bromoform	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Styrene	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
o-Xylene	µg/m³	1.0		2.3		1.5		0.56	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
1,3,5-Trimethylbenzene	µg/m³	0.88		1.1		0.77	ND	0.56	ND
1,2,4-Trimethylbenzene	µg/m³	2.2		3.5		2.3		0.56	ND
Benzyl Chloride	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
1,3-Dichlorobenzene	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
1,4-Dichlorobenzene	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
1,2-Dichlorobenzene	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
1,2,4-Trichlorobenzene	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND
Hexachlorobutadiene	µg/m³	0.68	ND	0.77	ND	0.77	ND	0.56	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-05-021307		MRS-CS-05-021307		MRS-BA-05-021307		MRS-FA-05-021307		MRS-OA-05-021307	
	Sample Date	Feb-13-2007		Feb-13-2007		Feb-13-2007		Feb-13-2007		Feb-13-2007	
COMPOUND	**UNIT**										
Dichlorodifluoromethane (CFC 12)	µg/m³	3.9		2.4		2.3		2.6		2.4	
Chloromethane	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.72	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Vinyl Chloride	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Bromomethane	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Chloroethane	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Ethanol	µg/m³	7.2	ND	7.7	ND	8.1	ND	84		6.3	ND
Acetone	µg/m³	7.2	ND	7.7	ND	16		13		14	
Trichlorofluoromethane	µg/m³	1.4		1.1		1.1		1.3		1.2	
1,1-Dichloroethene	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Methylene chloride	µg/m³	0.72	ND	0.77	ND	0.85		0.84	ND	0.63	ND
Trichlorotrifluoroethane	µg/m³	1.6		0.77	ND	0.81	ND	0.84	ND	0.63	ND
trans-1,2-Dichloroethene	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,1-Dichloroethane	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Methyl tert-Butyl Ether	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
2-Butanone (MEK)	µg/m³	1.9		0.77	ND	2.3		1.9		1.0	
cis-1,2-Dichloroethene	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
n-Hexane	µg/m³	33		0.77	ND	0.81	ND	1.1		0.63	ND
Chloroform	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,2-Dichloroethane	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,1,1-Trichloroethane	µg/m³	21		0.77	ND	0.81	ND	0.84	ND	0.63	ND
Benzene	µg/m³	10		0.77	ND	0.81	ND	0.84	ND	0.63	ND
Carbon Tetrachloride	µg/m³	0.14	ND	0.38		0.42		0.42		0.46	
Cyclohexane	µg/m³	14		0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,2-Dichloropropane	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Bromodichloromethane	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Trichloroethene	µg/m³	0.31		0.15	ND	0.16	ND	0.18		0.13	ND
1,4-Dioxane	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
cis-1,3-Dichloropropene	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
trans-1,3-Dichloropropene	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,1,2-Trichloroethane	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Toluene	µg/m³	33		1.1		1.9		2.3		0.69	
2-Hexanone	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Dibromochloromethane	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,2-Dibromoethane	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Tetrachloroethene	µg/m³	5.0		0.77	ND	0.81	ND	0.84	ND	0.63	ND
Chlorobenzene	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Ethylbenzene	µg/m³	3.4		0.77	ND	0.81	ND	0.84	ND	0.63	ND
m,p-Xylenes	µg/m³	43		0.77	ND	0.81	ND	0.84	ND	0.63	ND
Bromoform	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Styrene	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
o-Xylene	µg/m³	10		0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,3,5-Trimethylbenzene	µg/m³	7.4		0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,2,4-Trimethylbenzene	µg/m³	13		0.77	ND	0.81	ND	0.84	ND	0.63	ND
Benzyl Chloride	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,3-Dichlorobenzene	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,4-Dichlorobenzene	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,2-Dichlorobenzene	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
1,2,4-Trichlorobenzene	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND
Hexachlorobutadiene	µg/m³	0.72	ND	0.77	ND	0.81	ND	0.84	ND	0.63	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
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VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-CS-06-021307		MRS-FA-06-021307		MRS-BA-07-021307		MRS-FA-07-021307		MRS-SS-07-021307	
	Sample Date	Feb-13-2007		Feb-13-2007		Feb-13-2007		Feb-13-2007		Feb-13-2007	
COMPOUND	**UNIT**										
Dichlorodifluoromethane (CFC 12)	µg/m³	2.4		2.4		2.5		2.5		2.5	
Chloromethane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.66		0.64	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
Vinyl Chloride	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
Bromomethane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
Chloroethane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
Ethanol	µg/m³	7.7	ND	1,200		22		48		6.6	
Acetone	µg/m³	7.7	ND	15		54		57		39	
Trichlorofluoromethane	µg/m³	1.2		1.4		5.2		9.0		4.6	
1,1-Dichloroethene	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	6.7	
Methylene chloride	µg/m³	0.77	ND	1.0	ND	0.82	ND	1.1		0.64	ND
Trichlorotrifluoroethane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
trans-1,2-Dichloroethene	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
1,1-Dichloroethane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
Methyl tert-Butyl Ether	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.82	
2-Butanone (MEK)	µg/m³	2.5		1.9		8.2		11		2.2	
cis-1,2-Dichloroethene	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
n-Hexane	µg/m³	0.77	ND	1.1		7.4		6.5		3.3	
Chloroform	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
1,2-Dichloroethane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
1,1,1-Trichloroethane	µg/m³	3.0		1.0	ND	2.5		2.2		1.8	
Benzene	µg/m³	0.77	ND	1.3		5.7		5.0		1.1	
Carbon Tetrachloride	µg/m³	0.40		0.31		0.37		0.45		0.37	
Cyclohexane	µg/m³	0.77	ND	1.0	ND	1.1		1.0		1.5	
1,2-Dichloropropane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
Bromodichloromethane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
Trichloroethene	µg/m³	0.15	ND	0.21	ND	0.16	ND	0.43		0.13	ND
1,4-Dioxane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.77	ND	1.0	ND	3.0		2.7		0.64	ND
cis-1,3-Dichloropropene	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
trans-1,3-Dichloropropene	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
1,1,2-Trichloroethane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
Toluene	µg/m³	2.0		5.8		16		19		3.8	
2-Hexanone	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
Dibromochloromethane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
1,2-Dibromoethane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
Tetrachloroethene	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.81	
Chlorobenzene	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.75		0.64	ND
Ethylbenzene	µg/m³	0.77	ND	1.0	ND	2.5		2.6		0.86	
m,p -Xylenes	µg/m³	0.77	ND	3.3		10		11		5.1	
Bromoform	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
Styrene	µg/m³	0.77	ND	1.0	ND	1.5		1.3		0.64	ND
o-Xylene	µg/m³	0.77	ND	1.1		3.6		3.7		1.7	
1,1,2,2-Tetrachloroethane	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
1,3,5-Trimethylbenzene	µg/m³	0.77	ND	1.0	ND	0.98		0.94		0.90	
1,2,4-Trimethylbenzene	µg/m³	0.77	ND	1.0	ND	3.2		3.1		2.3	
Benzyl Chloride	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
1,3-Dichlorobenzene	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
1,4-Dichlorobenzene	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
1,2-Dichlorobenzene	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
1,2,4-Trichlorobenzene	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND
Hexachlorobutadiene	µg/m³	0.77	ND	1.0	ND	0.82	ND	0.65	ND	0.64	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-FA-08-021407		MRS-BA-08-021407		MRS-SS-08-021407		MRS-OA-08-021407	
	Sample Date	Feb-14-2007		Feb-14-2007		Feb-14-2007		Feb-14-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.4		2.4		2.4		2.4	
Chloromethane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Vinyl Chloride	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Bromomethane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Chloroethane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Ethanol	µg/m³	220		58		6.2	ND	7.0	ND
Acetone	µg/m³	22		26		7.6		7.0	ND
Trichlorofluoromethane	µg/m³	1.2		1.2		1.2		1.2	
1,1-Dichloroethene	µg/m³	1.1		0.84		0.89		0.70	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Methylene chloride	µg/m³	3.1		4.6		0.62	ND	0.70	ND
Trichlorotrifluoroethane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
trans-1,2-Dichloroethene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
1,1-Dichloroethane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Methyl tert-Butyl Ether	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
2-Butanone (MEK)	µg/m³	11		20		2.0		0.89	
cis-1,2-Dichloroethene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
n-Hexane	µg/m³	0.86		0.95		1.9		0.70	ND
Chloroform	µg/m³	1.6		0.77	ND	0.62	ND	0.70	ND
1,2-Dichloroethane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
1,1,1-Trichloroethane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Benzene	µg/m³	1.0		1.1		0.62	ND	0.78	
Carbon Tetrachloride	µg/m³	0.43		0.38		0.42		0.44	
Cyclohexane	µg/m³	0.87		0.95		0.91		0.70	ND
1,2-Dichloropropane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Bromodichloromethane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Trichloroethene	µg/m³	0.33		0.18		0.82		0.14	ND
1,4-Dioxane	µg/m³	0.77	ND	1.4		0.95		0.70	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
cis-1,3-Dichloropropene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
trans-1,3-Dichloropropene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
1,1,2-Trichloroethane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Toluene	µg/m³	6.9		6.3		2.3		1.5	
2-Hexanone	µg/m³	0.77	ND	1.1		0.62	ND	0.70	ND
Dibromochloromethane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
1,2-Dibromoethane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Tetrachloroethene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Chlorobenzene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Ethylbenzene	µg/m³	0.77	ND	0.79		0.62	ND	0.70	ND
m,p -Xylenes	µg/m³	2.3		2.9		2.2		0.80	
Bromoform	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Styrene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
o-Xylene	µg/m³	0.77	ND	0.91		0.70		0.70	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
1,3,5-Trimethylbenzene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
1,2,4-Trimethylbenzene	µg/m³	0.87		0.80		1.1		0.70	ND
Benzyl Chloride	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
1,3-Dichlorobenzene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
1,4-Dichlorobenzene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
1,2-Dichlorobenzene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
1,2,4-Trichlorobenzene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND
Hexachlorobutadiene	µg/m³	0.77	ND	0.77	ND	0.62	ND	0.70	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-OA-09-021407		MRS-SS-09-021407		MRS-BA-09-021407		DUP-MRS-BA-09-021407		MRS-FA-09-021407		DUP-MRS-FA-09-021407	
	Sample Date	Feb-14-2007		Feb-14-2007		Feb-14-2007		Feb-14-2007		Feb-14-2007		Feb-14-2007	
COMPOUND	**UNIT**												
Dichlorodifluoromethane (CFC 12)	µg/m³	2.4		55		76		75		54		53	
Chloromethane	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Vinyl Chloride	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Bromomethane	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Chloroethane	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Ethanol	µg/m³	6.4	ND	24		370		360		690		670	
Acetone	µg/m³	8.2		15		56		44		41		44	
Trichlorofluoromethane	µg/m³	1.2		2.0		2.8		2.9		2.7		2.6	
1,1-Dichloroethene	µg/m³	0.64	ND	2.1		0.75	ND	0.85	ND	0.83	ND	0.81	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.64	ND	1.2		2.4	J	0.85	ND	0.83	ND	0.81	ND
Methylene chloride	µg/m³	0.64	ND	0.72	ND	3.4		3.7		2.5		2.7	
Trichlorotrifluoroethane	µg/m³	0.64	ND	0.78		0.75	ND	0.85	ND	0.83	ND	0.81	ND
trans-1,2-Dichloroethene	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
1,1-Dichloroethane	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Methyl tert-Butyl Ether	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
2-Butanone (MEK)	µg/m³	1.1		1.9		5.2	J	2.5	J	2.5		2.8	
cis-1,2-Dichloroethene	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
n-Hexane	µg/m³	0.64	ND	0.96		12		13		11		11	
Chloroform	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	1.0		0.97	
1,2-Dichloroethane	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
1,1,1-Trichloroethane	µg/m³	0.64	ND	260		0.75	ND	0.85	ND	0.83	ND	0.81	ND
Benzene	µg/m³	0.64	ND	0.72	ND	7.3		7.4		7.1		7.0	
Carbon Tetrachloride	µg/m³	0.43		0.30		0.44		0.43		0.45		0.39	
Cyclohexane	µg/m³	0.64	ND	0.72	ND	1.9		2.0		1.8		1.8	
1,2-Dichloropropane	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Bromodichloromethane	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Trichloroethene	µg/m³	0.13	ND	23		0.15	ND	0.31	J	0.21	J	0.16	ND
1,4-Dioxane	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.64	ND	0.72	ND	5.6		5.9		5.4		5.4	
cis-1,3-Dichloropropene	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
trans-1,3-Dichloropropene	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
1,1,2-Trichloroethane	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Toluene	µg/m³	0.70		2.9		35		37		35		35	
2-Hexanone	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Dibromochloromethane	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
1,2-Dibromoethane	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Tetrachloroethene	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Chlorobenzene	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Ethylbenzene	µg/m³	0.64	ND	0.72	ND	7.0		7.3		7.0		6.9	
m,p-Xylenes	µg/m³	0.64	ND	2.3		29		30		29		29	
Bromoform	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Styrene	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
o-Xylene	µg/m³	0.64	ND	0.77		10		11		10		10	
1,1,2,2-Tetrachloroethane	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
1,3,5-Trimethylbenzene	µg/m³	0.64	ND	0.72	ND	2.8		2.8		2.9		2.8	
1,2,4-Trimethylbenzene	µg/m³	0.64	ND	0.87		9.4		9.5		9.7		9.4	
Benzyl Chloride	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
1,3-Dichlorobenzene	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
1,4-Dichlorobenzene	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
1,2-Dichlorobenzene	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
1,2,4-Trichlorobenzene	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND
Hexachlorobutadiene	µg/m³	0.64	ND	0.72	ND	0.75	ND	0.85	ND	0.83	ND	0.81	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-OA-10-021507		MRS-FA-10-021507		MRS-SS-10-021507		MRS-BA-10-021507	
	Sample Date	Feb-15-2007		Feb-15-2007		Feb-15-2007		Feb-15-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.4		3.7		2.8		2.7	
Chloromethane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Vinyl Chloride	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Bromomethane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Chloroethane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Ethanol	µg/m³	11	ND	510		7.4	ND	160	
Acetone	µg/m³	11	ND	81		15		96	
Trichlorofluoromethane	µg/m³	1.1		1.2		1.3		1.2	
1,1-Dichloroethene	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Methylene chloride	µg/m³	1.1	ND	22		0.74	ND	50	
Trichlorotrifluoroethane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
trans-1,2-Dichloroethene	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
1,1-Dichloroethane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Methyl tert-Butyl Ether	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
2-Butanone (MEK)	µg/m³	1.2		4.9		1.8		5.4	
cis-1,2-Dichloroethene	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
n-Hexane	µg/m³	1.1	ND	5.9		4.0		11	
Chloroform	µg/m³	1.1	ND	0.96	ND	45		0.83	ND
1,2-Dichloroethane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
1,1,1-Trichloroethane	µg/m³	1.1	ND	0.96	ND	1.9		0.83	ND
Benzene	µg/m³	1.1	ND	6.3		0.90		3.1	
Carbon Tetrachloride	µg/m³	0.42		0.41		0.15	ND	0.37	
Cyclohexane	µg/m³	1.1	ND	0.96	ND	1.3		1.2	
1,2-Dichloropropane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Bromodichloromethane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Trichloroethene	µg/m³	0.21	ND	0.37		0.15	ND	0.95	
1,4-Dioxane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	1.1	ND	2.4		0.74	ND	1.4	
cis-1,3-Dichloropropene	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
trans-1,3-Dichloropropene	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
1,1,2-Trichloroethane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Toluene	µg/m³	1.4		23		5.5		25	
2-Hexanone	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Dibromochloromethane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
1,2-Dibromoethane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Tetrachloroethene	µg/m³	1.1	ND	0.96	ND	3.2		1.3	
Chlorobenzene	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Ethylbenzene	µg/m³	1.1	ND	3.1		0.78		2.9	
m,p -Xylenes	µg/m³	1.1		13		6.9		12	
Bromoform	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Styrene	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
o-Xylene	µg/m³	1.1	ND	4.6		1.9		4.0	
1,1,2,2-Tetrachloroethane	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
1,3,5-Trimethylbenzene	µg/m³	1.1	ND	2.7		1.6		2.4	
1,2,4-Trimethylbenzene	µg/m³	1.1	ND	7.6		3.8		6.5	
Benzyl Chloride	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
1,3-Dichlorobenzene	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
1,4-Dichlorobenzene	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
1,2-Dichlorobenzene	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
1,2,4-Trichlorobenzene	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND
Hexachlorobutadiene	µg/m³	1.1	ND	0.96	ND	0.74	ND	0.83	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-BA-11-021507		MRS-SS-11-021507		MRS-FA-11-021507		MRS-OA-11-021507	
	Sample Date	Feb-15-2007		Feb-15-2007		Feb-15-2007		Feb-15-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.4		2.7		2.4		2.4	
Chloromethane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.69	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Vinyl Chloride	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Bromomethane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Chloroethane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Ethanol	µg/m³	620		7.1	ND	1,000		6.1	ND
Acetone	µg/m³	18		7.1	ND	13		6.1	ND
Trichlorofluoromethane	µg/m³	1.6		1.2		1.5		1.2	
1,1-Dichloroethene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Methylene chloride	µg/m³	1.4		0.71	ND	0.93		0.61	ND
Trichlorotrifluoroethane	µg/m³	3.9		1.0		1.9		0.61	ND
trans-1,2-Dichloroethene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
1,1-Dichloroethane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Methyl tert-Butyl Ether	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
2-Butanone (MEK)	µg/m³	3.6		0.75		2.0		0.61	
cis-1,2-Dichloroethene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
n-Hexane	µg/m³	2.5		2.3		2.4		0.61	ND
Chloroform	µg/m³	1.4		0.71	ND	2.8		0.61	ND
1,2-Dichloroethane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
1,1,1-Trichloroethane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Benzene	µg/m³	1.7		0.71	ND	1.9		0.61	ND
Carbon Tetrachloride	µg/m³	0.50		0.16		0.54		0.45	
Cyclohexane	µg/m³	0.84	ND	0.98		0.85	ND	0.61	ND
1,2-Dichloropropane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Bromodichloromethane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Trichloroethene	µg/m³	0.17	ND	0.14	ND	0.17	ND	0.12	ND
1,4-Dioxane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	2.7		0.71	ND	1.8		0.61	ND
cis-1,3-Dichloropropene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
trans-1,3-Dichloropropene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
1,1,2-Trichloroethane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Toluene	µg/m³	13		4.0		15		1.1	
2-Hexanone	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Dibromochloromethane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
1,2-Dibromoethane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Tetrachloroethene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Chlorobenzene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Ethylbenzene	µg/m³	3.3		0.71	ND	3.3		0.61	ND
m,p -Xylenes	µg/m³	16		3.3		16		0.61	ND
Bromoform	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Styrene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
o-Xylene	µg/m³	6.3		0.98		6.2		0.61	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
1,3,5-Trimethylbenzene	µg/m³	1.9		0.71	ND	1.8		0.61	ND
1,2,4-Trimethylbenzene	µg/m³	6.2		1.2		5.7		0.61	ND
Benzyl Chloride	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
1,3-Dichlorobenzene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
1,4-Dichlorobenzene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
1,2-Dichlorobenzene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
1,2,4-Trichlorobenzene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND
Hexachlorobutadiene	µg/m³	0.84	ND	0.71	ND	0.85	ND	0.61	ND

Notes:
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U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Sample ID Sample Date		MRS-SS-12-021507 Feb-15-2007		MRS-FA-12-021507 Feb-15-2007		MRS-BA-12-021507 Feb-15-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	28	ND	2.4		2.4	
Chloromethane	µg/m³	28	ND	0.90	ND	0.75	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	28	ND	0.90	ND	0.75	ND
Vinyl Chloride	µg/m³	28	ND	0.90	ND	0.75	ND
Bromomethane	µg/m³	28	ND	0.90	ND	0.75	ND
Chloroethane	µg/m³	28	ND	0.90	ND	0.75	ND
Ethanol	µg/m³	280	ND	560		270	
Acetone	µg/m³	280	ND	20		15	
Trichlorofluoromethane	µg/m³	28	ND	1.4		1.4	
1,1-Dichloroethene	µg/m³	1,100		8.8		8.2	
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	28	ND	0.90	ND	0.75	ND
Methylene chloride	µg/m³	28	ND	4.0		3.6	
Trichlorotrifluoroethane	µg/m³	28		0.90	ND	0.81	
trans-1,2-Dichloroethene	µg/m³	28	ND	0.90	ND	0.75	ND
1,1-Dichloroethane	µg/m³	28	ND	0.90	ND	0.75	ND
Methyl tert-Butyl Ether	µg/m³	28	ND	0.90	ND	0.75	ND
2-Butanone (MEK)	µg/m³	28	ND	4.6		5.2	
cis-1,2-Dichloroethene	µg/m³	28	ND	0.90	ND	0.75	ND
n-Hexane	µg/m³	28	ND	2.6		2.0	
Chloroform	µg/m³	28	ND	0.90	ND	0.75	ND
1,2-Dichloroethane	µg/m³	28	ND	0.90	ND	0.75	ND
1,1,1-Trichloroethane	µg/m³	5,900		41		43	
Benzene	µg/m³	28	ND	3.4		2.2	
Carbon Tetrachloride	µg/m³	5.6	ND	0.48		0.45	
Cyclohexane	µg/m³	28	ND	0.90	ND	0.75	ND
1,2-Dichloropropane	µg/m³	28	ND	0.90	ND	0.75	ND
Bromodichloromethane	µg/m³	28.00	ND	0.90	ND	0.75	ND
Trichloroethene	µg/m³	690		5.8		6.0	
1,4-Dioxane	µg/m³	28	ND	0.90	ND	0.75	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	28	ND	1.1		0.82	
cis-1,3-Dichloropropene	µg/m³	28	ND	0.90	ND	0.75	ND
trans-1,3-Dichloropropene	µg/m³	28	ND	0.90	ND	0.75	ND
1,1,2-Trichloroethane	µg/m³	28	ND	0.90	ND	0.75	ND
Toluene	µg/m³	28	ND	9.3		7.0	
2-Hexanone	µg/m³	28	ND	0.90	ND	0.75	ND
Dibromochloromethane	µg/m³	28	ND	0.90	ND	0.75	ND
1,2-Dibromoethane	µg/m³	28	ND	0.90	ND	0.75	ND
Tetrachloroethene	µg/m³	28	ND	0.90	ND	0.75	ND
Chlorobenzene	µg/m³	28	ND	0.90	ND	0.75	ND
Ethylbenzene	µg/m³	28	ND	2.4		1.4	
m,p-Xylenes	µg/m³	28	ND	9.5		5.8	
Bromoform	µg/m³	28	ND	0.90	ND	0.75	ND
Styrene	µg/m³	28	ND	0.90	ND	0.75	ND
o-Xylene	µg/m³	28	ND	2.8		1.8	
1,1,2,2-Tetrachloroethane	µg/m³	28	ND	0.90	ND	0.75	ND
1,3,5-Trimethylbenzene	µg/m³	28	ND	0.90	ND	0.75	ND
1,2,4-Trimethylbenzene	µg/m³	28	ND	1.4		1.0	
Benzyl Chloride	µg/m³	28	ND	0.90	ND	0.75	ND
1,3-Dichlorobenzene	µg/m³	28	ND	0.90	ND	0.75	ND
1,4-Dichlorobenzene	µg/m³	28	ND	0.90	ND	0.75	ND
1,2-Dichlorobenzene	µg/m³	28	ND	0.90	ND	0.75	ND
1,2,4-Trichlorobenzene	µg/m³	28	ND	0.90	ND	0.75	ND
Hexachlorobutadiene	µg/m³	28	ND	0.90	ND	0.75	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Sample ID Sample Date		MRS-SS-12-032107 Mar-21-2007		Dup-MRS-SS-12-032107 Mar-21-2007		MRS-BA-12-032107 Mar-21-2007		MRS-FA-12-032107 Mar-21-2007		MRS-OA-12-032107 Mar-21-2007	
COMPOUND	**UNIT**										
Dichlorodifluoromethane (CFC 12)	µg/m³	8.7	ND	10	ND	2.2		2.1		2.1	
Chloromethane	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Vinyl Chloride	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Bromomethane	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Chloroethane	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Ethanol	µg/m³	87	ND	100	ND	260		1,000		32	
Acetone	µg/m³	87	ND	100	ND	22	J	48	J	40	J
Trichlorofluoromethane	µg/m³	13		13		1.5		1.3		1.1	
1,1-Dichloroethene	µg/m³	920		910		14		9.0		0.70	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Methylene chloride	µg/m³	8.7	ND	10	ND	5.7		4.7		0.70	ND
Trichlorotrifluoroethane	µg/m³	19		19		0.86		0.89	ND	0.70	ND
trans-1,2-Dichloroethene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
1,1-Dichloroethane	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Methyl tert-Butyl Ether	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
2-Butanone (MEK)	µg/m³	8.7	ND	10	ND	10		10		9.5	
cis-1,2-Dichloroethene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
n-Hexane	µg/m³	23		24		3.2		6.8		0.70	ND
Chloroform	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
1,2-Dichloroethane	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
1,1,1-Trichloroethane	µg/m³	4,300		4,400		74		52		0.70	ND
Benzene	µg/m³	8.7	ND	10	ND	4.0		12		0.70	ND
Carbon Tetrachloride	µg/m³	1.7	ND	2.0	ND	0.44		0.50		0.42	
Cyclohexane	µg/m³	10		10	ND	0.73	ND	1.1		0.70	ND
1,2-Dichloropropane	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Bromodichloromethane	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Trichloroethene	µg/m³	810		760		12		7.7		0.14	ND
1,4-Dioxane	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	8.7	ND	10	ND	1.3		3.3		0.70	ND
cis-1,3-Dichloropropene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
trans-1,3-Dichloropropene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
1,1,2-Trichloroethane	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Toluene	µg/m³	17	J	28	J	9.5		20		1.0	
2-Hexanone	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	1.7	
Dibromochloromethane	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
1,2-Dibromoethane	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Tetrachloroethene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Chlorobenzene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Ethylbenzene	µg/m³	8.7	ND	10	ND	1.7		4.2		0.70	ND
m,p-Xylenes	µg/m³	19	J	40	J	7.1		17		0.70	ND
Bromoform	µg/m³	8.7	JND	10	JND	0.73	JND	0.89	JND	0.70	JND
Styrene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
o-Xylene	µg/m³	8.7	ND	10	ND	2.1		5.2		0.70	ND
1,1,2,2-Tetrachloroethane	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
1,3,5-Trimethylbenzene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
1,2,4-Trimethylbenzene	µg/m³	8.7	JND	14	J	1.4		3.2		0.70	ND
Benzyl Chloride	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
1,3-Dichlorobenzene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
1,4-Dichlorobenzene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
1,2-Dichlorobenzene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
1,2,4-Trichlorobenzene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND
Hexachlorobutadiene	µg/m³	8.7	ND	10	ND	0.73	ND	0.89	ND	0.70	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-OA-13-021607		MRS-SS-13-021607		MRS-BA-13-021607		MRS-FA-13-021607	
	Sample Date	Feb-16-2007		Feb-16-2007		Feb-16-2007		Feb-16-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.4		2.8		2.3		2.3	
Chloromethane	µg/m³	0.70		0.72	ND	0.82	ND	1.5	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Vinyl Chloride	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Bromomethane	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Chloroethane	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Ethanol	µg/m³	6.2	ND	25		530		990	
Acetone	µg/m³	6.2	ND	49		57		36	
Trichlorofluoromethane	µg/m³	1.2		6.5		8.0		10	
1,1-Dichloroethene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.62	ND	0.72	ND	2.6		1.5	ND
Methylene chloride	µg/m³	0.62	ND	0.72	ND	1.8		1.5	ND
Trichlorotrifluoroethane	µg/m³	0.62	ND	2.0		0.82	ND	1.5	ND
trans-1,2-Dichloroethene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
1,1-Dichloroethane	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Methyl tert-Butyl Ether	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
2-Butanone (MEK)	µg/m³	0.62	ND	2.2		7.1		2.4	
cis-1,2-Dichloroethene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
n-Hexane	µg/m³	0.62	ND	9.0		6.0		5.2	
Chloroform	µg/m³	0.62	ND	2.7		2.0		2.9	
1,2-Dichloroethane	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
1,1,1-Trichloroethane	µg/m³	0.62	ND	23		0.82	ND	1.5	ND
Benzene	µg/m³	0.62	ND	2.1		2.6		2.5	
Carbon Tetrachloride	µg/m³	0.41		0.35		0.43		0.42	
Cyclohexane	µg/m³	0.62	ND	3.4		0.92		1.5	ND
1,2-Dichloropropane	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Bromodichloromethane	µg/m³	0.62	ND	0.72	ND	0.84		1.5	ND
Trichloroethene	µg/m³	0.12	ND	0.14	ND	0.16	ND	0.31	ND
1,4-Dioxane	µg/m³	0.62	ND	0.90		0.82	ND	1.5	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.62	ND	0.72	ND	3.4		2.8	
cis-1,3-Dichloropropene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
trans-1,3-Dichloropropene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
1,1,2-Trichloroethane	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Toluene	µg/m³	1.3		7.7		59		39	
2-Hexanone	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Dibromochloromethane	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
1,2-Dibromoethane	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Tetrachloroethene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Chlorobenzene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Ethylbenzene	µg/m³	0.62	ND	1.0		1.9		2.0	
m,p -Xylenes	µg/m³	0.66		8.7		7.8		8.1	
Bromoform	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Styrene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
o-Xylene	µg/m³	0.62	ND	2.4		2.6		2.7	
1,1,2,2-Tetrachloroethane	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
1,3,5-Trimethylbenzene	µg/m³	0.62	ND	1.6		0.82	ND	1.5	ND
1,2,4-Trimethylbenzene	µg/m³	0.62	ND	2.9		1.9		2.0	
Benzyl Chloride	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
1,3-Dichlorobenzene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
1,4-Dichlorobenzene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
1,2-Dichlorobenzene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
1,2,4-Trichlorobenzene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND
Hexachlorobutadiene	µg/m³	0.62	ND	0.72	ND	0.82	ND	1.5	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-OA-14-021907		MRS-SS-14-021907		MRS-FA-14-021907		MRS-BA-14-021907	
	Sample Date	Feb-19-2007		Feb-19-2007		Feb-19-2007		Feb-19-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.4		66		120		8.4	
Chloromethane	µg/m³	0.73		3.5	ND	2.8		0.77	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Vinyl Chloride	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Bromomethane	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Chloroethane	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Ethanol	µg/m³	6.4	ND	35	ND	940		34	
Acetone	µg/m³	7.0		35	ND	100		7.9	
Trichlorofluoromethane	µg/m³	1.2		120		47		3.0	
1,1-Dichloroethene	µg/m³	0.64	ND	80		0.85	ND	0.71	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.64	ND	3.5	ND	3.0	NJ	0.71	ND
Methylene chloride	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Trichlorotrifluoroethane	µg/m³	0.64	ND	4.8		0.85	ND	0.71	ND
trans-1,2-Dichloroethene	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
1,1-Dichloroethane	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Methyl tert-Butyl Ether	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
2-Butanone (MEK)	µg/m³	1.6		3.5	ND	21		0.86	
cis-1,2-Dichloroethene	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
n-Hexane	µg/m³	0.64	ND	33		1.4		1.0	
Chloroform	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
1,2-Dichloroethane	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
1,1,1-Trichloroethane	µg/m³	0.64	ND	490		0.85	ND	0.71	ND
Benzene	µg/m³	0.83		7.7		2.6		0.71	ND
Carbon Tetrachloride	µg/m³	0.44		0.70	ND	0.39		0.40	
Cyclohexane	µg/m³	0.64	ND	13		0.85	ND	0.71	ND
1,2-Dichloropropane	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Bromodichloromethane	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Trichloroethene	µg/m³	0.13	ND	0.70	ND	6.5		0.35	
1,4-Dioxane	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.64	ND	3.5	ND	1.0		0.71	ND
cis-1,3-Dichloropropene	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
trans-1,3-Dichloropropene	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
1,1,2-Trichloroethane	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Toluene	µg/m³	1.8		25		16		2.4	
2-Hexanone	µg/m³	0.64	ND	3.5	ND	10		0.71	ND
Dibromochloromethane	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
1,2-Dibromoethane	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Tetrachloroethene	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Chlorobenzene	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Ethylbenzene	µg/m³	0.64	ND	3.5	ND	1.4		0.71	ND
m,p -Xylenes	µg/m³	1.1		35		4.8		0.92	
Bromoform	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Styrene	µg/m³	0.64	ND	3.5	ND	1.2		0.71	ND
o-Xylene	µg/m³	0.64	ND	8.2		1.4		0.71	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
1,3,5-Trimethylbenzene	µg/m³	0.64	ND	6.0		0.85	ND	0.71	ND
1,2,4-Trimethylbenzene	µg/m³	0.64	ND	12		1.4		0.71	ND
Benzyl Chloride	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
1,3-Dichlorobenzene	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
1,4-Dichlorobenzene	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
1,2-Dichlorobenzene	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
1,2,4-Trichlorobenzene	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND
Hexachlorobutadiene	µg/m³	0.64	ND	3.5	ND	0.85	ND	0.71	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-OA-15-021907		MRS-BA-15-021907		MRS-SS-15-021907		DUP-MRS-SS-15-021907		MRS-FA-15-021907	
	Sample Date	Feb-19-2007		Feb-19-2007		Feb-19-2007		Feb-19-2007		Feb-19-2007	
COMPOUND	**UNIT**										
Dichlorodifluoromethane (CFC 12)	µg/m³	2.3		2.5		3.1	ND	3.6	ND	2.5	
Chloromethane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.79	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Vinyl Chloride	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Bromomethane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Chloroethane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Ethanol	µg/m³	6.3	ND	240		31	ND	36	ND	620	
Acetone	µg/m³	8.6		17		31	ND	36	ND	17	
Trichlorofluoromethane	µg/m³	1.1		1.7		3.1	ND	3.6	ND	1.9	
1,1-Dichloroethene	µg/m³	0.63	ND	1.6		120		140		1.6	
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Methylene chloride	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Trichlorotrifluoroethane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
trans-1,2-Dichloroethene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
1,1-Dichloroethane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Methyl tert-Butyl Ether	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
2-Butanone (MEK)	µg/m³	1.4		1.7		3.8	J	3.6	ND	1.7	
cis-1,2-Dichloroethene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
n-Hexane	µg/m³	0.63	ND	1.7		3.1	ND	3.6	ND	2.1	
Chloroform	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.84	
1,2-Dichloroethane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
1,1,1-Trichloroethane	µg/m³	0.63	ND	12		770		840		12	
Benzene	µg/m³	0.63	ND	1.1		3.1	ND	3.6	ND	1.3	
Carbon Tetrachloride	µg/m³	0.41		0.42		0.62	ND	0.73	ND	0.41	
Cyclohexane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
1,2-Dichloropropane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Bromodichloromethane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Trichloroethene	µg/m³	0.13	ND	0.16	ND	1.3	J	0.73	ND	0.15	ND
1,4-Dioxane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.98	
cis-1,3-Dichloropropene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
trans-1,3-Dichloropropene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
1,1,2-Trichloroethane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Toluene	µg/m³	1.9		4.2		3.1	ND	3.6	ND	5.7	
2-Hexanone	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Dibromochloromethane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
1,2-Dibromoethane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Tetrachloroethene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Chlorobenzene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Ethylbenzene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.80	
m,p -Xylenes	µg/m³	1.5		2.4		5.4		4.6		3.6	
Bromoform	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Styrene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
o-Xylene	µg/m³	0.71		0.85		3.1	ND	3.6	ND	1.2	
1,1,2,2-Tetrachloroethane	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
1,3,5-Trimethylbenzene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
1,2,4-Trimethylbenzene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.93	
Benzyl Chloride	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
1,3-Dichlorobenzene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
1,4-Dichlorobenzene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
1,2-Dichlorobenzene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
1,2,4-Trichlorobenzene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND
Hexachlorobutadiene	µg/m³	0.63	ND	0.79	ND	3.1	ND	3.6	ND	0.77	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-OA-16-022007		MRS-FA-16-022007		MRS-BA-16-022007		MRS-SS-16-022007	
	Sample Date	Feb-20-2007		Feb-20-2007		Feb-20-2007		Feb-20-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.3		2.3		2.4		2.4	
Chloromethane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Vinyl Chloride	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Bromomethane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Chloroethane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Ethanol	µg/m³	8.0	ND	290		100		7.4	ND
Acetone	µg/m³	9.1		34		31		8.5	
Trichlorofluoromethane	µg/m³	1.2		2.2		1.6	ND	1.7	
1,1-Dichloroethene	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Methylene chloride	µg/m³	0.80	ND	1.0		1.6		0.74	ND
Trichlorotrifluoroethane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
trans-1,2-Dichloroethene	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
1,1-Dichloroethane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Methyl tert-Butyl Ether	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
2-Butanone (MEK)	µg/m³	1.4		6.5		5.9		2.1	
cis-1,2-Dichloroethene	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
n-Hexane	µg/m³	0.80	ND	7.7		6.7		0.74	ND
Chloroform	µg/m³	0.80	ND	2.1		1.8		0.74	ND
1,2-Dichloroethane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
1,1,1-Trichloroethane	µg/m³	0.80	ND	1.6		3.0		16	
Benzene	µg/m³	0.80	ND	7.2		5.8		0.74	ND
Carbon Tetrachloride	µg/m³	0.52		0.58		0.54		0.54	
Cyclohexane	µg/m³	0.80	ND	1.5		1.6	ND	0.74	ND
1,2-Dichloropropane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Bromodichloromethane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Trichloroethene	µg/m³	0.16	ND	0.17		0.33	ND	0.57	
1,4-Dioxane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.80	ND	2.0		1.7		0.74	ND
cis-1,3-Dichloropropene	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
trans-1,3-Dichloropropene	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
1,1,2-Trichloroethane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Toluene	µg/m³	6.2		44		38		35	
2-Hexanone	µg/m³	0.80	ND	1.1		1.6	ND	0.74	ND
Dibromochloromethane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
1,2-Dibromoethane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Tetrachloroethene	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Chlorobenzene	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Ethylbenzene	µg/m³	0.80	ND	5.3		4.5		7.0	
m,p -Xylenes	µg/m³	1.2		21		19		14	
Bromoform	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Styrene	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
o-Xylene	µg/m³	0.80	ND	8.3		10		5.4	
1,1,2,2-Tetrachloroethane	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
1,3,5-Trimethylbenzene	µg/m³	0.80	ND	7.3		23		0.74	ND
1,2,4-Trimethylbenzene	µg/m³	0.80	ND	22		70		0.74	ND
Benzyl Chloride	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
1,3-Dichlorobenzene	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
1,4-Dichlorobenzene	µg/m³	0.80	ND	0.89		1.6	ND	0.74	ND
1,2-Dichlorobenzene	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
1,2,4-Trichlorobenzene	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND
Hexachlorobutadiene	µg/m³	0.80	ND	0.79	ND	1.6	ND	0.74	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-17-022007		MRS-BA-17-022007		MRS-FA-17-022007		MRS-OA-17-022007	
	Sample Date	Feb-20-2007		Feb-20-2007		Feb-20-2007		Feb-20-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.8		2.3		2.2		2.3	
Chloromethane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Vinyl Chloride	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Bromomethane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Chloroethane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Ethanol	µg/m³	6.2	ND	410		490		7.5	ND
Acetone	µg/m³	7.1		27		24		7.5	ND
Trichlorofluoromethane	µg/m³	1.2		1.4		1.5		1.2	
1,1-Dichloroethene	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.62	ND	0.89		0.77	ND	0.75	ND
Methylene chloride	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Trichlorotrifluoroethane	µg/m³	0.63		0.75	ND	0.77	ND	0.75	ND
trans-1,2-Dichloroethene	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
1,1-Dichloroethane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Methyl tert-Butyl Ether	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
2-Butanone (MEK)	µg/m³	1.7		4.0		3.8		0.75	ND
cis-1,2-Dichloroethene	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
n-Hexane	µg/m³	1.0		1.6		1.9		0.75	ND
Chloroform	µg/m³	2.0		2.5		2.9		0.75	ND
1,2-Dichloroethane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
1,1,1-Trichloroethane	µg/m³	3.5		0.75	ND	0.77	ND	0.75	ND
Benzene	µg/m³	0.62	ND	2.5		3.4		0.75	ND
Carbon Tetrachloride	µg/m³	0.24		0.65		0.65		0.52	
Cyclohexane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
1,2-Dichloropropane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Bromodichloromethane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Trichloroethene	µg/m³	0.40		0.15	ND	0.15	ND	0.15	ND
1,4-Dioxane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
cis-1,3-Dichloropropene	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
trans-1,3-Dichloropropene	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
1,1,2-Trichloroethane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Toluene	µg/m³	2.3		11		14		0.75	ND
2-Hexanone	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Dibromochloromethane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
1,2-Dibromoethane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Tetrachloroethene	µg/m³	5.9		0.75	ND	0.77	ND	0.75	ND
Chlorobenzene	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Ethylbenzene	µg/m³	0.62	ND	1.5		1.9		0.75	ND
m,p -Xylenes	µg/m³	1.3		6.4		8.1		0.75	ND
Bromoform	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Styrene	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
o-Xylene	µg/m³	0.62	ND	2.1		2.7		0.75	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
1,3,5-Trimethylbenzene	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
1,2,4-Trimethylbenzene	µg/m³	0.62	ND	1.4		2.0		0.75	ND
Benzyl Chloride	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
1,3-Dichlorobenzene	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
1,4-Dichlorobenzene	µg/m³	0.62	ND	1.9		3.1		0.75	ND
1,2-Dichlorobenzene	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
1,2,4-Trichlorobenzene	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND
Hexachlorobutadiene	µg/m³	0.62	ND	0.75	ND	0.77	ND	0.75	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-FA-18-022007		MRS-SS-18-022007		MRS-BA-18-022007	
	Sample Date	Feb-20-2007		Feb-20-2007		Feb-20-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	2.2		2.3		2.3	
Chloromethane	µg/m³	0.72	ND	0.72	ND	0.72	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.72	ND	0.72	ND	0.72	ND
Vinyl Chloride	µg/m³	0.72	ND	0.72	ND	0.72	ND
Bromomethane	µg/m³	0.72	ND	0.72	ND	0.72	ND
Chloroethane	µg/m³	0.72	ND	0.72	ND	0.72	ND
Ethanol	µg/m³	160		7.2	ND	42	
Acetone	µg/m³	22		19		14	
Trichlorofluoromethane	µg/m³	2.2		1.5		2.5	
1,1-Dichloroethene	µg/m³	0.72	ND	14		0.72	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	1.1		0.72	ND	0.72	ND
Methylene chloride	µg/m³	2.3		1.1		3.7	
Trichlorotrifluoroethane	µg/m³	2.3		0.99		1.2	
trans-1,2-Dichloroethene	µg/m³	0.72	ND	0.72	ND	0.72	ND
1,1-Dichloroethane	µg/m³	0.72	ND	0.72	ND	0.72	ND
Methyl tert-Butyl Ether	µg/m³	27		3.6		21	
2-Butanone (MEK)	µg/m³	3.8		3.7		5.2	
cis-1,2-Dichloroethene	µg/m³	0.72	ND	0.72	ND	0.72	ND
n-Hexane	µg/m³	6.2		3.4		4.8	
Chloroform	µg/m³	1.3		200		1.4	
1,2-Dichloroethane	µg/m³	0.72	ND	0.72	ND	0.72	ND
1,1,1-Trichloroethane	µg/m³	1.4		170		2.3	
Benzene	µg/m³	4.8		0.88		3.5	
Carbon Tetrachloride	µg/m³	0.50		0.34		0.48	
Cyclohexane	µg/m³	0.98		1.7		0.81	
1,2-Dichloropropane	µg/m³	0.72	ND	0.72	ND	0.72	ND
Bromodichloromethane	µg/m³	0.72	ND	3.3		0.72	ND
Trichloroethene	µg/m³	0.14	ND	0.24		0.21	
1,4-Dioxane	µg/m³	0.72	ND	0.72	ND	0.72	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	12		0.72	ND	8.7	
cis-1,3-Dichloropropene	µg/m³	0.72	ND	0.72	ND	0.72	ND
trans-1,3-Dichloropropene	µg/m³	0.72	ND	0.72	ND	0.72	ND
1,1,2-Trichloroethane	µg/m³	0.72	ND	0.72	ND	0.72	ND
Toluene	µg/m³	58		27		40	
2-Hexanone	µg/m³	0.72	ND	0.72	ND	0.72	ND
Dibromochloromethane	µg/m³	0.72	ND	0.72	ND	0.72	ND
1,2-Dibromoethane	µg/m³	0.72	ND	0.72	ND	0.72	ND
Tetrachloroethene	µg/m³	0.72	ND	0.72	ND	4.7	
Chlorobenzene	µg/m³	0.72	ND	0.72	ND	0.72	ND
Ethylbenzene	µg/m³	7.3		7.2		5.9	
m,p-Xylenes	µg/m³	28		17		26	
Bromoform	µg/m³	0.72	ND	0.72	ND	0.72	ND
Styrene	µg/m³	0.72	ND	0.72	ND	0.72	ND
o-Xylene	µg/m³	9.3		6.3		8.4	
1,1,2,2-Tetrachloroethane	µg/m³	0.72	ND	0.72	ND	0.72	ND
1,3,5-Trimethylbenzene	µg/m³	2.3		1.1		3.0	
1,2,4-Trimethylbenzene	µg/m³	7.7		2.3		9.0	
Benzyl Chloride	µg/m³	0.72	ND	0.72	ND	0.72	ND
1,3-Dichlorobenzene	µg/m³	0.72	ND	0.72	ND	0.72	ND
1,4-Dichlorobenzene	µg/m³	0.72	ND	0.72	ND	0.72	ND
1,2-Dichlorobenzene	µg/m³	0.72	ND	0.72	ND	0.72	ND
1,2,4-Trichlorobenzene	µg/m³	0.72	ND	0.72	ND	0.72	ND
Hexachlorobutadiene	µg/m³	0.72	ND	0.72	ND	0.72	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-FA-19-022007		MRS-BA-19-022007		MRS-SS-19-022007	
	Sample Date	Feb-20-2007		Feb-20-2007		Feb-20-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	2.2		2.2		2.1	
Chloromethane	µg/m³	0.82	ND	0.79	ND	0.62	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.82	ND	0.79	ND	0.62	ND
Vinyl Chloride	µg/m³	0.82	ND	0.79	ND	0.62	ND
Bromomethane	µg/m³	0.82	ND	0.79	ND	0.62	ND
Chloroethane	µg/m³	0.82	ND	0.79	ND	0.62	ND
Ethanol	µg/m³	240		100		7.3	
Acetone	µg/m³	21		13		19	
Trichlorofluoromethane	µg/m³	1.5		1.6		1.2	
1,1-Dichloroethene	µg/m³	0.82	ND	0.79	ND	0.62	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.82	ND	0.79	ND	0.62	ND
Methylene chloride	µg/m³	0.82	ND	0.79	ND	0.62	ND
Trichlorotrifluoroethane	µg/m³	0.82	ND	0.79	ND	0.62	ND
trans-1,2-Dichloroethene	µg/m³	0.82	ND	0.79	ND	0.62	ND
1,1-Dichloroethane	µg/m³	0.82	ND	0.79	ND	0.62	ND
Methyl tert-Butyl Ether	µg/m³	0.82	ND	0.79	ND	0.62	ND
2-Butanone (MEK)	µg/m³	12		15		1.8	
cis-1,2-Dichloroethene	µg/m³	0.82	ND	0.79	ND	0.62	ND
n-Hexane	µg/m³	20		28		7.8	
Chloroform	µg/m³	1.4		0.79	ND	0.62	ND
1,2-Dichloroethane	µg/m³	0.82	ND	0.79	ND	0.62	ND
1,1,1-Trichloroethane	µg/m³	0.82	ND	0.79	ND	0.62	ND
Benzene	µg/m³	7.5		9.8		2.7	
Carbon Tetrachloride	µg/m³	0.66		0.59		0.38	
Cyclohexane	µg/m³	2.6		3.4		4.0	
1,2-Dichloropropane	µg/m³	0.82	ND	0.79	ND	0.62	ND
Bromodichloromethane	µg/m³	0.82	ND	0.79	ND	0.62	ND
Trichloroethene	µg/m³	0.16	ND	0.16	ND	0.50	
1,4-Dioxane	µg/m³	0.82	ND	0.79	ND	0.62	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	4.5		5.7		0.62	ND
cis-1,3-Dichloropropene	µg/m³	0.82	ND	0.79	ND	0.62	ND
trans-1,3-Dichloropropene	µg/m³	0.82	ND	0.79	ND	0.62	ND
1,1,2-Trichloroethane	µg/m³	0.82	ND	0.79	ND	0.62	ND
Toluene	µg/m³	52		63		23	
2-Hexanone	µg/m³	0.82	ND	0.79	ND	0.62	ND
Dibromochloromethane	µg/m³	0.82	ND	0.79	ND	0.62	ND
1,2-Dibromoethane	µg/m³	0.82	ND	0.79	ND	0.62	ND
Tetrachloroethene	µg/m³	0.94		1.2		1.9	
Chlorobenzene	µg/m³	0.82	ND	0.79	ND	0.62	ND
Ethylbenzene	µg/m³	6.4		7.6		7.3	
m,p-Xylenes	µg/m³	27		34		26	
Bromoform	µg/m³	0.82	ND	0.79	ND	0.62	ND
Styrene	µg/m³	2.0		1.1		0.62	ND
o-Xylene	µg/m³	9.2		11		9.3	
1,1,2,2-Tetrachloroethane	µg/m³	0.82	ND	0.79	ND	0.62	ND
1,3,5-Trimethylbenzene	µg/m³	2.6		3.3		3.5	
1,2,4-Trimethylbenzene	µg/m³	8.6		11		8.0	
Benzyl Chloride	µg/m³	0.82	ND	0.79	ND	0.62	ND
1,3-Dichlorobenzene	µg/m³	0.82	ND	0.79	ND	0.62	ND
1,4-Dichlorobenzene	µg/m³	0.82	ND	0.79	ND	0.62	ND
1,2-Dichlorobenzene	µg/m³	0.82	ND	0.79	ND	0.62	ND
1,2,4-Trichlorobenzene	µg/m³	0.82	ND	0.79	ND	0.62	ND
Hexachlorobutadiene	µg/m³	0.82	ND	0.79	ND	0.62	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-BA-20-022107		MRS-FA-20-022107		MRS-SS-20-022107		MRS-CS-20-022107		MRS-OA-20-022107	
	Sample Date	Feb-21-2007		Feb-21-2007		Feb-21-2007		Feb-21-2007		Feb-21-2007	
COMPOUND	**UNIT**										
Dichlorodifluoromethane (CFC 12)	µg/m³	16		12		39		15		2.3	
Chloromethane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Vinyl Chloride	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Bromomethane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Chloroethane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Ethanol	µg/m³	190		360		6.2	ND	89		13	
Acetone	µg/m³	13		12		6.2	ND	9.4		6.8	ND
Trichlorofluoromethane	µg/m³	1.5		1.5		1.2		1.2		1.2	
1,1-Dichloroethene	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Methylene chloride	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Trichlorotrifluoroethane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
trans-1,2-Dichloroethene	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
1,1-Dichloroethane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Methyl tert-Butyl Ether	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
2-Butanone (MEK)	µg/m³	6.8		6.4		0.85		2.2		1.3	
cis-1,2-Dichloroethene	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
n-Hexane	µg/m³	7.5		7.8		1.1		1.5		0.68	ND
Chloroform	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
1,2-Dichloroethane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
1,1,1-Trichloroethane	µg/m³	0.86	ND	0.83	ND	1.5		0.84	ND	0.68	ND
Benzene	µg/m³	8.4		9.2		0.65		2.0		0.68	ND
Carbon Tetrachloride	µg/m³	0.53		0.50		0.13		0.51		0.50	
Cyclohexane	µg/m³	1.3		1.3		0.62	ND	0.84	ND	0.68	ND
1,2-Dichloropropane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Bromodichloromethane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Trichloroethene	µg/m³	0.17	ND	0.17	ND	0.12	ND	0.17	ND	0.14	ND
1,4-Dioxane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	4.1		4.3		0.62	ND	0.86		0.68	ND
cis-1,3-Dichloropropene	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
trans-1,3-Dichloropropene	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
1,1,2-Trichloroethane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Toluene	µg/m³	30		31		9.7		5.6		1.0	
2-Hexanone	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Dibromochloromethane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
1,2-Dibromoethane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Tetrachloroethene	µg/m³	0.86	ND	0.83	ND	5.7		0.84	ND	0.68	ND
Chlorobenzene	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Ethylbenzene	µg/m³	6.5		7.2		3.6		1.2		0.68	ND
m,p -Xylenes	µg/m³	24		27		7.9		4.4		0.68	ND
Bromoform	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Styrene	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
o-Xylene	µg/m³	7.9		8.7		3.4		1.4		0.68	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
1,3,5-Trimethylbenzene	µg/m³	1.8		2.0		0.62	ND	0.84	ND	0.68	ND
1,2,4-Trimethylbenzene	µg/m³	5.3		6.1		0.73		0.90		0.68	ND
Benzyl Chloride	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
1,3-Dichlorobenzene	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
1,4-Dichlorobenzene	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
1,2-Dichlorobenzene	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
1,2,4-Trichlorobenzene	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND
Hexachlorobutadiene	µg/m³	0.86	ND	0.83	ND	0.62	ND	0.84	ND	0.68	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-OA-21-022107		MRS-FA-21-022107		MRS-SS-21-022107		MRS-BA-21-022107	
	Sample Date	Feb-21-2007		Feb-21-2007		Feb-21-2007		Feb-21-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.3		5.0		3.8		6.9	
Chloromethane	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Vinyl Chloride	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Bromomethane	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Chloroethane	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Ethanol	µg/m³	10		890		6.2	ND	350	
Acetone	µg/m³	13		32		9.2		26	
Trichlorofluoromethane	µg/m³	1.2		2.3		1.1		2.6	
1,1-Dichloroethene	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Methylene chloride	µg/m³	0.78	ND	160		1.7		270	
Trichlorotrifluoroethane	µg/m³	0.78	ND	0.86	ND	0.66		0.75	ND
trans-1,2-Dichloroethene	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
1,1-Dichloroethane	µg/m³	0.78	ND	2.0		0.62	ND	0.75	ND
Methyl tert-Butyl Ether	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
2-Butanone (MEK)	µg/m³	2.3		5.8		1.8		3.7	
cis-1,2-Dichloroethene	µg/m³	0.78	ND	4.3		0.62	ND	0.75	ND
n-Hexane	µg/m³	0.92		4.7		2.3		3.3	
Chloroform	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
1,2-Dichloroethane	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
1,1,1-Trichloroethane	µg/m³	0.78	ND	1.0		0.73		0.75	ND
Benzene	µg/m³	1.1		3.1		0.62	ND	2.5	
Carbon Tetrachloride	µg/m³	0.50		0.58		0.12	ND	0.55	
Cyclohexane	µg/m³	0.78	ND	1.7		0.93		0.81	
1,2-Dichloropropane	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Bromodichloromethane	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Trichloroethene	µg/m³	0.16	ND	1.2		0.12	ND	0.15	ND
1,4-Dioxane	µg/m³	0.78	ND	0.86	ND	3.5		0.75	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.78	ND	2.4		0.62	ND	2.1	
cis-1,3-Dichloropropene	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
trans-1,3-Dichloropropene	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
1,1,2-Trichloroethane	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Toluene	µg/m³	7.1		160		9.5		24	
2-Hexanone	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Dibromochloromethane	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
1,2-Dibromoethane	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Tetrachloroethene	µg/m³	0.78	ND	4.0		0.75		0.75	ND
Chlorobenzene	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Ethylbenzene	µg/m³	1.3		20		2.7		3.3	
m,p -Xylenes	µg/m³	3.2		82		8.2		10	
Bromoform	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Styrene	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
o-Xylene	µg/m³	1.3		25		2.8		3.5	
1,1,2,2-Tetrachloroethane	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
1,3,5-Trimethylbenzene	µg/m³	0.78	ND	4.6		0.80		0.78	
1,2,4-Trimethylbenzene	µg/m³	0.78	ND	11		2.0		2.1	
Benzyl Chloride	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
1,3-Dichlorobenzene	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
1,4-Dichlorobenzene	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
1,2-Dichlorobenzene	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
1,2,4-Trichlorobenzene	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND
Hexachlorobutadiene	µg/m³	0.78	ND	0.86	ND	0.62	ND	0.75	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-FA-22-022107		MRS-BA-22-022107		MRS-SS-22-022107	
	Sample Date	Feb-21-2007		Feb-21-2007		Feb-21-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	2.2		2.2		2.2	
Chloromethane	µg/m³	0.77	ND	0.70	ND	0.68	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.77	ND	0.70	ND	0.68	ND
Vinyl Chloride	µg/m³	0.77	ND	0.70	ND	0.68	ND
Bromomethane	µg/m³	0.77	ND	0.70	ND	0.68	ND
Chloroethane	µg/m³	0.77	ND	0.70	ND	0.68	ND
Ethanol	µg/m³	1,900		250		88	
Acetone	µg/m³	32		15		14	
Trichlorofluoromethane	µg/m³	1.3		1.2		1.3	
1,1-Dichloroethene	µg/m³	0.77	ND	0.70	ND	0.68	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.77	ND	0.70	ND	0.68	ND
Methylene chloride	µg/m³	0.77	ND	0.70	ND	0.68	ND
Trichlorotrifluoroethane	µg/m³	0.77	ND	0.70	ND	0.68	ND
trans-1,2-Dichloroethene	µg/m³	0.77	ND	0.70	ND	0.68	ND
1,1-Dichloroethane	µg/m³	0.77	ND	0.70	ND	0.68	ND
Methyl tert-Butyl Ether	µg/m³	0.77	ND	0.70	ND	0.68	ND
2-Butanone (MEK)	µg/m³	2.2		2.4		2.1	
cis-1,2-Dichloroethene	µg/m³	0.77	ND	0.70	ND	0.68	ND
n-Hexane	µg/m³	14		37		8.0	
Chloroform	µg/m³	0.87		0.70	ND	0.68	ND
1,2-Dichloroethane	µg/m³	0.77	ND	0.70	ND	0.68	ND
1,1,1-Trichloroethane	µg/m³	0.77	ND	0.70	ND	1.4	
Benzene	µg/m³	9.6		24		1.5	
Carbon Tetrachloride	µg/m³	0.49		0.51		0.52	
Cyclohexane	µg/m³	2.3		5.7		1.8	
1,2-Dichloropropane	µg/m³	0.77	ND	0.70	ND	0.68	ND
Bromodichloromethane	µg/m³	0.77	ND	0.70	ND	0.68	ND
Trichloroethene	µg/m³	0.15	ND	0.14	ND	0.14	ND
1,4-Dioxane	µg/m³	0.77	ND	0.70	ND	0.68	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	5.0		12		0.90	
cis-1,3-Dichloropropene	µg/m³	0.77	ND	0.70	ND	0.68	ND
trans-1,3-Dichloropropene	µg/m³	0.77	ND	0.70	ND	0.68	ND
1,1,2-Trichloroethane	µg/m³	0.77	ND	0.70	ND	0.68	ND
Toluene	µg/m³	41		93		17	
2-Hexanone	µg/m³	0.77	ND	0.70	ND	0.68	ND
Dibromochloromethane	µg/m³	0.77	ND	0.70	ND	0.68	ND
1,2-Dibromoethane	µg/m³	0.77	ND	0.70	ND	0.68	ND
Tetrachloroethene	µg/m³	1.0		2.2		0.68	ND
Chlorobenzene	µg/m³	0.77	ND	0.70	ND	0.68	ND
Ethylbenzene	µg/m³	5.2		12		5.4	
m,p-Xylenes	µg/m³	23		55		14	
Bromoform	µg/m³	0.77	ND	0.70	ND	0.68	ND
Styrene	µg/m³	0.77	ND	0.70	ND	0.68	ND
o-Xylene	µg/m³	7.3		17		5.4	
1,1,2,2-Tetrachloroethane	µg/m³	0.77	ND	0.70	ND	0.68	ND
1,3,5-Trimethylbenzene	µg/m³	1.5		3.5		0.68	ND
1,2,4-Trimethylbenzene	µg/m³	5.3		12		1.3	
Benzyl Chloride	µg/m³	0.77	ND	0.70	ND	0.68	ND
1,3-Dichlorobenzene	µg/m³	0.77	ND	0.70	ND	0.68	ND
1,4-Dichlorobenzene	µg/m³	0.77	ND	0.70	ND	0.68	ND
1,2-Dichlorobenzene	µg/m³	0.77	ND	0.70	ND	0.68	ND
1,2,4-Trichlorobenzene	µg/m³	0.77	ND	0.70	ND	0.68	ND
Hexachlorobutadiene	µg/m³	0.77	ND	0.70	ND	0.68	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-BA-23-022207		MRS-FA-23-022207		MRS-SS-23-022207		DUP-MRS-SS-23-022207		MRS-OA-23-022207	
	Sample Date	Feb-22-2007		Feb-22-2007		Feb-22-2007		Feb-22-2007		Feb-22-2007	
COMPOUND	**UNIT**										
Dichlorodifluoromethane (CFC 12)	µg/m³	2.4		2.7		2.5		2.5		2.3	
Chloromethane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Vinyl Chloride	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Bromomethane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Chloroethane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Ethanol	µg/m³	180		470		7.0	ND	6.8	ND	15	
Acetone	µg/m³	11	J	25.00	J	19	J	12	J	8.8	J
Trichlorofluoromethane	µg/m³	2.8		3.9		6.3		6.3		1.2	
1,1-Dichloroethene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.81	ND	0.85	ND	0.82	J	0.68	JND	0.71	ND
Methylene chloride	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Trichlorotrifluoroethane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
trans-1,2-Dichloroethene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
1,1-Dichloroethane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Methyl tert-Butyl Ether	µg/m³	100		29		4.0	J	0.99	J	9.7	
2-Butanone (MEK)	µg/m³	1.7		2.8		4.0	J	2.6	J	2.1	
cis-1,2-Dichloroethene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
n-Hexane	µg/m³	36		11		8.2		7.2		3.4	
Chloroform	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
1,2-Dichloroethane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
1,1,1-Trichloroethane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Benzene	µg/m³	21		11		4.9	J	2.7	J	5.9	
Carbon Tetrachloride	µg/m³	0.52		0.64		2.5		2.5		0.52	
Cyclohexane	µg/m³	10		3.3		3.6		3.2		1.1	
1,2-Dichloropropane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Bromodichloromethane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Trichloroethene	µg/m³	0.16	ND	0.17	ND	0.14	ND	0.14	ND	0.14	ND
1,4-Dioxane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	20		6.4		1.1	J	0.68	JND	2.0	
cis-1,3-Dichloropropene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
trans-1,3-Dichloropropene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
1,1,2-Trichloroethane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Toluene	µg/m³	32		20		14		10		11	
2-Hexanone	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Dibromochloromethane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
1,2-Dibromoethane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Tetrachloroethene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Chlorobenzene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Ethylbenzene	µg/m³	1.1		0.85	ND	1.5		1.4		0.71	ND
m,p-Xylenes	µg/m³	3.5		2.7		12		12		3.1	
Bromoform	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Styrene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
o-Xylene	µg/m³	1.1		0.95		3.3		3.1		1.1	
1,1,2,2-Tetrachloroethane	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
1,3,5-Trimethylbenzene	µg/m³	0.81	ND	0.85	ND	2.4		2.4		0.71	ND
1,2,4-Trimethylbenzene	µg/m³	0.81	ND	0.85	ND	5.3		5.4		0.71	ND
Benzyl Chloride	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
1,3-Dichlorobenzene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
1,4-Dichlorobenzene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
1,2-Dichlorobenzene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
1,2,4-Trichlorobenzene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND
Hexachlorobutadiene	µg/m³	0.81	ND	0.85	ND	0.70	ND	0.68	ND	0.71	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Sample ID / Sample Date		MRS-BA-24-022207 Feb-22-2007		MRS-FA-24-022207 Feb-22-2007		DUP-MRS-FA-24-022207 Feb-22-2007		MRS-SS-24-022207 Feb-22-2007		MRS-OA-24-022207 Feb-22-2007	
COMPOUND	**UNIT**										
Dichlorodifluoromethane (CFC 12)	µg/m³	5.8		5.8		5.7		19		2.3	
Chloromethane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Vinyl Chloride	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Bromomethane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Chloroethane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Ethanol	µg/m³	220		1,600		1,700		7.2	ND	8.4	
Acetone	µg/m³	11	J	24	J	25	J	8.8	J	6.7	JND
Trichlorofluoromethane	µg/m³	1.4		2.5		2.5		2.6		1.2	
1,1-Dichloroethene	µg/m³	0.79	ND	0.79	ND	0.85	ND	3.8		0.67	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.79	ND	1.2		1.2		0.72	ND	0.67	ND
Methylene chloride	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Trichlorotrifluoroethane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.84		0.67	ND
trans-1,2-Dichloroethene	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
1,1-Dichloroethane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Methyl tert-Butyl Ether	µg/m³	2.7		2.3		2.2		3.1		1.7	
2-Butanone (MEK)	µg/m³	1.7		2.8		2.5		0.94		1.0	
cis-1,2-Dichloroethene	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
n-Hexane	µg/m³	24		24		24		5.7		0.93	
Chloroform	µg/m³	0.79	ND	2.5		2.5		0.72	ND	0.67	ND
1,2-Dichloroethane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
1,1,1-Trichloroethane	µg/m³	2.1		2.2		2.2		95		0.67	ND
Benzene	µg/m³	15		14		14		4.2		2.1	
Carbon Tetrachloride	µg/m³	0.50		0.49		0.53		0.53		0.48	
Cyclohexane	µg/m³	3.9		3.8		3.8		2.3		0.67	ND
1,2-Dichloropropane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Bromodichloromethane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Trichloroethene	µg/m³	0.16	ND	0.16	ND	0.17	ND	1.8		0.13	ND
1,4-Dioxane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	8.1		8.1		8.1		0.85		0.67	ND
cis-1,3-Dichloropropene	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
trans-1,3-Dichloropropene	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
1,1,2-Trichloroethane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Toluene	µg/m³	61		59		57		12		4.2	
2-Hexanone	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Dibromochloromethane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
1,2-Dibromoethane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Tetrachloroethene	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Chlorobenzene	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Ethylbenzene	µg/m³	7.2		7.1		7.0		0.82		0.67	ND
m,p -Xylenes	µg/m³	32		31		31		6.6		0.77	
Bromoform	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Styrene	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
o-Xylene	µg/m³	10		9.7		9.7		1.7		0.67	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
1,3,5-Trimethylbenzene	µg/m³	2.3		2.2		2.3		1.0		0.67	ND
1,2,4-Trimethylbenzene	µg/m³	8.7		8.3		8.5		2.3		0.67	ND
Benzyl Chloride	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
1,3-Dichlorobenzene	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
1,4-Dichlorobenzene	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
1,2-Dichlorobenzene	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
1,2,4-Trichlorobenzene	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND
Hexachlorobutadiene	µg/m³	0.79	ND	0.79	ND	0.85	ND	0.72	ND	0.67	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-OA-25-031307		MRS-FA-25-031307		MRS-BA-25-031307		MRS-SS-25-031307	
	Sample Date	Mar-13-2007		Mar-13-2007		Mar-13-2007		Mar-13-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.0		5.5		3.9		7.4	ND
Chloromethane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
Vinyl Chloride	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
Bromomethane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
Chloroethane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
Ethanol	µg/m³	7.1		240		120		74	ND
Acetone	µg/m³	36	J	62		47		74	ND
Trichlorofluoromethane	µg/m³	1.0		36		32		20	
1,1-Dichloroethene	µg/m³	0.69	ND	0.75	ND	0.65	ND	58	
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.96		1.3		0.86		7.4	ND
Methylene chloride	µg/m³	0.69	ND	0.94		1.6		7.4	ND
Trichlorotrifluoroethane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
trans-1,2-Dichloroethene	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
1,1-Dichloroethane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
Methyl tert-Butyl Ether	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
2-Butanone (MEK)	µg/m³	9.5		13		20		7.4	ND
cis-1,2-Dichloroethene	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
n-Hexane	µg/m³	0.69	ND	1.7		1.3		7.4	ND
Chloroform	µg/m³	0.69	ND	2.6		1.1		7.4	ND
1,2-Dichloroethane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
1,1,1-Trichloroethane	µg/m³	0.69	ND	1.5		1.3		420	
Benzene	µg/m³	0.69	ND	1.1		0.92		7.4	ND
Carbon Tetrachloride	µg/m³	0.41		0.44		0.45		1.5	ND
Cyclohexane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
1,2-Dichloropropane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
Bromodichloromethane	µg/m³	0.69	ND	0.77		0.65	ND	7.4	ND
Trichloroethene	µg/m³	0.14	ND	2.4		4.1		1,700	
1,4-Dioxane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
cis-1,3-Dichloropropene	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
trans-1,3-Dichloropropene	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
1,1,2-Trichloroethane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
Toluene	µg/m³	1.7		15		13		38	
2-Hexanone	µg/m³	2.4		1.0	J	0.65	ND	7.4	ND
Dibromochloromethane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
1,2-Dibromoethane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
Tetrachloroethene	µg/m³	0.69	ND	18		34		7.4	ND
Chlorobenzene	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
Ethylbenzene	µg/m³	0.69	ND	3.1		1.7		7.4	ND
m,p -Xylenes	µg/m³	0.69	ND	13		7.6		7.4	ND
Bromoform	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
Styrene	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
o-Xylene	µg/m³	0.69	ND	3.1		1.9		7.4	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
1,3,5-Trimethylbenzene	µg/m³	0.69	ND	1.8		0.65	ND	7.4	ND
1,2,4-Trimethylbenzene	µg/m³	0.69	ND	8.0		1.9		7.4	ND
Benzyl Chloride	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
1,3-Dichlorobenzene	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
1,4-Dichlorobenzene	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
1,2-Dichlorobenzene	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
1,2,4-Trichlorobenzene	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND
Hexachlorobutadiene	µg/m³	0.69	ND	0.75	ND	0.65	ND	7.4	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-26-032207		MRS-BA-26-032207		MRS-FA-26-032207		MRS-OA-26-032207	
	Sample Date	Mar-22-2007		Mar-22-2007		Mar-22-2007		Mar-22-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.2		2.2		2.3		2.1	
Chloromethane	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Vinyl Chloride	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Bromomethane	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Chloroethane	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Ethanol	µg/m³	43		1,600		2,800		21	
Acetone	µg/m³	32	J	23		28	J	23	J
Trichlorofluoromethane	µg/m³	1.3		1.2		1.2		1.1	
1,1-Dichloroethene	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.93		1.9		2.6		0.75	ND
Methylene chloride	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Trichlorotrifluoroethane	µg/m³	0.69		0.82	ND	0.74	ND	0.75	ND
trans-1,2-Dichloroethene	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
1,1-Dichloroethane	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Methyl tert-Butyl Ether	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
2-Butanone (MEK)	µg/m³	1.9		2.5		2.4		3.4	
cis-1,2-Dichloroethene	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
n-Hexane	µg/m³	13		1.4		2.2		0.75	ND
Chloroform	µg/m³	0.62	ND	1.4		4.0		0.75	ND
1,2-Dichloroethane	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
1,1,1-Trichloroethane	µg/m³	6.6		1.5		1.3		0.75	ND
Benzene	µg/m³	3.3		1.5		2.3		0.75	ND
Carbon Tetrachloride	µg/m³	0.35		0.49		0.58		0.43	
Cyclohexane	µg/m³	6.8		0.82	ND	0.74	ND	0.75	ND
1,2-Dichloropropane	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Bromodichloromethane	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Trichloroethene	µg/m³	0.12	ND	0.16	ND	0.15	ND	0.15	ND
1,4-Dioxane	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.62	ND	0.82	ND	0.90		0.75	ND
cis-1,3-Dichloropropene	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
trans-1,3-Dichloropropene	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
1,1,2-Trichloroethane	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Toluene	µg/m³	12		6.2		9.2		1.9	
2-Hexanone	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Dibromochloromethane	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
1,2-Dibromoethane	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Tetrachloroethene	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Chlorobenzene	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Ethylbenzene	µg/m³	0.99		1.0		1.7		0.75	ND
m,p -Xylenes	µg/m³	11		3.4		5.5		0.75	ND
Bromoform	µg/m³	0.62	JND	0.82	JND	0.74	JND	0.75	JND
Styrene	µg/m³	0.62	ND	0.82	ND	1.1		0.75	ND
o-Xylene	µg/m³	2.7		1.1		1.7		0.75	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
1,3,5-Trimethylbenzene	µg/m³	1.6		0.82	ND	0.74	ND	0.75	ND
1,2,4-Trimethylbenzene	µg/m³	3.0		1.0		1.6		0.75	ND
Benzyl Chloride	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
1,3-Dichlorobenzene	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
1,4-Dichlorobenzene	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
1,2-Dichlorobenzene	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
1,2,4-Trichlorobenzene	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND
Hexachlorobutadiene	µg/m³	0.62	ND	0.82	ND	0.74	ND	0.75	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Sample ID		MRS-SS-27-040607		MRS-BA-27-040607		MRS-FA-27-040607		MRS-OA-28-040607	
Sample Date		Apr-6-2007		Apr-6-2007		Apr-6-2007		Apr-6-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.7		2.3		2.3		2.3	
Chloromethane	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Vinyl Chloride	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Bromomethane	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Chloroethane	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Ethanol	µg/m³	6.2	JND	11		22		6.6	JND
Acetone	µg/m³	20	J	13	J	12	J	6.6	ND
Trichlorofluoromethane	µg/m³	1.1		1.1		1.1		1.1	
1,1-Dichloroethene	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	1.0		0.94	JND	0.77	JND	0.66	JND
Methylene chloride	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Trichlorotrifluoroethane	µg/m³	0.87		0.94	ND	0.77	ND	0.66	ND
trans-1,2-Dichloroethene	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
1,1-Dichloroethane	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Methyl tert-Butyl Ether	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
2-Butanone (MEK)	µg/m³	3.0		1.6		2.1		0.66	ND
cis-1,2-Dichloroethene	µg/m³	0.62	ND	1.2		0.77	ND	0.66	ND
n-Hexane	µg/m³	13		0.94	ND	0.77	ND	0.66	ND
Chloroform	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
1,2-Dichloroethane	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
1,1,1-Trichloroethane	µg/m³	0.99		0.94	ND	0.77	ND	0.66	ND
Benzene	µg/m³	4.7		0.94	ND	0.77	ND	0.66	ND
Carbon Tetrachloride	µg/m³	0.12	ND	0.39		0.40		0.38	
Cyclohexane	µg/m³	7.8		0.94	ND	0.77	ND	0.66	ND
1,2-Dichloropropane	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Bromodichloromethane	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Trichloroethene	µg/m³	0.12	ND	0.19	ND	0.15	ND	0.13	ND
1,4-Dioxane	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
cis-1,3-Dichloropropene	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
trans-1,3-Dichloropropene	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
1,1,2-Trichloroethane	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Toluene	µg/m³	18		2.2		2.0		0.75	
2-Hexanone	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Dibromochloromethane	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
1,2-Dibromoethane	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Tetrachloroethene	µg/m³	2.7		0.94	ND	0.77	ND	0.66	ND
Chlorobenzene	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Ethylbenzene	µg/m³	3.4		0.94	ND	0.77	ND	0.66	ND
m,p -Xylenes	µg/m³	27		1.7		0.83		0.66	ND
Bromoform	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Styrene	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
o-Xylene	µg/m³	6.0		0.94	ND	0.77	ND	0.66	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
1,3,5-Trimethylbenzene	µg/m³	4.0		0.94	ND	0.77	ND	0.66	ND
1,2,4-Trimethylbenzene	µg/m³	8.1		0.94	ND	0.77	ND	0.66	ND
Benzyl Chloride	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
1,3-Dichlorobenzene	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
1,4-Dichlorobenzene	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
1,2-Dichlorobenzene	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
1,2,4-Trichlorobenzene	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND
Hexachlorobutadiene	µg/m³	0.62	ND	0.94	ND	0.77	ND	0.66	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
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VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-28-040607		Dup of MRS-SS-28-040607		MRS-BA-28-040607		MRS-FA-28-040607	
	Sample Date	Apr-6-2007		Apr-6-2007		Apr-6-2007		Apr-6-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	9.3		8.6		2.4		2.4	
Chloromethane	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Vinyl Chloride	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Bromomethane	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Chloroethane	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Ethanol	µg/m³	8.6		8.6	NJ	780		1,200	
Acetone	µg/m³	23		19		43		35	
Trichlorofluoromethane	µg/m³	2.4		2.4		1.3		1.3	
1,1-Dichloroethene	µg/m³	120		110		0.82	ND	0.82	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	4.8	NJ	0.71	JND	0.82	JND	0.82	JND
Methylene chloride	µg/m³	0.76		0.75		32		24	
Trichlorotrifluoroethane	µg/m³	3.2		3.1		0.82	ND	0.82	ND
trans-1,2-Dichloroethene	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
1,1-Dichloroethane	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Methyl tert-Butyl Ether	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
2-Butanone (MEK)	µg/m³	1.6		1.5		3.9		3.1	
cis-1,2-Dichloroethene	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
n-Hexane	µg/m³	4.8		4.6		2.7		2.8	
Chloroform	µg/m³	1.0		0.71	ND	0.82	ND	0.82	ND
1,2-Dichloroethane	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
1,1,1-Trichloroethane	µg/m³	700		730		4.8		3.8	
Benzene	µg/m³	1.5		1.4		3.0		3.2	
Carbon Tetrachloride	µg/m³	0.24		0.24		0.41		0.41	
Cyclohexane	µg/m³	2.4		2.3	NDU	0.82	ND	0.82	ND
1,2-Dichloropropane	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Bromodichloromethane	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Trichloroethene	µg/m³	0.15	ND	0.14	ND	0.16	ND	0.16	ND
1,4-Dioxane	µg/m³	1.7	J	0.71	JND	0.82	ND	0.82	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
cis-1,3-Dichloropropene	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
trans-1,3-Dichloropropene	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
1,1,2-Trichloroethane	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Toluene	µg/m³	9.5		10		15		17	
2-Hexanone	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Dibromochloromethane	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
1,2-Dibromoethane	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Tetrachloroethene	µg/m³	9.2		9.4		1.9		3.1	
Chlorobenzene	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Ethylbenzene	µg/m³	1.8		1.7		1.3		1.5	
m,p -Xylenes	µg/m³	9.5		9.2		6.1		7.2	
Bromoform	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Styrene	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
o-Xylene	µg/m³	2.4		2.4		1.8		2.1	
1,1,2,2-Tetrachloroethane	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
1,3,5-Trimethylbenzene	µg/m³	0.96		0.98		0.82	ND	0.82	ND
1,2,4-Trimethylbenzene	µg/m³	3.3		3.1		2.1		1.9	
Benzyl Chloride	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
1,3-Dichlorobenzene	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
1,4-Dichlorobenzene	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
1,2-Dichlorobenzene	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
1,2,4-Trichlorobenzene	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND
Hexachlorobutadiene	µg/m³	0.74	ND	0.71	ND	0.82	ND	0.82	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Sample ID Sample Date		MRS-SS-29-040607 Apr-6-2007		MRS-BA-29-040607 Apr-6-2007		MRS-FA-29-040607 Apr-6-2007		MRS-CS-29-040607 Apr-6-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	3.4		2.2		2.2		2.2	
Chloromethane	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
Vinyl Chloride	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
Bromomethane	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
Chloroethane	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
Ethanol	µg/m³	21		290		430		200	
Acetone	µg/m³	49		33	J	32	J	15	J
Trichlorofluoromethane	µg/m³	1.8		1.3		1.2		1.3	
1,1-Dichloroethene	µg/m³	7.5		0.81	ND	0.77	ND	0.69	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.63	JND	4.0	NJ	1.7		0.69	JND
Methylene chloride	µg/m³	1.2		0.81	ND	0.77	ND	0.69	ND
Trichlorotrifluoroethane	µg/m³	18		0.81	ND	0.77	ND	0.69	ND
trans-1,2-Dichloroethene	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
1,1-Dichloroethane	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
Methyl tert-Butyl Ether	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
2-Butanone (MEK)	µg/m³	8.5		3.4		3.3		1.7	
cis-1,2-Dichloroethene	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
n-Hexane	µg/m³	11		4.3		4.6		5.0	
Chloroform	µg/m³	36		1.1		1.0		0.69	ND
1,2-Dichloroethane	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
1,1,1-Trichloroethane	µg/m³	130		0.81	ND	0.77	ND	0.69	ND
Benzene	µg/m³	3.7		2.7		2.8		3.0	
Carbon Tetrachloride	µg/m³	0.13	ND	0.41		0.39		0.41	
Cyclohexane	µg/m³	4.7		0.81	ND	0.77	ND	0.75	
1,2-Dichloropropane	µg/m³	5.9		0.81	ND	0.77	ND	0.69	ND
Bromodichloromethane	µg/m³	1.5	J	0.81	ND	0.77	ND	0.69	ND
Trichloroethene	µg/m³	22		0.16	ND	0.15	ND	0.14	ND
1,4-Dioxane	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.63	ND	0.99		0.88		0.95	
cis-1,3-Dichloropropene	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
trans-1,3-Dichloropropene	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
1,1,2-Trichloroethane	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
Toluene	µg/m³	22		13		14		15	
2-Hexanone	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
Dibromochloromethane	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
1,2-Dibromoethane	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
Tetrachloroethene	µg/m³	35		0.81	ND	0.77	ND	0.73	
Chlorobenzene	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
Ethylbenzene	µg/m³	7.0		2.3		2.4		2.5	
m,p -Xylenes	µg/m³	6.6		9.7		11		11	
Bromoform	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
Styrene	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
o-Xylene	µg/m³	13		3.2		3.3		3.6	
1,1,2,2-Tetrachloroethane	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
1,3,5-Trimethylbenzene	µg/m³	0.82		0.81	ND	0.77	ND	0.80	
1,2,4-Trimethylbenzene	µg/m³	1.7		3.2		3.6		3.6	
Benzyl Chloride	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
1,3-Dichlorobenzene	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
1,4-Dichlorobenzene	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
1,2-Dichlorobenzene	µg/m³	9.7		0.81	ND	0.77	ND	0.69	ND
1,2,4-Trichlorobenzene	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND
Hexachlorobutadiene	µg/m³	0.63	ND	0.81	ND	0.77	ND	0.69	ND

Notes:
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Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-30-041007		MRS-BA-30-041007		MRS-FA-30-041007	
	Sample Date	Apr-10-2007		Apr-10-2007		Apr-10-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	2.2		2.2		2.2	
Chloromethane	µg/m³	0.61	ND	0.73	ND	0.73	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.61	ND	0.73	ND	0.73	ND
Vinyl Chloride	µg/m³	0.61	ND	0.73	ND	0.73	ND
Bromomethane	µg/m³	0.61	ND	0.73	ND	0.73	ND
Chloroethane	µg/m³	0.61	ND	0.73	ND	0.73	ND
Ethanol	µg/m³	32	J	160		320	
Acetone	µg/m³	49	J	38	J	51	J
Trichlorofluoromethane	µg/m³	1.1		1.2		1.3	
1,1-Dichloroethene	µg/m³	0.61	ND	0.73	ND	0.73	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	3.2		1.2		0.73	JND
Methylene chloride	µg/m³	0.61	ND	0.73	ND	0.73	ND
Trichlorotrifluoroethane	µg/m³	0.66		0.73	ND	0.73	ND
trans-1,2-Dichloroethene	µg/m³	0.61	ND	0.73	ND	0.73	ND
1,1-Dichloroethane	µg/m³	0.61	ND	0.73	ND	0.73	ND
Methyl tert-Butyl Ether	µg/m³	0.61	ND	0.73	ND	0.73	ND
2-Butanone (MEK)	µg/m³	4.0		5.8		5.9	
cis-1,2-Dichloroethene	µg/m³	0.61	ND	0.73	ND	0.73	ND
n-Hexane	µg/m³	41		5.2		6.4	
Chloroform	µg/m³	0.61	ND	0.73	ND	1.2	
1,2-Dichloroethane	µg/m³	0.61	ND	0.73	ND	0.73	ND
1,1,1-Trichloroethane	µg/m³	0.61	ND	0.73	ND	0.73	ND
Benzene	µg/m³	10		3.2		3.7	
Carbon Tetrachloride	µg/m³	0.12	ND	0.36		0.38	
Cyclohexane	µg/m³	18		0.94		1.1	
1,2-Dichloropropane	µg/m³	0.61	ND	0.73	ND	0.73	ND
Bromodichloromethane	µg/m³	0.61	ND	0.73	ND	0.73	ND
Trichloroethene	µg/m³	0.42		0.15	ND	0.15	ND
1,4-Dioxane	µg/m³	0.61	ND	0.92		0.73	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.61	ND	2.2		2.3	
cis-1,3-Dichloropropene	µg/m³	0.61	ND	0.73	ND	0.73	ND
trans-1,3-Dichloropropene	µg/m³	0.61	ND	0.73	ND	0.73	ND
1,1,2-Trichloroethane	µg/m³	0.61	ND	0.73	ND	0.73	ND
Toluene	µg/m³	28		20		25	
2-Hexanone	µg/m³	0.61	ND	0.73	ND	0.73	ND
Dibromochloromethane	µg/m³	0.61	ND	0.73	ND	0.73	ND
1,2-Dibromoethane	µg/m³	0.61	ND	0.73	ND	0.73	ND
Tetrachloroethene	µg/m³	2.5		0.73	ND	0.73	ND
Chlorobenzene	µg/m³	0.61	ND	0.73	ND	0.73	ND
Ethylbenzene	µg/m³	4.7		6.7		6.8	
m,p -Xylenes	µg/m³	27		30		30	
Bromoform	µg/m³	0.61	ND	0.73	ND	0.73	ND
Styrene	µg/m³	0.61	ND	0.73	ND	1.1	
o-Xylene	µg/m³	8.6		7.4		7.8	
1,1,2,2-Tetrachloroethane	µg/m³	0.61	ND	0.73	ND	0.73	ND
1,3,5-Trimethylbenzene	µg/m³	3.8		2.0		2.2	
1,2,4-Trimethylbenzene	µg/m³	9.6		8.1		8.9	
Benzyl Chloride	µg/m³	0.61	ND	0.73	ND	0.73	ND
1,3-Dichlorobenzene	µg/m³	0.61	ND	0.73	ND	0.73	ND
1,4-Dichlorobenzene	µg/m³	0.61	ND	0.73	ND	0.73	ND
1,2-Dichlorobenzene	µg/m³	0.92		0.73	ND	0.73	ND
1,2,4-Trichlorobenzene	µg/m³	0.61	ND	0.73	ND	0.73	ND
Hexachlorobutadiene	µg/m³	0.61	ND	0.73	ND	0.73	ND

Notes:
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Sample ID / Sample Date		MRS-SS-31-041007 Apr-10-2007		MRS-BA-31-041007 Apr-10-2007		MRS-FA-31-041007 Apr-10-2007		MRS-OA-31-041007 Apr-10-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.2		2.4		2.4		2.2	
Chloromethane	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Vinyl Chloride	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Bromomethane	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Chloroethane	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Ethanol	µg/m³	20		720		920		8.3	JND
Acetone	µg/m³	22	J	37		33	J	8.3	ND
Trichlorofluoromethane	µg/m³	1.0		1.8		1.6		1.1	
1,1-Dichloroethene	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.68	NJ	2.4		1.3		0.83	JND
Methylene chloride	µg/m³	0.64	ND	1.9		1.8		0.83	ND
Trichlorotrifluoroethane	µg/m³	0.72		0.68	ND	0.82	ND	0.83	ND
trans-1,2-Dichloroethene	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
1,1-Dichloroethane	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Methyl tert-Butyl Ether	µg/m³	0.64	ND	2.9		2.2		0.83	ND
2-Butanone (MEK)	µg/m³	3.9		24		18		1.6	
cis-1,2-Dichloroethene	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
n-Hexane	µg/m³	33		37		29		1.2	
Chloroform	µg/m³	0.64	ND	0.68	ND	1.0		0.83	ND
1,2-Dichloroethane	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
1,1,1-Trichloroethane	µg/m³	0.64	ND	1.4		1.6		0.83	ND
Benzene	µg/m³	11		26		19		0.83	ND
Carbon Tetrachloride	µg/m³	0.13	ND	0.40		0.38		0.35	
Cyclohexane	µg/m³	14		4.5		3.5		0.83	ND
1,2-Dichloropropane	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Bromodichloromethane	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Trichloroethene	µg/m³	1.2		0.14	ND	0.16	ND	0.17	ND
1,4-Dioxane	µg/m³	0.73		0.68	ND	0.82	ND	0.83	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.71		9.3		6.8		0.83	ND
cis-1,3-Dichloropropene	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
trans-1,3-Dichloropropene	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
1,1,2-Trichloroethane	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Toluene	µg/m³	49		110		87		4.1	
2-Hexanone	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Dibromochloromethane	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
1,2-Dibromoethane	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Tetrachloroethene	µg/m³	4.6		0.68	ND	0.82	ND	0.83	ND
Chlorobenzene	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Ethylbenzene	µg/m³	5.8		18		13		0.83	ND
m,p -Xylenes	µg/m³	50		82		60		2.0	
Bromoform	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Styrene	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
o-Xylene	µg/m³	13		24		17		0.83	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
1,3,5-Trimethylbenzene	µg/m³	8.3		5.0		3.6		0.83	ND
1,2,4-Trimethylbenzene	µg/m³	18		19		14		0.83	ND
Benzyl Chloride	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
1,3-Dichlorobenzene	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
1,4-Dichlorobenzene	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
1,2-Dichlorobenzene	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
1,2,4-Trichlorobenzene	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND
Hexachlorobutadiene	µg/m³	0.64	ND	0.68	ND	0.82	ND	0.83	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
N: Tentative identification
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-32-041007		MRS-BA-32-041007		MRS-FA-32-041007	
	Sample Date	Apr-10-2007		Apr-10-2007		Apr-10-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	33		13		9.5	
Chloromethane	µg/m³	0.62	ND	0.64	ND	0.77	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.62	ND	0.64	ND	0.77	ND
Vinyl Chloride	µg/m³	0.62	ND	0.64	ND	0.77	ND
Bromomethane	µg/m³	0.62	ND	0.64	ND	0.77	ND
Chloroethane	µg/m³	0.62	ND	0.64	ND	0.77	ND
Ethanol	µg/m³	37		270		690	
Acetone	µg/m³	34	J	58	J	73	J
Trichlorofluoromethane	µg/m³	1.9		3.9		3.7	
1,1-Dichloroethene	µg/m³	68		0.95		0.82	
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	3.3		0.64	JND	0.77	JND
Methylene chloride	µg/m³	0.62	ND	0.76		1.0	
Trichlorotrifluoroethane	µg/m³	2.1		0.64	ND	0.77	ND
trans-1,2-Dichloroethene	µg/m³	0.62	ND	0.64	ND	0.77	ND
1,1-Dichloroethane	µg/m³	0.62	ND	0.64	ND	0.77	ND
Methyl tert-Butyl Ether	µg/m³	0.62	ND	0.64	ND	0.77	ND
2-Butanone (MEK)	µg/m³	5.6		25		5.1	
cis-1,2-Dichloroethene	µg/m³	0.62	ND	0.64	ND	0.77	ND
n-Hexane	µg/m³	21		9.5		14	
Chloroform	µg/m³	22		1.4		2.0	
1,2-Dichloroethane	µg/m³	0.62	ND	0.64	ND	0.77	ND
1,1,1-Trichloroethane	µg/m³	380		5.9		4.7	
Benzene	µg/m³	5.7		5.2		7.9	
Carbon Tetrachloride	µg/m³	0.50		0.40		0.45	
Cyclohexane	µg/m³	8.6		1.2		2.1	
1,2-Dichloropropane	µg/m³	0.62	ND	0.64	ND	0.77	ND
Bromodichloromethane	µg/m³	0.62	ND	0.64	ND	0.77	ND
Trichloroethene	µg/m³	250		3.2		2.8	
1,4-Dioxane	µg/m³	0.62	ND	0.64	ND	0.77	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.62	ND	2.3		3.5	
cis-1,3-Dichloropropene	µg/m³	0.62	ND	0.64	ND	0.77	ND
trans-1,3-Dichloropropene	µg/m³	0.62	ND	0.64	ND	0.77	ND
1,1,2-Trichloroethane	µg/m³	0.62	ND	0.64	ND	0.77	ND
Toluene	µg/m³	29		29		43	
2-Hexanone	µg/m³	3.2	J	0.64	ND	0.77	ND
Dibromochloromethane	µg/m³	0.62	ND	0.64	ND	0.77	ND
1,2-Dibromoethane	µg/m³	0.62	ND	0.64	ND	0.77	ND
Tetrachloroethene	µg/m³	5.9		1.7		3.0	
Chlorobenzene	µg/m³	0.62	ND	0.64	ND	0.77	ND
Ethylbenzene	µg/m³	3.0		6.1		7.0	
m,p -Xylenes	µg/m³	28		27		33	
Bromoform	µg/m³	0.62	ND	0.64	ND	0.77	ND
Styrene	µg/m³	8.6		0.64	ND	0.77	ND
o-Xylene	µg/m³	7.4		7.7		9.6	
1,1,2,2-Tetrachloroethane	µg/m³	0.62	ND	0.64	ND	0.77	ND
1,3,5-Trimethylbenzene	µg/m³	5.5		1.3		1.9	
1,2,4-Trimethylbenzene	µg/m³	10		5.2		7.6	
Benzyl Chloride	µg/m³	0.62	ND	0.64	ND	0.77	ND
1,3-Dichlorobenzene	µg/m³	0.62	ND	0.64	ND	0.77	ND
1,4-Dichlorobenzene	µg/m³	0.62	ND	0.64	ND	0.77	ND
1,2-Dichlorobenzene	µg/m³	0.62	ND	0.64	ND	0.77	ND
1,2,4-Trichlorobenzene	µg/m³	0.62	ND	0.64	ND	0.77	ND
Hexachlorobutadiene	µg/m³	0.62	ND	0.64	ND	0.77	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-33-041007		MRS-BA-33-041007		MRS-FA-33-041007		MRS-OA-33-041007	
	Sample Date	Apr-10-2007		Apr-10-2007		Apr-10-2007		Apr-10-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.4		2.3		2.2		2.3	
Chloromethane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Vinyl Chloride	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Bromomethane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Chloroethane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Ethanol	µg/m³	9.4	NJ	290		630		7.2	JND
Acetone	µg/m³	20	J	38	J	41	J	7.2	ND
Trichlorofluoromethane	µg/m³	1.2		1.9		1.7		1.1	
1,1-Dichloroethene	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.70	JND	1.8		0.95		0.72	JND
Methylene chloride	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Trichlorotrifluoroethane	µg/m³	0.71		0.82	ND	0.75	ND	0.72	ND
trans-1,2-Dichloroethene	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
1,1-Dichloroethane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Methyl tert-Butyl Ether	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
2-Butanone (MEK)	µg/m³	2.6		4.4		3.6		0.78	
cis-1,2-Dichloroethene	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
n-Hexane	µg/m³	15		8.8		5.4		0.72	ND
Chloroform	µg/m³	0.70	ND	1.5		1.8		0.72	ND
1,2-Dichloroethane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
1,1,1-Trichloroethane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Benzene	µg/m³	1.4		8.0		5.1		0.72	ND
Carbon Tetrachloride	µg/m³	0.36		0.51		0.45		0.41	
Cyclohexane	µg/m³	9.5		1.1		0.75	ND	0.72	ND
1,2-Dichloropropane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Bromodichloromethane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Trichloroethene	µg/m³	0.25		0.31		0.20		0.14	ND
1,4-Dioxane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.71	J	2.2		1.7		0.72	ND
cis-1,3-Dichloropropene	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
trans-1,3-Dichloropropene	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
1,1,2-Trichloroethane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Toluene	µg/m³	19		35		25		2.3	
2-Hexanone	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Dibromochloromethane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
1,2-Dibromoethane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Tetrachloroethene	µg/m³	6.0		0.82	ND	0.75	ND	0.72	ND
Chlorobenzene	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Ethylbenzene	µg/m³	1.9		4.7		3.0		0.72	ND
m,p -Xylenes	µg/m³	12		21		13		0.72	ND
Bromoform	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Styrene	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
o-Xylene	µg/m³	3.5		6.6		4.3		0.72	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
1,3,5-Trimethylbenzene	µg/m³	2.8		1.8		1.1		0.72	ND
1,2,4-Trimethylbenzene	µg/m³	8.4		6.8		4.6		0.72	ND
Benzyl Chloride	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
1,3-Dichlorobenzene	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
1,4-Dichlorobenzene	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
1,2-Dichlorobenzene	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
1,2,4-Trichlorobenzene	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND
Hexachlorobutadiene	µg/m³	0.70	ND	0.82	ND	0.75	ND	0.72	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-34-041107		MRS-BA-34-041107		MRS-FA-34-041107	
	Sample Date	Apr-11-2007		Apr-11-2007		Apr-11-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	3.2		2.8		2.6	
Chloromethane	µg/m³	0.70	ND	0.72	ND	0.86	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.70	ND	0.72	ND	0.86	ND
Vinyl Chloride	µg/m³	0.70	ND	0.72	ND	0.86	ND
Bromomethane	µg/m³	0.70	ND	0.72	ND	0.86	ND
Chloroethane	µg/m³	0.70	ND	0.72	ND	0.86	ND
Ethanol	µg/m³	13		400		870	
Acetone	µg/m³	22	J	43	J	52	
Trichlorofluoromethane	µg/m³	1.3		1.3		1.2	
1,1-Dichloroethene	µg/m³	0.70	ND	0.72	ND	0.86	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.70	JND	0.75		2.4	
Methylene chloride	µg/m³	0.70	ND	0.72	ND	0.86	ND
Trichlorotrifluoroethane	µg/m³	0.77		0.95		1.1	
trans-1,2-Dichloroethene	µg/m³	0.70	ND	0.72	ND	0.86	ND
1,1-Dichloroethane	µg/m³	0.70	ND	0.72	ND	0.86	ND
Methyl tert-Butyl Ether	µg/m³	0.70	ND	0.72	ND	0.86	ND
2-Butanone (MEK)	µg/m³	2.1		4.6		4.2	
cis-1,2-Dichloroethene	µg/m³	0.70	ND	0.72	ND	0.86	ND
n-Hexane	µg/m³	11		2.1		1.7	
Chloroform	µg/m³	0.70	ND	1.3		1.3	
1,2-Dichloroethane	µg/m³	0.70	ND	0.72	ND	0.86	ND
1,1,1-Trichloroethane	µg/m³	0.70	ND	0.72	ND	0.86	ND
Benzene	µg/m³	2.4		2.3		2.1	
Carbon Tetrachloride	µg/m³	0.17		0.42		0.39	
Cyclohexane	µg/m³	3.8		0.72	ND	0.86	ND
1,2-Dichloropropane	µg/m³	0.70	ND	0.72	ND	0.86	ND
Bromodichloromethane	µg/m³	0.70	ND	0.72	ND	0.86	ND
Trichloroethene	µg/m³	0.17		0.14	ND	0.17	ND
1,4-Dioxane	µg/m³	0.70	ND	0.72	ND	0.86	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.70	ND	2.0		1.8	
cis-1,3-Dichloropropene	µg/m³	0.70	ND	0.72	ND	0.86	ND
trans-1,3-Dichloropropene	µg/m³	0.70	ND	0.72	ND	0.86	ND
1,1,2-Trichloroethane	µg/m³	0.70	ND	0.72	ND	0.86	ND
Toluene	µg/m³	15		17		13	
2-Hexanone	µg/m³	0.70	ND	0.72	ND	0.86	ND
Dibromochloromethane	µg/m³	0.70	ND	0.72	ND	0.86	ND
1,2-Dibromoethane	µg/m³	0.70	ND	0.72	ND	0.86	ND
Tetrachloroethene	µg/m³	5.0		0.72	ND	0.86	ND
Chlorobenzene	µg/m³	0.70	ND	0.72	ND	0.86	ND
Ethylbenzene	µg/m³	1.7		2.1		1.9	
m,p -Xylenes	µg/m³	12		9.3		8.0	
Bromoform	µg/m³	0.70	ND	0.72	ND	0.86	ND
Styrene	µg/m³	0.70	ND	0.72	ND	0.86	ND
o-Xylene	µg/m³	3.3		2.7		2.4	
1,1,2,2-Tetrachloroethane	µg/m³	0.70	ND	0.72	ND	0.86	ND
1,3,5-Trimethylbenzene	µg/m³	2.1		0.77		0.86	ND
1,2,4-Trimethylbenzene	µg/m³	5.6		2.9		2.5	
Benzyl Chloride	µg/m³	0.70	ND	0.72	ND	0.86	ND
1,3-Dichlorobenzene	µg/m³	0.70	ND	0.72	ND	0.86	ND
1,4-Dichlorobenzene	µg/m³	0.70	ND	0.72	ND	0.86	ND
1,2-Dichlorobenzene	µg/m³	0.70	ND	0.72	ND	0.86	ND
1,2,4-Trichlorobenzene	µg/m³	0.70	ND	0.72	ND	0.86	ND
Hexachlorobutadiene	µg/m³	0.70	ND	0.72	ND	0.86	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-35-041107		MRS-BA-35-041107		MRS-FA-35-041107		MRS-OA-35-041107	
	Sample Date	Apr-11-2007		Apr-11-2007		Apr-11-2007		Apr-11-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	3.3		2.2		2.3		2.3	
Chloromethane	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Vinyl Chloride	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Bromomethane	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Chloroethane	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Ethanol	µg/m³	6.8	JND	53		210		7.7	JND
Acetone	µg/m³	18	J	17	J	31	J	7.7	ND
Trichlorofluoromethane	µg/m³	3.2		6.7		5.8		1.1	
1,1-Dichloroethene	µg/m³	2.8		0.80	ND	0.85	ND	0.77	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.68	JND	0.80	JND	4.7		0.77	JND
Methylene chloride	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Trichlorotrifluoroethane	µg/m³	1.3		0.80	ND	0.85	ND	0.77	ND
trans-1,2-Dichloroethene	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
1,1-Dichloroethane	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Methyl tert-Butyl Ether	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
2-Butanone (MEK)	µg/m³	3.0		4.6		7.3		0.99	
cis-1,2-Dichloroethene	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
n-Hexane	µg/m³	32		10		7.1		0.77	ND
Chloroform	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
1,2-Dichloroethane	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
1,1,1-Trichloroethane	µg/m³	190		1.9		1.1		0.77	ND
Benzene	µg/m³	7.4		6.9		5.0		0.77	ND
Carbon Tetrachloride	µg/m³	0.18		0.39		0.39		0.38	
Cyclohexane	µg/m³	12		2.0		1.4		0.77	ND
1,2-Dichloropropane	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Bromodichloromethane	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Trichloroethene	µg/m³	0.40		0.16	ND	0.17	ND	0.15	ND
1,4-Dioxane	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	1.1		3.9		2.7		0.77	ND
cis-1,3-Dichloropropene	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
trans-1,3-Dichloropropene	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
1,1,2-Trichloroethane	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Toluene	µg/m³	28		44		34		0.77	ND
2-Hexanone	µg/m³	0.68	ND	0.80	ND	1.9		0.77	ND
Dibromochloromethane	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
1,2-Dibromoethane	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Tetrachloroethene	µg/m³	4.4		0.80	ND	0.85	ND	0.77	ND
Chlorobenzene	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Ethylbenzene	µg/m³	4.1		5.3		3.9		0.77	ND
m,p -Xylenes	µg/m³	29		25		18		0.77	ND
Bromoform	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Styrene	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
o-Xylene	µg/m³	7.5		7.8		5.8		0.77	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
1,3,5-Trimethylbenzene	µg/m³	4.4		1.4		1.1		0.77	ND
1,2,4-Trimethylbenzene	µg/m³	11		6.1		4.9		0.77	ND
Benzyl Chloride	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
1,3-Dichlorobenzene	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
1,4-Dichlorobenzene	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
1,2-Dichlorobenzene	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
1,2,4-Trichlorobenzene	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND
Hexachlorobutadiene	µg/m³	0.68	ND	0.80	ND	0.85	ND	0.77	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-36-041207		MRS-BA-36-041207		MRS-FA-36-041207		MRS-OA-36-041207	
	Sample Date	Apr-12-2007		Apr-12-2007		Apr-12-2007		Apr-12-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	3.1		4.2		3.6		2.3	
Chloromethane	µg/m³	0.68	ND	0.77	ND	0.95		0.71	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Vinyl Chloride	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Bromomethane	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Chloroethane	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Ethanol	µg/m³	83		450		1,200		7.1	JND
Acetone	µg/m³	32	J	36	J	45	J	7.1	ND
Trichlorofluoromethane	µg/m³	1.7		2.3		3.0		1.1	
1,1-Dichloroethene	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.99		0.77	JND	0.70	JND	0.71	JND
Methylene chloride	µg/m³	1.1		3.9		2.3		0.71	ND
Trichlorotrifluoroethane	µg/m³	0.97		1.5		1.0		0.71	ND
trans-1,2-Dichloroethene	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
1,1-Dichloroethane	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Methyl tert-Butyl Ether	µg/m³	0.68	ND	0.77	ND	0.71		0.71	ND
2-Butanone (MEK)	µg/m³	2.9		4.0		4.3		0.95	
cis-1,2-Dichloroethene	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
n-Hexane	µg/m³	45		1.7		3.6		0.71	ND
Chloroform	µg/m³	0.99		0.77	ND	1.0		0.71	ND
1,2-Dichloroethane	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
1,1,1-Trichloroethane	µg/m³	1.8		3.1		1.5		0.71	ND
Benzene	µg/m³	9.7		1.2		2.3		0.86	
Carbon Tetrachloride	µg/m³	0.36		0.54		0.69		0.40	
Cyclohexane	µg/m³	16		0.77	ND	0.82		0.71	ND
1,2-Dichloropropane	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Bromodichloromethane	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Trichloroethene	µg/m³	0.14	ND	0.15	ND	0.14	ND	0.14	ND
1,4-Dioxane	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.68	ND	0.77	ND	1.7		0.71	ND
cis-1,3-Dichloropropene	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
trans-1,3-Dichloropropene	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
1,1,2-Trichloroethane	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Toluene	µg/m³	28		16		24		1.3	
2-Hexanone	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Dibromochloromethane	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
1,2-Dibromoethane	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Tetrachloroethene	µg/m³	5.1		0.77	ND	0.70	ND	0.71	ND
Chlorobenzene	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Ethylbenzene	µg/m³	3.4		1.8		3.5		0.71	ND
m,p -Xylenes	µg/m³	30		7.7		15		0.71	ND
Bromoform	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Styrene	µg/m³	0.68	ND	0.77	ND	1.2		0.71	ND
o-Xylene	µg/m³	7.8		2.4		4.6		0.71	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
1,3,5-Trimethylbenzene	µg/m³	4.8		0.82		1.5		0.71	ND
1,2,4-Trimethylbenzene	µg/m³	11		3.1		5.9		0.71	ND
Benzyl Chloride	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
1,3-Dichlorobenzene	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
1,4-Dichlorobenzene	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
1,2-Dichlorobenzene	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
1,2,4-Trichlorobenzene	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND
Hexachlorobutadiene	µg/m³	0.68	ND	0.77	ND	0.70	ND	0.71	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-37-041207		MRS-BA-37-041207		MRS-FA-37-041207	
	Sample Date	Apr-12-2007		Apr-12-2007		Apr-12-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	2.3		2.2		2.3	
Chloromethane	µg/m³	0.72	ND	0.96	ND	0.76	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.72	ND	0.96	ND	0.69	ND
Vinyl Chloride	µg/m³	0.72	ND	0.96	ND	0.69	ND
Bromomethane	µg/m³	0.72	ND	0.96	ND	0.69	ND
Chloroethane	µg/m³	0.72	ND	0.96	ND	0.69	ND
Ethanol	µg/m³	7.2	JND	26		170	
Acetone	µg/m³	15	J	14	J	30	J
Trichlorofluoromethane	µg/m³	1.3		1.3		2.0	
1,1-Dichloroethene	µg/m³	0.72	ND	0.96	ND	0.69	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.72	JND	0.96	JND	3.1	
Methylene chloride	µg/m³	0.72	ND	1.0		1.0	
Trichlorotrifluoroethane	µg/m³	0.72	ND	0.96	ND	0.69	ND
trans-1,2-Dichloroethene	µg/m³	0.72	ND	0.96	ND	0.69	ND
1,1-Dichloroethane	µg/m³	0.72	ND	0.96	ND	0.69	ND
Methyl tert-Butyl Ether	µg/m³	0.72	ND	0.96	ND	0.69	ND
2-Butanone (MEK)	µg/m³	2.2		2.7		3.2	
cis-1,2-Dichloroethene	µg/m³	0.72	ND	0.96	ND	0.69	ND
n-Hexane	µg/m³	9.3		0.96	ND	1.2	
Chloroform	µg/m³	2.2		0.96	ND	2.5	
1,2-Dichloroethane	µg/m³	0.72	ND	0.96	ND	0.69	ND
1,1,1-Trichloroethane	µg/m³	0.72	ND	0.96	ND	0.69	ND
Benzene	µg/m³	2.4		0.96	ND	1.3	
Carbon Tetrachloride	µg/m³	0.29		0.40		0.61	
Cyclohexane	µg/m³	5.5		0.96	ND	0.69	ND
1,2-Dichloropropane	µg/m³	0.72	ND	0.96	ND	0.69	ND
Bromodichloromethane	µg/m³	0.72	ND	0.96	ND	0.69	ND
Trichloroethene	µg/m³	0.14	ND	0.19	ND	0.14	ND
1,4-Dioxane	µg/m³	0.72	ND	0.96	ND	0.69	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.72	ND	0.96	ND	0.69	ND
cis-1,3-Dichloropropene	µg/m³	0.72	ND	0.96	ND	0.69	ND
trans-1,3-Dichloropropene	µg/m³	0.72	ND	0.96	ND	0.69	ND
1,1,2-Trichloroethane	µg/m³	0.72	ND	0.96	ND	0.69	ND
Toluene	µg/m³	7.9		4.2		7.2	
2-Hexanone	µg/m³	0.72	ND	0.96	ND	0.69	ND
Dibromochloromethane	µg/m³	0.72	ND	0.96	ND	0.69	ND
1,2-Dibromoethane	µg/m³	0.72	ND	0.96	ND	0.69	ND
Tetrachloroethene	µg/m³	5.6		0.96	ND	0.69	ND
Chlorobenzene	µg/m³	0.72	ND	0.96	ND	0.69	ND
Ethylbenzene	µg/m³	1.2		0.96	ND	0.75	
m,p-Xylenes	µg/m³	8.1		2.0		3.0	
Bromoform	µg/m³	0.72	ND	0.96	ND	0.69	ND
Styrene	µg/m³	0.72	ND	0.96	ND	0.69	ND
o-Xylene	µg/m³	2.3		0.96	ND	0.95	
1,1,2,2-Tetrachloroethane	µg/m³	0.72	ND	0.96	ND	0.69	ND
1,3,5-Trimethylbenzene	µg/m³	1.2		0.96	ND	0.69	ND
1,2,4-Trimethylbenzene	µg/m³	3.2		0.96	ND	0.71	
Benzyl Chloride	µg/m³	0.72	ND	0.96	ND	0.69	ND
1,3-Dichlorobenzene	µg/m³	0.72	ND	0.96	ND	0.69	ND
1,4-Dichlorobenzene	µg/m³	0.72	ND	0.96	ND	0.69	ND
1,2-Dichlorobenzene	µg/m³	0.72	ND	0.96	ND	0.69	ND
1,2,4-Trichlorobenzene	µg/m³	0.72	ND	0.96	ND	0.69	ND
Hexachlorobutadiene	µg/m³	0.72	ND	0.96	ND	0.69	ND

Notes:
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-38-041207		MRS-BA-38-041207		MRS-FA-38-041207		MRS-OA-38-041207	
	Sample Date	Apr-12-2007		Apr-12-2007		Apr-12-2007		Apr-12-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.6		2.3		2.3		2.4	
Chloromethane	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Vinyl Chloride	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Bromomethane	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Chloroethane	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Ethanol	µg/m³	32		8.1		13		6.2	UJ
Acetone	µg/m³	75		17	J	9.8	J	8.0	
Trichlorofluoromethane	µg/m³	1.9		1.2		1.1		1.1	
1,1-Dichloroethene	µg/m³	33		0.67	ND	0.72	ND	0.62	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	7.1		0.67	UJ	0.72	UJ	0.62	UJ
Methylene chloride	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Trichlorotrifluoroethane	µg/m³	1.2		0.67	ND	0.72	ND	0.62	ND
trans-1,2-Dichloroethene	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
1,1-Dichloroethane	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Methyl tert-Butyl Ether	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
2-Butanone (MEK)	µg/m³	7.1		2.4		1.1		1.6	
cis-1,2-Dichloroethene	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
n-Hexane	µg/m³	20		1.5		0.96	NJ	0.62	ND
Chloroform	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
1,2-Dichloroethane	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
1,1,1-Trichloroethane	µg/m³	160		2.8		1.0		0.62	ND
Benzene	µg/m³	5.8	J	0.67	ND	0.77	J	0.73	J
Carbon Tetrachloride	µg/m³	0.44		0.41		0.42		0.41	
Cyclohexane	µg/m³	6.8		0.67	ND	0.72	ND	0.62	ND
1,2-Dichloropropane	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Bromodichloromethane	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Trichloroethene	µg/m³	18		0.38		0.16		3.7	
1,4-Dioxane	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
cis-1,3-Dichloropropene	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
trans-1,3-Dichloropropene	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
1,1,2-Trichloroethane	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Toluene	µg/m³	19		2.9		2.5		1.2	
2-Hexanone	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Dibromochloromethane	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
1,2-Dibromoethane	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Tetrachloroethene	µg/m³	4.2		0.67	ND	0.72	ND	0.62	ND
Chlorobenzene	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Ethylbenzene	µg/m³	2.3		0.67	ND	0.72	ND	0.62	ND
m,p -Xylenes	µg/m³	21		1.8		2.1		1.1	
Bromoform	µg/m³	0.69	UJ	0.67	UJ	0.72	UJ	0.62	UJ
Styrene	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
o-Xylene	µg/m³	5.2		0.67	ND	0.72	ND	0.62	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
1,3,5-Trimethylbenzene	µg/m³	2.9		0.67	ND	0.72	ND	0.62	ND
1,2,4-Trimethylbenzene	µg/m³	6.8		0.67	ND	0.72	ND	0.62	ND
Benzyl Chloride	µg/m³	0.69	UJ	0.67	UJ	0.72	UJ	0.62	UJ
1,3-Dichlorobenzene	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
1,4-Dichlorobenzene	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
1,2-Dichlorobenzene	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
1,2,4-Trichlorobenzene	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND
Hexachlorobutadiene	µg/m³	0.69	ND	0.67	ND	0.72	ND	0.62	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
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VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-39-041307		MRS-BA-39-041307		MRS-FA-39-041307	
	Sample Date	Apr-13-2007		Apr-13-2007		Apr-13-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	2.2		2.2		8.5	ND
Chloromethane	µg/m³	0.70	ND	0.82	ND	8.5	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.70	ND	0.82	ND	8.5	ND
Vinyl Chloride	µg/m³	0.70	ND	0.82	ND	8.5	ND
Bromomethane	µg/m³	0.70	ND	0.82	ND	8.5	ND
Chloroethane	µg/m³	0.70	ND	0.82	ND	8.5	ND
Ethanol	µg/m³	12		390		2,800	
Acetone	µg/m³	10	J	37	J	85	ND
Trichlorofluoromethane	µg/m³	1.5		1.5		8.5	ND
1,1-Dichloroethene	µg/m³	0.70	ND	0.82	ND	8.5	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.70	UJ	0.82	UJ	8.5	UJ
Methylene chloride	µg/m³	0.70	ND	0.99		8.5	ND
Trichlorotrifluoroethane	µg/m³	0.70	ND	0.82	ND	8.5	ND
trans-1,2-Dichloroethene	µg/m³	0.70	ND	0.82	ND	8.5	ND
1,1-Dichloroethane	µg/m³	0.70	ND	0.82	ND	8.5	ND
Methyl tert-Butyl Ether	µg/m³	0.70	ND	0.82	ND	8.5	ND
2-Butanone (MEK)	µg/m³	4.2		9.2		8.5	ND
cis-1,2-Dichloroethene	µg/m³	0.70	ND	0.82	ND	8.5	ND
n-Hexane	µg/m³	9.1		4.9		9.5	
Chloroform	µg/m³	0.70	ND	0.88		8.5	ND
1,2-Dichloroethane	µg/m³	0.70	ND	0.82	ND	8.5	ND
1,1,1-Trichloroethane	µg/m³	0.73		0.88		8.5	ND
Benzene	µg/m³	0.72	J	4.5	J	9.9	J
Carbon Tetrachloride	µg/m³	0.39		0.34		1.7	ND
Cyclohexane	µg/m³	3.8		1.5		8.5	ND
1,2-Dichloropropane	µg/m³	0.70	ND	0.82	ND	8.5	ND
Bromodichloromethane	µg/m³	0.70	ND	0.82	ND	8.5	ND
Trichloroethene	µg/m³	0.78		0.25		1.7	ND
1,4-Dioxane	µg/m³	0.70	ND	0.82	ND	8.5	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.70	ND	0.82	ND	8.5	ND
cis-1,3-Dichloropropene	µg/m³	0.70	ND	0.82	ND	8.5	ND
trans-1,3-Dichloropropene	µg/m³	0.70	ND	0.82	ND	8.5	ND
1,1,2-Trichloroethane	µg/m³	0.70	ND	0.82	ND	8.5	ND
Toluene	µg/m³	22		35		54	
2-Hexanone	µg/m³	0.70	ND	0.82	ND	8.5	ND
Dibromochloromethane	µg/m³	0.70	ND	0.82	ND	8.5	ND
1,2-Dibromoethane	µg/m³	0.70	ND	0.82	ND	8.5	ND
Tetrachloroethene	µg/m³	9.6		9.0		10	
Chlorobenzene	µg/m³	0.70	ND	0.82	ND	8.5	ND
Ethylbenzene	µg/m³	0.70	ND	3.2		8.5	ND
m,p -Xylenes	µg/m³	3.6		12		21	
Bromoform	µg/m³	0.70	UJ	0.82	UJ	8.5	UJ
Styrene	µg/m³	0.70	ND	0.82	ND	8.5	ND
o-Xylene	µg/m³	1.1		3.8		8.5	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.70	ND	0.82	ND	8.5	ND
1,3,5-Trimethylbenzene	µg/m³	0.95		1.2		8.5	ND
1,2,4-Trimethylbenzene	µg/m³	2.6		5.1		8.5	ND
Benzyl Chloride	µg/m³	0.70	UJ	0.82	UJ	8.5	UJ
1,3-Dichlorobenzene	µg/m³	0.70	ND	0.82	ND	8.5	ND
1,4-Dichlorobenzene	µg/m³	0.70	ND	0.82	ND	8.5	ND
1,2-Dichlorobenzene	µg/m³	0.70	ND	0.82	ND	8.5	ND
1,2,4-Trichlorobenzene	µg/m³	0.70	ND	0.82	ND	8.5	ND
Hexachlorobutadiene	µg/m³	0.70	ND	0.82	ND	8.5	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-40-041307		MRS-BA-40-041307		MRS-FA-40-041307		MRS-OA-40-041307	
	Sample Date	Apr-13-2007		Apr-13-2007		Apr-13-2007		Apr-13-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.2		2.2		2.3		2.3	
Chloromethane	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
Vinyl Chloride	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
Bromomethane	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
Chloroethane	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
Ethanol	µg/m³	7.3		380		550		7.2	UJ
Acetone	µg/m³	9.7	J	29		31		7.2	ND
Trichlorofluoromethane	µg/m³	62		2.9		2.0		1.1	
1,1-Dichloroethene	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.63	UJ	0.75	J	1.0	NJ	0.72	UJ
Methylene chloride	µg/m³	0.63	ND	2.0		1.3		0.72	ND
Trichlorotrifluoroethane	µg/m³	0.66		0.64	ND	0.76	ND	0.72	ND
trans-1,2-Dichloroethene	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
1,1-Dichloroethane	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
Methyl tert-Butyl Ether	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
2-Butanone (MEK)	µg/m³	4.4		10		8.3		1.8	
cis-1,2-Dichloroethene	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
n-Hexane	µg/m³	6.9		1.4		1.3		0.75	
Chloroform	µg/m³	0.63	ND	0.81		0.96		0.72	ND
1,2-Dichloroethane	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
1,1,1-Trichloroethane	µg/m³	8.1		0.75		0.76	ND	0.72	ND
Benzene	µg/m³	2.1	J	1.6	J	1.3	J	0.72	ND
Carbon Tetrachloride	µg/m³	0.13	ND	0.38		0.45		0.41	
Cyclohexane	µg/m³	3.8		0.64	ND	0.76	ND	0.72	ND
1,2-Dichloropropane	µg/m³	0.63	ND	0.64	ND	1.0		0.72	ND
Bromodichloromethane	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
Trichloroethene	µg/m³	0.56		0.13	ND	0.15	ND	0.20	
1,4-Dioxane	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
cis-1,3-Dichloropropene	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
trans-1,3-Dichloropropene	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
1,1,2-Trichloroethane	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
Toluene	µg/m³	24		17		19		4.6	
2-Hexanone	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
Dibromochloromethane	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
1,2-Dibromoethane	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
Tetrachloroethene	µg/m³	2.7		0.64	ND	0.76	ND	0.72	ND
Chlorobenzene	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
Ethylbenzene	µg/m³	1.1		2.2		2.4		0.72	ND
m,p -Xylenes	µg/m³	10		8.9		9.7		0.72	ND
Bromoform	µg/m³	0.63	UJ	0.64	UJ	0.76	UJ	0.72	UJ
Styrene	µg/m³	0.63	ND	0.66		0.76	ND	7.7	
o-Xylene	µg/m³	2.9		2.7		3.0		0.72	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
1,3,5-Trimethylbenzene	µg/m³	2.3		0.64	ND	0.76	ND	0.72	ND
1,2,4-Trimethylbenzene	µg/m³	6.2		1.7		1.6		0.72	ND
Benzyl Chloride	µg/m³	0.63	UJ	0.64	UJ	0.76	UJ	0.72	UJ
1,3-Dichlorobenzene	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
1,4-Dichlorobenzene	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
1,2-Dichlorobenzene	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
1,2,4-Trichlorobenzene	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND
Hexachlorobutadiene	µg/m³	0.63	ND	0.64	ND	0.76	ND	0.72	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-41-041307		MRS-BA-41-041307		Duplicate of MRS-BA-41-041307		MRS-FA-41-041307		MRS-OA-41-041307	
	Sample Date	Apr-13-2007		Apr-13-2007		Apr-13-2007		Apr-13-2007		Apr-13-2007	
COMPOUND	**UNIT**										
Dichlorodifluoromethane (CFC 12)	µg/m³	2.2		2.2		2.2		2.1		2.2	
Chloromethane	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.70	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
Vinyl Chloride	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
Bromomethane	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
Chloroethane	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
Ethanol	µg/m³	15		880		920		1,800		6.1	UJ
Acetone	µg/m³	8.8	J	33	J	37	J	46		9.8	
Trichlorofluoromethane	µg/m³	1.0		1.3		1.4	ND	1.2		1.1	
1,1-Dichloroethene	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.62	UJ	0.79	UJ	1.4	UJ	1.3		0.61	UJ
Methylene chloride	µg/m³	0.62	ND	5.3		5.0		4.2		0.61	ND
Trichlorotrifluoroethane	µg/m³	0.62		0.79	ND	1.4	ND	0.78	ND	0.61	ND
trans-1,2-Dichloroethene	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
1,1-Dichloroethane	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
Methyl tert-Butyl Ether	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
2-Butanone (MEK)	µg/m³	2.8		5.6		3.5		6.8		3.0	
cis-1,2-Dichloroethene	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
n-Hexane	µg/m³	5.0		4.2		4.3		5.3		0.70	
Chloroform	µg/m³	0.62	ND	2.0		2.0		2.5		0.61	ND
1,2-Dichloroethane	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
1,1,1-Trichloroethane	µg/m³	0.84		0.79		1.4	ND	0.78	ND	0.61	ND
Benzene	µg/m³	1.1	J	3.2	J	3.2	J	3.8	J	0.61	ND
Carbon Tetrachloride	µg/m³	0.12	ND	0.39		0.38		0.40		0.42	
Cyclohexane	µg/m³	2.5		0.79	ND	1.4	ND	0.91		0.61	ND
1,2-Dichloropropane	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
Bromodichloromethane	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
Trichloroethene	µg/m³	1.4		0.53		0.58		0.46		0.17	
1,4-Dioxane	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.90		0.61	ND
cis-1,3-Dichloropropene	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
trans-1,3-Dichloropropene	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
1,1,2-Trichloroethane	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
Toluene	µg/m³	20		33		29		64		3.2	
2-Hexanone	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
Dibromochloromethane	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
1,2-Dibromoethane	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
Tetrachloroethene	µg/m³	5.0		0.79	ND	1.4	ND	0.78	ND	0.61	ND
Chlorobenzene	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
Ethylbenzene	µg/m³	0.62	ND	2.3		2.1		2.9		0.61	ND
m,p -Xylenes	µg/m³	4.8		11		10		14		0.61	ND
Bromoform	µg/m³	0.62	UJ	0.79	UJ	1.4	UJ	0.78	UJ	0.61	UJ
Styrene	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
o-Xylene	µg/m³	1.4		3.3		3.1		4.1		0.61	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
1,3,5-Trimethylbenzene	µg/m³	0.91		0.87		1.4	ND	1.1		0.61	ND
1,2,4-Trimethylbenzene	µg/m³	2.5		3.7		3.3		4.7		0.61	ND
Benzyl Chloride	µg/m³	0.62	UJ	0.79	UJ	1.4	UJ	0.78	UJ	0.61	UJ
1,3-Dichlorobenzene	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
1,4-Dichlorobenzene	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
1,2-Dichlorobenzene	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
1,2,4-Trichlorobenzene	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND
Hexachlorobutadiene	µg/m³	0.62	ND	0.79	ND	1.4	ND	0.78	ND	0.61	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-42-041607		MRS-BA-42-041607		MRS-FA-42-041607	
	Sample Date	Apr-16-2007		Apr-16-2007		Apr-16-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	2.7		2.0		2.1	
Chloromethane	µg/m³	0.66	ND	0.90	J	1.3	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.66	ND	0.77	ND	1.3	ND
Vinyl Chloride	µg/m³	0.66	ND	0.77	ND	1.3	ND
Bromomethane	µg/m³	0.66	ND	0.77	ND	1.3	ND
Chloroethane	µg/m³	0.66	ND	0.77	ND	1.3	ND
Ethanol	µg/m³	6.6	UJ	160		320	
Acetone	µg/m³	22		92		89	
Trichlorofluoromethane	µg/m³	1.3		1.1		1.3	ND
1,1-Dichloroethene	µg/m³	0.66	ND	0.77	ND	1.3	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.66	UJ	15	J	8.8	J
Methylene chloride	µg/m³	0.66	ND	0.77	ND	1.3	ND
Trichlorotrifluoroethane	µg/m³	0.92		0.77	ND	1.3	ND
trans-1,2-Dichloroethene	µg/m³	0.66	ND	0.77	ND	1.3	ND
1,1-Dichloroethane	µg/m³	0.66	ND	0.77	ND	1.3	ND
Methyl tert-Butyl Ether	µg/m³	0.66	ND	0.77	ND	1.3	ND
2-Butanone (MEK)	µg/m³	2.2		14		14	
cis-1,2-Dichloroethene	µg/m³	0.66	ND	0.77	ND	1.3	ND
n-Hexane	µg/m³	5.2		34		1.3	
Chloroform	µg/m³	0.66	ND	0.77	ND	1.3	ND
1,2-Dichloroethane	µg/m³	0.66	ND	0.77	ND	1.3	ND
1,1,1-Trichloroethane	µg/m³	0.69		0.77	ND		ND
Benzene	µg/m³	1.2	J	4.1	J	2.2	J
Carbon Tetrachloride	µg/m³	0.27		0.38		0.29	
Cyclohexane	µg/m³	2.3		30		21	
1,2-Dichloropropane	µg/m³	0.66	ND	0.77	ND	1.3	ND
Bromodichloromethane	µg/m³	0.66	ND	0.77	ND	1.3	ND
Trichloroethene	µg/m³	0.13	ND	0.15	ND	0.26	ND
1,4-Dioxane	µg/m³	0.66	ND	0.77	ND	1.3	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.66	ND	0.77	ND	1.3	ND
cis-1,3-Dichloropropene	µg/m³	0.66	ND	0.77	ND	1.3	ND
trans-1,3-Dichloropropene	µg/m³	0.66	ND	0.77	ND	1.3	ND
1,1,2-Trichloroethane	µg/m³	0.66	ND	0.77	ND	1.3	ND
Toluene	µg/m³	7.9		200		140	
2-Hexanone	µg/m³	0.66	ND	0.77	ND	1.3	ND
Dibromochloromethane	µg/m³	0.66	ND	0.77	ND	1.3	ND
1,2-Dibromoethane	µg/m³	0.66	ND	0.77	ND	1.3	ND
Tetrachloroethene	µg/m³	3.3		0.77	ND	1.3	ND
Chlorobenzene	µg/m³	0.66	ND	0.77	ND	1.3	ND
Ethylbenzene	µg/m³	0.85		2.9		3.3	
m,p -Xylenes	µg/m³	4.8		7.6		10	
Bromoform	µg/m³	0.66	UJ	0.77	UJ	1.3	UJ
Styrene	µg/m³	0.66	ND	3.6		2.7	
o-Xylene	µg/m³	1.6		2.5		3.3	
1,1,2,2-Tetrachloroethane	µg/m³	0.66	ND	0.77	ND	1.3	ND
1,3,5-Trimethylbenzene	µg/m³	0.81		0.77	ND	1.3	ND
1,2,4-Trimethylbenzene	µg/m³	2.5		1.2		1.8	
Benzyl Chloride	µg/m³	0.66	UJ	0.77	UJ	1.3	UJ
1,3-Dichlorobenzene	µg/m³	0.66	ND	0.77	ND	1.3	ND
1,4-Dichlorobenzene	µg/m³	0.66	ND	0.77	ND	1.3	ND
1,2-Dichlorobenzene	µg/m³	0.66	ND	0.77	ND	1.3	ND
1,2,4-Trichlorobenzene	µg/m³	0.66	ND	0.77	ND	1.3	ND
Hexachlorobutadiene	µg/m³	0.66	ND	0.77	ND	1.3	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
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J: Estimated
NJ: Tentative in identification and estimated by data validator
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-43-041607		MRS-BA-43-041607		MRS-FA-43-041607	
	Sample Date	Apr-16-2007		Apr-16-2007		Apr-16-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	2.3		2.3		2.2	
Chloromethane	µg/m³	0.62	ND	0.63	ND	0.82	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.62	ND	0.63	ND	0.82	ND
Vinyl Chloride	µg/m³	0.62	ND	0.63	ND	0.82	ND
Bromomethane	µg/m³	0.62	ND	0.63	ND	0.82	ND
Chloroethane	µg/m³	0.62	ND	0.63	ND	0.82	ND
Ethanol	µg/m³	8.8		96		690	
Acetone	µg/m³	22		14	J	37	J
Trichlorofluoromethane	µg/m³	1.3		2.4		2.3	
1,1-Dichloroethene	µg/m³	0.62	ND	0.63	ND	0.82	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.62	UJ	0.63	UJ	2.0	J
Methylene chloride	µg/m³	0.62	ND	16		8.9	
Trichlorotrifluoroethane	µg/m³	0.62	ND	0.63	ND	0.82	ND
trans-1,2-Dichloroethene	µg/m³	0.62	ND	0.63	ND	0.82	ND
1,1-Dichloroethane	µg/m³	0.62	ND	0.63	ND	0.82	ND
Methyl tert-Butyl Ether	µg/m³	0.62	ND	0.63	ND	0.82	ND
2-Butanone (MEK)	µg/m³	2.9		1.9		5.1	
cis-1,2-Dichloroethene	µg/m³	0.62	ND	0.63	ND	0.82	ND
n-Hexane	µg/m³	4.2		2.7		2.8	
Chloroform	µg/m³	450		0.91		0.96	
1,2-Dichloroethane	µg/m³	0.62	ND	0.63	ND	0.82	ND
1,1,1-Trichloroethane	µg/m³	0.62	ND	0.63	ND	0.82	ND
Benzene	µg/m³	1.2	J	2.3	J	2.5	J
Carbon Tetrachloride	µg/m³	0.14		0.37		0.37	
Cyclohexane	µg/m³	1.0		0.63	ND	0.82	ND
1,2-Dichloropropane	µg/m³	0.62	ND	0.63	ND	0.82	ND
Bromodichloromethane	µg/m³	1.2		0.63	ND	0.82	ND
Trichloroethene	µg/m³	0.15		0.13	ND	0.16	ND
1,4-Dioxane	µg/m³	0.62	ND	0.63	ND	0.82	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.62	ND	1.3		1.5	
cis-1,3-Dichloropropene	µg/m³	0.62	ND	0.63	ND	0.82	ND
trans-1,3-Dichloropropene	µg/m³	0.62	ND	0.63	ND	0.82	ND
1,1,2-Trichloroethane	µg/m³	0.62	ND	0.63	ND	0.82	ND
Toluene	µg/m³	4.7		17		19	
2-Hexanone	µg/m³	0.62	ND	0.63	ND	0.82	ND
Dibromochloromethane	µg/m³	0.62	ND	0.63	ND	0.82	ND
1,2-Dibromoethane	µg/m³	0.62	ND	0.63	ND	0.82	ND
Tetrachloroethene	µg/m³	2.2		0.63	ND	0.82	ND
Chlorobenzene	µg/m³	0.62	ND	0.63	ND	0.82	ND
Ethylbenzene	µg/m³	0.62	ND	2.2		2.3	
m,p -Xylenes	µg/m³	5.1		9.3		9.5	
Bromoform	µg/m³	0.62	UJ	0.63	UJ	0.82	UJ
Styrene	µg/m³	0.62	ND	0.63	ND	0.82	ND
o-Xylene	µg/m³	1.6		2.8		2.9	
1,1,2,2-Tetrachloroethane	µg/m³	0.62	ND	0.63	ND	0.82	ND
1,3,5-Trimethylbenzene	µg/m³	0.93		0.63	ND	0.82	ND
1,2,4-Trimethylbenzene	µg/m³	2.1		1.7		1.9	
Benzyl Chloride	µg/m³	0.62	UJ	0.63	UJ	0.82	UJ
1,3-Dichlorobenzene	µg/m³	0.62	ND	0.63	ND	0.82	ND
1,4-Dichlorobenzene	µg/m³	0.62	ND	0.63	ND	0.82	ND
1,2-Dichlorobenzene	µg/m³	0.62	ND	0.63	ND	0.82	ND
1,2,4-Trichlorobenzene	µg/m³	0.62	ND	0.63	ND	0.82	ND
Hexachlorobutadiene	µg/m³	0.62	ND	0.63	ND	0.82	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-44-041607		MRS-BA-44-041607		MRS-FA-44-041607		MRS-OA-44-041607	
	Sample Date	Apr-16-2007		Apr-16-2007		Apr-16-2007		Apr-16-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.8		3.5		5.2		2.3	
Chloromethane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Vinyl Chloride	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Bromomethane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Chloroethane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Ethanol	µg/m³	6.2	UJ	300		1,700		10	
Acetone	µg/m³	6.2	ND	16	J	48	J	6.7	ND
Trichlorofluoromethane	µg/m³	1.1		3.0		10		1.0	
1,1-Dichloroethene	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.62	UJ	0.67	UJ	1.7	UJ	0.67	UJ
Methylene chloride	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Trichlorotrifluoroethane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
trans-1,2-Dichloroethene	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
1,1-Dichloroethane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Methyl tert-Butyl Ether	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
2-Butanone (MEK)	µg/m³	1.1		2.7		8.2		1.9	
cis-1,2-Dichloroethene	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
n-Hexane	µg/m³	4.6		1.8		2.2		0.67	ND
Chloroform	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
1,2-Dichloroethane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
1,1,1-Trichloroethane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Benzene	µg/m³	1.2	J	1.4	J	2.0	J	0.67	ND
Carbon Tetrachloride	µg/m³	0.12	ND	0.39		0.37		0.38	
Cyclohexane	µg/m³	1.7		0.67	ND	1.7	ND	0.67	ND
1,2-Dichloropropane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Bromodichloromethane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Trichloroethene	µg/m³	0.28		0.21		0.33	ND	0.13	ND
1,4-Dioxane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
cis-1,3-Dichloropropene	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
trans-1,3-Dichloropropene	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
1,1,2-Trichloroethane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Toluene	µg/m³	3.8		7.3		14		2.4	
2-Hexanone	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Dibromochloromethane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
1,2-Dibromoethane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Tetrachloroethene	µg/m³	2.9		0.67	ND	1.7	ND	0.67	ND
Chlorobenzene	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Ethylbenzene	µg/m³	0.62	ND	1.0		1.7	ND	0.67	ND
m,p -Xylenes	µg/m³	3.1		4.4		6.0		0.67	ND
Bromoform	µg/m³	0.62	UJ	0.67	UJ	1.7	UJ	0.67	UJ
Styrene	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
o-Xylene	µg/m³	0.62	ND	1.3		1.9		0.67	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
1,3,5-Trimethylbenzene	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
1,2,4-Trimethylbenzene	µg/m³	0.62	ND	1.4		1.8		0.67	ND
Benzyl Chloride	µg/m³	0.62	UJ	0.67	UJ	1.7	UJ	0.67	UJ
1,3-Dichlorobenzene	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
1,4-Dichlorobenzene	µg/m³	0.62	ND	2.3		1.7	ND	0.67	ND
1,2-Dichlorobenzene	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
1,2,4-Trichlorobenzene	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND
Hexachlorobutadiene	µg/m³	0.62	ND	0.67	ND	1.7	ND	0.67	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-45-041607		MRS-BA-45-041607		MRS-FA-45-041607	
	Sample Date	Apr-16-2007		Apr-16-2007		Apr-16-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	3.3		2.2		2.3	
Chloromethane	µg/m³	0.62	ND	0.86	J	0.84	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.62	ND	0.83	ND	0.71	ND
Vinyl Chloride	µg/m³	0.62	ND	0.83	ND	0.71	ND
Bromomethane	µg/m³	0.62	ND	0.83	ND	0.71	ND
Chloroethane	µg/m³	0.62	ND	0.83	ND	0.71	ND
Ethanol	µg/m³	17		240		450	
Acetone	µg/m³	14		38		33	
Trichlorofluoromethane	µg/m³	1.7		1.8		2.0	
1,1-Dichloroethene	µg/m³	0.62	ND	0.83	ND	0.71	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.62	UJ	0.83	UJ	0.71	UJ
Methylene chloride	µg/m³	0.62	ND	0.83	ND	0.71	ND
Trichlorotrifluoroethane	µg/m³	0.62	ND	0.83	ND	0.71	ND
trans-1,2-Dichloroethene	µg/m³	0.62	ND	0.83	ND	0.71	ND
1,1-Dichloroethane	µg/m³	0.62	ND	0.83	ND	0.71	ND
Methyl tert-Butyl Ether	µg/m³	0.62	ND	0.83	ND	0.71	ND
2-Butanone (MEK)	µg/m³	1.3		3.6		2.7	
cis-1,2-Dichloroethene	µg/m³	0.62	ND	0.83	ND	0.71	ND
n-Hexane	µg/m³	4.3		1.7		1.6	NJ
Chloroform	µg/m³	0.62	ND	1.1		1.8	
1,2-Dichloroethane	µg/m³	0.62	ND	0.83	ND	0.71	ND
1,1,1-Trichloroethane	µg/m³	0.62	ND	0.83	ND	0.71	ND
Benzene	µg/m³	0.98	J	1.1	J	1.1	J
Carbon Tetrachloride	µg/m³	0.25		0.39		0.40	
Cyclohexane	µg/m³	3.5		0.83	ND	0.80	
1,2-Dichloropropane	µg/m³	0.62	ND	0.83	ND	0.71	ND
Bromodichloromethane	µg/m³	0.62	ND	0.83	ND	0.71	ND
Trichloroethene	µg/m³	0.31		0.17	ND	0.14	ND
1,4-Dioxane	µg/m³	0.62	ND	0.83	ND	0.71	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.62	ND	0.83	ND	0.71	ND
cis-1,3-Dichloropropene	µg/m³	0.62	ND	0.83	ND	0.71	ND
trans-1,3-Dichloropropene	µg/m³	0.62	ND	0.83	ND	0.71	ND
1,1,2-Trichloroethane	µg/m³	0.62	ND	0.83	ND	0.71	ND
Toluene	µg/m³	3.0		6.8		6.7	
2-Hexanone	µg/m³	0.62	ND	0.83	ND	0.71	ND
Dibromochloromethane	µg/m³	0.62	ND	0.83	ND	0.71	ND
1,2-Dibromoethane	µg/m³	0.62	ND	0.83	ND	0.71	ND
Tetrachloroethene	µg/m³	3.4		0.83	ND	0.71	ND
Chlorobenzene	µg/m³	0.62	ND	0.83	ND	0.71	ND
Ethylbenzene	µg/m³	0.62	ND	2.4		1.5	
m,p -Xylenes	µg/m³	3.1		8.0		5.2	
Bromoform	µg/m³	0.62	UJ	0.83	UJ	0.71	UJ
Styrene	µg/m³	0.62	ND	0.83	ND	0.71	ND
o-Xylene	µg/m³	1.0		2.4		1.8	
1,1,2,2-Tetrachloroethane	µg/m³	0.62	ND	0.83	ND	0.71	ND
1,3,5-Trimethylbenzene	µg/m³	0.65		0.83	ND	0.71	ND
1,2,4-Trimethylbenzene	µg/m³	1.5		2.8		2.1	
Benzyl Chloride	µg/m³	0.62	UJ	0.83	UJ	0.71	UJ
1,3-Dichlorobenzene	µg/m³	0.62	ND	0.83	ND	0.71	ND
1,4-Dichlorobenzene	µg/m³	0.62	ND	0.83	ND	0.71	ND
1,2-Dichlorobenzene	µg/m³	0.62	ND	0.83	ND	0.71	ND
1,2,4-Trichlorobenzene	µg/m³	0.62	ND	0.83	ND	0.71	ND
Hexachlorobutadiene	µg/m³	0.62	ND	0.83	ND	0.71	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID Sample Date	MRS-SS-46-052107 May-21-2007		MRS-FA-46-041607 Apr-16-2007		MRS-OA-46-041607 Apr-16-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	1,600		33		2.4	
Chloromethane	µg/m³	0.60	ND	0.82	ND	0.82	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.60	ND	0.82	ND	0.82	ND
Vinyl Chloride	µg/m³	0.60	ND	0.82	ND	0.82	ND
Bromomethane	µg/m³	0.60	ND	0.82	ND	0.82	ND
Chloroethane	µg/m³	0.60	ND	0.82	ND	0.82	ND
Ethanol	µg/m³	7.7		39		8.2	UJ
Acetone	µg/m³	19	J	21	J	8.2	ND
Trichlorofluoromethane	µg/m³	1.2		2.8		1.1	
1,1-Dichloroethene	µg/m³	0.60	ND	0.82	ND	0.82	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.87	J	0.82	UJ	0.82	UJ
Methylene chloride	µg/m³	0.60	ND	2.8	NJ	0.82	ND
Trichlorotrifluoroethane	µg/m³	0.60	ND	0.82	ND	0.82	ND
trans-1,2-Dichloroethene	µg/m³	0.60	ND	0.82	ND	0.82	ND
1,1-Dichloroethane	µg/m³	0.60	ND	0.82	ND	0.82	ND
Methyl tert-Butyl Ether	µg/m³	0.60	ND	0.82	ND	0.82	ND
2-Butanone (MEK)	µg/m³	3.9		5.5		1.3	
cis-1,2-Dichloroethene	µg/m³	0.60	ND	0.82	ND	0.82	ND
n-Hexane	µg/m³	17		3.9		0.82	ND
Chloroform	µg/m³	0.60	ND	0.82	ND	0.82	ND
1,2-Dichloroethane	µg/m³	0.60	ND	0.82	ND	0.82	ND
1,1,1-Trichloroethane	µg/m³	2.1		0.82	ND	0.82	ND
Benzene	µg/m³	5.4		3.0	J	0.82	ND
Carbon Tetrachloride	µg/m³	0.28		0.38		0.37	
Cyclohexane	µg/m³	8.0		0.95		0.82	ND
1,2-Dichloropropane	µg/m³	0.60	ND	0.82	ND	0.82	ND
Bromodichloromethane	µg/m³	0.60	ND	0.82	ND	0.82	ND
Trichloroethene	µg/m³	0.18		0.16	ND	0.16	ND
1,4-Dioxane	µg/m³	0.60	ND	0.82	ND	0.82	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.60	ND	0.82	ND	0.82	ND
cis-1,3-Dichloropropene	µg/m³	0.60	ND	0.82	ND	0.82	ND
trans-1,3-Dichloropropene	µg/m³	0.60	ND	0.82	ND	0.82	ND
1,1,2-Trichloroethane	µg/m³	0.60	ND	0.82	ND	0.82	ND
Toluene	µg/m³	19		39		1.8	
2-Hexanone	µg/m³	0.60	ND	0.82	ND	0.82	ND
Dibromochloromethane	µg/m³	0.60	ND	0.82	ND	0.82	ND
1,2-Dibromoethane	µg/m³	0.60	ND	0.82	ND	0.82	ND
Tetrachloroethene	µg/m³	0.60	ND	0.82	ND	0.82	ND
Chlorobenzene	µg/m³	0.60	ND	0.82	ND	0.82	ND
Ethylbenzene	µg/m³	2.8		2.7		0.82	ND
m,p -Xylenes	µg/m³	29		11		0.82	ND
Bromoform	µg/m³	0.60	JND	0.82	UJ	0.82	UJ
Styrene	µg/m³	0.60	ND	0.82	ND	0.82	ND
o-Xylene	µg/m³	7.8		3.8		0.82	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.60	ND	0.82	ND	0.82	ND
1,3,5-Trimethylbenzene	µg/m³	6.4		0.82	ND	0.82	ND
1,2,4-Trimethylbenzene	µg/m³	14		2.1		0.82	ND
Benzyl Chloride	µg/m³	0.60	JND	0.82	UJ	0.82	UJ
1,3-Dichlorobenzene	µg/m³	0.60	ND	0.82	ND	0.82	ND
1,4-Dichlorobenzene	µg/m³	0.60	ND	0.82	ND	0.82	ND
1,2-Dichlorobenzene	µg/m³	0.60	ND	0.82	ND	0.82	ND
1,2,4-Trichlorobenzene	µg/m³	0.60	ND	0.82	ND	0.82	ND
Hexachlorobutadiene	µg/m³	0.60	ND	0.82	ND	0.82	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-47-041707		MRS-BA-47-041707		MRS-FA-47-041707	
	Sample Date	Apr-17-2007		Apr-17-2007		Apr-17-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	0.62		2.2		2.1	
Chloromethane	µg/m³	0.62	ND	0.75	ND	0.83	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.62	ND	0.75	ND	0.83	ND
Vinyl Chloride	µg/m³	0.62	ND	0.75	ND	0.83	ND
Bromomethane	µg/m³	0.62	ND	0.75	ND	0.83	ND
Chloroethane	µg/m³	0.62	ND	0.75	ND	0.83	ND
Ethanol	µg/m³	6.2	UJ	65		670	
Acetone	µg/m³	16	J	51	J	54	J
Trichlorofluoromethane	µg/m³	0.94		1.1		1.0	
1,1-Dichloroethene	µg/m³	0.62	ND	0.75	ND	0.83	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.62	UJ	27		0.94	
Methylene chloride	µg/m³	0.62	ND	0.76	NJ	0.83	ND
Trichlorotrifluoroethane	µg/m³	0.62	ND	0.75	ND	0.83	ND
trans-1,2-Dichloroethene	µg/m³	0.62	ND	0.75	ND	0.83	ND
1,1-Dichloroethane	µg/m³	0.62	ND	0.75	ND	0.83	ND
Methyl tert-Butyl Ether	µg/m³	0.62	ND	0.75	ND	0.83	ND
2-Butanone (MEK)	µg/m³	2.3		13		11	
cis-1,2-Dichloroethene	µg/m³	0.62	ND	0.75	ND	0.83	ND
n-Hexane	µg/m³	180		18		18	
Chloroform	µg/m³	0.62	ND	0.77		2.4	
1,2-Dichloroethane	µg/m³	0.62	ND	0.75	ND	0.83	ND
1,1,1-Trichloroethane	µg/m³	0.62	ND	0.75	ND	0.83	ND
Benzene	µg/m³	6.7	J	12	J	13	J
Carbon Tetrachloride	µg/m³	0.12	ND	0.39		0.38	
Cyclohexane	µg/m³	49		3.2		3.1	
1,2-Dichloropropane	µg/m³	0.62	ND	0.75	ND	0.83	ND
Bromodichloromethane	µg/m³	0.62	ND	0.75	ND	0.83	ND
Trichloroethene	µg/m³	0.22		0.25		0.17	ND
1,4-Dioxane	µg/m³	0.62	ND	0.75	ND	0.83	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.62	ND	8.1		8.9	
cis-1,3-Dichloropropene	µg/m³	0.62	ND	0.75	ND	0.83	ND
trans-1,3-Dichloropropene	µg/m³	0.62	ND	0.75	ND	0.83	ND
1,1,2-Trichloroethane	µg/m³	0.62	ND	0.75	ND	0.83	ND
Toluene	µg/m³	22		64		78	
2-Hexanone	µg/m³	0.62	ND	0.75	ND	0.83	ND
Dibromochloromethane	µg/m³	0.62	ND	0.75	ND	0.83	ND
1,2-Dibromoethane	µg/m³	0.62	ND	0.75	ND	0.83	ND
Tetrachloroethene	µg/m³	1.1		0.75	ND	0.83	ND
Chlorobenzene	µg/m³	0.62	ND	0.75	ND	0.83	ND
Ethylbenzene	µg/m³	3.7		9.2		12	
m,p -Xylenes	µg/m³	36		42		52	
Bromoform	µg/m³	0.62	UJ	0.75	UJ	0.83	UJ
Styrene	µg/m³	0.62	ND	0.75	ND	0.83	ND
o-Xylene	µg/m³	9.6		14		17	
1,1,2,2-Tetrachloroethane	µg/m³	0.62	ND	0.75	ND	0.83	ND
1,3,5-Trimethylbenzene	µg/m³	8.9		3.4		4.5	
1,2,4-Trimethylbenzene	µg/m³	15		12		18	
Benzyl Chloride	µg/m³	0.62	UJ	0.75	UJ	0.83	UJ
1,3-Dichlorobenzene	µg/m³	0.62	ND	0.75	ND	0.83	ND
1,4-Dichlorobenzene	µg/m³	0.62	ND	0.75	ND	0.83	ND
1,2-Dichlorobenzene	µg/m³	0.62	ND	0.75	ND	0.83	ND
1,2,4-Trichlorobenzene	µg/m³	0.62	ND	0.75	ND	0.83	ND
Hexachlorobutadiene	µg/m³	0.62	ND	0.75	ND	0.83	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-48-041707		MRS-BA-48-041707		MRS-FA-48-041707		MRS-OA-48-041707	
	Sample Date	Apr-17-2007		Apr-17-2007		Apr-17-2007		Apr-17-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.2		2.1		2.1		2.2	
Chloromethane	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Vinyl Chloride	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Bromomethane	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Chloroethane	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Ethanol	µg/m³	6.2	UJ	150		320		7.4	UJ
Acetone	µg/m³	18		160		190		7.4	ND
Trichlorofluoromethane	µg/m³	1.1		1.1		1.1		1.1	
1,1-Dichloroethene	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	UJ
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.62	UJ	15		7.8		0.74	ND
Methylene chloride	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Trichlorotrifluoroethane	µg/m³	0.64		0.82	ND	0.77	ND	0.74	ND
trans-1,2-Dichloroethene	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
1,1-Dichloroethane	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Methyl tert-Butyl Ether	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
2-Butanone (MEK)	µg/m³	2.8		38		31		1.5	
cis-1,2-Dichloroethene	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
n-Hexane	µg/m³	7.4		7.3		5.8		0.74	ND
Chloroform	µg/m³	0.62	ND	0.82	ND	4.0		0.74	ND
1,2-Dichloroethane	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
1,1,1-Trichloroethane	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Benzene	µg/m³	1.6		0.82	ND	0.90		0.74	ND
Carbon Tetrachloride	µg/m³	0.34		0.39		0.48		0.40	
Cyclohexane	µg/m³	4.2		1.8		1.4		0.74	ND
1,2-Dichloropropane	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Bromodichloromethane	µg/m³	0.62	ND	0.82	ND	0.84		0.74	ND
Trichloroethene	µg/m³	0.12	ND	0.16	ND	0.15	ND	0.15	ND
1,4-Dioxane	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
cis-1,3-Dichloropropene	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
trans-1,3-Dichloropropene	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
1,1,2-Trichloroethane	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Toluene	µg/m³	6.5		7.5		19		1.6	
2-Hexanone	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Dibromochloromethane	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
1,2-Dibromoethane	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Tetrachloroethene	µg/m³	3.1		0.82	ND	0.77	ND	0.74	ND
Chlorobenzene	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Ethylbenzene	µg/m³	0.94		0.82	ND	0.94		0.74	ND
m,p -Xylenes	µg/m³	6.3		2.4		2.9		0.74	ND
Bromoform	µg/m³	0.62	UJ	0.82	UJ	0.77	UJ	0.74	UJ
Styrene	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
o-Xylene	µg/m³	1.8		0.84		1.1		0.74	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
1,3,5-Trimethylbenzene	µg/m³	0.81		0.83		0.96		0.74	ND
1,2,4-Trimethylbenzene	µg/m³	2.4		3.0		3.6		0.74	ND
Benzyl Chloride	µg/m³	0.62	UJ	0.82	UJ	0.77	UJ	0.74	UJ
1,3-Dichlorobenzene	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
1,4-Dichlorobenzene	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
1,2-Dichlorobenzene	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
1,2,4-Trichlorobenzene	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND
Hexachlorobutadiene	µg/m³	0.62	ND	0.82	ND	0.77	ND	0.74	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-49-041707		MRS-BA-49-041707		MRS-FA-49-041707	
	Sample Date	Apr-17-2007		Apr-17-2007		Apr-17-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	2.4		2.2		2.2	
Chloromethane	µg/m³	0.70	ND	0.88	ND	0.69	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.70	ND	0.88	ND	0.69	ND
Vinyl Chloride	µg/m³	0.70	ND	0.88	ND	0.69	ND
Bromomethane	µg/m³	0.70	ND	0.88	ND	0.69	ND
Chloroethane	µg/m³	0.70	ND	0.88	ND	0.69	ND
Ethanol	µg/m³	140		400		880	
Acetone	µg/m³	41	J	26		26	
Trichlorofluoromethane	µg/m³	3.2		3.1		3.2	
1,1-Dichloroethene	µg/m³	0.70	ND	0.88	ND	0.69	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	1.2	NJ	1.1	NJ	0.85	NJ
Methylene chloride	µg/m³	0.70	ND	0.88	ND	0.73	
Trichlorotrifluoroethane	µg/m³	1.6		0.88	ND	0.69	ND
trans-1,2-Dichloroethene	µg/m³	0.70	ND	0.88	ND	0.69	ND
1,1-Dichloroethane	µg/m³	0.70	ND	0.88	ND	0.69	ND
Methyl tert-Butyl Ether	µg/m³	0.70	ND	0.88	ND	0.69	ND
2-Butanone (MEK)	µg/m³	7.3		5.7		5.0	
cis-1,2-Dichloroethene	µg/m³	0.70	ND	0.88	ND	0.69	ND
n-Hexane	µg/m³	37		0.94		0.92	
Chloroform	µg/m³	0.96		0.88	ND	0.91	
1,2-Dichloroethane	µg/m³	0.70	ND	0.88	ND	0.69	ND
1,1,1-Trichloroethane	µg/m³	9.1		0.88	ND	0.69	ND
Benzene	µg/m³	9.8		1.3		1.6	
Carbon Tetrachloride	µg/m³	0.37		0.39		0.40	
Cyclohexane	µg/m³	16		0.88	ND	0.69	ND
1,2-Dichloropropane	µg/m³	0.70	ND	0.88	ND	0.69	ND
Bromodichloromethane	µg/m³	0.70	ND	0.88	ND	0.69	ND
Trichloroethene	µg/m³	0.14	ND	0.18	ND	0.14	ND
1,4-Dioxane	µg/m³	0.70	ND	0.88	ND	0.69	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.70	ND	0.88	ND	0.69	ND
cis-1,3-Dichloropropene	µg/m³	0.70	ND	0.88	ND	0.69	ND
trans-1,3-Dichloropropene	µg/m³	0.70	ND	0.88	ND	0.69	ND
1,1,2-Trichloroethane	µg/m³	0.70	ND	0.88	ND	0.69	ND
Toluene	µg/m³	35		5.9		7.5	
2-Hexanone	µg/m³	0.70	ND	0.88	ND	0.69	ND
Dibromochloromethane	µg/m³	0.70	ND	0.88	ND	0.69	ND
1,2-Dibromoethane	µg/m³	0.70	ND	0.88	ND	0.69	ND
Tetrachloroethene	µg/m³	6.2		0.88	ND	0.69	ND
Chlorobenzene	µg/m³	0.70	ND	0.88	ND	0.69	ND
Ethylbenzene	µg/m³	3.3		0.88	ND	0.70	
m,p -Xylenes	µg/m³	39		2.3		2.4	
Bromoform	µg/m³	0.70	UJ	0.88	UJ	0.69	UJ
Styrene	µg/m³	0.70	ND	0.88	ND	0.69	ND
o-Xylene	µg/m³	9.2		0.88	ND	0.89	
1,1,2,2-Tetrachloroethane	µg/m³	0.70	ND	0.88	ND	0.69	ND
1,3,5-Trimethylbenzene	µg/m³	6.8		0.88	ND	0.69	ND
1,2,4-Trimethylbenzene	µg/m³	14		0.88	ND	0.82	
Benzyl Chloride	µg/m³	0.70	UJ	0.88	UJ	0.69	UJ
1,3-Dichlorobenzene	µg/m³	0.70	ND	0.88	ND	0.69	ND
1,4-Dichlorobenzene	µg/m³	0.70	ND	0.88	ND	0.69	ND
1,2-Dichlorobenzene	µg/m³	0.70	ND	0.88	ND	0.69	ND
1,2,4-Trichlorobenzene	µg/m³	0.70	ND	0.88	ND	0.69	ND
Hexachlorobutadiene	µg/m³	0.70	ND	0.88	ND	0.69	ND

Notes:
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U: Qualified by data validator to non-detect
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-50-041807		MRS-BA-50-041807		MRS-FA-50-041807	
	Sample Date	Apr-18-2007		Apr-18-2007		Apr-18-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	4.1		2.3		2.3	
Chloromethane	µg/m³	0.61	ND	0.69	ND	0.73	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.61	ND	0.69	ND	0.69	ND
Vinyl Chloride	µg/m³	0.61	ND	0.69	ND	0.69	ND
Bromomethane	µg/m³	0.61	ND	0.69	ND	0.69	ND
Chloroethane	µg/m³	0.61	ND	0.69	ND	0.69	ND
Ethanol	µg/m³	6.1	UJ	63		250	
Acetone	µg/m³	11	J	18		37	
Trichlorofluoromethane	µg/m³	2.4		3.4		2.5	
1,1-Dichloroethene	µg/m³	0.61	ND	0.69	ND	0.69	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.61	UJ	0.69	UJ	2.8	J
Methylene chloride	µg/m³	0.61	ND	0.69	ND	0.69	ND
Trichlorotrifluoroethane	µg/m³	2.3		0.69	ND	0.69	ND
trans-1,2-Dichloroethene	µg/m³	0.61	ND	0.69	ND	0.69	ND
1,1-Dichloroethane	µg/m³	0.61	ND	0.69	ND	0.69	ND
Methyl tert-Butyl Ether	µg/m³	0.61	ND	0.69	ND	0.69	ND
2-Butanone (MEK)	µg/m³	3.0		1.9		3.4	
cis-1,2-Dichloroethene	µg/m³	0.61	ND	0.69	ND	0.69	ND
n-Hexane	µg/m³	9.7		0.69	ND	1.1	
Chloroform	µg/m³	0.61	ND	0.69	ND	2.6	
1,2-Dichloroethane	µg/m³	0.61	ND	0.69	ND	0.69	ND
1,1,1-Trichloroethane	µg/m³	0.61	ND	0.69	ND	0.69	ND
Benzene	µg/m³	2.4		0.69	ND	1.4	
Carbon Tetrachloride	µg/m³	0.19		0.41		0.48	
Cyclohexane	µg/m³	3.8		0.69	ND	0.69	ND
1,2-Dichloropropane	µg/m³	0.61	ND	0.69	ND	0.69	ND
Bromodichloromethane	µg/m³	0.61	ND	0.69	ND	0.69	ND
Trichloroethene	µg/m³	0.12	ND	0.14	ND	0.14	ND
1,4-Dioxane	µg/m³	0.61	ND	0.69	ND	0.69	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.61	ND	0.69	ND	0.69	ND
cis-1,3-Dichloropropene	µg/m³	0.61	ND	0.69	ND	0.69	ND
trans-1,3-Dichloropropene	µg/m³	0.61	ND	0.69	ND	0.69	ND
1,1,2-Trichloroethane	µg/m³	0.61	ND	0.69	ND	0.69	ND
Toluene	µg/m³	10		7.8		9.5	
2-Hexanone	µg/m³	0.61	ND	0.69	ND	0.69	ND
Dibromochloromethane	µg/m³	0.61	ND	0.69	ND	0.69	ND
1,2-Dibromoethane	µg/m³	0.61	ND	0.69	ND	0.69	ND
Tetrachloroethene	µg/m³	2.0		0.69	ND	0.69	ND
Chlorobenzene	µg/m³	0.61	ND	0.69	ND	0.69	ND
Ethylbenzene	µg/m³	1.2		0.69	ND	0.75	
m,p -Xylenes	µg/m³	9.7		1.5		2.7	
Bromoform	µg/m³	0.61	UJ	0.69	UJ	0.69	UJ
Styrene	µg/m³	0.61	ND	0.69	ND	0.69	ND
o-Xylene	µg/m³	2.7		0.69	ND	0.83	
1,1,2,2-Tetrachloroethane	µg/m³	0.61	ND	0.69	ND	0.69	ND
1,3,5-Trimethylbenzene	µg/m³	1.6		0.69	ND	0.69	ND
1,2,4-Trimethylbenzene	µg/m³	4.0		0.69	ND	0.84	
Benzyl Chloride	µg/m³	0.61	UJ	0.69	UJ	0.69	UJ
1,3-Dichlorobenzene	µg/m³	0.61	ND	0.69	ND	0.69	ND
1,4-Dichlorobenzene	µg/m³	0.61	ND	0.69	ND	0.69	ND
1,2-Dichlorobenzene	µg/m³	0.61	ND	0.69	ND	0.69	ND
1,2,4-Trichlorobenzene	µg/m³	0.61	ND	0.69	ND	0.69	ND
Hexachlorobutadiene	µg/m³	0.61	ND	0.69	ND	0.69	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID Sample Date	MRS-SS-51-041807 Apr-18-2007		Dup of MRS-SS-51-041807 Apr-18-2007		MRS-BA-51-041807 Apr-18-2007		MRS-FA-51-041807 Apr-18-2007		MRS-OA-51-041807 Apr-18-2007	
COMPOUND	**UNIT**										
Dichlorodifluoromethane (CFC 12)	µg/m³	3.1		2.6		5.5		4.3		2.2	
Chloromethane	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
Vinyl Chloride	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
Bromomethane	µg/m³	0.69	UJ	0.63	UJ	1.6	UJ	0.80	UJ	0.78	UJ
Chloroethane	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
Ethanol	µg/m³	28		19		420		620		7.8	UJ
Acetone	µg/m³	18	J	10	J	46		65		7.8	ND
Trichlorofluoromethane	µg/m³	1.2		1.2		2.6		3.0		1.1	
1,1-Dichloroethene	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.69	UJ	0.63	UJ	16		17		0.78	UJ
Methylene chloride	µg/m³	0.69	ND	0.63	ND	2.2		2.4		0.78	ND
Trichlorotrifluoroethane	µg/m³	0.97		0.67		1.6	ND	0.80	ND	0.78	ND
trans-1,2-Dichloroethene	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
1,1-Dichloroethane	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
Methyl tert-Butyl Ether	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
2-Butanone (MEK)	µg/m³	1.8		2.0		20		32		1.0	
cis-1,2-Dichloroethene	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
n-Hexane	µg/m³	4.6		5.8		3.2	NJ	6.0		0.78	ND
Chloroform	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
1,2-Dichloroethane	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
1,1,1-Trichloroethane	µg/m³	0.75		0.63	ND	1.8		1.4		0.78	ND
Benzene	µg/m³	1.3		1.6		1.6	ND	0.80	ND	0.78	ND
Carbon Tetrachloride	µg/m³	0.28		0.29		0.41		0.36		0.40	
Cyclohexane	µg/m³	1.8		2.2		1.6	ND	0.93		0.78	ND
1,2-Dichloropropane	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
Bromodichloromethane	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
Trichloroethene	µg/m³	0.14	ND	0.13	ND	0.33	ND	0.16	ND	0.16	ND
1,4-Dioxane	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
cis-1,3-Dichloropropene	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
trans-1,3-Dichloropropene	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
1,1,2-Trichloroethane	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
Toluene	µg/m³	7.4		9.4		26		38		2.8	
2-Hexanone	µg/m³	0.69	ND	0.63	ND	1.9		2.0	J	0.78	ND
Dibromochloromethane	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
1,2-Dibromoethane	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
Tetrachloroethene	µg/m³	7.7	J	3.8	J	21		45		0.78	ND
Chlorobenzene	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
Ethylbenzene	µg/m³	1.1		0.98		1.6	ND	2.3		0.78	ND
m,p -Xylenes	µg/m³	5.9		4.4		6.7		10		0.78	ND
Bromoform	µg/m³	0.69	UJ	0.63	UJ	1.6	UJ	0.80	UJ	0.78	UJ
Styrene	µg/m³	0.69	ND	0.63	ND	5.9		14		0.78	ND
o-Xylene	µg/m³	1.9		1.3		2.4		3.9		0.78	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
1,3,5-Trimethylbenzene	µg/m³	0.76		0.63	ND	1.6	ND	2.0		0.78	ND
1,2,4-Trimethylbenzene	µg/m³	2.3	J	0.63	UJ	2.6		5.4		0.78	ND
Benzyl Chloride	µg/m³	0.69	UJ	0.63	UJ	1.6	UJ	0.80	UJ	0.78	UJ
1,3-Dichlorobenzene	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
1,4-Dichlorobenzene	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
1,2-Dichlorobenzene	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
1,2,4-Trichlorobenzene	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND
Hexachlorobutadiene	µg/m³	0.69	ND	0.63	ND	1.6	ND	0.80	ND	0.78	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-52-041907		Dup of MRS-SS-52-041907		MRS-BA-52-041907		MRS-FA-52-041907		MRS-OA-52-041907	
	Sample Date	Apr-19-2007		Apr-19-2007		Apr-19-2007		Apr-19-2007		Apr-19-2007	
COMPOUND	**UNIT**										
Dichlorodifluoromethane (CFC 12)	µg/m³	2.6		2.4		2.1		2.3		2.2	
Chloromethane	µg/m³	0.61	ND	0.70		0.77	ND	0.76	ND	0.75	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
Vinyl Chloride	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
Bromomethane	µg/m³	0.61	UJ	0.66	UJ	0.77	UJ	0.76	UJ	0.75	UJ
Chloroethane	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
Ethanol	µg/m³	6.1	UJ	14	J	210		970		7.5	UJ
Acetone	µg/m³	9.6	J	16	J	110	J	88	J	7.5	ND
Trichlorofluoromethane	µg/m³	1.5		1.5		1.6		1.2		1.0	
1,1-Dichloroethene	µg/m³	2.8		2.4		0.77	ND	0.76	ND	0.75	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	1.1	J	0.66	UJ	0.77	UJ	0.76	UJ	0.75	UJ
Methylene chloride	µg/m³	0.61	ND	0.66	ND	4.9		2.2		0.75	ND
Trichlorotrifluoroethane	µg/m³	1.3		1.3		0.77	ND	0.76	ND	0.75	ND
trans-1,2-Dichloroethene	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
1,1-Dichloroethane	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
Methyl tert-Butyl Ether	µg/m³	0.61	ND	0.66	ND	4.9		1.0		0.75	ND
2-Butanone (MEK)	µg/m³	1.7		2.6		9.9		6.6		0.94	
cis-1,2-Dichloroethene	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
n-Hexane	µg/m³	3.9	J	20	J	45		14		0.75	ND
Chloroform	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
1,2-Dichloroethane	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
1,1,1-Trichloroethane	µg/m³	180		170		2.2		16		0.75	ND
Benzene	µg/m³	1.3	J	2.7	J	31		9.6		0.75	ND
Carbon Tetrachloride	µg/m³	0.36		0.33		0.40		0.41		0.33	
Cyclohexane	µg/m³	1.9	J	4.5	J	5.5		1.8		0.75	ND
1,2-Dichloropropane	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
Bromodichloromethane	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
Trichloroethene	µg/m³	0.12	JND	0.46	J	0.15	ND	0.15	ND	0.15	ND
1,4-Dioxane	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.61	JND	4.2	J	40		10		0.75	ND
cis-1,3-Dichloropropene	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
trans-1,3-Dichloropropene	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
1,1,2-Trichloroethane	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
Toluene	µg/m³	5.4	J	12	J	150		66		2.0	
2-Hexanone	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
Dibromochloromethane	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
1,2-Dibromoethane	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
Tetrachloroethene	µg/m³	4.7		5.5		0.77	ND	0.88		0.75	ND
Chlorobenzene	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
Ethylbenzene	µg/m³	0.66		0.66	ND	24		7.1		0.75	ND
m,p -Xylenes	µg/m³	5.4		3.3		100		32		0.96	
Bromoform	µg/m³	0.61	UJ	0.66	UJ	0.77	UJ	0.76	UJ	0.75	UJ
Styrene	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
o-Xylene	µg/m³	1.6	J	0.84	J	34		10		0.75	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
1,3,5-Trimethylbenzene	µg/m³	1.2		0.66	ND	7.8		2.3		0.75	ND
1,2,4-Trimethylbenzene	µg/m³	2.7		0.66	ND	30		9.4		0.75	ND
Benzyl Chloride	µg/m³	0.61	UJ	0.66	UJ	0.77	UJ	0.76	UJ	0.75	UJ
1,3-Dichlorobenzene	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
1,4-Dichlorobenzene	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
1,2-Dichlorobenzene	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
1,2,4-Trichlorobenzene	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND
Hexachlorobutadiene	µg/m³	0.61	ND	0.66	ND	0.77	ND	0.76	ND	0.75	ND

Notes:
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U: Qualified by data validator to non-detect
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NJ: Tentative in identification and estimated by data validator
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-53-041907		MRS-BA-53-041907		MRS-FA-53-041907	
	Sample Date	Apr-19-2007		Apr-19-2007		Apr-19-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	2.1		2.2		2.3	
Chloromethane	µg/m³	0.73	ND	0.75	ND	0.80	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.73	ND	0.75	ND	0.80	ND
Vinyl Chloride	µg/m³	0.73	ND	0.75	ND	0.80	ND
Bromomethane	µg/m³	0.73	UJ	0.75	UJ	0.80	UJ
Chloroethane	µg/m³	0.73	ND	0.75	ND	0.80	ND
Ethanol	µg/m³	12		160		500	
Acetone	µg/m³	20	J	24	J	35	
Trichlorofluoromethane	µg/m³	1.0		1.2		1.6	
1,1-Dichloroethene	µg/m³	0.73	ND	0.75	ND	0.80	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.73	UJ	0.75	UJ	0.80	UJ
Methylene chloride	µg/m³	0.73	ND	1.3		0.80	ND
Trichlorotrifluoroethane	µg/m³	0.73	ND	0.75	ND	0.80	ND
trans-1,2-Dichloroethene	µg/m³	0.73	ND	0.75	ND	0.80	ND
1,1-Dichloroethane	µg/m³	0.73	ND	0.75	ND	0.80	ND
Methyl tert-Butyl Ether	µg/m³	0.73	ND	0.75	ND	0.80	ND
2-Butanone (MEK)	µg/m³	1.9		8.8		11	
cis-1,2-Dichloroethene	µg/m³	0.73	ND	0.75	ND	0.80	ND
n-Hexane	µg/m³	16		2.1		2.2	
Chloroform	µg/m³	0.73	ND	0.75	ND	1.3	
1,2-Dichloroethane	µg/m³	0.73	ND	0.75	ND	0.80	ND
1,1,1-Trichloroethane	µg/m³	0.73	ND	0.75	ND	0.80	ND
Benzene	µg/m³	8.0		1.2		1.8	
Carbon Tetrachloride	µg/m³	0.39		0.39		0.39	
Cyclohexane	µg/m³	3.7		0.75	ND	0.80	ND
1,2-Dichloropropane	µg/m³	0.73	ND	0.75	ND	0.80	ND
Bromodichloromethane	µg/m³	0.73	ND	0.75	ND	0.80	ND
Trichloroethene	µg/m³	0.15	ND	0.15	ND	0.16	ND
1,4-Dioxane	µg/m³	0.73	ND	0.75	ND	0.80	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	9.6		1.3		1.4	
cis-1,3-Dichloropropene	µg/m³	0.73	ND	0.75	ND	0.80	ND
trans-1,3-Dichloropropene	µg/m³	0.73	ND	0.75	ND	0.80	ND
1,1,2-Trichloroethane	µg/m³	0.73	ND	0.75	ND	0.80	ND
Toluene	µg/m³	82		8.8		11	
2-Hexanone	µg/m³	0.73	ND	0.75	ND	0.80	ND
Dibromochloromethane	µg/m³	0.73	ND	0.75	ND	0.80	ND
1,2-Dibromoethane	µg/m³	0.73	ND	0.75	ND	0.80	ND
Tetrachloroethene	µg/m³	0.73	ND	1.5		1.3	
Chlorobenzene	µg/m³	0.73	ND	0.75	ND	0.80	ND
Ethylbenzene	µg/m³	13		1.8		1.8	
m,p -Xylenes	µg/m³	55		7.7		7.7	
Bromoform	µg/m³	0.73	UJ	0.75	UJ	0.80	UJ
Styrene	µg/m³	0.73	ND	0.75	ND	0.80	ND
o-Xylene	µg/m³	21		2.9		2.9	
1,1,2,2-Tetrachloroethane	µg/m³	0.73	ND	0.75	ND	0.80	ND
1,3,5-Trimethylbenzene	µg/m³	5.3		0.93		0.94	
1,2,4-Trimethylbenzene	µg/m³	18		3.5		3.6	
Benzyl Chloride	µg/m³	0.73	UJ	0.75	UJ	0.80	UJ
1,3-Dichlorobenzene	µg/m³	0.73	ND	0.75	ND	0.80	ND
1,4-Dichlorobenzene	µg/m³	0.73	ND	0.75	ND	0.80	ND
1,2-Dichlorobenzene	µg/m³	0.73	ND	0.75	ND	0.80	ND
1,2,4-Trichlorobenzene	µg/m³	0.73	ND	0.75	ND	0.80	ND
Hexachlorobutadiene	µg/m³	0.73	ND	0.75	ND	0.80	ND

Notes:
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-54-041907		MRS-BA-54-041907		MRS-FA-54-041907		MRS-OA-54-041907	
	Sample Date	Apr-19-2007		Apr-19-2007		Apr-19-2007		Apr-19-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	5.7		23		12		2.1	
Chloromethane	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
Vinyl Chloride	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
Bromomethane	µg/m³	0.60	UJ	0.77	UJ	0.78	UJ	0.72	UJ
Chloroethane	µg/m³	0.60	ND	0.77	ND	0.78	UJ	0.72	ND
Ethanol	µg/m³	6.0	UJ	34		170		11	
Acetone	µg/m³	27	J	57		68	J	24	J
Trichlorofluoromethane	µg/m³	3.0		21		10		1.0	
1,1-Dichloroethene	µg/m³	1.2		0.77	ND	0.78	ND	0.72	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.60	UJ	0.77	UJ	1.9	NJ	1.6	J
Methylene chloride	µg/m³	0.60	ND	6.9		9.7		0.72	ND
Trichlorotrifluoroethane	µg/m³	1.5		0.77	ND	0.78	ND	0.72	ND
trans-1,2-Dichloroethene	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
1,1-Dichloroethane	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
Methyl tert-Butyl Ether	µg/m³	0.60	ND	0.77	ND	1.1		0.72	ND
2-Butanone (MEK)	µg/m³	13		36		26		3.6	
cis-1,2-Dichloroethene	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
n-Hexane	µg/m³	8.3		120		64		0.72	ND
Chloroform	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
1,2-Dichloroethane	µg/m³	0.60	ND	0.77	ND	1.4	NJ	0.72	ND
1,1,1-Trichloroethane	µg/m³	270		7.3		3.1		0.72	ND
Benzene	µg/m³	3.2		1.2		6.9		0.72	ND
Carbon Tetrachloride	µg/m³	0.18		0.35		0.37		0.39	
Cyclohexane	µg/m³	6.9		6.9		4.2		0.72	ND
1,2-Dichloropropane	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
Bromodichloromethane	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
Trichloroethene	µg/m³	0.12	ND	0.15	ND	0.16	ND	0.14	ND
1,4-Dioxane	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.60	ND	0.77	ND	2.6		0.72	ND
cis-1,3-Dichloropropene	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
trans-1,3-Dichloropropene	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
1,1,2-Trichloroethane	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
Toluene	µg/m³	16		99		78		1.5	
2-Hexanone	µg/m³	0.60	ND	0.77	ND	4.4		0.72	ND
Dibromochloromethane	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
1,2-Dibromoethane	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
Tetrachloroethene	µg/m³	0.95		4.4		1.8		0.72	ND
Chlorobenzene	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
Ethylbenzene	µg/m³	1.7		1.5		4.8		0.72	ND
m,p -Xylenes	µg/m³	11		5.7		21		0.72	ND
Bromoform	µg/m³	0.60	UJ	0.77	UJ	0.78	UJ	0.72	UJ
Styrene	µg/m³	0.60	ND	0.82		0.92		0.72	ND
o-Xylene	µg/m³	3.6		1.6		6.4		0.72	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
1,3,5-Trimethylbenzene	µg/m³	3.1		1.2		1.8		0.72	ND
1,2,4-Trimethylbenzene	µg/m³	9.4		4.1	NJ	7.1		0.72	ND
Benzyl Chloride	µg/m³	0.60	UJ	0.77	UJ	0.78	UJ	0.72	UJ
1,3-Dichlorobenzene	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
1,4-Dichlorobenzene	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
1,2-Dichlorobenzene	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
1,2,4-Trichlorobenzene	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND
Hexachlorobutadiene	µg/m³	0.60	ND	0.77	ND	0.78	ND	0.72	ND

Notes:
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-55-042307		MRS-BA-55-042307		MRS-FA-55-042307		MRS-OA-55-042307	
	Sample Date	Apr-23-2007		Apr-23-2007		Apr-23-2007		Apr-23-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.3		2.3		2.3		2.4	
Chloromethane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Vinyl Chloride	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Bromomethane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Chloroethane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Ethanol	µg/m³	13		29		420		7.9	JND
Acetone	µg/m³	52	J	13		25		7.9	ND
Trichlorofluoromethane	µg/m³	2.6		2.8		3.6		1.1	
1,1-Dichloroethene	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	1.3	NJ	0.79	JND	0.93		0.79	JND
Methylene chloride	µg/m³	1.7		5.1		1.4		0.79	ND
Trichlorotrifluoroethane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
trans-1,2-Dichloroethene	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
1,1-Dichloroethane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Methyl tert-Butyl Ether	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
2-Butanone (MEK)	µg/m³	7.0		2.7		2.7		1.1	
cis-1,2-Dichloroethene	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
n-Hexane	µg/m³	60		0.79	ND	0.77	ND	0.79	ND
Chloroform	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
1,2-Dichloroethane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
1,1,1-Trichloroethane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Benzene	µg/m³	19		0.79	ND	0.77	ND	0.79	ND
Carbon Tetrachloride	µg/m³	1.3		9.9		2.5		0.33	
Cyclohexane	µg/m³	26		0.79	ND	0.77	ND	0.79	ND
1,2-Dichloropropane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Bromodichloromethane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Trichloroethene	µg/m³	0.12	ND	0.16	ND	0.15	ND	0.20	
1,4-Dioxane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
cis-1,3-Dichloropropene	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
trans-1,3-Dichloropropene	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
1,1,2-Trichloroethane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Toluene	µg/m³	64		3.0		2.8		0.79	ND
2-Hexanone	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Dibromochloromethane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
1,2-Dibromoethane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Tetrachloroethene	µg/m³	1.8		0.79	ND	0.77	ND	0.79	ND
Chlorobenzene	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Ethylbenzene	µg/m³	8.4		0.79	ND	0.77	ND	0.79	ND
m,p-Xylenes	µg/m³	89		1.1		0.86		0.79	ND
Bromoform	µg/m³	0.61	JND	0.79	JND	0.77	JND	0.79	JND
Styrene	µg/m³	0.87		0.79	ND	0.77	ND	0.79	ND
o-Xylene	µg/m³	24		0.79	ND	0.77	ND	0.79	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
1,3,5-Trimethylbenzene	µg/m³	17		0.79	ND	0.77	ND	0.79	ND
1,2,4-Trimethylbenzene	µg/m³	39		0.79	ND	0.77	ND	0.79	ND
Benzyl Chloride	µg/m³	0.61	JND	0.79	JND	0.77	JND	0.79	JND
1,3-Dichlorobenzene	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
1,4-Dichlorobenzene	µg/m³	0.61	ND	1.5		6.7		0.79	ND
1,2-Dichlorobenzene	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
1,2,4-Trichlorobenzene	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND
Hexachlorobutadiene	µg/m³	0.61	ND	0.79	ND	0.77	ND	0.79	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-56-042307		MRS-BA-56-042307		MRS-FA-56-042307		MRS-OA-56-042307	
	Sample Date	Apr-23-2007		Apr-23-2007		Apr-23-2007		Apr-23-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	13		23		6.4		2.3	
Chloromethane	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
Vinyl Chloride	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
Bromomethane	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
Chloroethane	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
Ethanol	µg/m³	6.8	JND	60		190		14	
Acetone	µg/m³	28		33		43	J	9.3	
Trichlorofluoromethane	µg/m³	1.3		3.8		12		1.1	
1,1-Dichloroethene	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.68	JND	0.74	JND	0.78	JND	0.78	JND
Methylene chloride	µg/m³	0.68	ND	3.1		1.1		0.78	ND
Trichlorotrifluoroethane	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
trans-1,2-Dichloroethene	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
1,1-Dichloroethane	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
Methyl tert-Butyl Ether	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
2-Butanone (MEK)	µg/m³	1.2		4.3		7.5		1.6	
cis-1,2-Dichloroethene	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
n-Hexane	µg/m³	3.9		1.7		1.1		0.78	ND
Chloroform	µg/m³	1.9		1.6		0.78	ND	0.78	ND
1,2-Dichloroethane	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
1,1,1-Trichloroethane	µg/m³	21		3.5		0.78	ND	0.78	ND
Benzene	µg/m³	1.2		1.8		1.3		0.78	ND
Carbon Tetrachloride	µg/m³	0.14	ND	0.40		0.38		0.36	
Cyclohexane	µg/m³	1.6		0.93		0.78	ND	0.78	ND
1,2-Dichloropropane	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
Bromodichloromethane	µg/m³	0.84		0.74	ND	0.78	ND	0.78	ND
Trichloroethene	µg/m³	0.14	ND	0.30		0.16	ND	0.16	ND
1,4-Dioxane	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
cis-1,3-Dichloropropene	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
trans-1,3-Dichloropropene	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
1,1,2-Trichloroethane	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
Toluene	µg/m³	10		19		18		2.2	
2-Hexanone	µg/m³	0.68	ND	0.74	ND	2.0		0.78	ND
Dibromochloromethane	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
1,2-Dibromoethane	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
Tetrachloroethene	µg/m³	2.2		1.2		0.78	ND	0.78	ND
Chlorobenzene	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
Ethylbenzene	µg/m³	0.86		2.4		1.2		0.78	ND
m,p-Xylenes	µg/m³	6.3		10		4.8		0.78	ND
Bromoform	µg/m³	0.68	JND	0.74	JND	0.78	JND	0.78	JND
Styrene	µg/m³	0.68	ND	0.79		1.3		0.78	ND
o-Xylene	µg/m³	1.7		2.5		1.5		0.78	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
1,3,5-Trimethylbenzene	µg/m³	0.88		0.74	ND	0.78	ND	0.78	ND
1,2,4-Trimethylbenzene	µg/m³	2.2		1.8		1.6		0.78	ND
Benzyl Chloride	µg/m³	0.68	JND	0.74	JND	0.78	JND	0.78	JND
1,3-Dichlorobenzene	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
1,4-Dichlorobenzene	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
1,2-Dichlorobenzene	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
1,2,4-Trichlorobenzene	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND
Hexachlorobutadiene	µg/m³	0.68	ND	0.74	ND	0.78	ND	0.78	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-57-042407		MRS-BA-57-042407		Dup of MRS-BA-57-042407		MRS-FA-57-042407		MRS-OA-57-042407	
	Sample Date	Apr-24-2007		Apr-24-2007		Apr-24-2007		Apr-24-2007		Apr-24-2007	
COMPOUND	**UNIT**										
Dichlorodifluoromethane (CFC 12)	µg/m³	4.9		2.9		2.9		2.6		2.2	
Chloromethane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Vinyl Chloride	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Bromomethane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Chloroethane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Ethanol	µg/m³	160		120		120		890		14	
Acetone	µg/m³	730		35		40		79		8.8	ND
Trichlorofluoromethane	µg/m³	1.3		1.4		1.4		1.9		1.1	
1,1-Dichloroethene	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	4.6		0.82	J	4.0		1.5	J	0.88	JND
Methylene chloride	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Trichlorotrifluoroethane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
trans-1,2-Dichloroethene	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
1,1-Dichloroethane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Methyl tert-Butyl Ether	µg/m³	0.66	ND	1.3	NJ	1.2		2.0		0.88	ND
2-Butanone (MEK)	µg/m³	7.4		10		9.7		80		1.4	
cis-1,2-Dichloroethene	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
n-Hexane	µg/m³	70		2.50	U	2.5		5.3		9.8	
Chloroform	µg/m³	0.66	ND	0.76	ND	0.70	ND	2.8		0.88	ND
1,2-Dichloroethane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
1,1,1-Trichloroethane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Benzene	µg/m³	20		1.8		1.8		3.4		3.6	
Carbon Tetrachloride	µg/m³	0.13	ND	0.37		0.39		0.51		0.37	
Cyclohexane	µg/m³	27		1.3		1.3		4.2	U	1.2	
1,2-Dichloropropane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Bromodichloromethane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Trichloroethene	µg/m³	0.13	ND	0.15	ND	0.14	ND	0.16	ND	0.18	ND
1,4-Dioxane	µg/m³	1.1	NJ	0.76	ND	0.70	ND	0.80	ND	0.88	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.66	ND	3.0		3.0		5.0		1.8	
cis-1,3-Dichloropropene	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
trans-1,3-Dichloropropene	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
1,1,2-Trichloroethane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Toluene	µg/m³	58		13		12		30		12	
2-Hexanone	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Dibromochloromethane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
1,2-Dibromoethane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Tetrachloroethene	µg/m³	4.4		0.76	ND	0.70	ND	0.80	ND	0.88	ND
Chlorobenzene	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Ethylbenzene	µg/m³	8.7		1.6		1.6		2.5		1.1	
m,p -Xylenes	µg/m³	67		7.6		7.3		11		4.4	
Bromoform	µg/m³	0.66	JND	0.76	JND	0.70	JND	0.80	JND	0.88	JND
Styrene	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
o-Xylene	µg/m³	18		2.6		2.5		3.7		1.6	
1,1,2,2-Tetrachloroethane	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
1,3,5-Trimethylbenzene	µg/m³	12		0.76	ND	0.70	ND	1.1		0.88	ND
1,2,4-Trimethylbenzene	µg/m³	27		2.4		2.4		4.3		1.2	
Benzyl Chloride	µg/m³	0.66	JND	0.76	JND	0.70	JND	0.80	JND	0.88	JND
1,3-Dichlorobenzene	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
1,4-Dichlorobenzene	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
1,2-Dichlorobenzene	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
1,2,4-Trichlorobenzene	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND
Hexachlorobutadiene	µg/m³	0.66	ND	0.76	ND	0.70	ND	0.80	ND	0.88	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-58-042407		MRS-BA-58-042407		MRS-FA-58-042407		MRS-OA-58-042407	
	Sample Date	Apr-24-2007		Apr-24-2007		Apr-24-2007		Apr-24-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	3.2		5.3		3.2		2.3	
Chloromethane	µg/m³	0.64	ND	0.62	ND	0.73		0.78	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
Vinyl Chloride	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
Bromomethane	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
Chloroethane	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
Ethanol	µg/m³	6.4	JND	50		430		7.8	JND
Acetone	µg/m³	24		10	J	120		7.8	ND
Trichlorofluoromethane	µg/m³	1.1		1.2		1.2		1.1	
1,1-Dichloroethene	µg/m³	0.64	ND	0.91		0.73	ND	0.78	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.64	JND	0.62	JND	0.73	JND	0.78	JND
Methylene chloride	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
Trichlorotrifluoroethane	µg/m³	0.64		0.62	ND	0.73	ND	0.78	ND
trans-1,2-Dichloroethene	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
1,1-Dichloroethane	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
Methyl tert-Butyl Ether	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
2-Butanone (MEK)	µg/m³	3.4		1.1		1.6		0.78	ND
cis-1,2-Dichloroethene	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
n-Hexane	µg/m³	1.8		1.0		0.73	ND	0.78	ND
Chloroform	µg/m³	0.64	ND	0.62	ND	1.4		0.78	ND
1,2-Dichloroethane	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
1,1,1-Trichloroethane	µg/m³	8.1		0.62	ND	0.80		0.78	ND
Benzene	µg/m³	0.65		0.84		0.83		0.78	ND
Carbon Tetrachloride	µg/m³	0.13	ND	0.39		0.30		0.38	
Cyclohexane	µg/m³	0.74		0.62	ND	0.73	ND	0.78	ND
1,2-Dichloropropane	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
Bromodichloromethane	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
Trichloroethene	µg/m³	0.60		0.20		0.15	ND	0.16	ND
1,4-Dioxane	µg/m³	2.0		0.62	ND	0.73	ND	0.78	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
cis-1,3-Dichloropropene	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
trans-1,3-Dichloropropene	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
1,1,2-Trichloroethane	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
Toluene	µg/m³	3.9		4.4		5.5		1.1	
2-Hexanone	µg/m³	0.72	J	0.62	ND	0.73	ND	0.78	ND
Dibromochloromethane	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
1,2-Dibromoethane	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
Tetrachloroethene	µg/m³	2.2		0.62	ND	0.73	ND	0.78	ND
Chlorobenzene	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
Ethylbenzene	µg/m³	0.64	ND	0.69		0.73	ND	0.78	ND
m,p-Xylenes	µg/m³	4.1		2.9		1.9		0.78	ND
Bromoform	µg/m³	0.64	JND	0.62	JND	0.73	JND	0.78	JND
Styrene	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
o-Xylene	µg/m³	1.1		0.92		0.73	ND	0.78	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
1,3,5-Trimethylbenzene	µg/m³	0.68		0.62	ND	0.73	ND	0.78	ND
1,2,4-Trimethylbenzene	µg/m³	1.8		0.78		0.73	ND	0.78	ND
Benzyl Chloride	µg/m³	0.64	JND	0.62	JND	0.73	JND	0.78	JND
1,3-Dichlorobenzene	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
1,4-Dichlorobenzene	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
1,2-Dichlorobenzene	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
1,2,4-Trichlorobenzene	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND
Hexachlorobutadiene	µg/m³	0.64	ND	0.62	ND	0.73	ND	0.78	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID Sample Date	MRS-SS-59-042407 Apr-24-2007		Dup of MRS-SS-59-042407 Apr-24-2007		MRS-BA-59-042407 Apr-24-2007		MRS-FA-59-042407 Apr-24-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	3.3		3.3		4.4		5.7	
Chloromethane	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Vinyl Chloride	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Bromomethane	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Chloroethane	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Ethanol	µg/m³	23		22		130		430	
Acetone	µg/m³	17	J	18	J	24	J	23	J
Trichlorofluoromethane	µg/m³	3.2		3.2		1.7		1.5	
1,1-Dichloroethene	µg/m³	54		54		1.1		0.78	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.68	JND	0.69	JND	0.76	JND	0.78	JND
Methylene chloride	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Trichlorotrifluoroethane	µg/m³	3.9		4.0		0.76	ND	0.78	ND
trans-1,2-Dichloroethene	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
1,1-Dichloroethane	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Methyl tert-Butyl Ether	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
2-Butanone (MEK)	µg/m³	3.8		3.3		18		8.3	
cis-1,2-Dichloroethene	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
n-Hexane	µg/m³	7.1		6.9		21		12	
Chloroform	µg/m³	0.88		0.89		0.76	ND	0.98	
1,2-Dichloroethane	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
1,1,1-Trichloroethane	µg/m³	550		550		11		4.9	
Benzene	µg/m³	1.8		1.7		16		9.4	
Carbon Tetrachloride	µg/m³	0.26		0.25		0.38		0.35	
Cyclohexane	µg/m³	2.3		2.2		1.9		1.2	
1,2-Dichloropropane	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Bromodichloromethane	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Trichloroethene	µg/m³	6.3		6.3		0.22		0.16	ND
1,4-Dioxane	µg/m³	1.7	NJ	0.69	ND	0.76	ND	0.78	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.68	ND	0.69	ND	4.9		3.0	
cis-1,3-Dichloropropene	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
trans-1,3-Dichloropropene	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
1,1,2-Trichloroethane	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Toluene	µg/m³	5.9		6.1		91		55	
2-Hexanone	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Dibromochloromethane	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
1,2-Dibromoethane	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Tetrachloroethene	µg/m³	1.8		1.6		0.76	ND	0.78	
Chlorobenzene	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Ethylbenzene	µg/m³	0.79		0.76		13		7.2	
m,p -Xylenes	µg/m³	4.8		4.4		66		36	
Bromoform	µg/m³	0.68	JND	0.69	JND	0.76	JND	0.78	JND
Styrene	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
o-Xylene	µg/m³	1.4		1.3		19		10	
1,1,2,2-Tetrachloroethane	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
1,3,5-Trimethylbenzene	µg/m³	1.0		0.76		3.9		2.0	
1,2,4-Trimethylbenzene	µg/m³	2.9		2.1		17		8.4	
Benzyl Chloride	µg/m³	0.68	JND	0.69	JND	0.76	JND	0.78	JND
1,3-Dichlorobenzene	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
1,4-Dichlorobenzene	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
1,2-Dichlorobenzene	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
1,2,4-Trichlorobenzene	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND
Hexachlorobutadiene	µg/m³	0.68	ND	0.69	ND	0.76	ND	0.78	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
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NJ: Tentative in identification and estimated by data validator
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Sample ID Sample Date		MRS-SS-60-042507 Apr-25-2007		MRS-BA-60-042507 Apr-25-2007		MRS-FA-60-042507 Apr-25-2007		MRS-OA-60-042507 Apr-25-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.3		2.1		2.2		2.3	
Chloromethane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
Vinyl Chloride	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
Bromomethane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
Chloroethane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
Ethanol	µg/m³	7.0	JND	69		450		7.2	
Acetone	µg/m³	18		17	J	23	J	8.1	J
Trichlorofluoromethane	µg/m³	1.1		1.1		1.2		1.1	
1,1-Dichloroethene	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.90		0.77	JND	0.84	JND	0.70	JND
Methylene chloride	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
Trichlorotrifluoroethane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
trans-1,2-Dichloroethene	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
1,1-Dichloroethane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
Methyl tert-Butyl Ether	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
2-Butanone (MEK)	µg/m³	8.8		1.5		2.0		1.2	
cis-1,2-Dichloroethene	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
n-Hexane	µg/m³	3.1		4.1		10		0.70	ND
Chloroform	µg/m³	2.6		0.77	ND	2.1		0.70	ND
1,2-Dichloroethane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
1,1,1-Trichloroethane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
Benzene	µg/m³	1.6		4.0		9.5		0.70	ND
Carbon Tetrachloride	µg/m³	0.24		0.37		0.39		0.39	
Cyclohexane	µg/m³	1.3		0.77	ND	1.4		0.70	ND
1,2-Dichloropropane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
Bromodichloromethane	µg/m³	0.70	ND	0.77	ND	0.86	J	0.70	ND
Trichloroethene	µg/m³	1.7		0.15	ND	0.17	ND	0.14	ND
1,4-Dioxane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.70	ND	0.77		1.9		0.70	ND
cis-1,3-Dichloropropene	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
trans-1,3-Dichloropropene	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
1,1,2-Trichloroethane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
Toluene	µg/m³	11		16		40		0.70	ND
2-Hexanone	µg/m³	1.7	J	0.77	ND	0.84	ND	0.70	ND
Dibromochloromethane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
1,2-Dibromoethane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
Tetrachloroethene	µg/m³	2.6		0.77	ND	0.84	ND	0.70	ND
Chlorobenzene	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
Ethylbenzene	µg/m³	4.5		2.3		5.9		0.70	ND
m,p -Xylenes	µg/m³	19		9.9		26		0.70	ND
Bromoform	µg/m³	0.70	JND	0.77	JND	0.84	JND	0.70	JND
Styrene	µg/m³	7.4		0.77	ND	0.84	ND	0.70	ND
o-Xylene	µg/m³	6.0		3.1		8.1		0.70	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
1,3,5-Trimethylbenzene	µg/m³	2.7		0.77	ND	1.6		0.70	ND
1,2,4-Trimethylbenzene	µg/m³	8.7		2.3		6.4		0.70	ND
Benzyl Chloride	µg/m³	0.70	JND	0.77	JND	0.84	JND	0.70	JND
1,3-Dichlorobenzene	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
1,4-Dichlorobenzene	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
1,2-Dichlorobenzene	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
1,2,4-Trichlorobenzene	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND
Hexachlorobutadiene	µg/m³	0.70	ND	0.77	ND	0.84	ND	0.70	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-61-042507		MRS-BA-61-042507		MRS-FA-61-042507	
	Sample Date	Apr-25-2007		Apr-25-2007		Apr-25-2007	
COMPOUND	**UNIT**						
Dichlorodifluoromethane (CFC 12)	µg/m³	0.69	ND	2.1		2.0	
Chloromethane	µg/m³	14	ND	0.71	ND	0.75	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.69	ND	0.71	ND	0.75	ND
Vinyl Chloride	µg/m³	0.69	ND	0.71	ND	0.75	ND
Bromomethane	µg/m³	0.69	ND	0.71	ND	0.75	ND
Chloroethane	µg/m³	0.69	ND	0.71	ND	0.75	ND
Ethanol	µg/m³	37		310		620	
Acetone	µg/m³	26	J	68		67	
Trichlorofluoromethane	µg/m³	1.0		1.2		1.2	
1,1-Dichloroethene	µg/m³	0.69	ND	0.71	ND	0.75	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.87		1.0		0.75	JND
Methylene chloride	µg/m³	0.69	ND	2.4		3.2	
Trichlorotrifluoroethane	µg/m³	0.69	ND	0.71	ND	0.75	ND
trans-1,2-Dichloroethene	µg/m³	0.69	ND	0.71	ND	0.75	ND
1,1-Dichloroethane	µg/m³	0.69	ND	0.71	ND	0.75	ND
Methyl tert-Butyl Ether	µg/m³	0.69	ND	0.71	ND	0.75	ND
2-Butanone (MEK)	µg/m³	10		4.3		4.3	
cis-1,2-Dichloroethene	µg/m³	0.69	ND	0.71	ND	0.75	ND
n-Hexane	µg/m³	49		7.1		9.2	
Chloroform	µg/m³	31		1.3		2.2	
1,2-Dichloroethane	µg/m³	0.69	ND	0.71	ND	0.75	ND
1,1,1-Trichloroethane	µg/m³	0.69	ND	0.71	ND	1.1	
Benzene	µg/m³	5.9		5.1		6.7	
Carbon Tetrachloride	µg/m³	0.19		0.37		0.40	
Cyclohexane	µg/m³	8.6		1.1		1.3	
1,2-Dichloropropane	µg/m³	0.69	ND	0.71	ND	0.75	ND
Bromodichloromethane	µg/m³	2.7		0.71	ND	0.92	
Trichloroethene	µg/m³	0.14	ND	0.14	ND	0.15	ND
1,4-Dioxane	µg/m³	0.69	ND	0.71	ND	0.75	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.73	J	1.6		2.3	
cis-1,3-Dichloropropene	µg/m³	0.69	ND	0.71	ND	0.75	ND
trans-1,3-Dichloropropene	µg/m³	0.69	ND	0.71	ND	0.75	ND
1,1,2-Trichloroethane	µg/m³	0.69	ND	0.71	ND	0.75	ND
Toluene	µg/m³	29		36		47	
2-Hexanone	µg/m³	0.69	ND	0.71	ND	0.75	ND
Dibromochloromethane	µg/m³	0.69	ND	0.71	ND	0.75	ND
1,2-Dibromoethane	µg/m³	0.69	ND	0.71	ND	0.75	ND
Tetrachloroethene	µg/m³	1.6		0.71	ND	0.75	ND
Chlorobenzene	µg/m³	0.69	ND	0.71	ND	0.75	ND
Ethylbenzene	µg/m³	5.5		5.1		6.7	
m,p -Xylenes	µg/m³	26		24		32	
Bromoform	µg/m³	0.69	JND	0.71	JND	0.75	JND
Styrene	µg/m³	7.7		0.76		1.0	
o-Xylene	µg/m³	6.9		7.2		9.2	
1,1,2,2-Tetrachloroethane	µg/m³	0.69	ND	0.71	ND	0.75	ND
1,3,5-Trimethylbenzene	µg/m³	1.7		1.5		1.8	
1,2,4-Trimethylbenzene	µg/m³	4.7		6.1		7.4	
Benzyl Chloride	µg/m³	0.69	JND	0.71	JND	0.75	JND
1,3-Dichlorobenzene	µg/m³	0.69	ND	0.71	ND	0.75	ND
1,4-Dichlorobenzene	µg/m³	0.69	ND	0.71	ND	0.75	ND
1,2-Dichlorobenzene	µg/m³	0.69	ND	0.71	ND	0.75	ND
1,2,4-Trichlorobenzene	µg/m³	0.69	ND	0.71	ND	0.75	ND
Hexachlorobutadiene	µg/m³	0.69	ND	0.71	ND	0.75	ND

Notes:
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Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Sample ID Sample Date		MRS-SS-62-050107 May-01-2007		MRS-BA-62-050107 May-01-2007		MRS-FA-62-050107 May-01-2007		MRS-OA-62-050107 May-01-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.2		2.1		2.5		2.2	
Chloromethane	µg/m³	0.68	ND	0.77	ND	0.99		0.75	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
Vinyl Chloride	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
Bromomethane	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
Chloroethane	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
Ethanol	µg/m³	14		1,600		990		7.5	
Acetone	µg/m³	15	J	120		87		7.5	ND
Trichlorofluoromethane	µg/m³	1.3		2.1		2.1		1.1	
1,1-Dichloroethene	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.68	JND	1.4	J	1.0	J	0.75	JND
Methylene chloride	µg/m³	0.68	ND	6.6		3.9		0.75	ND
Trichlorotrifluoroethane	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
trans-1,2-Dichloroethene	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
1,1-Dichloroethane	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
Methyl tert-Butyl Ether	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
2-Butanone (MEK)	µg/m³	21		6.3		5.8		0.75	ND
cis-1,2-Dichloroethene	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
n-Hexane	µg/m³	42		3.6		3.3		0.75	ND
Chloroform	µg/m³	0.68	ND	2.4		2.1		0.75	ND
1,2-Dichloroethane	µg/m³	0.68	ND	0.77	ND		ND	0.75	ND
1,1,1-Trichloroethane	µg/m³	2.2		8.3		4.6		0.75	ND
Benzene	µg/m³	2.2		1.5		1.9		0.75	ND
Carbon Tetrachloride	µg/m³	0.33		0.51		0.40		0.35	
Cyclohexane	µg/m³	12		1.0		0.90		0.75	ND
1,2-Dichloropropane	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
Bromodichloromethane	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
Trichloroethene	µg/m³	0.14	ND	0.15	ND	0.17	ND	0.15	ND
1,4-Dioxane	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.68	ND	1.0		1.0		0.75	ND
cis-1,3-Dichloropropene	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
trans-1,3-Dichloropropene	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
1,1,2-Trichloroethane	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
Toluene	µg/m³	16		38		28		0.91	
2-Hexanone	µg/m³	11	J	0.77	ND	0.87	ND	0.75	ND
Dibromochloromethane	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
1,2-Dibromoethane	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
Tetrachloroethene	µg/m³	0.89		0.77	ND	0.87	ND	0.75	ND
Chlorobenzene	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
Ethylbenzene	µg/m³	4.5		3.7		2.7		0.75	ND
m,p -Xylenes	µg/m³	23		15		11		0.75	ND
Bromoform	µg/m³	0.68	JND	0.77	JND	0.87	JND	0.75	JND
Styrene	µg/m³	4.6		0.77	ND	0.87	ND	0.75	ND
o-Xylene	µg/m³	6.8		4.4		3.4		0.75	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
1,3,5-Trimethylbenzene	µg/m³	2.8		1.4		1.3		0.75	ND
1,2,4-Trimethylbenzene	µg/m³	7.0		4.7		4.0		0.75	ND
Benzyl Chloride	µg/m³	0.68	JND	0.77	JND	0.87	JND	0.75	JND
1,3-Dichlorobenzene	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
1,4-Dichlorobenzene	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
1,2-Dichlorobenzene	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
1,2,4-Trichlorobenzene	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND
Hexachlorobutadiene	µg/m³	0.68	ND	0.77	ND	0.87	ND	0.75	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-63-050807		MRS-BA-63-050807		MRS-FA-63-050807		MRS-OA-63-050807	
	Sample Date	May-08-2007		May-08-2007		May-08-2007		May-08-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	2.5		2.1		2.6		2.0	
Chloromethane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Vinyl Chloride	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Bromomethane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Chloroethane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Ethanol	µg/m³	13		68		110		7.0	JND
Acetone	µg/m³	24	J	290	J	73	J	10	
Trichlorofluoromethane	µg/m³	1.5		2.0		2.1		0.95	
1,1-Dichloroethene	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.84	J	0.75	JND	0.82	JND	0.70	JND
Methylene chloride	µg/m³	0.67	ND	22		4.6		0.70	ND
Trichlorotrifluoroethane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
trans-1,2-Dichloroethene	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
1,1-Dichloroethane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Methyl tert-Butyl Ether	µg/m³	0.67	ND	1.8		0.82	ND	0.70	ND
2-Butanone (MEK)	µg/m³	3.5		140		22		1.3	
cis-1,2-Dichloroethene	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
n-Hexane	µg/m³	4.6		38		14		0.70	ND
Chloroform	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
1,2-Dichloroethane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
1,1,1-Trichloroethane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Benzene	µg/m³	1.9		9.8		3.8		0.70	ND
Carbon Tetrachloride	µg/m³	0.32		0.37		0.50		0.31	
Cyclohexane	µg/m³	23		12		1.3		0.70	ND
1,2-Dichloropropane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Bromodichloromethane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Trichloroethene	µg/m³	0.13	ND	0.17		0.16	ND	0.14	ND
1,4-Dioxane	µg/m³	0.67	ND	3.0		0.82	ND	0.70	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.67	ND	8.4		2.9		0.70	ND
cis-1,3-Dichloropropene	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
trans-1,3-Dichloropropene	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
1,1,2-Trichloroethane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Toluene	µg/m³	6.0		45		14		0.70	ND
2-Hexanone	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Dibromochloromethane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
1,2-Dibromoethane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Tetrachloroethene	µg/m³	4.5		0.75	ND	0.82	ND	0.70	ND
Chlorobenzene	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Ethylbenzene	µg/m³	0.86		6.5		3.0		0.70	ND
m,p -Xylenes	µg/m³	9.9		18		12		0.70	ND
Bromoform	µg/m³	0.67	JND	0.75	JND	0.82	JND	0.70	JND
Styrene	µg/m³	0.67	ND	1.2		3.8		0.70	ND
o-Xylene	µg/m³	2.8		3.8		3.5		0.70	ND
1,1,2,2-Tetrachloroethane	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
1,3,5-Trimethylbenzene	µg/m³	2.6		0.75	ND	1.2		0.70	ND
1,2,4-Trimethylbenzene	µg/m³	5.8		1.4		4.2		0.70	ND
Benzyl Chloride	µg/m³	0.67	JND	0.75	JND	0.82	JND	0.70	JND
1,3-Dichlorobenzene	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
1,4-Dichlorobenzene	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
1,2-Dichlorobenzene	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
1,2,4-Trichlorobenzene	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND
Hexachlorobutadiene	µg/m³	0.67	ND	0.75	ND	0.82	ND	0.70	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 5
VAPOR INTRUSION SAMPLING RESULTS FEBRUARY-MAY 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Sample ID		MRS-SS-64-052107		MRS-BA-64-052107		MRS-FA-64-052107		MRS-OA-64-052107	
Sample Date		May-21-2007		May-21-2007		May-21-2007		May-21-2007	
COMPOUND	**UNIT**								
Dichlorodifluoromethane (CFC 12)	µg/m³	3.3		3.2		2.5		2.2	
Chloromethane	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
Vinyl Chloride	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
Bromomethane	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
Chloroethane	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
Ethanol	µg/m³	34		110		410		11	
Acetone	µg/m³	40	J	42		39		13	
Trichlorofluoromethane	µg/m³	22		16		14		1.1	
1,1-Dichloroethene	µg/m³	0.60	ND	0.67	JND	0.75	ND	0.69	ND
2-Methyl-2-Propanol (tert-Butyl Alcohol)	µg/m³	0.62	J	0.67	ND	0.95	J	3.2	
Methylene chloride	µg/m³	0.98		12		4.2		0.69	ND
Trichlorotrifluoroethane	µg/m³	0.64		0.67	ND	0.75	ND	0.69	ND
trans-1,2-Dichloroethene	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
1,1-Dichloroethane	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
Methyl tert-Butyl Ether	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
2-Butanone (MEK)	µg/m³	6.0		16		7.4		2.0	
cis-1,2-Dichloroethene	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
n-Hexane	µg/m³	120		6.4		2.5		0.69	ND
Chloroform	µg/m³	2.2		0.76		3.1		0.69	ND
1,2-Dichloroethane	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
1,1,1-Trichloroethane	µg/m³	13		0.67	ND	0.84		0.69	ND
Benzene	µg/m³	32		0.77		0.75	ND	0.69	ND
Carbon Tetrachloride	µg/m³	0.36		0.48		0.55		0.37	
Cyclohexane	µg/m³	44		1.0		0.75	ND	0.69	ND
1,2-Dichloropropane	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
Bromodichloromethane	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
Trichloroethene	µg/m³	0.98		0.13	ND	0.15	ND	0.14	
1,4-Dioxane	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
2,2,4-Trimethylpentane (Isooctane)	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
cis-1,3-Dichloropropene	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
trans-1,3-Dichloropropene	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
1,1,2-Trichloroethane	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
Toluene	µg/m³	78		45		20		1.4	
2-Hexanone	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
Dibromochloromethane	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
1,2-Dibromoethane	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
Tetrachloroethene	µg/m³	1.1		0.67	ND	0.75	ND	0.69	ND
Chlorobenzene	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
Ethylbenzene	µg/m³	7.5		2.0		1.3		0.69	ND
m,p -Xylenes	µg/m³	82		8.7		5.4		2.1	
Bromoform	µg/m³	0.60	JND	0.67	JND	0.75	JND	0.69	JND
Styrene	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
o-Xylene	µg/m³	20		2.4		1.7		1.1	
1,1,2,2-Tetrachloroethane	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
1,3,5-Trimethylbenzene	µg/m³	11		1.1		0.85		0.69	ND
1,2,4-Trimethylbenzene	µg/m³	19		4.2		3.1		1.2	
Benzyl Chloride	µg/m³	0.60	JND	0.67	JND	0.75	JND	0.69	JND
1,3-Dichlorobenzene	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
1,4-Dichlorobenzene	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
1,2-Dichlorobenzene	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
1,2,4-Trichlorobenzene	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND
Hexachlorobutadiene	µg/m³	0.60	ND	0.67	ND	0.75	ND	0.69	ND

Notes:
ND: Compound not detected, Method Reporting Limit (MRL) listed
U: Qualified by data validator to non-detect
J: Estimated
NJ: Tentative in identification and estimated by data validator
M: Matrix interference; results may be biased high.

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-BA-28-121107	MRS-OA-28-121107
	Units	ug/m3	ug/m3
COMPOUND	CAS #		
Dichlorodifluoromethane	75-71-8	2.47 U	2.47 U
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U
Chloromethane	74-87-3	1.02 U	1.02 U
Vinyl Chloride	75-01-4	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	2.8 U	2.8 U
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	0.61 J	3.82 U
Bromoethene	593-60-2	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U
Acetone	67-64-1	40.4	14.5
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U
Methylene Chloride	75-09-2	29.2	22.8
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U
Cyclohexane	110-82-7	1.68 U	1.68 U
2-Butanone	78-93-3	2.65	1.47 U
Carbon Tetrachloride	56-23-5	0.44 J	0.5 J
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U
Chloroform	67-66-3	0.78 J	2.43 U
1,4-Dioxane	123-91-1	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	2.72 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	0.65 J	2.33 U
Benzene	71-43-2	3.8	0.99 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U
Toluene	108-88-3	20.9	2.11
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U
2-Hexanone	591-78-6	2.04 U	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U
Tetrachloroethene	127-18-4	4.55	3.39 U
Chlorobenzene	108-90-7	2.31 U	2.31 U
Ethyl Benzene	100-41-4	1.73 J	2.17 U
m/p-Xylene	126777-61-2	6.16	0.78 J
o-Xylene	95-47-6	2.12 J	1 J
Styrene	100-42-5	0.34 J	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	2.06 J	4.91
1,2,4-Trimethylbenzene	95-63-6	6.97	15.8
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	1.11 J	0.74 J
Hexachloro-1,3-Butadiene	87-68-3	5.34 UJ	5.34 UJ
Hexane	110-54-3	1.76 U	1.76 U
Benzyl Chloride	100-44-7	2.88 UJ	2.88 UJ

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-65-121107	MRS-BA-65-121107	MRS-FA-65-121107	MRS-OA-65-121107
	Units	ug/m3	ug/m3	ug/m3	ug/m3
COMPOUND	CAS #				
Dichlorodifluoromethane	75-71-8	2.47 J	2.47 U	2.47 U	2.47 U
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U	1.51 U	1.51 U
Chloromethane	74-87-3	1.02 U	1.02 U	1.02 U	1.02 U
Vinyl Chloride	75-01-4	1.28 U	1.28 U	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	1.4 J	2.8 U	2.8 U	2.8 U
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	3.82 U	3.82 U	3.82 U	3.82 U
Bromoethene	593-60-2	2.19 U	2.19 U	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U	1.98 U	1.98 U
Acetone	67-64-1	18.2	29.5	29.4	5.08
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U	1.8 U	1.8 U
Methylene Chloride	75-09-2	12	22.6	11.8	5.84
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U	2.02 U	2.02 U
Cyclohexane	110-82-7	2.15	1.68 U	1.68 U	1.68 U
2-Butanone	78-93-3	2.59	2.5	1.68	1.47 U
Carbon Tetrachloride	56-23-5	0.31 U	0.5 J	0.57 J	0.31 U
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U	1.98 U	1.98 U
Chloroform	67-66-3	2.43 U	0.58 J	0.88 J	2.43 U
1,4-Dioxane	123-91-1	1.22 J	1.8 U	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	2.72 U	2.72 U	2.72 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	2.33 U	0.47 J	2.33 U	2.33 U
Benzene	71-43-2	2.33	1.24 J	1.05 J	0.51 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U	3.35 U	3.35 U
Toluene	108-88-3	13.1	18.7	7.41	2.11
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U	2.72 U	2.72 U
2-Hexanone	591-78-6	2.04 U	2.04 U	2.04 U	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U	3.84 U	3.84 U
Tetrachloroethene	127-18-4	0.88 J	1.49 J	0.75 J	3.39 U
Chlorobenzene	108-90-7	2.31 U	2.31 U	2.31 U	2.31 U
Ethyl Benzene	100-41-4	0.78 J	1.21 J	0.48 J	2.17 U
m/p-Xylene	126777-61-2	3.64	2.99	1.17 J	2.17 U
o-Xylene	95-47-6	1.08 J	1.08 J	0.65 J	2.17 U
Styrene	100-42-5	2.13 U	2.13 U	2.13 U	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	1.57 J	0.79 J	1.72 J	2.45 U
1,2,4-Trimethylbenzene	95-63-6	4.52	2.65	6.33	0.59 J
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	3.7 U	0.81 J	0.96 J	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 UJ	5.34 UJ	5.34 UJ	5.34 UJ
Hexane	110-54-3	5.07	1.76 U	1.76 U	1.76 U
Benzyl Chloride	100-44-7	2.88 UJ	2.88 UJ	2.88 UJ	2.88 UJ

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-66-121107	MRS-BA-66-121107	MRS-FA-66-121107	MRS-DUP-X (FA-66)-121107	MRS-OA-28-121107
	Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
COMPOUND	**CAS #**					
Dichlorodifluoromethane	75-71-8	2.47 U	2.47 U	11	11.2	2.47 U
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U	1.51 U	1.51 U	1.51 U
Chloromethane	74-87-3	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
Vinyl Chloride	75-01-4	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U	1.33 U	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	1.51 J	2.02 J	2.8 J	2.97	2.8 U
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	3.82 U	3.82 U	3.82 U	1.07 J	3.82 U
Bromoethene	593-60-2	2.19 U	2.19 U	2.19 U	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U	1.98 U	1.98 U	1.98 U
Acetone	67-64-1	11.5	14.4 J	29.8 J	29.1	14.5
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Methylene Chloride	75-09-2	15.8	8.59	12.4	12.2	22.8
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U	1.98 U	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U	2.02 U	2.02 U	2.02 U
Cyclohexane	110-82-7	1.68 U	1.68 U	1.68 U	1.68 U	1.68 U
2-Butanone	78-93-3	1.47 U	1.77	3.24	3.68	1.47 U
Carbon Tetrachloride	56-23-5	0.31 U	0.31 U	0.63 J	0.69 J	0.5 J
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U	1.98 U	1.98 U	1.98 U
Chloroform	67-66-3	2.43 U	2.43 U	2.43 U	2.14 J	2.43 U
1,4-Dioxane	123-91-1	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	2.72 U	2.72 U	2.72 U	2.72 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	2.33 U	7.09	9.51	12.2	2.33 U
Benzene	71-43-2	2.46	10.2	13.5	14.6	0.99 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U	2.02 U	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U	2.31 U	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U	3.35 U	3.35 U	3.35 U
Toluene	108-88-3	8.84	53.1	73	77.5	2.11
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U	2.27 U	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U	2.27 U	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U	2.72 U	2.72 U	2.72 U
2-Hexanone	591-78-6	2.04 U	2.04 U	2.04 U	2.04 U	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U	4.25 U	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U	3.84 U	3.84 U	3.84 U
Tetrachloroethene	127-18-4	1.49 J	4.62	1.29 J	0.88 J	3.39 U
Chlorobenzene	108-90-7	2.31 U	2.31 U	2.31 U	2.31 U	2.31 U
Ethyl Benzene	100-41-4	1.08 J	8.19	10.7	13	2.17 U
m/p-Xylene	126777-61-2	3.56	29.1	40.4	48.3	0.78 J
o-Xylene	95-47-6	1.52 J	10.9	14.7	18	1 J
Styrene	100-42-5	2.13 U	2.13 U	0.43 J	0.55 J	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U	5.17 U	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U	3.44 U	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	1.42 J	4.17	4.86	8.98	4.91
1,2,4-Trimethylbenzene	95-63-6	4.71	13.7	16.3	27.4	15.8
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U	3.01 U	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U	3.01 U	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U	3.01 U	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	0.96 J	1.04 J	1.11 J	1.41 J	0.74 J
Hexachloro-1,3-Butadiene	87-68-3	5.34 UJ	5.34 UJ	5.34 UJ	1.07 J	5.34 UJ
Hexane	110-54-3	1.76 U	1.76 U	1.76 U	1.76 U	1.76 U
Benzyl Chloride	100-44-7	2.88 UJ	2.88 UJ	2.88 UJ	2.88 UJ	2.88 UJ

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-67-121107	MRS-BA-67-121107	MRS-FA-67-121107	MRS-OA-28-121107
	Units	ug/m3	ug/m3	ug/m3	ug/m3
COMPOUND	CAS #				
Dichlorodifluoromethane	75-71-8	2.47 U	2.47 U	2.47 U	2.47 U
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U	1.51 U	1.51 U
Chloromethane	74-87-3	1.02 U	1.02 U	1.02 U	1.02 U
Vinyl Chloride	75-01-4	1.28 U	1.28 U	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	2.8 U	2.8 U	2.8 U	2.8 U
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	3.82 U	3.82 U	3.82 U	3.82 U
Bromoethene	593-60-2	2.19 U	2.19 U	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U	1.98 U	1.98 U
Acetone	67-64-1	27.4 J	1.19 U	70.5	14.5
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U	1.8 U	1.8 U
Methylene Chloride	75-09-2	28.4	1.74 U	25.4	22.8
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U	2.02 U	2.02 U
Cyclohexane	110-82-7	1.68 U	44.4	1.68 U	1.68 U
2-Butanone	78-93-3	6.01	8.75	4.53	1.47 U
Carbon Tetrachloride	56-23-5	0.31 U	0.31 U	0.5 J	0.5 J
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U	1.98 U	1.98 U
Chloroform	67-66-3	2.43 U	2.43 U	0.73 J	2.43 U
1,4-Dioxane	123-91-1	1.8 U	1.8 U	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	2.72 U	9.52	2.72 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	7.6	363	0.47 J	2.33 U
Benzene	71-43-2	16.2	182	1.95	0.99 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U	3.35 U	3.35 U
Toluene	108-88-3	36.4	1208	5.87	2.11
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U	2.72 U	2.72 U
2-Hexanone	591-78-6	2.04 U	2.04 U	2.04 U	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U	3.84 U	3.84 U
Tetrachloroethene	127-18-4	1.22 J	5.36	3.6	3.39 U
Chlorobenzene	108-90-7	2.31 U	2.31 U	2.31 U	2.31 U
Ethyl Benzene	100-41-4	4.03	181	0.78 J	2.17 U
m/p-Xylene	126777-61-2	14.5	658	2.08 J	0.78 J
o-Xylene	95-47-6	5.16	252	0.78 J	1 J
Styrene	100-42-5	2.13 U	1.28 J	2.13 U	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	3.53	74.6	2.45 U	4.91
1,2,4-Trimethylbenzene	95-63-6	12.5	217	1.23 J	15.8
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	1.18 J	1.18 J	3.7 U	0.74 J
Hexachloro-1,3-Butadiene	87-68-3	0.85 J	5.34 UJ	5.34 UJ	5.34 UJ
Hexane	110-54-3	1.76 U	241	1.76 U	1.76 U
Benzyl Chloride	100-44-7	2.88 UJ	2.88 UJ	2.88 UJ	2.88 UJ

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-68-121107	MRS-BA-68-121107	MRS-FA-68-121107	MRS-OA-65-121107
	Units	ug/m3	ug/m3	ug/m3	ug/m3
COMPOUND	CAS #				
Dichlorodifluoromethane	75-71-8	2.47 U	2.47 U	2.47 U	2.47 U
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U	1.51 U	1.51 U
Chloromethane	74-87-3	1.02 U	1.02 U	1.02 U	1.02 U
Vinyl Chloride	75-01-4	1.28 U	1.28 U	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	2.8 U	1.29 J	1.4 J	2.8 U
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	3.82 U	3.82 U	3.82 U	3.82 U
Bromoethene	593-60-2	2.19 U	2.19 U	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U	1.98 U	1.98 U
Acetone	67-64-1	7.83 J	14.7 J	21.3	5.08
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U	1.8 U	1.8 U
Methylene Chloride	75-09-2	6.5	22.7	22.5	5.84
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U	2.02 U	2.02 U
Cyclohexane	110-82-7	1.68 U	1.68 U	1.68 U	1.68 U
2-Butanone	78-93-3	1.47 U	2.68	3.8	1.47 U
Carbon Tetrachloride	56-23-5	0.31 U	0.44 J	0.5 J	0.31 U
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U	1.98 U	1.98 U
Chloroform	67-66-3	2.43 U	2.43 U	2.43 U	2.43 U
1,4-Dioxane	123-91-1	1.8 U	1.8 U	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	2.72 U	2.72 U	2.72 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	2.33 U	2.84	2.84	2.33 U
Benzene	71-43-2	7.05	24.2	25.3	0.51 J
1,2-Dichloroethane	107-06-2	2.02 U	8.22	7.57 NJ	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U	3.35 U	3.35 U
Toluene	108-88-3	13	70.2	75	2.11
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U	2.72 U	2.72 U
2-Hexanone	591-78-6	2.04 U	2.04 U	2.04 U	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U	3.84 U	3.84 U
Tetrachloroethene	127-18-4	7.81	6.04	2.31 J	3.39 U
Chlorobenzene	108-90-7	2.31 U	2.31 U	2.31 U	2.31 U
Ethyl Benzene	100-41-4	1.17 J	7.59	7.2	2.17 U
m/p-Xylene	126777-61-2	4.38	27.7	26.1	2.17 U
o-Xylene	95-47-6	1.39 J	9.41	8.71	2.17 U
Styrene	100-42-5	2.13 U	0.55 J	0.64 J	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	1.37 J	3.34	3.04	2.45 U
1,2,4-Trimethylbenzene	95-63-6	4.32	12.3	11.9	0.59 J
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	1.04 J	3.7 U	0.96 J	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 UJ	5.34 UJ	5.34 UJ	5.34 UJ
Hexane	110-54-3	1.76 U	1.76 U	1.76 U	1.76 U
Benzyl Chloride	100-44-7	2.88 UJ	2.88 UJ	2.88 UJ	2.88 UJ

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-BA-15-121207	MRS-OA-15-121207
	Units	ug/m3	ug/m3
COMPOUND	CAS #		
Dichlorodifluoromethane	75-71-8	2.42 J	2.42 J
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U
Chloromethane	74-87-3	3.13	2.74
Vinyl Chloride	75-01-4	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	1.74 J	1.46 J
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	0.76 J	0.76 J
Bromoethene	593-60-2	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U
Acetone	67-64-1	34.6 J	16 J
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U
Methylene Chloride	75-09-2	7.2	15.7
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U
Cyclohexane	110-82-7	0.5 J	1.68 U
2-Butanone	78-93-3	2.41	1.03 J
Carbon Tetrachloride	56-23-5	0.44 J	0.44 J
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U
Chloroform	67-66-3	0.58 J	2.43 U
1,4-Dioxane	123-91-1	1.66 J	1.8 U
1,1,1-Trichloroethane	71-55-6	2.72 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	0.93 J	2.33 U
Benzene	71-43-2	2.71	0.57 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U
Toluene	108-88-3	15.8	0.87 J
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U
2-Hexanone	591-78-6	1.02 J	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U
Tetrachloroethene	127-18-4	6.04	1.22 J
Chlorobenzene	108-90-7	2.31 U	2.31 U
Ethyl Benzene	100-41-4	1.13 J	2.17 U
m/p-Xylene	126777-61-2	2.69	2.17 U
o-Xylene	95-47-6	0.95 J	2.17 U
Styrene	100-42-5	2.13 U	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	2.45 U	2.45 U
1,2,4-Trimethylbenzene	95-63-6	1.33 J	0.59 J
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	3.7 U	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 UJ	5.34 UJ
Hexane	110-54-3	2.71	4.61
Benzyl Chloride	100-44-7	2.88 UJ	2.88 UJ

Qualifiers

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J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-49-121207	MRS-BA-49-121207	MRS-DUP-Y (BA-49)-121207	MRS-FA-49-121207	MRS-OA-69-121207
	Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
COMPOUND	**CAS #**					
Dichlorodifluoromethane	75-71-8	2.47 U	2.42 J	2.42 J	2.47 U	2.57
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U	1.51 U	1.51 U	1.51 U
Chloromethane	74-87-3	1.02 U	1.72	1.08	1.02 U	1.23
Vinyl Chloride	75-01-4	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U	1.33 U	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	2.91	2.86	2.86	2.8 U	1.51 J
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	1.22 J	0.76 J	0.76 J	3.82 U	0.76 J
Bromoethene	593-60-2	2.19 U	2.19 U	2.19 U	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U	1.98 U	1.98 U	1.98 U
Acetone	67-64-1	28.8	48.7	50.1	68.1	8.09 J
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Methylene Chloride	75-09-2	25.4	23.4	24.9	20.5	14.4
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U	1.98 U	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U	2.02 U	2.02 U	2.02 U
Cyclohexane	110-82-7	1.68 U	0.94 J	0.57 J	1.68 U	1.68 U
2-Butanone	78-93-3	4.77	5.01	3.98	4.71	0.62 J
Carbon Tetrachloride	56-23-5	0.31 U	0.38 J	0.44 J	0.31 U	0.44 J
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U	1.98 U	1.98 U	1.98 U
Chloroform	67-66-3	2.43 U	0.54 J	0.58 J	0.83 U	2.43 U
1,4-Dioxane	123-91-1	1.8 U	1.73 J	0.47 NJ	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	7.4	2.72 U	2.72 U	2.72 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	2.33 U	2.33 U	2.33 U	2.33 U	0.28 J
Benzene	71-43-2	2.17	1.75	1.75	1.98	0.86 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U	2.02 U	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U	2.31 U	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U	3.35 U	3.35 U	3.35 U
Toluene	108-88-3	8.99	4.74	4.89	5.68	6.96
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U	2.27 U	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U	2.27 U	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U	2.72 U	2.72 U	2.72 U
2-Hexanone	591-78-6	2.04 U	0.49 J	0.65 J	2.04 U	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U	4.25 U	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U	3.84 U	3.84 U	3.84 U
Tetrachloroethene	127-18-4	2.85 J	8.42	8.42	4.62	2.1 J
Chlorobenzene	108-90-7	2.31 U	2.31 U	2.31 U	2.31 U	2.31 U
Ethyl Benzene	100-41-4	1.21 J	0.74 J	0.78 J	0.65 U	0.52 J
m/p-Xylene	126777-61-2	8.89	2.21	2.51	1.82 J	1.34 J
o-Xylene	95-47-6	2.25	0.82 J	0.95 J	0.65 U	0.56 J
Styrene	100-42-5	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U	5.17 U	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U	3.44 U	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	2.21 J	2.45 U	0.59 J	2.45 U	0.83 J
1,2,4-Trimethylbenzene	95-63-6	4.22	1.18 J	2.31 J	2.45 U	2.99
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U	3.01 U	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U	3.01 U	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U	3.01 U	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	2 J	3.7 U	3.7 U	3.7 U	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 U	5.34 UJ	5.34 UJ	5.34 U	5.34 UJ
Hexane	110-54-3	8.79	3.97 J	7.28 J	1.76 U	1.55 J
Benzyl Chloride	100-44-7	2.88 U	2.88 UJ	2.88 UJ	2.88 U	2.88 UJ

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-69-121207	MRS-BA-69-121207	MRS-FA-69-121207	MRS-OA-69-121207
	Units	ug/m3	ug/m3	ug/m3	ug/m3
COMPOUND	CAS #				
Dichlorodifluoromethane	75-71-8	4.01 NJ	2.47 J	2.52	2.57
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U	1.51 U	1.51 U
Chloromethane	74-87-3	1.02 U	1.02 NJ	1.19	1.23
Vinyl Chloride	75-01-4	1.28 U	1.28 U	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	1.62 J	2.8 U	1.51 J	1.51 J
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	0.84 J	3.82 U	3.82 U	0.76 J
Bromoethene	593-60-2	2.19 U	2.19 U	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U	1.98 U	1.98 U
Acetone	67-64-1	14.1 J	12 J	17.4 J	8.09 J
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.69 J	1.51 J	1.8 U
Methylene Chloride	75-09-2	34.05	27.9	5.98	14.4
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U	2.02 U	2.02 U
Cyclohexane	110-82-7	1.72 U	1.68 U	1.72 U	1.68 U
2-Butanone	78-93-3	1 J	1.27 J	1.27 J	0.62 J
Carbon Tetrachloride	56-23-5	0.38 J	0.31 U	0.5 J	0.44 J
cis-1,2-Dichloroethene	156-59-2	0.44 J	1.98 U	1.98 U	1.98 U
Chloroform	67-66-3	2.43 U	2.43 U	1.27 J	2.43 U
1,4-Dioxane	123-91-1	1.8 U	1.8 U	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	2.72 U	2.72 U	2.73 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	2.33 U	0.98 J	1.21 J	0.28 J
Benzene	71-43-2	1.37 J	3.48	3.64	0.86 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U	3.35 U	3.35 U
Toluene	108-88-3	7.56	20.9	29.9	6.96
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U	2.72 U	2.72 U
2-Hexanone	591-78-6	2.04 U	2.04 U	2.04 U	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U	3.84 U	3.84 U
Tetrachloroethene	127-18-4	58	47.3	20.6	2.1 J
Chlorobenzene	108-90-7	2.31 U	2.31 U	2.31 U	2.31 U
Ethyl Benzene	100-41-4	0.91 J	2.34	3.51	0.52 J
m/p-Xylene	126777-61-2	3.42	7.82	9.45	1.34 J
o-Xylene	95-47-6	1.08 J	2.86	3.21	0.56 J
Styrene	100-42-5	2.13 U	2.13 U	0.43 J	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	2.16 J	1.18 J	1.77 J	0.83 J
1,2,4-Trimethylbenzene	95-63-6	6.48	4.71	5.74	2.99
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	1.04 J	1.04 J	3.7 U	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 UJ	5.34 UJ	5.34 UJ	5.34 UJ
Hexane	110-54-3	7.67	1.76 U	4.4 NJ	1.55 J
Benzyl Chloride	100-44-7	2.88 UJ	2.88 UJ	2.88 UJ	2.88 UJ

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-70-121207	MRS-BA-70-121207	MRS-FA-70-121207	MRS-OA-69-121207
	Units	ug/m3	ug/m3	ug/m3	ug/m3
COMPOUND	**CAS #**				
Dichlorodifluoromethane	75-71-8	2.47 U	3.02	2.77	2.57
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U	1.51 U	1.51 U
Chloromethane	74-87-3	36.2	1.02 U	2.29 U	1.23
Vinyl Chloride	75-01-4	1.28 U	1.28 U	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	2.8 U	1.46 J	1.57 J	1.51 J
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	3.82 U	0.76 J	0.76 J	0.76 J
Bromoethene	593-60-2	2.19 U	2.19 U	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U	1.98 U	1.98 U
Acetone	67-64-1	52.7	21.5 J	36.7 J	8.09 J
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U	1.8 U	1.8 U
Methylene Chloride	75-09-2	4.76	5.42	38.1	14.4
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U	2.02 U	2.02 U
Cyclohexane	110-82-7	1.68 U	1.72 U	0.91 J	1.68 U
2-Butanone	78-93-3	7.83	3.98	3.89	0.62 J
Carbon Tetrachloride	56-23-5	0.31 U	0.44 J	0.44 J	0.44 J
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U	1.98 U	1.98 U
Chloroform	67-66-3	2.82	2.44 U	0.73 J	2.43 U
1,4-Dioxane	123-91-1	1.8 U	4.75	2.27	1.8 U
1,1,1-Trichloroethane	71-55-6	2.72 U	2.72 U	2.72 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	2.33 U	2.05 J	1.4 J	0.28 J
Benzene	71-43-2	3.03	8.01	5.17	0.86 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U	1.77 J	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U	3.35 U	3.35 U
Toluene	108-88-3	7.15	37.9	28.4	6.96
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U	2.72 U	2.72 U
2-Hexanone	591-78-6	2.04 U	0.78 J	0.61 J	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U	3.84 U	3.84 U
Tetrachloroethene	127-18-4	13.4	3.39 J	2.72 J	2.1 J
Chlorobenzene	108-90-7	2.31 U	2.31 U	2.31 U	2.31 U
Ethyl Benzene	100-41-4	1 J	5.29	3.86	0.52 J
m/p-Xylene	126777-61-2	7.93	18	13.1	1.34 J
o-Xylene	95-47-6	2.17 J	6.52	4.68	0.56 J
Styrene	100-42-5	2.13 U	0.43 J	0.55 J	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	3.68	1.23 J	0.98 J	0.83 J
1,2,4-Trimethylbenzene	95-63-6	7.51	5.1	4.07	2.99
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	3.7 U	0.96 J	1.48 J	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 UJ	5.34 UJ	5.34 UJ	5.34 UJ
Hexane	110-54-3	1.76 U	8.65	11.7	1.55 J
Benzyl Chloride	100-44-7	2.88 UJ	2.88 UJ	2.88 UJ	2.88 UJ

Qualifiers

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J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-26-121707	MRS-BA-26-121707	MRS-OA-26-121707
	Units	ug/m3	ug/m3	ug/m3
COMPOUND	CAS #			
Dichlorodifluoromethane	75-71-8	3.12 NJ	2.72	2.42 J
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U	1.51 U
Chloromethane	74-87-3	1.02 U	1.02 U	1.02 U
Vinyl Chloride	75-01-4	1.28 U	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	2.8 U	2.8 U	1.4 J
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	0.92 J	3.82 U	3.82 U
Bromoethene	593-60-2	2.19 U	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U	1.98 U
Acetone	67-64-1	24.2	36.8	6.83
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U	1.8 U
Methylene Chloride	75-09-2	7.72	4.45	1.81
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U	2.02 U
Cyclohexane	110-82-7	1.68 U	1.68 U	1.68 U
2-Butanone	78-93-3	4.36	2.3	0.94 J
Carbon Tetrachloride	56-23-5	0.76 J	0.76 J	0.5 J
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U	1.98 U
Chloroform	67-66-3	13	3.5	2.43 U
1,4-Dioxane	123-91-1	1.8 U	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	6.53	1.09 J	2.72 U
2,2,4-Trimethylpentane	540-84-1	2.33 U	2.52	2.33 U
Benzene	71-43-2	4.34	3.86	0.77 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U	3.35 U
Toluene	108-88-3	13	13.4	0.9 J
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U	2.72 U
2-Hexanone	591-78-6	2.05 U	2.04 U	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U	3.84 U
Tetrachloroethene	127-18-4	28.2	9.44	4.41
Chlorobenzene	108-90-7	2.31 U	2.31 U	2.31 U
Ethyl Benzene	100-41-4	2.34	1.82 J	2.17 U
m/p-Xylene	126777-61-2	12.6	4.68	2.17 U
o-Xylene	95-47-6	3.42	1.52 J	2.17 U
Styrene	100-42-5	2.13 U	2.13 U	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	4.47	0.49 J	2.45 U
1,2,4-Trimethylbenzene	95-63-6	12.3	1.57 J	2.45 U
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	1.41 J	3.7 U	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 U	5.34 U	5.34 U
Hexane	110-54-3	1.76 U	22.4	1.76 U
Benzyl Chloride	100-44-7	2.88 U	2.88 U	2.88 U

Qualifiers

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J - Estimated

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Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-BA-21-121807	MRS-FA-21-121807	MRS-OA-32-121807
	Units	ug/m3	ug/m3	ug/m3
COMPOUND	CAS #			
Dichlorodifluoromethane	75-71-8	3.07	2.47 U	2.67
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U	1.51 U
Chloromethane	74-87-3	1.02 U	1.02 U	1.02 U
Vinyl Chloride	75-01-4	1.28 U	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	2.8 U	2.8 U	2.8 U
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	3.82 U	3.82 U	3.82 U
Bromoethene	593-60-2	2.19 U	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U	1.98 U
Acetone	67-64-1	40.5	57.6	16.4
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U	1.8 U
Methylene Chloride	75-09-2	5.01	11.2	14.6
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U	2.02 U
Cyclohexane	110-82-7	1.68 U	1.68 U	1.68 U
2-Butanone	78-93-3	8.83	9.01	1.88
Carbon Tetrachloride	56-23-5	0.57 J	0.31 U	0.5 J
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U	1.98 U
Chloroform	67-66-3	1.22 J	2.43 U	2.43 U
1,4-Dioxane	123-91-1	1.8 U	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	2.72 U	2.72 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	2 J	1.91 J	0.47 J
Benzene	71-43-2	3.03	3.35	1.18 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U	3.35 U
Toluene	108-88-3	16.5	15.4	3.35
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U	2.72 U
2-Hexanone	591-78-6	2.04 U	2.04 U	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U	3.84 U
Tetrachloroethene	127-18-4	10.7	6.52	1.43 J
Chlorobenzene	108-90-7	2.31 U	2.31 U	2.31 U
Ethyl Benzene	100-41-4	2.08 J	2.17 J	0.87 J
m/p-Xylene	126777-61-2	6.03	6.42	2.86
o-Xylene	95-47-6	1.95 J	1.99 J	0.87 J
Styrene	100-42-5	0.43 J	0.47 J	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	0.79 J	0.69 J	2.45 U
1,2,4-Trimethylbenzene	95-63-6	2.5	2.01 J	0.54 J
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	3.7 U	3.7 U	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 U	5.34 U	5.34 U
Hexane	110-54-3	1.76 U	1.76 U	1.76 U
Benzyl Chloride	100-44-7	2.88 U	2.88 U	2.88 U

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-BA-32-121807	MRS-OA-32-121807
	Units	ug/m3	ug/m3
COMPOUND	**CAS #**		
Dichlorodifluoromethane	75-71-8	7.08	2.67
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U
Chloromethane	74-87-3	1.02 U	1.02 U
Vinyl Chloride	75-01-4	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	2.8 U	2.8 U
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	0.76 J	3.82 U
Bromoethene	593-60-2	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U
Acetone	67-64-1	52.7	16.4
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U
Methylene Chloride	75-09-2	12.4	14.6
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U
Cyclohexane	110-82-7	1.68 U	1.68 U
2-Butanone	78-93-3	6.8	1.88
Carbon Tetrachloride	56-23-5	0.69 J	0.5 J
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U
Chloroform	67-66-3	2.43 U	2.43 U
1,4-Dioxane	123-91-1	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	0.71 J	2.72 U
2,2,4-Trimethylpentane	540-84-1	3.92	0.47 J
Benzene	71-43-2	10.7	1.18 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U
Toluene	108-88-3	46.1	3.35
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U
2-Hexanone	591-78-6	2.04 U	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U
Tetrachloroethene	127-18-4	2.17 J	1.43 J
Chlorobenzene	108-90-7	2.31 U	2.31 U
Ethyl Benzene	100-41-4	7.8	0.87 J
m/p-Xylene	126777-61-2	39.6	2.86
o-Xylene	95-47-6	12.7	0.87 J
Styrene	100-42-5	1.79 J	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	2.9	2.45 U
1,2,4-Trimethylbenzene	95-63-6	8.98	0.54 J
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	3.7 U	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 U	5.34 U
Hexane	110-54-3	1.76 U	1.76 U
Benzyl Chloride	100-44-7	2.88 U	2.88 U

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-BA-59-121907	MRS-OA-59-121907
	Units	ug/m3	ug/m3
COMPOUND	CAS #		
Dichlorodifluoromethane	75-71-8	4.5	2.34 J
tert-Butyl alcohol	75-65-0	2.12 U	1.82 U
Chloromethane	74-87-3	1.43 U	1.37
Vinyl Chloride	75-01-4	1.79 UJ	1.53 UJ
Chloroethane	75-00-3	1.86 U	1.6 U
Trichlorofluoromethane	75-69-4	2.11 J	1.23 J
Dichlorotetrafluoroethane	76-14-2	4.9 U	4.2 U
1,1,2-Trichlorotrifluoroethane	76-13-1	0.5 J	4.59 U
Bromoethene	593-60-2	3.06 U	2.63 U
1,1-Dichloroethene	75-35-4	2.78 U	2.38 U
Acetone	67-64-1	21	17.2
Methyl tert-Butyl Ether	1634-04-4	2.52 U	2.16 U
Methylene Chloride	75-09-2	5.56	14.1
trans-1,2-Dichloroethene	156-60-5	2.78 U	2.38 U
1,1-Dichloroethane	75-34-3	2.83 U	2.43 U
Cyclohexane	110-82-7	2.22	0.33 J
2-Butanone	78-93-3	3.71	2.98
Carbon Tetrachloride	56-23-5	0.57 J	0.48 J
cis-1,2-Dichloroethene	156-59-2	2.58 J	1.48 J
Chloroform	67-66-3	0.95 J	2.92 U
1,4-Dioxane	123-91-1	2.52 U	3.44 NJ
1,1,1-Trichloroethane	71-55-6	1.13 J	3.26 U
2,2,4-Trimethylpentane	540-84-1	9.27	2.8 U
Benzene	71-43-2	14.1	1.65 J
1,2-Dichloroethane	107-06-2	2.83 U	2.43 U
Trichloroethene	79-01-6	1.53 J	0.94 J
1,2-Dichloropropane	78-87-5	3.24 U	2.77 U
Bromodichloromethane	75-27-4	4.7 U	4.02 U
Toluene	108-88-3	52.1	2.57
t-1,3-Dichloropropene	10061-02-6	3.18 U	2.72 U
cis-1,3-Dichloropropene	10061-01-5	3.18 U	2.72 U
1,1,2-Trichloroethane	79-00-5	3.81 U	3.26 U
2-Hexanone	591-78-6	2.23 J	3.28
Dibromochloromethane	124-48-1	5.96 U	5.1 U
1,2-Dibromoethane	106-93-4	5.38 U	4.61 U
Tetrachloroethene	127-18-4	35.9	21.3
Chlorobenzene	108-90-7	3.24 U	2.77 U
Ethyl Benzene	100-41-4	8.12	0.48 J
m/p-Xylene	126777-61-2	27.1	1.34 J
o-Xylene	95-47-6	10.3	2.6 U
Styrene	100-42-5	2.98 U	2.55 U
Bromoform	75-25-2	7.24 U	1.48 J
1,1,2,2-Tetrachloroethane	79-34-5	4.81 U	4.12 U
1,3,5-Trimethylbenzene	108-67-8	2.36 J	0.32 J
1,2,4-Trimethylbenzene	95-63-6	9.06	0.76 J
1,3-Dichlorobenzene	541-73-1	4.21 U	3.61 U
1,4-Dichlorobenzene	106-46-7	4.21 U	3.61 U
1,2-Dichlorobenzene	95-50-1	4.21 U	3.61 U
1,2,4-Trichlorobenzene	120-82-1	2.02 J	2.61 J
Hexachloro-1,3-Butadiene	87-68-3	2.64 J	3.17 J
Hexane	110-54-3	22.9	2.11 U
Benzyl Chloride	100-44-7	2.47 J	3.93 NJ

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-CS-71-122007	MRS-FA-71-122007	MRS-OA-71-122007
	Units	ug/m3	ug/m3	ug/m3
COMPOUND	**CAS #**			
Dichlorodifluoromethane	75-71-8	3.76	3.46 U	2.47 J
tert-Butyl alcohol	75-65-0	1.82 U	2.12 U	1.51 U
Chloromethane	74-87-3	0.7 J	1.78 J	1.04
Vinyl Chloride	75-01-4	1.53 UJ	1.79 U	1.28 UJ
Chloroethane	75-00-3	1.6 U	1.86 U	1.33 U
Trichlorofluoromethane	75-69-4	1.11 J	1.46 J	1.18 J
Dichlorotetrafluoroethane	76-14-2	4.2 U	4.9 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	4.59 U	5.35 U	3.82 U
Bromoethene	593-60-2	2.63 U	3.06 U	2.19 U
1,1-Dichloroethene	75-35-4	2.38 U	2.78 U	1.98 U
Acetone	67-64-1	12.5	36.7	11.2
Methyl tert-Butyl Ether	1634-04-4	2.16 U	2.52 U	1.8 U
Methylene Chloride	75-09-2	4.67	5.51	12.4
trans-1,2-Dichloroethene	156-60-5	2.38 U	2.78 U	1.98 U
1,1-Dichloroethane	75-34-3	2.43 U	2.83 U	2.02 U
Cyclohexane	110-82-7	0.63 J	1.31 J	0.34 J
2-Butanone	78-93-3	1.49 J	2.41	1.5
Carbon Tetrachloride	56-23-5	0.48 J	0.49 J	0.44 J
cis-1,2-Dichloroethene	156-59-2	1.35 J	1.75 J	0.67 J
Chloroform	67-66-3	2.92 U	1.71 J	2.43 U
1,4-Dioxane	123-91-1	2.16 U	2.52 U	1.8 U
1,1,1-Trichloroethane	71-55-6	3.26 U	3.81 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	1.33 J	2.61 J	0.7 J
Benzene	71-43-2	0.95 J	1.7 J	1.08 J
1,2-Dichloroethane	107-06-2	2.43 U	2.83 U	2.02 U
Trichloroethene	79-01-6	1.24 J	1.46 J	0.86 J
1,2-Dichloropropane	78-87-5	2.77 U	3.24 U	2.31 U
Bromodichloromethane	75-27-4	4.02 U	4.7 U	3.35 U
Toluene	108-88-3	22.7	55.7	11.1
t-1,3-Dichloropropene	10061-02-6	2.72 U	3.18 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.72 U	3.18 U	2.27 U
1,1,2-Trichloroethane	79-00-5	3.26 U	3.81 U	2.72 U
2-Hexanone	591-78-6	1.12 J	1.38 J	0.78 J
Dibromochloromethane	124-48-1	5.1 U	5.96 U	4.25 U
1,2-Dibromoethane	106-93-4	4.61 U	5.38 U	3.84 U
Tetrachloroethene	127-18-4	19.3	26	9.84
Chlorobenzene	108-90-7	2.77 U	3.24 U	2.31 U
Ethyl Benzene	100-41-4	0.67 J	1.52 J	0.43 J
m/p-Xylene	126777-61-2	1.1 J	2.93	0.91 J
o-Xylene	95-47-6	2.6 U	1.18 J	2.17 U
Styrene	100-42-5	2.55 U	0.55 J	2.13 U
Bromoform	75-25-2	6.21 U	7.24 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	4.12 U	4.81 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	2.94 U	0.64 J	2.45 U
1,2,4-Trimethylbenzene	95-63-6	0.54 J	1.6 J	1.23 J
1,3-Dichlorobenzene	541-73-1	3.61 U	4.21 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.61 U	4.21 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.61 U	4.21 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	1.14 J	1.35 J	1.04 J
Hexachloro-1,3-Butadiene	87-68-3	6.4 U	1.67 J	1.17 J
Hexane	110-54-3	2.11 U	2.46 U	1.76 U
Benzyl Chloride	100-44-7	3.46 U	0.75 J	2.88 U

Qualifiers

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J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-BA-72-122007	MRS-OA-72-122007
	Units	ug/m3	ug/m3
COMPOUND	**CAS #**		
Dichlorodifluoromethane	75-71-8	3.56	2.33 J
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U
Chloromethane	74-87-3	1.02 J	1 J
Vinyl Chloride	75-01-4	1.28 UJ	1.28 UJ
Chloroethane	75-00-3	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	9.25	1.23 J
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	3.82 U	3.82 U
Bromoethene	593-60-2	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U
Acetone	67-64-1	20.2	4.84
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U
Methylene Chloride	75-09-2	4.52	1.32 J
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U
Cyclohexane	110-82-7	0.5 J	0.34 J
2-Butanone	78-93-3	4.12	1.15 J
Carbon Tetrachloride	56-23-5	0.5 J	0.5 J
cis-1,2-Dichloroethene	156-59-2	1.82 J	1.98 U
Chloroform	67-66-3	0.63 J	2.43 U
1,4-Dioxane	123-91-1	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	2.72 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	2.8	1.17 J
Benzene	71-43-2	1.79	0.99 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U
Trichloroethene	79-01-6	2.3 J	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U
Toluene	108-88-3	40	17.8
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U
2-Hexanone	591-78-6	0.86 J	0.41 J
Dibromochloromethane	124-48-1	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U
Tetrachloroethene	127-18-4	31.6	3.39 U
Chlorobenzene	108-90-7	2.31 U	2.31 U
Ethyl Benzene	100-41-4	1.91 J	0.69 J
m/p-Xylene	126777-61-2	4.29	1.08 J
o-Xylene	95-47-6	1.43 J	0.43 J
Styrene	100-42-5	0.47 J	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	2.45 U	2.45 U
1,2,4-Trimethylbenzene	95-63-6	1.47 J	2.45 U
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	3.7 U	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 U	5.34 U
Hexane	110-54-3	5.28	1.97
Benzyl Chloride	100-44-7	2.88 U	2.88 U

Qualifiers

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J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-SS-73-122007	MRS-BA-73-122007	MRS-DUP-X (BA-73)-122007	MRS-OA-72-122007
	Units	ug/m3	ug/m3	ug/m3	ug/m3
COMPOUND	**CAS #**				
Dichlorodifluoromethane	75-71-8	2.42 J	2.23 J	2.3 J	2.33 J
tert-Butyl alcohol	75-65-0	1.51 U	2.72 U	2.42 U	1.51 U
Chloromethane	74-87-3	1.02 U	1.33 J	1.26 J	1 J
Vinyl Chloride	75-01-4	1.28 UJ	2.3 UJ	2.04 UJ	1.28 UJ
Chloroethane	75-00-3	1.33 U	2.39 U	2.13 U	1.33 U
Trichlorofluoromethane	75-69-4	1.34 J	1.11 J	1.26 J	1.23 J
Dichlorotetrafluoroethane	76-14-2	3.5 U	6.29 U	5.6 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	3.82 U	6.88 U	6.12 U	3.82 U
Bromoethene	593-60-2	2.19 U	3.94 U	3.5 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	3.57 U	3.17 U	1.98 U
Acetone	67-64-1	68.7	19.2	20.2	4.84
Methyl tert-Butyl Ether	1634-04-4	1.8 U	3.24 U	2.88 U	1.8 U
Methylene Chloride	75-09-2	11.2	17.8	13.8	1.32 J
trans-1,2-Dichloroethene	156-60-5	1.98 U	3.57 U	3.17 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	3.64 U	3.24 U	2.02 U
Cyclohexane	110-82-7	3.66	0.85 J	0.86 J	0.34 J
2-Butanone	78-93-3	8.25	2.44 J	2.08 J	1.15 J
Carbon Tetrachloride	56-23-5	0.38 J	0.57 U	0.50 U	0.5 J
cis-1,2-Dichloroethene	156-59-2	1.23 J	8.85	6.72	1.98 U
Chloroform	67-66-3	14.9	4.38 U	3.89 U	2.43 U
1,4-Dioxane	123-91-1	1.8 U	3.24 U	2.88 U	1.8 U
1,1,1-Trichloroethane	71-55-6	2.72 U	4.9 U	4.35 U	2.72 U
2,2,4-Trimethylpentane	540-84-1	4.62	4.87	4.69	1.17 J
Benzene	71-43-2	2.62	3.45	3.78	0.99 J
1,2-Dichloroethane	107-06-2	2.02 U	3.64 U	3.24 U	2.02 U
Trichloroethene	79-01-6	2.52 J	5.98	4.5	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	4.16 U	3.7 U	2.31 U
Bromodichloromethane	75-27-4	1.48 J	6.04 U	5.37 U	3.35 U
Toluene	108-88-3	70.8	62.9	66.3	17.8
t-1,3-Dichloropropene	10061-02-6	2.27 U	4.09 U	3.63 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	4.09 U	3.63 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	4.9 U	4.35 U	2.72 U
2-Hexanone	591-78-6	1.15 J	1.18 J	0.92 J	0.41 J
Dibromochloromethane	124-48-1	4.25 U	7.66 U	6.81 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	6.92 U	6.15 U	3.84 U
Tetrachloroethene	127-18-4	38	142	108	3.39 U
Chlorobenzene	108-90-7	2.31 U	4.16 U	3.7 U	2.31 U
Ethyl Benzene	100-41-4	3.34	2.97 J	3.06 J	0.69 J
m/p-Xylene	126777-61-2	7.11	5.93	6.31	1.08 J
o-Xylene	95-47-6	2.73	2.26 J	2.54 J	0.43 J
Styrene	100-42-5	1.11 J	1.07 J	1.02 J	2.13 U
Bromoform	75-25-2	5.17 U	9.31 U	8.28 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	6.18 U	5.5 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	0.79 J	4.42 U	1.4 J	2.45 U
1,2,4-Trimethylbenzene	95-63-6	2.21 J	2.56 J	4.93	2.45 U
1,3-Dichlorobenzene	541-73-1	3.01 U	5.41 U	4.81 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	5.41 U	4.81 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	5.41 U	4.81 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	3.7 U	6.66 U	5.92 U	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 U	9.61 U	8.54 U	5.34 U
Hexane	110-54-3	1.76 U	9.56 NJ	9.07	1.97
Benzyl Chloride	100-44-7	2.88 U	5.19 U	4.61 U	2.88 U

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-BA-74-122107	MRS-OA-74-122107
	Units	ug/m3	ug/m3
COMPOUND	**CAS #**		
Dichlorodifluoromethane	75-71-8	0.89 J	0.99 J
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U
Chloromethane	74-87-3	0.37 J	0.53 J
Vinyl Chloride	75-01-4	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	2.07 J	0.56 J
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	3.82 U	3.82 U
Bromoethene	593-60-2	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U
Acetone	67-64-1	9.39	6.67
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U
Methylene Chloride	75-09-2	1.49 J	0.56 J
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U
Cyclohexane	110-82-7	0.67 J	1.68 UJ
2-Butanone	78-93-3	4.09	1.18 J
Carbon Tetrachloride	56-23-5	0.31 U	0.31 U
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U
Chloroform	67-66-3	2.43 U	2.43 U
1,4-Dioxane	123-91-1	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	0.54 J	2.72 U
2,2,4-Trimethylpentane	540-84-1	2.33 U	2.33 U
Benzene	71-43-2	0.61 J	0.51 J
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U
Toluene	108-88-3	16.8	9.03
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U
2-Hexanone	591-78-6	0.53 NJ	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U
Tetrachloroethene	127-18-4	1.29 J	3.39 U
Chlorobenzene	108-90-7	2.31 U	2.31 U
Ethyl Benzene	100-41-4	0.65 J	0.69 J
m/p-Xylene	126777-61-2	1.78 J	1.08 J
o-Xylene	95-47-6	0.65 J	2.17 U
Styrene	100-42-5	2.13 U	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	2.45 U	2.45 U
1,2,4-Trimethylbenzene	95-63-6	1.03 J	0.54 J
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	4.22	5.11
Hexachloro-1,3-Butadiene	87-68-3	5.23 J	6.19
Hexane	110-54-3	1.76 U	1.76 U
Benzyl Chloride	100-44-7	2.88 U	2.88 U

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-BA-12-010708	MRS-OA-12-010708
	Units	ug/m3	ug/m3
COMPOUND	**CAS #**		
Dichlorodifluoromethane	75-71-8	2.82	2.72
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U
Chloromethane	74-87-3	1.37	1.39
Vinyl Chloride	75-01-4	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	2.8 U	2.8 U
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	0.76 J	3.82 U
Bromoethene	593-60-2	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U
Acetone	67-64-1	35.7	153
Methyl tert-Butyl Ether	1634-04-4	1.8 U	1.8 U
Methylene Chloride	75-09-2	17.5	9.73
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U
Cyclohexane	110-82-7	1.68 U	1.68 U
2-Butanone	78-93-3	15.6	2.03
Carbon Tetrachloride	56-23-5	0.69 J	0.63 J
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U
Chloroform	67-66-3	2.43 U	2.43 U
1,4-Dioxane	123-91-1	1.8 U	6.55 NJ
1,1,1-Trichloroethane	71-55-6	2.88	2.72 U
2,2,4-Trimethylpentane	540-84-1	19.1	9.09
Benzene	71-43-2	17.5	5.58
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 U	0.27 U
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U
Toluene	108-88-3	84.3	41
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U
2-Hexanone	591-78-6	2.04 U	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U
Tetrachloroethene	127-18-4	2.51 J	1.43 J
Chlorobenzene	108-90-7	2.31 U	2.31 U
Ethyl Benzene	100-41-4	9.41	1.47 J
m/p-Xylene	126777-61-2	34.4	2.21
o-Xylene	95-47-6	10.8	0.74 J
Styrene	100-42-5	0.6 J	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	2.21 J	2.45 U
1,2,4-Trimethylbenzene	95-63-6	9.23	2.45 U
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	3.7 U	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 U	5.34 U
Hexane	110-54-3	22.6	1.76 U
Benzyl Chloride	100-44-7	2.88 UJ	2.88 UJ

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 6
VAPOR INTRUSION SAMPLING RESULTS DECEMBER 2007 - FEBRUARY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Sample ID	MRS-OA-18-021808	MRS-BA-18-021808	MRS-SS-18-021808
	Units	ug/m3	ug/m3	ug/m3
COMPOUND	**CAS #**			
Dichlorodifluoromethane	75-71-8	2.18 J	2.08 J	2.33 NJ
tert-Butyl alcohol	75-65-0	1.51 U	1.51 U	1.51 U
Chloromethane	74-87-3	1 J	0.92 J	1.02 U
Vinyl Chloride	75-01-4	1.28 U	1.28 U	1.28 U
Chloroethane	75-00-3	1.33 U	1.33 U	1.33 U
Trichlorofluoromethane	75-69-4	1.23 J	1.91 J	2.8 U
Dichlorotetrafluoroethane	76-14-2	3.5 U	3.5 U	3.5 U
1,1,2-Trichlorotrifluoroethane	76-13-1	3.82 U	0.84 J	0.99 J
Bromoethene	593-60-2	2.19 U	2.19 U	2.19 U
1,1-Dichloroethene	75-35-4	1.98 U	1.98 U	10.9
Acetone	67-64-1	9.7	34	30.6
Methyl tert-Butyl Ether	1634-04-4	1.8 U	5.51	1.62 J
Methylene Chloride	75-09-2	1.08 J	2.05	1.63 J
trans-1,2-Dichloroethene	156-60-5	1.98 U	1.98 U	1.98 U
1,1-Dichloroethane	75-34-3	2.02 U	2.02 U	2.02 U
Cyclohexane	110-82-7	1.68 U	1.68 U	1.68 U
2-Butanone	78-93-3	1.15 J	2.83	3.45
Carbon Tetrachloride	56-23-5	0.38 J	0.44 J	0.38 J
cis-1,2-Dichloroethene	156-59-2	1.98 U	1.98 U	1.98 U
Chloroform	67-66-3	2.43 U	0.49 J	53.7
1,4-Dioxane	123-91-1	1.8 U	1.8 U	1.8 U
1,1,1-Trichloroethane	71-55-6	2.72 U	1.14 J	121
2,2,4-Trimethylpentane	540-84-1	2.33 U	2.56	0.79 J
Benzene	71-43-2	0.51 J	2.71	2.62
1,2-Dichloroethane	107-06-2	2.02 U	2.02 U	2.02 U
Trichloroethene	79-01-6	0.27 J	9.43	4.34
1,2-Dichloropropane	78-87-5	2.31 U	2.31 U	2.31 U
Bromodichloromethane	75-27-4	3.35 U	3.35 U	2.48 J
Toluene	108-88-3	1.09 J	20	73.8
t-1,3-Dichloropropene	10061-02-6	2.27 U	2.27 U	2.27 U
cis-1,3-Dichloropropene	10061-01-5	2.27 U	2.27 U	2.27 U
1,1,2-Trichloroethane	79-00-5	2.72 U	2.72 U	2.72 U
2-Hexanone	591-78-6	2.04 U	2.04 U	2.04 U
Dibromochloromethane	124-48-1	4.25 U	4.25 U	4.25 U
1,2-Dibromoethane	106-93-4	3.84 U	3.84 U	3.84 U
Tetrachloroethene	127-18-4	3.39 U	2.17 J	1.15 J
Chlorobenzene	108-90-7	2.31 U	2.31 U	2.31 U
Ethyl Benzene	100-41-4	2.17 U	3.03	3.29
m/p-Xylene	126777-61-2	2.17 U	12.2	13.6
o-Xylene	95-47-6	2.17 U	3.82	4.47
Styrene	100-42-5	2.13 U	2.13 U	2.13 U
Bromoform	75-25-2	5.17 U	5.17 U	5.17 U
1,1,2,2-Tetrachloroethane	79-34-5	3.44 U	3.44 U	3.44 U
1,3,5-Trimethylbenzene	108-67-8	2.45 U	1.03 J	1.67 J
1,2,4-Trimethylbenzene	95-63-6	2.45 U	2.45 U	2.45 U
1,3-Dichlorobenzene	541-73-1	3.01 U	3.01 U	3.01 U
1,4-Dichlorobenzene	106-46-7	3.01 U	3.01 U	3.01 U
1,2-Dichlorobenzene	95-50-1	3.01 U	3.01 U	3.01 U
1,2,4-Trichlorobenzene	120-82-1	3.7 U	3.7 U	3.7 U
Hexachloro-1,3-Butadiene	87-68-3	5.34 U	5.34 U	5.34 U
Hexane	110-54-3	1.76 U	1.76 U	1.76 U
Benzyl Chloride	100-44-7	2.88 U	2.88 U	2.88 U

Qualifiers

U - Compound not detected, Reporting Limit (RL) listed.

J - Estimated

N - Tentative in identification

Table 7
MAY 2007 DIRECT-PUSH DRILLING WATER ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Volatile Organic Compounds	CAS No.	NYS Class GA Standards	Unit	GP-01 5/8/2007	GP-02 5/10/2007	GP-03 5/10/2007	GP-04 5/10/2007	GP-05 5/9/2007	GP-06 5/10/2007	GP-08 5/9/2007
Dichlorodifluoromethane	75-71-8	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane	75-87-3		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	75-01-4	2	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	74-83-9	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	75-00-3	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichlorofluromethane	75-69-4	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	75-35-4	5	ug/L	2 J	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	75-15-0		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	67-64-1	50*	ug/L	10 J	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	75-09-2	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans 1,2-Dichloroethene	540-59-0	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl-tert butyl ether	1634-04-4		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	75-34-4	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Acetate	108-05-4		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis 1,2-Dichloroethene	540-59-0	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	78-93-3	50*	ug/L	2 J	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	67-66-3	7	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	71-55-6	5	ug/L	15	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	56-23-5	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	71-43-2	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	107-06-2	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	79-01-6	5	ug/L	42	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	78-87-5	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	75-27-4	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	108-10-1		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	108-88-3	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	79-00-5	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	127-18-4	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	591-78-6	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	124-48-1	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	108-90-7	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	100-41-4	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
m,p-Xylenes	1330-20-7	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
o-Xylene	1330-20-7	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	100-42-5	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	75-25-2	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2,-Tetrachloroethane	79-34-5	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorotoluene	95-49-8	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorotoluene	106-43-4	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	541-73-1	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	106-46-7	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	95-50-1	0.6	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

* = Guidance Value

Highlighted results exceed NYS standard

U = Not detected. Reporting limit shown.

J = Estimated

Table 8
DIRECT-PUSH SOIL ANALYTICAL DATA - OCTOBER 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Volatile Organic Compounds	CAS No.	Unrestricted Use Soil Cleanup Objective	Units	17-Oct-07 MIP 8 (24' bgs)	17-Oct-07 MIP 8 (27' bgs)	17-Oct-07 MIP 8 (31' bgs)	17-Oct-07 MIP 8 (33' bgs)	17-Oct-07 MIP 12 (1' bgs)	17-Oct-07 MIP 12 (5' bgs)	17-Oct-07 MIP 12 (9' bgs)	17-Oct-07 MIP 12 (11' bgs)	17-Oct-07 MIP 12 (16' bgs)	17-Oct-07 MIP 13 (7.5' - 8' bgs)	17-Oct-07 MIP 13 (8.5' bgs)	17-Oct-07 MIP 13 (14' - 16' bgs)
1,1,1-Trichloroethane	71-55-6	680	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
1,1,2,2-Tetrachloroethane	79-34-5		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
1,1,2-Trichloroethane	79-00-5		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
1,1-Dichloroethane	75-34-3	270	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
1,1-Dichloroethene	75-35-4	330	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
1,2,4-Trichlorobenzene	120-82-1		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
1,2-Dibromo-3-Chloropropane	96-12-8		ug/Kg	11 U	10 U	10 U	10 U	11 U	11 U	11 U	10 U	10 U	12 U	10 U	11 U
1,2-Dibromoethane	106-93-4		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
1,2-Dichlorobenzene	95-50-1	1100	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
1,2-Dichloroethane	107-06-2	20	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
1,2-Dichloropropane	78-87-5		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
1,3-Dichlorobenzene	541-73-1	2400	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
1,4-Dichlorobenzene	106-46-7	1800	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
2-Hexanone	591-78-6		ug/Kg	11 U	10 U	10 U	10 U	11 U	11 U	11 U	10 U	10 U	12 U	10 U	11 U
Acetone	67-64-1	50	ug/Kg	21 U	21 U	21 U	21 U	22 U	22 U	22 U	21 U	20 U	23 U	21 U	21 U
Benzene	71-43-2	60	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Bromodichloromethane	75-27-4		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Bromoform	75-25-2		ug/Kg	5.3 UJ	5.2 UJ	5.2 UJ	5.2 UJ	5.6 UJ	5.5 UJ	5.6 UJ	5.2 UJ	5.1 UJ	5.9 UJ	5.2 UJ	5.3 UJ
Bromomethane	74-83-9		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Carbon disulfide	75-15-0		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Carbon tetrachloride	56-23-5	760	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Chlorobenzene	108-90-7	1100	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Chloroethane	75-00-3		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Chloroform	67-66-3	370	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Chloromethane	74-87-3		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
cis-1,2-Dichloroethene	156-59-2	250	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
cis-1,3-Dichloropropene	10061-01-5		ug/Kg	5.3 U*	5.2 U*	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Cyclohexane	110-82-7		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Dibromochloromethane	124-48-1		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Dichlorodifluoromethane	75-71-8		ug/Kg	5.3 UJ*	5.2 UJ*	5.2 UJ	5.2 UJ	5.6 UJ	5.5 UJ	5.6 UJ	5.2 UJ	5.1 UJ	5.9 UJ	5.2 UJ	5.3 UJ
Ethylbenzene	100-41-4	1000	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Isopropylbenzene	98-82-8		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Methyl acetate	79-20-9		ug/Kg	5.3 U*	0.64 J*	5.2 U*	5.2 U*	5.6 U*	5.5 U*	5.6 U*	5.2 U*	5.1 U*	5.9 U*	5.2 U*	5.3 U*
Methyl Ethyl Ketone	78-93-3	120	ug/Kg	11 U	10 U	10 U	10 U	11 U	11 U	11 U	10 U	10 U	12 U	10 U	11 U
methyl isobutyl ketone	108-10-1		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Methyl tert-butyl ether	1634-04-4	930	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Methylcyclohexane	108-87-2		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Methylene Chloride	75-09-2	50	ug/Kg	7.9 J	7.2 J	1.7 J	2.0 J	6.3 J	7.9 J	8.3 J	7.3 J	7.1 J	5.3 J	5.2 J	5.2 J
Styrene	100-42-5		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Tetrachloroethene	127-18-4	1300	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Toluene	108-88-3	700	ug/Kg	0.75 J	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
trans-1,2-Dichloroethene	156-60-5	190	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
trans-1,3-Dichloropropene	10061-02-6		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Trichloroethene	79-01-6	470	ug/Kg	5.3 U	1.6 J	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Trichlorofluoromethane	75-69-4		ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Vinyl chloride	75-01-4	20	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U
Xylenes, Total	1330-20-7	260	ug/Kg	5.3 U	5.2 U	5.2 U	5.2 U	5.6 U	5.5 U	5.6 U	5.2 U	5.1 U	5.9 U	5.2 U	5.3 U

Notes:

U = Not detected. Reporting limit shown.

J = Estimated

* = LCS or LCSD exceeds the control limits.

B = Analyte detectd in the laboratory blank.

Highlighted results exceed the respective unrestricted use soil cleanup objecitve

Table 8
DIRECT-PUSH SOIL ANALYTICAL DATA - OCTOBER 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Volatile Organic Compounds	CAS No.	Unrestricted Use Soil Cleanup Objective	Units	16-Oct-07 MIP 14 (13' bgs)	16-Oct-07 MIP 14 (17' bgs)	16-Oct-07 MIP 19 (6.75'-7' bgs)	16-Oct-07 MIP 19 (10' bgs)	16-Oct-07 MIP 19 (12.5' bgs)	16-Oct-07 MIP 21 (10.5' - 11' bgs)	16-Oct-07 MIP 21 (14' bgs)	16-Oct-07 MIP 28 (11' bgs)	16-Oct-07 MIP 28 (16.5' bgs)	16-Oct-07 MIP 28 (20.5' bgs)
1,1,1-Trichloroethane	71-55-6	680	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
1,1,2,2-Tetrachloroethane	79-34-5		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
1,1,2-Trichloroethane	79-00-5		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
1,1-Dichloroethane	75-34-3	270	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
1,1-Dichloroethene	75-35-4	330	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
1,2,4-Trichlorobenzene	120-82-1		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
1,2-Dibromo-3-Chloropropane	96-12-8		ug/Kg	11 U	11 U	10 U	12 U	11 U	11 U	10 U	12 U	11 U	11 U
1,2-Dibromoethane	106-93-4		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
1,2-Dichlorobenzene	95-50-1	1100	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
1,2-Dichloroethane	107-06-2	20	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
1,2-Dichloropropane	78-87-5		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
1,3-Dichlorobenzene	541-73-1	2400	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
1,4-Dichlorobenzene	106-46-7	1800	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
2-Hexanone	591-78-6		ug/Kg	11 U	11 U	10 U	12 U	11 U	11 U	10 U	12 U	11 U	11 U
Acetone	67-64-1	50	ug/Kg	22 U	22 U	20 U	23 U	21 U	21 U	21 U	23 U	21 U	21 U
Benzene	71-43-2	60	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Bromodichloromethane	75-27-4		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Bromoform	75-25-2		ug/Kg	5.5 UJ	5.4 UJ	5.2 UJ	5.8 UJ	5.4 UJ	5.3 UJ	5.2 UJ	5.8 UJ	5.3 UJ	5.3 UJ
Bromomethane	74-83-9		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Carbon disulfide	75-15-0		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Carbon tetrachloride	56-23-5	760	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Chlorobenzene	108-90-7	1100	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Chloroethane	75-00-3		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Chloroform	67-66-3	370	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Chloromethane	74-87-3		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
cis-1,2-Dichloroethene	156-59-2	250	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
cis-1,3-Dichloropropene	10061-01-5		ug/Kg	5.5 U	5.4 U	5.2 U*	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Cyclohexane	110-82-7		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Dibromochloromethane	124-48-1		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Dichlorodifluoromethane	75-71-8		ug/Kg	5.5 UJ	5.4 UJ	5.2 UJ*	5.8 UJ	5.4 UJ	5.3 UJ	5.2 UJ	5.8 UJ	5.3 UJ	5.3 UJ
Ethylbenzene	100-41-4	1000	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Isopropylbenzene	98-82-8		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Methyl acetate	79-20-9		ug/Kg	5.5 U*	5.4 U*	5.2 U	5.8 U*	5.4 U*	5.3 U*	5.2 U*	5.8 U*	5.3 U*	5.3 U*
Methyl Ethyl Ketone	78-93-3	120	ug/Kg	11 U	11 U	10 U	12 U	11 U	11 U	10 U	12 U	11 U	11 U
methyl isobutyl ketone	108-10-1		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Methyl tert-butyl ether	1634-04-4	930	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Methylcyclohexane	108-87-2		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Methylene Chloride	75-09-2	50	ug/Kg	22 U	7 J	6.6 J	2.7 J	2.2 J	2.5 J	2.2 J	2.6 J	2.2 J	2.2 J
Styrene	100-42-5		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Tetrachloroethene	127-18-4	1300	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Toluene	108-88-3	700	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
trans-1,2-Dichloroethene	156-60-5	190	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
trans-1,3-Dichloropropene	10061-02-6		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Trichloroethene	79-01-6	470	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Trichlorofluoromethane	75-69-4		ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Vinyl chloride	75-01-4	20	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U
Xylenes, Total	1330-20-7	260	ug/Kg	5.5 U	5.4 U	5.2 U	5.8 U	5.4 U	5.3 U	5.2 U	5.8 U	5.3 U	5.3 U

Notes:

U = Not detected. Reporting limit shown.

J = Estimated

* = LCS or LCSD exceeds the control limits.

B = Analyte detectd in the laboratory blank.

Highlighted results exceed the respective unrestricted use soil cleanup objecitve

Table 8
DIRECT-PUSH SOIL ANALYTICAL DATA - OCTOBER 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Volatile Organic Compounds	CAS No.	Unrestricted Use Soil Cleanup Objective	Units	16-Oct-07 SB101607-01 (13' bgs)	16-Oct-07 SB101607-01 (18' bgs)	16-Oct-07 SB101607-02 (9' bgs)	18-Oct-07 MIP 7 (5.5' bgs)	18-Oct-07 MIP 7 (19' bgs)	18-Oct-07 MIP 16 (19' bgs)	18-Oct-07 MIP 15 (8' bgs)	18-Oct-07 MIP 15 (10-11' bgs)	18-Oct-07 SB101807-01 (6' bgs)	18-Oct-07 SB101807-02 (3' bgs)
1,1,1-Trichloroethane	71-55-6	680	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
1,1,2,2-Tetrachloroethane	79-34-5		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
1,1,2-Trichloroethane	79-00-5		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
1,1-Dichloroethane	75-34-3	270	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
1,1-Dichloroethene	75-35-4	330	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
1,2,4-Trichlorobenzene	120-82-1		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
1,2-Dibromo-3-Chloropropane	96-12-8		ug/Kg	10 U	10 U	10 U	11 U	11 U	11 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane	106-93-4		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
1,2-Dichlorobenzene	95-50-1	1100	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
1,2-Dichloroethane	107-06-2	20	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
1,2-Dichloropropane	78-87-5		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
1,3-Dichlorobenzene	541-73-1	2400	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
1,4-Dichlorobenzene	106-46-7	1800	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
2-Hexanone	591-78-6		ug/Kg	10 U	10 U	10 U	11 U	11 U	11 U	10 U	10 U	10 U	10 U
Acetone	67-64-1	50	ug/Kg	21 U	21 U	20 U	3.9 J	5.1 J	6.3 J	5.2 J	3.7 J	6.2 J	6.3 J
Benzene	71-43-2	60	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Bromodichloromethane	75-27-4		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Bromoform	75-25-2		ug/Kg	5.2 UJ	5.2 UJ	5.1 UJ	5.4 UJ*	5.4 UJ	5.6 UJ	5.2 UJ	5.2 UJ	5.1 UJ	5.2 UJ
Bromomethane	74-83-9		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Carbon disulfide	75-15-0		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Carbon tetrachloride	56-23-5	760	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Chlorobenzene	108-90-7	1100	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Chloroethane	75-00-3		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Chloroform	67-66-3	370	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Chloromethane	74-87-3		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
cis-1,2-Dichloroethene	156-59-2	250	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
cis-1,3-Dichloropropene	10061-01-5		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Cyclohexane	110-82-7		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Dibromochloromethane	124-48-1		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Dichlorodifluoromethane	75-71-8		ug/Kg	5.2 UJ	5.2 UJ	5.1 UJ	5.4 UJ*	5.4 UJ*	5.6 UJ*	5.2 UJ*	5.2 UJ*	5.1 UJ*	5.2 UJ*
Ethylbenzene	100-41-4	1000	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Isopropylbenzene	98-82-8		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Methyl acetate	79-20-9		ug/Kg	5.2 U*	5.2 U*	5.1 U*	5.4 U *	5.4 U *	5.6 U *	5.2 U *	5.2 U *	5.1 U *	5.2 U *
Methyl Ethyl Ketone	78-93-3	120	ug/Kg	10 U	10 U	10 U	11 U	11 U	11 U	10 U	10 U	10 U	10 U
methyl isobutyl ketone	108-10-1		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Methyl tert-butyl ether	1634-04-4	930	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Methylcyclohexane	108-87-2		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Methylene Chloride	75-09-2	50	ug/Kg	2.0 J	2.3 J	2.7 J	22 U	22 U	23 U	21 U	21 U	20 U	21 U
Styrene	100-42-5		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Tetrachloroethene	127-18-4	1300	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Toluene	108-88-3	700	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
trans-1,2-Dichloroethene	156-60-5	190	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
trans-1,3-Dichloropropene	10061-02-6		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Trichloroethene	79-01-6	470	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Trichlorofluoromethane	75-69-4		ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Vinyl chloride	75-01-4	20	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U
Xylenes, Total	1330-20-7	260	ug/Kg	5.2 U	5.2 U	5.1 U	5.4 U	5.4 U	5.6 U	5.2 U	5.2 U	5.1 U	5.2 U

Notes:

U = Not detected. Reporting limit shown.

J = Estimated

* = LCS or LCSD exceeds the control limits.

B = Analyte detectd in the laboratory blank.

Highlighted results exceed the respective unrestricted use soil cleanup objecitve

Table 8
DIRECT-PUSH SOIL ANALYTICAL DATA - OCTOBER 2007
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Volatile Organic Compounds	CAS No.	Unrestricted Use Soil Cleanup Objective	Units	18-Oct-07 SB101807-02 (10' bgs)	18-Oct-07 SB101807-02 (14' bgs)	18-Oct-07 MIP 4 (11' bgs)	19-Oct-07 SB101907-01 (3.5' bgs)	19-Oct-07 MIP 2 (14' bgs)	19-Oct-07 MIP 2 (23' bgs)	19-Oct-07 MIP 2 (42' bgs)	19-Oct-07 MIP 27 (15' bgs)	19-Oct-07 SB101907-02 (16' bgs)	19-Oct-07 MIP 27 (19' bgs)	19-Oct-07 TRIP BLANK	17-Oct-07 EQUIPMENT BLANK
1,1,1-Trichloroethane	71-55-6	680	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
1,1,2,2-Tetrachloroethane	79-34-5		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	2.7 JB
1,1,2-Trichloroethane	79-00-5		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
1,1-Dichloroethane	75-34-3	270	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
1,1-Dichloroethene	75-35-4	330	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
1,2,4-Trichlorobenzene	120-82-1		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
1,2-Dibromo-3-Chloropropane	96-12-8		ug/Kg	11 U	11 U	10 U	11 U	11 U	12 U	12 U	10 U	11 U	11 U	5.0 UJ	5.0 U
1,2-Dibromoethane	106-93-4		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	0.31 J
1,2-Dichlorobenzene	95-50-1	1100	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
1,2-Dichloroethane	107-06-2	20	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
1,2-Dichloropropane	78-87-5		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
1,3-Dichlorobenzene	541-73-1	2400	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
1,4-Dichlorobenzene	106-46-7	1800	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
2-Hexanone	591-78-6		ug/Kg	11 U	11 U	10 U	11 U	11 U	12 U	12 U	10 U	11 U	11 U	10 UJ	10 U
Acetone	67-64-1	50	ug/Kg	5.3 J	5.2 J	6.6 J	6.2 J	3.3 J	5.8 J	7.6 J	3.4 J	22 U	5.4 J	10.0 UJ	5.0 U
Benzene	71-43-2	60	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
Bromodichloromethane	75-27-4		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
Bromoform	75-25-2		ug/Kg	5.3 UJ	5.3 UJ	5.2 UJ	5.3 UJ	5.3 UJ	6.1 UJ	6.1 UJ	5.2 UJ	5.5 UJ	5.4 UJ	5.0 UJ	5.0 U
Bromomethane	74-83-9		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ*	5.0 U
Carbon disulfide	75-15-0		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	1.5 J	0.9 J	5.0 UJ	5.0 U
Carbon tetrachloride	56-23-5	760	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
Chlorobenzene	108-90-7	1100	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
Chloroethane	75-00-3		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
Chloroform	67-66-3	370	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	0.28 J
Chloromethane	74-87-3		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
cis-1,2-Dichloroethene	156-59-2	250	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
cis-1,3-Dichloropropene	10061-01-5		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U *	6.1 U *	6.1 U *	5.2 U *	5.5 U *	5.4 U *	5.0 UJ	5.0 U
Cyclohexane	110-82-7		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
Dibromochloromethane	124-48-1		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
Dichlorodifluoromethane	75-71-8		ug/Kg	5.3 UJ*	5.3 UJ*	5.2 UJ*	5.3 UJ*	5.3 UJ*	6.1 UJ*	6.1 UJ*	5.2 UJ*	5.5 UJ*	5.4 UJ*	5.0 UJ*	5.0 U
Ethylbenzene	100-41-4	1000	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
Isopropylbenzene	98-82-8		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U*
Methyl acetate	79-20-9		ug/Kg	5.3 U *	5.3 U *	5.2 U *	5.3 U *	5.3 U *	6.1 U *	6.1 U *	5.2 U *	5.5 U *	5.4 U *	5.0 UJ*	5.0 U *
Methyl Ethyl Ketone	78-93-3	120	ug/Kg	11 U	11 U	10 U	11 U	11 U	12 U	12 U	10 U	11 U	11 U	10 UJ	10 U
methyl isobutyl ketone	108-10-1		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	10 UJ	10 UJ*
Methyl tert-butyl ether	1634-04-4	930	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
Methylcyclohexane	108-87-2		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
Methylene Chloride	75-09-2	50	ug/Kg	21 U	21 U	21 U	21 U	21 U	24 U	24 U	21 U	22 U	22 U	0.74 J B	5.0 UJ*
Styrene	100-42-5		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 UJ*
Tetrachloroethene	127-18-4	1300	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	1.4 J	6.1 U	5.2 U	5.5 U	0.99 J	5.0 UJ	5.0 U
Toluene	108-88-3	700	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
trans-1,2-Dichloroethene	156-60-5	190	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
trans-1,3-Dichloropropene	10061-02-6		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
Trichloroethene	79-01-6	470	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	4.1 J	2.5 J	1.5 J	1.7 J	2.3 J	5.0 UJ	5.0 U
Trichlorofluoromethane	75-69-4		ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U*
Vinyl chloride	75-01-4	20	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U
Xylenes, Total	1330-20-7	260	ug/Kg	5.3 U	5.3 U	5.2 U	5.3 U	5.3 U	6.1 U	6.1 U	5.2 U	5.5 U	5.4 U	5.0 UJ	5.0 U

Notes:

U = Not detected. Reporting limit shown.

J = Estimated

* = LCS or LCSD exceeds the control limits.

B = Analyte detectd in the laboratory blank.

Highlighted results exceed the respective unrestricted use soil cleanup objecitve

Table 9
TEST PIT EXCAVATION SOIL ANALYTICAL DATA - MAY 2008
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Volatile Organic Compounds	CAS No.	Unrestricted Use Soil Cleanup Objective	Units	TP-01 17'/45'	TP-01 8'/40'	TP-01 19'/45'	TP-01 10'/80'	TP-01 19'/80'	TP-01 18'/200'	TP-02 8'/30'	TP-02 18'/5'	TP-02 8'/20'	TP-03 18'/10'	TP-04 20'/10'	TP-04 18'/10'	TP-05 8'/30'	TP-05 8'/20'	TP-06 20'/10'	TP-8 20'/10'	TP-09 5'/10'
1,1,1-Trichloroethane	71-55-6	680	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,1,2,2-Tetrachloroethane	79-34-5		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,1,2-Trichloroethane	79-00-5		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,1-Dichloroethane	75-34-3	270	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,1-Dichloroethene	75-35-4	330	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,2,4-Trichlorobenzene	120-82-1		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,2-Dibromo-3-Chloropropane	96-12-8		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,2-Dibromoethane	106-93-4		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,2-Dichlorobenzene	95-50-1	1100	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,2-Dichloroethane	107-06-2	20	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,2-Dichloropropane	78-87-5		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,3-Dichlorobenzene	541-73-1	2400	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
1,4-Dichlorobenzene	106-46-7	1800	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
2-Hexanone	591-78-6		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Acetone	67-64-1	50	ug/Kg	5.9 J	4.9 J	3.6 J	5.5 J	3.3 J	5.5 J	2.8 J	2.8 J	3.3 J	20	42	16	15	16	6.1 J	13 B	17
Benzene	71-43-2	60	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Bromodichloromethane	75-27-4		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Bromoform	75-25-2		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Bromomethane	74-83-9		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Carbon disulfide	75-15-0		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Carbon tetrachloride	56-23-5	760	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Chlorobenzene	108-90-7	1100	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Chloroethane	75-00-3		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Chloroform	67-66-3	370	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Chloromethane	74-87-3		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
cis-1,2-Dichloroethene	156-59-2	250	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
cis-1,3-Dichloropropene	10061-01-5		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Cyclohexane	110-82-7		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Dibromochloromethane	124-48-1		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Dichlorodifluoromethane	75-71-8		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Ethylbenzene	100-41-4	1000	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Isopropylbenzene	98-82-8		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Methyl acetate	79-20-9		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Methyl Ethyl Ketone	78-93-3	120	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
methyl isobutyl ketone	108-10-1		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Methyl tert-butyl ether	1634-04-4	930	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Methylcyclohexane	108-87-2		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Methylene Chloride	75-09-2	50	ug/Kg	7.5 J B	3.4 J B	4.1 J B	2.4 J B	4.4 J B	3.6 J B	2.8 J B	2.9 J B	1.8 J B	5.4 J B	6.8 J B	4.5 J B	4.9 J B	5.8 J B	5.6 J B	5.3 J B	6.4 J B
Styrene	100-42-5		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Tetrachloroethene	127-18-4	1300	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Toluene	108-88-3	700	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	0.31 J	11 U	12 U	11 U	0.27 J	0.27 J	12 U	0.43 J	0.44 J
trans-1,2-Dichloroethene	156-60-5	190	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
trans-1,3-Dichloropropene	10061-02-6		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Trichloroethene	79-01-6	470	ug/Kg	12 U	11 U	11 U	11 U	0.53 J	12 U	1.4 J	0.9 J	10 U	11 U	0.72 J	11 U	1.1 J	11 U	4.5 J	11 U	1.4 J
Trichlorofluoromethane	75-69-4		ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Vinyl chloride	75-01-4	20	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Xylenes, Total	1330-20-7	260	ug/Kg	12 U	11 U	11 U	11 U	12 U	12 U	10 U	11 U	10 U	11 U	12 U	11 U	10 U	11 U	12 U	11 U	11 U
Tentativly Identified Compounds:																				
Unknown Siloxane			ug/Kg		6 J		7.6 J					8.3 J	5.8 J		16 J	8.2 J	13 J		6.6 J	

Notes:

U = Not detected. Reporting limit shown.

J = Estimated

B = Analyte detectd in the laboratory blank.

Highlighted results exceed the respective unrestricted use soil cleanup objecitve

Sample ID: Test Pit #, Sample Depth/Length from start of pit in south or west

Table 10
DLS SAND AND GRAVEL INC. PROPERTY SOIL ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Volatile Organic Compounds	CAS No.	Unrestricted Use Soil Cleanup Objective	Units	4-Oct-2007 Stockpile 1	4-Oct-2007 Stockpile 2	4-Oct-2007 Stockpile 3	4-Oct-2007 Stockpile 4	4-Oct-2007 Stockpile 5	4-Oct-2007 Stockpile 6	4-Oct-2007 Process-1	4-Oct-2007 Process-2
Acetone	67-64-1	50	ug/Kg	17 JB	17 JB	13 JB	12 JB	2.9 U	12 JB	14 JB	19 JB
Benzene	71-43-2	60	ug/Kg	0.81 U	0.9 U	0.8 U	0.75 U	0.87 U	0.77 U	0.74 U	0.76 U
Bromodichloromethane	75-27-4		ug/Kg	0.74 U	0.82 U	0.73 U	0.69 U	0.8 U	0.7 U	0.68 U	0.7 U
Bromoform	75-25-2		ug/Kg	2 U	2.2 U	1.9 U	1.8 U	2.1 U	1.9 U	1.8 U	1.9 U
Bromomethane	74-83-9		ug/Kg	1.7 U	1.9 U	1.7 U	1.6 U	1.9 U	1.6 U	1.6 U	1.6 U
Methyl Ethyl Ketone	78-93-3		ug/Kg	3.8 U	4.3 U	3.8 U	3.5 U	4.1 U	3.6 U	3.5 U	3.6 U
Carbon disulfide	75-15-0		ug/Kg	0.6 U	0.67 U	0.59 U	0.56 U	0.65 U	0.57 U	0.55 U	0.57 U
Carbon tetrachloride	56-23-5	760	ug/Kg	0.81 U	0.9 U	0.8 U	0.75 U	0.87 U	0.77 U	0.74 U	0.76 U
Chlorobenzene	108-90-7	1100	ug/Kg	1 U	1.1 U	0.99 U	0.93 U	1.1 U	0.95 U	0.92 U	0.94 U
Chloroethane	75-00-3		ug/Kg	1.4 U	1.6 U	1.4 U	1.3 U	1.6 U	1.4 U	1.3 U	1.4 U
Chloroform	67-66-3		ug/Kg	0.6 U	0.67 U	0.59 U	0.56 U	0.65 U	0.57 U	0.55 U	0.57 U
Chloromethane	74-87-3		ug/Kg	1.2 U	1.3 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U
Dibromochloromethane	124-48-1		ug/Kg	1.2 U	1.4 U	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U	1.1 U
1,1-Dichloroethane	75-34-3	270	ug/Kg	0.74 U	0.82 U	0.73 U	0.69 U	0.8 U	0.7 U	0.68 U	0.7 U
1,2-Dichloroethane	107-06-2	20	ug/Kg	1.2 U	1.4 U	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U	1.2 U
1,1-Dichloroethene	75-35-4	330	ug/Kg	0.9 U	1 U	0.89 U	0.83 U	0.97 U	0.86 U	0.82 U	0.85 U
1,2-Dichloropropane	78-87-5		ug/Kg	1.1 U	1.2 U	1.1 U	1 U	1.2 U	1.1 U	1 U	1 U
cis-1,3-Dichloropropene	10061-01-5		ug/Kg	0.71 U	0.79 U	0.7 U	0.65 U	0.76 U	0.67 U	0.65 U	0.67 U
trans-1,3-Dichloropropene	10061-02-6		ug/Kg	1.2 U	1.4 U	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U	1.1 U
Ethylbenzene	100-41-4	1000	ug/Kg	0.81 U	0.9 U	0.8 U	0.75 U	0.87 U	0.77 U	0.74 U	0.76 U
2-Hexanone	591-78-6		ug/Kg	3 U	3.3 U	3 U	2.8 U	3.2 U	2.9 U	2.8 U	2.8 U
Methylene Chloride	75-09-2	50	ug/Kg	5.2 JB	5.7 JB	5.1 JB	7.9 JB	12 JB	7.6 JB	4.4 JB	4.2 JB
methyl isobutyl ketone	108-10-1		ug/Kg	1.1 U	1.2 U	1.1 U	0.99 U	1.2 U	1 U	0.98 U	1 U
Styrene	100-42-5		ug/Kg	1.5 U	1.6 U	1.4 U	1.4 U	1.6 U	1.4 U	1.3 U	1.4 U
1,1,2,2-Tetrachloroethane	79-34-5		ug/Kg	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U
Tetrachloroethene	127-18-4	1300	ug/Kg	0.84 U	0.94 U	0.83 U	0.78 U	0.91 U	0.8 U	0.77 U	0.79 U
Toluene	108-88-3	700	ug/Kg	0.67 U	0.75 U	0.66 U	0.62 U	0.72 U	0.64 U	0.62 U	0.63 U
1,1,1-Trichloroethane	71-55-6	680	ug/Kg	0.83 U	0.92 U	0.82 U	0.77 U	0.9 U	0.79 U	0.76 U	0.78 U
1,1,2-Trichloroethane	79-00-5		ug/Kg	0.99 U	1.1 U	0.98 U	0.92 U	1.1 U	0.94 U	0.91 U	0.93 U
Trichloroethene	79-01-6	470	ug/Kg	1.1 U	1.3 U	1.1 U	1 U	1.2 U	1.1 U	1 U	1.1 U
Vinyl chloride	75-01-4	20	ug/Kg	1.5 U	1.6 U	1.5 U	1.4 U	1.6 U	1.4 U	1.4 U	1.4 U
Xylenes, Total	1330-20-7	260	ug/Kg	2.8 U	3.1 U	2.7 U	2.6 U	3 U	2.6 U	2.5 U	2.6 U
cis-1,2-Dichloroethene	156-59-2	250	ug/Kg	1 U	1.2 U	1 U	0.97 U	1.1 U	1 U	0.96 U	0.99 U
trans-1,2-Dichloroethene	156-60-5	190	ug/Kg	1.1 U	1.2 U	1.1 U	1 U	1.2 U	1 U	1 U	1 U

Notes:

U = Not detected. Reporting limit shown.

J = Estimated

B = Analyte detectd in the laboratory blank.

Highlighted results exceed the respective unrestricted use soil cleanup objecitve

Table 10
DLS SAND AND GRAVEL INC. PROPERTY SOIL ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Volatile Organic Compounds	CAS No.	Unrestricted Use Soil Cleanup Objective	Units	4-Oct-2007 Mine Face 1	4-Oct-2007 Mine Face 2	4-Oct-2007 Mine Face 3	4-Oct-2007 Mine Face 4	4-Oct-2007 Mine Face 5	4-Oct-2007 Mine Face 6	4-Oct-2007 Mine Floor 1
Acetone	67-64-1	50	ug/Kg	12 JB	15 JB	13 JB	13 JB	13 JB	12 JB	12 J B
Benzene	71-43-2	60	ug/Kg	0.74 U	0.75 U	0.74 U	0.81 U	0.73 U	0.73 U	0.73 U
Bromodichloromethane	75-27-4		ug/Kg	0.67 U	0.68 U	0.67 U	0.74 U	0.67 U	0.67 U	0.67 U
Bromoform	75-25-2		ug/Kg	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U
Bromomethane	74-83-9		ug/Kg	1.6 U	1.6 U	1.6 U	1.7 U	1.6 U	1.6 U	1.6 U
Methyl Ethyl Ketone	78-93-3		ug/Kg	3.5 U	3.5 U	3.5 U	3.8 U	3.5 U	3.5 U	3.5 U
Carbon disulfide	75-15-0		ug/Kg	0.55 U	0.56 U	0.55 U	0.61 U	0.55 U	0.55 U	0.55 U
Carbon tetrachloride	56-23-5	760	ug/Kg	0.74 U	0.75 U	0.74 U	0.81 U	0.73 U	0.73 U	0.73 U
Chlorobenzene	108-90-7	1100	ug/Kg	0.91 U	0.93 U	0.91 U	1 U	0.91 U	0.91 U	0.91 U
Chloroethane	75-00-3		ug/Kg	1.3 U	1.3 U	1.3 U	1.5 U	1.3 U	1.3 U	1.3 U
Chloroform	67-66-3		ug/Kg	0.55 U	0.56 U	0.55 U	0.61 U	0.55 U	0.55 U	0.55 U
Chloromethane	74-87-3		ug/Kg	1 U	1.1 U	1 U	1.2 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1		ug/Kg	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	75-34-3	270	ug/Kg	0.67 U	0.68 U	0.67 U	0.74 U	0.67 U	0.67 U	0.67 U
1,2-Dichloroethane	107-06-2	20	ug/Kg	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethene	75-35-4	330	ug/Kg	0.82 U	0.83 U	0.82 U	0.9 U	0.82 U	0.82 U	0.82 U
1,2-Dichloropropane	78-87-5		ug/Kg	1 U	1 U	1 U	1.1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	10061-01-5		ug/Kg	0.64 U	0.65 U	0.64 U	0.71 U	0.64 U	0.64 U	0.64 U
trans-1,3-Dichloropropene	10061-02-6		ug/Kg	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U
Ethylbenzene	100-41-4	1000	ug/Kg	0.74 U	0.75 U	0.74 U	0.81 U	0.73 U	0.73 U	0.73 U
2-Hexanone	591-78-6		ug/Kg	2.7 U	2.8 U	2.7 U	3 U	2.7 U	2.7 U	2.7 U
Methylene Chloride	75-09-2	50	ug/Kg	8.1 JB	8 JB	8.6 JB	10 JB	7.6 JB	8 JB	8 J B
methyl isobutyl ketone	108-10-1		ug/Kg	0.98 U	0.99 U	0.98 U	1.1 U	0.97 U	0.97 U	0.97 U
Styrene	100-42-5		ug/Kg	1.3 U	1.4 U	1.3 U	1.5 U	1.3 U	1.3 U	1.3 U
1,1,2,2-Tetrachloroethane	79-34-5		ug/Kg	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U
Tetrachloroethene	127-18-4	1300	ug/Kg	0.77 U	0.78 U	0.77 U	0.85 U	0.76 U	0.76 U	0.76 U
Toluene	108-88-3	700	ug/Kg	0.61 U	0.62 U	0.61 U	0.67 U	0.61 U	0.61 U	0.61 U
1,1,1-Trichloroethane	71-55-6	680	ug/Kg	0.76 U	0.77 U	0.76 U	0.83 U	0.75 U	0.75 U	0.75 U
1,1,2-Trichloroethane	79-00-5		ug/Kg	0.9 U	0.92 U	0.9 U	0.99 U	0.9 U	0.9 U	0.9 U
Trichloroethene	79-01-6	470	ug/Kg	1 U	1 U	1 U	1.1 U	1 U	1 U	1 U
Vinyl chloride	75-01-4	20	ug/Kg	1.3 U	1.4 U	1.3 U	1.5 U	1.3 U	1.3 U	1.3 U
Xylenes, Total	1330-20-7	260	ug/Kg	2.5 U	2.6 U	2.5 U	2.8 U	2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	156-59-2	250	ug/Kg	0.96 U	0.97 U	0.95 U	1.1 U	0.95 U	0.95 U	0.95 U
trans-1,2-Dichloroethene	156-60-5	190	ug/Kg	1 U	1 U	1 U	1.1 U	0.99 U	0.99 U	0.99 U

Notes:
U = Not detected. Reporting limit shown.
J = Estimated
B = Analyte detectd in the laboratory blank.
Highlighted results exceed the respective unrestricted use soil cleanup objecitve

Table 11
SUBSURFACE DRILLING AND MONITORING WELL INSTALLATION SOIL SAMPLE ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Volatile Organic Compounds	CAS No.	Unrestricted Use Soil Cleanup Objective	Units	12-Jun-07 MW-17S (15'-17' bgs)	12-Jun-07 MW-17S (30'-32' bgs)	12-Jun-07 MW-17S (45'-47' bgs)	12-Jun-07 MW-17S (65'-67' bgs)	7-Jun-07 MW-17D (56'-58' bgs)	7-Jun-07 MW-17D (65'-67' bgs)	7-Jun-07 MW-17D (80'-82' bgs)	7-Jun-07 MW-17D (92'-93' bgs)
Acetone	67-64-1	50	ug/Kg	5 J	4.6 J	4.7 J	28 J	2.7 JB	15 JB	3.4 JB	3.4 JB
Benzene	71-43-2	60	ug/Kg	0.94 U	0.96 U	0.89 U	5 U	0.12 U	0.6 U	0.12 U	0.12 U
Bromodichloromethane	75-27-4		ug/Kg	0.91 U	0.94 U	0.86 U	4.9 U	0.12 U	0.6 U	0.12 U	0.12 U
Bromoform	75-25-2		ug/Kg	1.1 U	1.1 U	1 U	5.8 U	0.12 U	0.6 U	0.12 U	0.12 U
Bromomethane	74-83-9		ug/Kg	0.89 U	0.92 U	0.84 U	4.8 U	0.12 U	0.6 U	0.12 U	0.12 U
Methyl Ethyl Ketone	78-93-3		ug/Kg	1.9 U	2 U	1.8 U	10 U	0.12 U	0.6 U	0.12 U	0.12 U
Carbon disulfide	75-15-0		ug/Kg	0.66 U	0.68 U	0.63 U	3.6 U	0.12 U	0.6 U	0.12 U	0.76 J
Carbon tetrachloride	56-23-5	760	ug/Kg	0.85 U	0.87 U	0.8 U	4.6 U	0.12 U	0.6 U	0.12 U	0.12 U
Chlorobenzene	108-90-7	1100	ug/Kg	0.86 U	0.88 U	0.81 U	4.6 U	0.12 U	0.6 U	0.12 U	0.12 U
Chloroethane	75-00-3		ug/Kg	2.1 U	2.1 U	1.9 U	11 U	0.12 U	0.6 U	0.12 U	0.12 U
Chloroform	67-66-3		ug/Kg	0.58 U	0.59 U	0.55 U	3.1 U	0.12 U	0.6 U	0.12 U	0.12 U
Chloromethane	74-87-3		ug/Kg	0.98 U	1 U	0.93 U	5.3 U	0.12 U	0.6 U	0.12 U	0.12 U
Dibromochloromethane	124-48-1		ug/Kg	0.45 U	0.46 U	0.42 U	2.4 U	0.12 U	0.6 U	0.12 U	0.12 U
1,1-Dichloroethane	75-34-3	270	ug/Kg	0.88 U	0.91 U	0.83 U	4.7 U	0.12 U	0.6 U	0.12 U	0.12 U
1,2-Dichloroethane	107-06-2	20	ug/Kg	1.1 U	1.1 U	1 U	5.8 U	0.12 U	0.6 U	0.12 U	0.12 U
1,1-Dichloroethene	75-35-4	330	ug/Kg	1.2 U	1.2 U	1.1 U	18 J	5.4 J	18 J	0.12 U	0.12 U
1,2-Dichloropropane	78-87-5		ug/Kg	1.2 U	1.2 U	1.1 U	6.2 U	0.12 U	0.6 U	0.12 U	0.12 U
cis-1,3-Dichloropropene	10061-01-5		ug/Kg	0.85 U	0.87 U	0.8 U	4.6 U	0.12 U	0.6 U	0.12 U	0.12 U
trans-1,3-Dichloropropene	10061-02-6		ug/Kg	1 U	1 U	0.95 U	5.4 U	0.12 U	0.6 U	0.12 U	0.12 U
Ethylbenzene	100-41-4	1000	ug/Kg	0.86 U	0.88 U	0.81 U	4.6 U	0.12 U	0.6 U	0.12 U	0.12 U
2-Hexanone	591-78-6		ug/Kg	2.8 U	2.8 U	2.6 U	15 U	0.12 U	0.6 U	0.12 U	0.12 U
Methylene Chloride	75-09-2	50	ug/Kg	9.6 JB	10 JB	8.9 JB	36 JB	3.6 JB	20 JB	4.8 J B	4.1 J B
methyl isobutyl ketone	108-10-1		ug/Kg	1.3 U	1.3 U	1.2 U	6.9 U	0.12 U	0.6 U	0.12 U	0.12 U
Styrene	100-42-5		ug/Kg	1.2 U	1.2 U	1.1 U	6.2 U	0.12 U	0.6 U	0.12 U	0.12 U
1,1,2,2-Tetrachloroethane	79-34-5		ug/Kg	1.3 U	1.4 U	1.2 U	7.1 U	0.12 U	0.6 U	0.12 U	0.12 U
Tetrachloroethene	127-18-4	1300	ug/Kg	0.76 U	0.78 U	0.72 U	4.1 U	0.36 J	0.6 U	0.12 U	0.12 U
Toluene	108-88-3	700	ug/Kg	0.91 U	0.94 U	0.86 U	4.9 U	0.12 U	0.7 J	0.12 U	0.12 U
1,1,1-Trichloroethane	71-55-6	680	ug/Kg	0.91 U	0.94 U	0.86 U	97	29	100	0.12 U	0.12 U
1,1,2-Trichloroethane	79-00-5		ug/Kg	1.1 U	1.2 U	1.1 U	6.1 U	0.85 J	0.6 U	0.12 U	0.12 U
Trichloroethene	79-01-6	470	ug/Kg	1.7 J	0.76 U	32	990	230	700	0.12 U	0.12 U
Vinyl chloride	75-01-4	20	ug/Kg	0.95 U	0.97 U	0.9 U	5.1 U	0.12 U	0.6 U	0.12 U	0.12 U
Xylenes, Total	1330-20-7	260	ug/Kg	2.1 U	2.2 U	2 U	11 U	0.12 U	0.6 U	0.12 U	0.12 U
cis-1,2-Dichloroethene	156-59-2	250	ug/Kg	1.1 U	1.2 U	1.1 U	6.1 U	0.12 U	0.6 U	0.12 U	0.12 U
trans-1,2-Dichloroethene	156-60-5	190	ug/Kg	0.63 U	0.65 U	0.6 U	3.4 U	0.12 U	0.6 U	0.12 U	0.12 U

Notes:
U = Not detected. Reporting limit shown.
J = Estimated
B = Analyte detectd in the laboratory blank.
* = LCS or LCSD exceeds the control limits
Highlighted results exceed the respective unrestricted use soil cleanup objecitve

Table 11
SUBSURFACE DRILLING AND MONITORING WELL INSTALLATION SOIL SAMPLE ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Volatile Organic Compounds	CAS No.	Unrestricted Use Soil Cleanup Objective	Units	13-Jun-07 MW-18 (29'-30' bgs)	13-Jun-07 MW-18 (42'-43' bgs)	13-Jun-07 MW-18 (70'-71' bgs)	13-Jun-07 MW-18 (83'-84' bgs)	13-Jun-07 MW-18 (91'-92' bgs)	14-Jun-07 MW-18 (126'-127' bgs)	14-Jun-07 MW-18 (136'-137' bgs)	14-Jun-07 MW-19 (58'-59' bgs)
Acetone	67-64-1	50	ug/Kg	5 J	13 J	4.1 J	6.5 J	6 J	7.6 U	4.4 J	4.2 J
Benzene	71-43-2	60	ug/Kg	1 U	0.96 U	0.95 U	1 U	1 U	2.1 U	1 U	0.93 U
Bromodichloromethane	75-27-4		ug/Kg	0.98 U	0.94 U	0.92 U	1 U	1 U	2 U	0.98 U	0.91 U
Bromoform	75-25-2		ug/Kg	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	2.4 U	1.2 U	1.1 U
Bromomethane	74-83-9		ug/Kg	0.95 U	0.91 U	0.9 U	0.97 U	0.99 U	2 U	0.96 U	0.89 U
Methyl Ethyl Ketone	78-93-3		ug/Kg	2.1 U	2 U	2 U	2.1 U	2.2 U	4.3 U	2.1 U	1.9 U
Carbon disulfide	75-15-0		ug/Kg	0.71 U	0.68 U	0.67 U	0.72 U	0.74 U	1.5 U	0.71 U	0.66 U
Carbon tetrachloride	56-23-5	760	ug/Kg	0.91 U	0.87 U	0.86 U	0.93 U	0.95 U	1.9 U	0.91 U	0.85 U
Chlorobenzene	108-90-7	1100	ug/Kg	0.92 U	0.88 U	0.87 U	0.94 U	0.96 U	1.9 U	0.92 U	0.86 U
Chloroethane	75-00-3		ug/Kg	2.2 U	2.1 U	2.1 U	2.2 U	2.3 U	4.6 U	2.2 U	2.1 U
Chloroform	67-66-3		ug/Kg	0.62 U	0.59 U	0.58 U	0.63 U	0.64 U	1.3 U	0.62 U	0.58 U
Chloromethane	74-87-3		ug/Kg	1 U	1 U	0.99 U	1.1 U	1.1 U	2.2 U	1 U	0.98 U
Dibromochloromethane	124-48-1		ug/Kg	0.48 U	0.46 U	0.45 U	0.49 U	0.5 U	0.99 U	0.48 U	0.44 U
1,1-Dichloroethane	75-34-3	270	ug/Kg	0.94 U	0.9 U	0.89 U	0.96 U	0.98 U	2 U	0.94 U	0.88 U
1,2-Dichloroethane	107-06-2	20	ug/Kg	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	2.4 U	1.2 U	1.1 U
1,1-Dichloroethene	75-35-4	330	ug/Kg	1.3 U	1.2 U	1.2 U	1.3 U	1.3 U	9.6 J	4.1 J	1.2 U
1,2-Dichloropropane	78-87-5		ug/Kg	1.2 U	1.2 U	1.2 U	1.3 U	1.3 U	2.6 U	1.2 U	1.2 U
cis-1,3-Dichloropropene	10061-01-5		ug/Kg	0.91 U	0.87 U	0.86 U	0.93 U	0.95 U	1.9 U	0.91 U	0.85 U
trans-1,3-Dichloropropene	10061-02-6		ug/Kg	1.1 U	1 U	1 U	1.1 U	1.1 U	2.2 U	1.1 U	1 U
Ethylbenzene	100-41-4	1000	ug/Kg	0.92 U	0.88 U	0.87 U	0.94 U	0.96 U	1.9 U	0.92 U	0.86 U
2-Hexanone	591-78-6		ug/Kg	2.9 U	2.8 U	2.8 U	3 U	3.1 U	6.1 U	2.9 U	2.7 U
Methylene Chloride	75-09-2	50	ug/Kg	9.7 JB	8.1 JB	8.1 JB	8.2 JB	9.2 JB	8.8 JB	3.9 JB	8.6 JB
methyl isobutyl ketone	108-10-1		ug/Kg	1.4 U	1.3 U	1.3 U	1.4 U	1.4 U	2.8 U	1.4 U	1.3 U
Styrene	100-42-5		ug/Kg	1.2 U	1.2 U	1.2 U	1.3 U	1.3 U	2.6 U	1.2 U	1.2 U
1,1,2,2-Tetrachloroethane	79-34-5		ug/Kg	1.4 U	1.3 U	1.3 U	1.4 U	1.5 U	2.9 U	1.4 U	1.3 U
Tetrachloroethene	127-18-4	1300	ug/Kg	0.81 U	0.78 U	0.77 U	0.83 U	0.85 U	1.7 U	0.82 U	0.76 U
Toluene	108-88-3	700	ug/Kg	0.98 U	0.94 U	0.92 U	1 U	1 U	2 U	0.98 U	0.91 U
1,1,1-Trichloroethane	71-55-6	680	ug/Kg	0.98 U	0.94 U	0.92 U	1 U	1 U	37	17	0.91 U
1,1,2-Trichloroethane	79-00-5		ug/Kg	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	2.5 U	1.2 U	1.1 U
Trichloroethene	79-01-6	470	ug/Kg	0.79 U	0.76 U	0.75 U	0.81 U	1.3 J	250	110	0.74 U
Vinyl chloride	75-01-4	20	ug/Kg	1 U	0.97 U	0.96 U	1 U	1.1 U	2.1 U	1 U	0.94 U
Xylenes, Total	1330-20-7	260	ug/Kg	2.3 U	2.2 U	2.2 U	2.3 U	2.4 U	4.7 U	2.3 U	2.1 U
cis-1,2-Dichloroethene	156-59-2	250	ug/Kg	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	2.5 U	1.2 U	1.1 U
trans-1,2-Dichloroethene	156-60-5	190	ug/Kg	0.67 U	0.65 U	0.64 U	0.69 U	0.7 U	1.4 U	0.68 U	0.63 U

Notes:
U = Not detected. Reporting limit shown.
J = Estimated
B = Analyte detectd in the laboratory blank.
* = LCS or LCSD exceeds the control limits
Highlighted results exceed the respective unrestricted use soil cleanup objecitve

Table 11
SUBSURFACE DRILLING AND MONITORING WELL INSTALLATION SOIL SAMPLE ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Volatile Organic Compounds	CAS No.	Unrestricted Use Soil Cleanup Objective	Units	8-Jul-2008 MW-20 (55' bgs)	10-Jul-2008 MW-22 (51.5' bgs)	10-Jul-2008 MW-22 (57.5' bgs)	11-Jul-2008 MW-23 (42' bgs)	11-Jul-2008 MW-23 (47' bgs)	11-Jul-2008 MW-24 (94' bgs)	11-Jul-2008 MW-24 (97' bgs)
Acetone	67-64-1	50	ug/Kg	24 U	22 U	23 U	24 U	26 U	23 U	25 U
Benzene	71-43-2	60	ug/Kg	5.9 U	1.4 J	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Bromodichloromethane	75-27-4		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Bromoform	75-25-2		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Bromomethane	74-83-9		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Methyl Ethyl Ketone	78-93-3		ug/Kg	12 U	11 U	11 U	12 U	13 U	11 U	12 U
Carbon disulfide	75-15-0		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Carbon tetrachloride	56-23-5	760	ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Chlorobenzene	108-90-7	1100	ug/Kg	5.9 UJ	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Chloroethane	75-00-3		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Chloroform	67-66-3		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Chloromethane	74-87-3		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Dibromochloromethane	124-48-1		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
1,1-Dichloroethane	75-34-3	270	ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
1,2-Dichloroethane	107-06-2	20	ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
1,1-Dichloroethene	75-35-4	330	ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
1,2-Dichloropropane	78-87-5		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
cis-1,3-Dichloropropene	10061-01-5		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
trans-1,3-Dichloropropene	10061-02-6		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Ethylbenzene	100-41-4	1000	ug/Kg	5.9 UJ	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
2-Hexanone	591-78-6		ug/Kg	12 U	11 U	11 U	12 U	13 U	11 U	12 U
Methylene Chloride	75-09-2	50	ug/Kg	24 U	2.4 J	2.6 J	5.0 J	6.7 J	4.3 J	3.8 J
methyl isobutyl ketone	108-10-1		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Styrene	100-42-5		ug/Kg	5.9 UJ*	5.6 UJ*	5.7 UJ*	6.0 UJ*	6.5 UJ*	5.7 UJ*	6.2 UJ*
1,1,2,2-Tetrachloroethane	79-34-5		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Tetrachloroethene	127-18-4	1300	ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Toluene	108-88-3	700	ug/Kg	5.9 UJ	1.1 J	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
1,1,1-Trichloroethane	71-55-6	680	ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	3.8 J	2.4 J	4.6 J
1,1,2-Trichloroethane	79-00-5		ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Trichloroethene	79-01-6	470	ug/Kg	5.9 U	12	5.7 U	26	19	31	36
Vinyl chloride	75-01-4	20	ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
Xylenes, Total	1330-20-7	260	ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
cis-1,2-Dichloroethene	156-59-2	250	ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U
trans-1,2-Dichloroethene	156-60-5	190	ug/Kg	5.9 U	5.6 U	5.7 U	6.0 U	6.5 U	5.7 U	6.2 U

Notes:

U = Not detected. Reporting limit shown.

J = Estimated

B = Analyte detectd in the laboratory blank.

* = LCS or LCSD exceeds the control limits

Highlighted results exceed the respective unrestricted use soil cleanup objecitve

Table 12
HISTORICAL GROUNDWATER SAMPLING RESULTS
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

	Date	2-Aug-1995	11-Aug-1995	25-Aug-1995	7-Aug-1996	24-Apr-1997	29-Jul-1997	30-Apr-1998	13-Oct-1999	9-Nov-1999	10-Nov-2000	23-May-2001	31-Oct-2003	18-Nov-2004	2-Mar-2005	15-Sep-2006	17-Nov-2006	6-Jun-2007	30-Jun-2008
	Sampler	DOH/DEC	DEC	DEC	DEC	DEC/DOH	DEC/DOH	DEC/DOH	DEC	DEC/DOH	DEC	DEC/DOH	DEC	DEC	DEC	DEC	DEC	MPI	MPI
	Laboratory	DOH	General Testing	E&E	DOH	DOH	Intertek	DOH	CAS	DOH	CAS	DOH	CAS	CAS	CAS	DEC	DEC	DEC	DEC
	Lab method	502.2	8010	ASP 95-1	502.2	502.2	8260	502.2	ASP 95-1	502.2	8021B	502.2	8260B	8260B	8260B	OLM03.0	OLM03.0	OLM03.0	OLM03.0
Test Well	TCE	80															130	84	120
	1,1,1-TCA	16															50	5 J	47
	1,1-DCE	17															7 J	3 J	6 J
MW-1	TCE		240	210	320	250	220	200				180							
	1,1,1-TCA		120	100	180	130	120	110				80							
	1,1-DCE		7.2	ND	9	ND	8.1 J	12				11							
MW-2	TCE		ND	0.89 J	ND												ND	1	2 J
	1,1,1-TCA		3	2.1	2												2 J	1	2 J
	1,1-DCE		ND	ND	ND												ND	ND	ND
MW-3	TCE		ND	ND	ND														
	1,1,1-TCA		ND	ND	ND														
	1,1-DCE		ND	ND	ND														
MW-4	TCE		160	160	200	240	200	180		140		150		200			130	100	120
	1,1,1-TCA		110	96	150	140	110	74		85		72		79			41	36	40
	1,1-DCE		6.9	5.1	7	5.6	7.7 J	7.4		9.7		11		10			6 J	5 J	5 J
MW-5	TCE		20	21	38												12	6 J	8 J
	1,1,1-TCA		17	12	16												9 J	2 J	4 J
	1,1-DCE		ND	0.52	ND												2 J	ND	ND
MW-6	TCE		27	26	24	24	42	73				31					57	44	42
	1,1,1-TCA		28	26	27	54	69	40				25					20	17	20
	1,1-DCE		1.2	1.4	ND	2.2	4.9 J	4.8				2.8					3 J	2 J	2 J
MW-7	TCE		92	93	59	34	38	96		97		40					100	57	89
	1,1,1-TCA		32	29	20	31	42	43		46		17					29	17	26
	1,1-DCE		1.4	1.2	ND	1.5	2.8 J	4.1		4.4		2.1					4 J	2 J	3 J
MW-8	TCE								ND	ND								ND	
	1,1,1-TCA								ND	ND								ND	
	1,1-DCE								ND	ND								ND	
MW-9	TCE								ND	ND							ND	ND	ND
	1,1,1-TCA								ND	ND							ND	ND	ND
	1,1-DCE								ND	ND							ND	ND	ND
MW-10	TCE									ND							ND	1 J	ND
	1,1,1-TCA									3.2							2 J	3 J	3 J
	1,1-DCE									ND							ND	ND	ND
MW-11	TCE									ND								ND	
	1,1,1-TCA									ND								ND	
	1,1-DCE									ND								ND	
MW-12	TCE										ND	ND					ND	ND	ND
	1,1,1-TCA										ND	ND					ND	ND	ND
	1,1-DCE										ND	ND					ND	ND	ND
MW-13	TCE										610	450	340				180	150	150
	1,1,1-TCA										540	400	260				180	150	180
	1,1-DCE										66	58	31				31	20	24
	Total CVOCs										**1216**	**908**	**631**				**391**	**320**	**354**
MW-14	TCE										11000	3300	1000	950	1400	2600 D	470	1100	410 D
	1,1,1-TCA										4600	880	210	200	280	360 D	150	250	120
	1,1-DCE										570	120	32 J	28	54	45	23	38	16
	PCE										ND		ND	5.2 J	ND	6 J	3 J	7 J	3 J
	Total CVOCs										**16170**	**4300**	**1242**	**1183**	**1734**	**3011**	**646**	**1395**	**549**

Units = ug/L = ppb

Table 13
JUNE 2007 GROUNDWATER ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	NYS Class GA Standards	Unit	MW-2 6/6/2007	MW-4 6/6/2007	MW-5 6/6/2007	MW-6 6/6/2007	MW-7 6/6/2007	MW-8 6/6/2007	MW-9 6/6/2007	MW-10 6/6/2007	MW-11 6/6/2007	MW-12 6/6/2007	MW-13 6/6/2007	MW-14 6/6/2007	MW-15 6/7/2007	MW-16 6/14/2007
75-71-8	Dichlorodifluoromethane			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA
75-87-3	Chloromethane		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
75-01-4	Vinyl Chloride	2	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
74-83-9	Bromomethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
75-00-3	Chloroethane	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
75-69-4	Trichlorofluromethane			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA
75-35-4	1,1-Dichloroethene	5	ug/L	10 U	5 J	10 U	2 J	2 J	10 U	10 U	10 U	10 U	10 U	20	38	11	19 J
75-15-0	Carbon Disulfide		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
67-64-1	Acetone	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.6 J	40 U
75-09-2	Methylene Chloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
540-59-0	trans 1,2-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
1634-04-4	Methyl-tert butyl ether			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA
75-34-4	1,1-Dichloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 UM
108-05-4	Vinyl Acetate			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA
540-59-0	cis 1,2-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
78-93-3	2-Butanone	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 UJ	40 U
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.9	11 J
71-55-6	1,1,1-Trichloroethane	5	ug/L	1 J	36	2 J	17	17	10 U	10 U	3 J	10 U	10 U	150	270 D	60	98
56-23-5	Carbon Tetrachloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.63 J	20 U
107-06-2	1,2-Dichloroethane	0.6	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
79-01-6	Trichloroethene	5	ug/L	1 J	100	6 J	44	57	10 U	10 U	1 J	10 U	10 U	150	1400 D	1.8	350
78-87-5	1,2-Dichloropropane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
75-27-4	Bromodichloromethane	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.3 J	20 U
10061-01-5	cis-1,3-Dichloropropene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
108-10-1	4-Methyl-2-pentanone		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 UJ	40 U
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
10061-02-6	trans-1,3-Dichloropropene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	1 U	20 U
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7 J	1 U	20 U
591-78-6	2-Hexanone	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 UJ	40 U
124-48-1	Dibromochloromethane	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
108-90-7	Chlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
1330-20-7	m,p-Xylenes	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
1330-20-7	o-Xylene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
100-42-5	Styrene	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
75-25-2	Bromoform	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 UJ	20 U
79-34-5	1,1,2,2,-Tetrachloroethane	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	20 U
95-49-8	2-Chlorotoluene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA
106-43-4	4-Chlorotoluene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA
541-73-1	1,3-Dichlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA
106-46-7	1,4-Dichlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA
95-50-1	1,2-Dichlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA
120-82-1	1,2,4-Trichlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA
87-61-6	1,2,3-Trichlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA

Notes:

* = Guidance Value

Highlighted results exceed NYS standard

NA = Not analyzed

U = Not detected. Reporting limit shown.

J = Estimated

E = Exceeded instrument calibration range.

B = Analyte detectd in the laboratory blank.

M = Manual integrated compound.

Table 13
JUNE 2007 GROUNDWATER ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	NYS Class GA Standards	Unit	MW-17S 6/14/2007	MW-17D 6/14/2007	MW-18 6/14/2007	MW-19 6/14/2007	Test Well 6/6/2007	GP-2 6/7/2007	GP-3 6/7/2007	GP-4 6/7/2007	GP-6 6/7/2007	SS&G MW-2 6/7/2007	SS&G MW-3 6/7/2007	SS&G MW-4 6/11/2007	SS&G MW-5 6/6/2007
75-71-8	Dichlorodifluoromethane			NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-87-3	Chloromethane		ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	2	ug/L	50 U	5 U	20 U	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	5	ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	5*	ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluromethane			NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	5	ug/L	26 J	5 U	13 J	1.4	3 J	10 U	10 U	10 U	10 U	10 U	6 J	10 U	10 U
75-15-0	Carbon Disulfide		ug/L	50 U	5 UM	3.6 UM	1.6	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-64-1	Acetone	50*	ug/L	100 U	10 U	40 U	4.8 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene Chloride	5	ug/L	100 U	10 U	40 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
540-59-0	trans 1,2-Dichloroethene	5	ug/L	50 U	5 U	20 U	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1634-04-4	Methyl-tert butyl ether			NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-34-4	1,1-Dichloroethane	5	ug/L	11 J	0.6 UM	20 U	1 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-05-4	Vinyl Acetate			NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
540-59-0	cis 1,2-Dichloroethene	5	ug/L	50 U	5 U	20 U	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50*	ug/L	100 U	10 U	40 U	5 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	7	ug/L	14 J	3.6 J	3.8 J	14	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	5	ug/L	81	5 U	46	9.6	5 J	10 U	10 U	10 U	10 U	3 J	45	10 U	2 J
56-23-5	Carbon Tetrachloride	5	ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	1	ug/L	50 U	5 U	20 U	1.2	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	0.6	ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	5	ug/L	850	1 J	360	72	84	10 U	10 U	10 U	10 U	31	28	10 U	450 D
78-87-5	1,2-Dichloropropane	1	ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	50*	ug/L	50 U	5 U	20 U	0.86 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene		ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone		ug/L	100 U	10 U	40 U	5 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	50 U	5 U	20 U	0.57 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene		ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	50 U	5 U	4.1 J	1.3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	50*	ug/L	100 U	10 U	40 U	5 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	50*	ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	5	ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	m,p-Xylenes	5	ug/L	50 U	5 U	20 U	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	o-Xylene	5	ug/L	50 U	5 U	20 U	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-42-5	Styrene	5*	ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	50*	ug/L	50 U	5 U	20 U	1 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2,-Tetrachloroethane	5*	ug/L	50 U	5 U	20 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-49-8	2-Chlorotoluene		ug/L	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-43-4	4-Chlorotoluene		ug/L	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene		ug/L	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene		ug/L	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene		ug/L	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene		ug/L	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-61-6	1,2,3-Trichlorobenzene		ug/L	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

* = Guidance Value

Highlighted results exceed NYS standard

NA = Not analyzed

U = Not detected. Reporting limit shown.

J = Estimated

E = Exceeded instrument calibration range.

B = Analyte detectd in the laboratory blank.

M = Manual integrated compound.

Table 13
JUNE 2007 GROUNDWATER ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	NYS Class GA Standards	Unit	SS&G MW-6 6/6/2007	SS&G MW-7 6/7/2007	SS&G MW-8 6/7/2007	SS&G MW-9 6/6/2007	SS&G MW-10 6/11/2007	SS&G MW-11 6/11/2007	Production Well 10/4/2007	Trip Blank 6/6/2007	Trip Blank 6/14/2007
75-71-8	Dichlorodifluoromethane			10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	5 U
75-87-3	Chloromethane		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
75-01-4	Vinyl Chloride	2	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
74-83-9	Bromomethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
75-00-3	Chloroethane	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
75-69-4	Trichlorofluromethane			10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	5 U
75-35-4	1,1-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
75-15-0	Carbon Disulfide		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 UM
67-64-1	Acetone	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	2 J	10 U	2.1 JB
75-09-2	Methylene Chloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
540-59-0	trans 1,2-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
1634-04-4	Methyl-tert butyl ether			10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	5 U
75-34-4	1,1-Dichloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
108-05-4	Vinyl Acetate			10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	5 U
540-59-0	cis 1,2-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
78-93-3	2-Butanone	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
71-55-6	1,1,1-Trichloroethane	5	ug/L	3 J	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
56-23-5	Carbon Tetrachloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
107-06-2	1,2-Dichloroethane	0.6	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
79-01-6	Trichloroethene	5	ug/L	9 J	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
78-87-5	1,2-Dichloropropane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
75-27-4	Bromodichloromethane	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
10061-01-5	cis-1,3-Dichloropropene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
108-10-1	4-Methyl-2-pentanone		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
10061-02-6	trans-1,3-Dichloropropene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
591-78-6	2-Hexanone	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
108-90-7	Chlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
1330-20-7	m,p-Xylenes	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
1330-20-7	o-Xylene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
100-42-5	Styrene	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
75-25-2	Bromoform	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
79-34-5	1,1,2,2,-Tetrachloroethane	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	5 U
95-49-8	2-Chlorotoluene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	5 U
106-43-4	4-Chlorotoluene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	5 U
541-73-1	1,3-Dichlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	5 U
106-46-7	1,4-Dichlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	5 U
95-50-1	1,2-Dichlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	5 U
120-82-1	1,2,4-Trichlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	5 U
87-61-6	1,2,3-Trichlorobenzene		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	5 U

Notes:

* = Guidance Value

Highlighted results exceed NYS standard

NA = Not analyzed

U = Not detected. Reporting limit shown.

J = Estimated

E = Exceeded instrument calibration range.

B = Analyte detectd in the laboratory blank.

M = Manual integrated compound.

Table 14
2008 GROUNDWATER ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	NYS Class GA Standards	Unit	MW-2 6/30/2008	MW-4 7/1/2008	MW-5 7/1/2008	MW-6 6/30/2008	MW-7 6/30/2008	MW-9 6/30/2008	MW-10 6/30/2008	MW-12 6/30/2008	MW-13 6/30/2008	MW-14 6/30/2008	MW-15 6/30/2008	MW-16 7/1/2008	MW-17S 7/1/2008
75-71-8	Dichlorodifluoromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-87-3	Chloromethane		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	2	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	5	ug/L	10 U	5 J	10 U	2 J	3 J	10 U	10 U	10 U	24	16	8 J	21	55
75-15-0	Carbon Disulfide		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-64-1	Acetone	50*	ug/L	7 J	7 J	7 J	5 J	6 J	4 J	4 J	4 J	3 J	5 J	4 J	4 J	5 J
75-09-2	Methylene Chloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
540-59-0	trans 1,2-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1634-04-4	Methyl-tert butyl ether		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-34-4	1,1-Dichloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J
108-05-4	Vinyl Acetate		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
540-59-0	cis 1,2-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4 J
78-93-3	2-Butanone	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	5	ug/L	2 J	40	4 J	20	26	10 U	3 J	10 U	180	120	57	120	330 D
56-23-5	Carbon Tetrachloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	5	ug/L	2 J	120	8 J	42	89	10 U	10 U	10 U	150	410 D	10 U	340 D	2300 D
78-87-5	1,2-Dichloropropane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	0.4	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	0.4	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8 J
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U	6 J
591-78-6	2-Hexanone	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	m,p-Xylenes	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	o-Xylene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-42-5	Styrene	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2,-Tetrachloroethane	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-49-8	2-Chlorotoluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-43-4	4-Chlorotoluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	0.6	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-61-6	1,2,3-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

* = Guidance Value

Highlighted results exceed NYS standard

U = Not detected. Reporting limit shown.

J = Estimated

D = Result of analysis of diluted sample

Table 14
2008 GROUNDWATER ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	NYS Class GA Standards	Unit	MW-17D 7/1/2008	MW-18 7/1/2008	Duplicate 7/1/2008	MW-19 7/1/2008	MW-20 8/20/2008	MW-21 8/20/2008	MW-22 8/20/2008	MW-23 8/20/2008	MW-23 DUP 8/20/2008	MW-24S 8/20/2008	MW-24D 8/20/2008	MW-25 8/20/2008	MW-26 8/20/2008
75-71-8	Dichlorodifluoromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-87-3	Chloromethane		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	2	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	5	ug/L	10 U	5 J	5 J	2 J	10 U	3 J	10 U	10 U	10 U	9 J	8 J	10 U	10 U
75-15-0	Carbon Disulfide		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-64-1	Acetone	50*	ug/L	5 J	5 J	5 J	7 J	4 J	4 J	4 J	3 J	3 J	4 J	3 J	4 J	5 J
75-09-2	Methylene Chloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7 J
540-59-0	trans 1,2-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1634-04-4	Methyl-tert butyl ether		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-34-4	1,1-Dichloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J
108-05-4	Vinyl Acetate		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
540-59-0	cis 1,2-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50*	ug/L	10 U	1 J	1 J	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	10 U	3 J	7 J	10 U	10 U	10 U	1 J	10 U	7 J
71-55-6	1,1,1-Trichloroethane	5	ug/L	10 U	34	31	19	10 U	18	10 U	1 J	1 J	62	55	10 U	10 U
56-23-5	Carbon Tetrachloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	5 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	5	ug/L	10 U	250 D	230 D	89	10 U	47	10 U	3 J	3 J	210 D	160	10 U	4 J
78-87-5	1,2-Dichloropropane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	0.4	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	0.4	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U	4 J	4 J	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	m,p-Xylenes	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	o-Xylene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-42-5	Styrene	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2,-Tetrachloroethane	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-49-8	2-Chlorotoluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-43-4	4-Chlorotoluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	0.6	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-61-6	1,2,3-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

* = Guidance Value

Highlighted results exceed NYS standard

U = Not detected. Reporting limit shown.

J = Estimated

D = Result of analysis of diluted sample

Table 14
2008 GROUNDWATER ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	NYS Class GA Standards	Unit	MW-27 8/20/2008	Test Well 7/1/2008	Spring PZ-1 5/14/2008	Spring PZ-1 6/30/2008	Spring PZ-2 5/14/2008	Spring PZ-2 6/30/2008	Spring PZ-3 5/14/2008	Spring PZ-3 6/30/2008	GP-02 6/30/2008	GP-03 6/30/2008	GP-04 6/30/2008	GP-06 6/30/2008	SS&G MW-2 7/1/2008
75-71-8	Dichlorodifluoromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-87-3	Chloromethane		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	2	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	5	ug/L	10 U	6 J	10 U	10 U	3 J	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon Disulfide		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-64-1	Acetone	50*	ug/L	3 J	7 J	15 U	2 J	15 U	15 U	15 U	15 U	15 U	15 U	1 J	15 U	6 J
75-09-2	Methylene Chloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
540-59-0	trans 1,2-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1634-04-4	Methyl-tert butyl ether		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-34-4	1,1-Dichloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-05-4	Vinyl Acetate		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
540-59-0	cis 1,2-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J
67-66-3	Chloroform	7	ug/L	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	5	ug/L	10 U	47	10 U	10 U	19	16	3 J	4 J	10 U	10 U	10 U	10 U	3 J
56-23-5	Carbon Tetrachloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	5	ug/L	10 U	120	10 U	10 U	43	34	2 J	3 J	10 U	10 U	10 U	10 U	27
78-87-5	1,2-Dichloropropane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	0.4	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	0.4	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J
591-78-6	2-Hexanone	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	m,p-Xylenes	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	o-Xylene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-42-5	Styrene	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2,-Tetrachloroethane	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-49-8	2-Chlorotoluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-43-4	4-Chlorotoluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	0.6	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-61-6	1,2,3-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

* = Guidance Value

Highlighted results exceed NYS standard

U = Not detected. Reporting limit shown.

J = Estimated

D = Result of analysis of diluted sample

Table 14
2008 GROUNDWATER ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	NYS Class GA Standards	Unit	SS&G MW-3 7/1/2008	SS&G MW-4 7/1/2008	SS&G MW-5 7/1/2008	SS&G MW-6 8/20/2008	SS&G MW-7 7/1/2008	SS&G MW-8 7/1/2008	SS&G MW-9 7/1/2008	SS&G MW-10 7/1/2008	SS&G MW-11 7/1/2008	SS&G MW-15 7/1/2008	SS&G MW-16 7/1/2008	Trip Blank 7/1/2008	Trip Blank 8/20/2008
75-71-8	Dichlorodifluoromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-87-3	Chloromethane		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	2	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluromethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	5	ug/L	4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-15-0	Carbon Disulfide		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-64-1	Acetone	50*	ug/L	5 J	3 J	4 J	4 J	6 J	6 J	5 J	4 J	4 J	3 J	3 J	15 U	15 U
75-09-2	Methylene Chloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
540-59-0	trans 1,2-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1634-04-4	Methyl-tert butyl ether		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-34-4	1,1-Dichloroethane	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-05-4	Vinyl Acetate		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
540-59-0	cis 1,2-Dichloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-93-3	2-Butanone	50*	ug/L	1 J	10 U	10 U	10 U	1 J	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	7	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	5	ug/L	29	10 U	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
56-23-5	Carbon Tetrachloride	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
71-43-2	Benzene	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	5	ug/L	18	10 U	94	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	0.4	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone		ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	0.4	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
591-78-6	2-Hexanone	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	m,p-Xylenes	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	o-Xylene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
100-42-5	Styrene	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	50*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2,-Tetrachloroethane	5*	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-49-8	2-Chlorotoluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-43-4	4-Chlorotoluene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	0.6	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
87-61-6	1,2,3-Trichlorobenzene	5	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

* = Guidance Value

Highlighted results exceed NYS standard

U = Not detected. Reporting limit shown.

J = Estimated

D = Result of analysis of diluted sample

Table 15
HISTORICAL SURFACE WATER SAMPLING RESULTS
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Date	7-Feb-1990	19-Mar-1990	5-Apr-1990	11-Apr-1990	16-Apr-1990	7-Aug-1990	2-Apr-1992	3-Nov-1992	14-Sep-1993	8-Jun-1994	10-Apr-1995	2-Aug-1995	25-Aug-1995	7-Aug-1996	24-Apr-1997
Sampler	Village	E-S consultant	E-S	NYSDOH	E-S	DOH	DOH	DOH	DOH	DOH/DEC	DOH/DEC	DOH/DEC	DEC	DEC	DEC/DOH
Laboratory	Friend	Friend	Galson	NYSDOH		DOH	DOH	DOH	DOH	DOH	DOH	DOH	E&E	DOH	DOH
Lab method			EPA 502.2	502.2	505.2	502.2	502.2	502.2	502.2	502.2	502.2	502.2	ASP 95-1	502.2	502.2
Spring House (Disharge point at SC-1)															
TCE				4		15	25	100	91	100	95	78		120	160
1,1,1-TCA				70		110	85	85	70	83	79	65		81	93
1,1-DCE						ND	ND	6	10.6	17	17	17		8.9	3.7
Total CVOCs				**74**		**125**	**110**	**191**	**179.5**	**200**	**191**	**160**		**209.9**	**256.7**
Culvert at Eastern Spring (SC-1)															
TCE													110		
1,1,1-TCA													64		
1,1-DCE													ND		
Total CVOCs													**174**		
Eastern Springs Caisson (S-2) at SC-1															
TCE		26	20												
1,1,1-TCA		81	55												
1,1-DCE		14	2.4												
Upper eastern spring Caisson near SC-1															
TCE				22	21							60			
1,1,1-TCA				34	26							35			
1,1-DCE					3.4							7.8			
Middle eastern spring Caisson near SC-1															
TCE				29								68			
1,1,1-TCA				90								46			
1,1-DCE												13			
Main Collection Box (S-1) at Modock Rd.															
TCE	11	18	13												
1,1,1-TCA	35	98	37												
1,1-DCE		6	1.6												
Culvert at Modock Rd. (SC-2 or ST-1)															
TCE												32	47	50	32
1,1,1-TCA												21	25	25	17
1,1-DCE												3.8	1.1	ND	0.58
Total CVOCs												**56.8**	**73.1**	**75**	**49.58**
1st Culvert at Racoon Run (ST-2)															
TCE														20	13
1,1,1-TCA														9	7.3
1,1-DCE														ND	ND
Total CVOCs														**29**	**20.3**
2nd Culvert at Racoon Run															
TCE															4.7
1,1,1-TCA															3
1,1-DCE															ND
Culvert at Rabbit Ear Pass (ST-3)															
TCE															1.8
1,1,1-TCA															1.4
1,1-DCE															ND
S. side of Rt. 251															
TCE													ND		
1,1,1-TCA													ND		
1,1-DCE													ND		
Western Spring Caisson															
TCE		ND	ND												
1,1,1-TCA		ND	ND												
1,1-DCE		ND	ND												

Units = ug/L = ppb

Table 15
HISTORICAL SURFACE WATER SAMPLING RESULTS
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

Date	29-Jul-1997	30-Apr-1998	9-Nov-1999	9-May-2000	23-May-2001	18-Nov-2004	15-Sep-2006	17-Nov-2006	15-Feb-2007	9-May-2007	6-Jun-2007	4-Oct-2007	24-Apr-2008	14-May-2008	30-Jun-2008
Sampler	DEC/DOH	DEC/DOH	DEC/DOH	DOH/DEC	DEC/DOH	DEC	DEC	DEC	DEC	MPI	MPI	MPI	DEC	DEC	MPI
Laboratory	Intertek	DOH	DOH	DOH	DOH	CAS	DEC	DEC	DEC	DEC	DEC	TA	DEC	DEC	DEC
Lab method	8260	502.2	502.2	502.2	502.2	8260B	OLM03.0	OLM03.0		OLM03.0	OLM03.0	8260B	OLM03.0	OLM03.0	OLM03.0
Spring House (Disharge point at SC-1)															
TCE	150	160	130		140	170	140	120							
1,1,1-TCA	92	80	79		63	67	46	41							
1,1-DCE	6.8 J	9.3	8.7		9.7	9.4	8 J	6 J							
Total CVOCs	**242**	**249.3**	**217.7**		**212.7**	**246.4**	**186**	**161**							
Culvert at Eastern Spring (SC-1)															
TCE				110				73	100 D	84	88	110	88	84	77
1,1,1-TCA				52				27	35 D	30	36	33	42	32	31
1,1-DCE				7.4				4 J	6	4 J	4 J	5.3	6 J	5 J	4 J
Total CVOCs				**169.4**				**104**	**151**	**118**	**128**	**148.3**	**136**	**121**	**112**
Eastern Springs Caisson (S-2) at SC-1															
TCE															
1,1,1-TCA															
1,1-DCE															
Upper eastern spring Caisson near SC-1															
TCE															
1,1,1-TCA															
1,1-DCE															
Middle eastern spring Caisson near SC-1															
TCE															
1,1,1-TCA															
1,1-DCE															
Main Collection Box (S-1) at Modock Rd.															
TCE															
1,1,1-TCA															
1,1-DCE															
Culvert at Modock Rd. (SC-2 or ST-1)															
TCE	35		34			32	20		23	25	31	39	24		25
1,1,1-TCA	19		20			12	8 J		8	8 J	12	12	10 J		9 J
1,1-DCE	ND		1.2			1.6 J	2 J		1	ND	1 J	1.6 J	1 J		1 J
Total CVOCs	**54**		**55.2**			**45.6**	**30**		**32**	**33**	**44**	**52.6**	**35**		**35**
1st Culvert at Racoon Run (ST-2)															
TCE	14								11	10	9 J				8 J
1,1,1-TCA	7 J								3	3 J	3 J				3 J
1,1-DCE	ND								0.4 J	ND	ND				ND
Total CVOCs	**14**								**14.4**	**13**	**12**				**11**
2nd Culvert at Racoon Run															
TCE									4						
1,1,1-TCA									1						
1,1-DCE									ND						
Culvert at Rabbit Ear Pass (ST-3)															
TCE											1 J				1 J
1,1,1-TCA											ND				ND
1,1-DCE											ND				ND
S. side of Rt. 251															
TCE															
1,1,1-TCA															
1,1-DCE															
Western Spring Caisson															
TCE													ND		
1,1,1-TCA													ND		
1,1-DCE													ND		

Units = ug/L = ppb

Table 16
SURFACE WATER ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	Unit	SC-1 5/10/2007	SC-1 Dup 5/10/2007	SC-1 6/11/2007	SC-1 10/4/2007	SC-1 4/24/2008	SC-1 5/14/2008	SC-1 6/30/2008	ST-1 5/10/2007	ST-1 6/11/2007	ST-1 10/4/2007	ST-1 4/24/2008	ST-1 Dup 4/24/2008	ST-1 6/30/2008
75-71-8	Dichlorodifluoromethane	ug/L	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	NA	10 U	10 U	10 U
75-87-3	Chloromethane	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
74-83-9	Bromomethane	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
75-00-3	Chloroethane	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
75-69-4	Trichlorofluromethane	ug/L	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	NA	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	ug/L	4 J	4 J	4 J	5.3	6 J	5 J	4 J	10 U	1 J	1.6 J	1 J	1 J	1 J
75-15-0	Carbon Disulfide	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
67-64-1	Acetone	ug/L	10 U	10 U	10 U	10 U	15 U	15 U	15 U	10 U	10 U	10 U	15 U	15 U	15 U
75-09-2	Methylene Chloride	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
540-59-0	trans 1,2-Dichloroethene	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
1634-04-4	Methyl-tert butyl ether	ug/L	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	NA	10 U	10 U	10 U
75-34-4	1,1-Dichloroethane	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
108-05-4	Vinyl Acetate	ug/L	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	NA	10 U	10 U	10 U
540-59-0	cis 1,2-Dichloroethene	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
78-93-3	2-Butanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	ug/L	30	30	36	33	42	32	31	8 J	12	12	10 J	11	9 J
56-23-5	Carbon Tetrachloride	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
71-43-2	Benzene	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
79-01-6	Trichloroethene	ug/L	84	84	88	110	88	84	77	25	31	39	24	22	25
78-87-5	1,2-Dichloropropane	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
591-78-6	2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
100-41-4	Ethylbenzene	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
1330-20-7	m,p-Xylenes	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
1330-20-7	o-Xylene	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
100-42-5	Styrene	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
75-25-2	Bromoform	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
79-34-5	1,1,2,2,-Tetrachloroethane	ug/L	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U
95-49-8	2-Chlorotoluene	ug/L	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	NA	10 U	10 U	10 U
106-43-4	4-Chlorotoluene	ug/L	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	NA	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	NA	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	NA	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	NA	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	NA	10 U	10 U	10 U
87-61-6	1,2,3-Trichlorobenzene	ug/L	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	NA	10 U	10 U	10 U

Notes:

* = Guidance Value

Highlighted results exceed NYS standard

U = Not detected. Reporting limit shown.

J = Estimated

NA = Not Analyzed

Table 16
SURFACE WATER ANALYTICAL DATA
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	ST-2 5/10/2007	ST-2 6/11/2007	ST-2 6/30/2008	ST-3 6/11/2007	ST-3 6/30/2008	West Spring 4/24/2008	Spring 1 4/24/2008	Syracusa Pond 10/4/2007
75-71-8	Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA
75-87-3	Chloromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
75-01-4	Vinyl Chloride	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
74-83-9	Bromomethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
75-00-3	Chloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
75-69-4	Trichlorofluromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA
75-35-4	1,1-Dichloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
75-15-0	Carbon Disulfide	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
67-64-1	Acetone	10 U	10 U	15 U	10 U	15 U	15 U	15 U	10 U
75-09-2	Methylene Chloride	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
540-59-0	trans 1,2-Dichloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
1634-04-4	Methyl-tert butyl ether	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA
75-34-4	1,1-Dichloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
108-05-4	Vinyl Acetate	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA
540-59-0	cis 1,2-Dichloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
78-93-3	2-Butanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
71-55-6	1,1,1-Trichloroethane	3 J	3 J	3 J	10 U	10 U	10 U	10 U	5 U
56-23-5	Carbon Tetrachloride	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
71-43-2	Benzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
107-06-2	1,2-Dichloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
79-01-6	Trichloroethene	10	9 J	8 J	1 J	1 J	10 U	10 U	2.1 J
78-87-5	1,2-Dichloropropane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
75-27-4	Bromodichloromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
10061-01-5	cis-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
108-10-1	4-Methyl-2-pentanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
10061-02-6	trans-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
79-00-5	1,1,2-Trichloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
127-18-4	Tetrachloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
591-78-6	2-Hexanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
108-90-7	Chlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
100-41-4	Ethylbenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
1330-20-7	m,p-Xylenes	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
1330-20-7	o-Xylene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
100-42-5	Styrene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
75-25-2	Bromoform	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
79-34-5	1,1,2,2,-Tetrachloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U
95-49-8	2-Chlorotoluene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA
106-43-4	4-Chlorotoluene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA
541-73-1	1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA
106-46-7	1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA
95-50-1	1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA
120-82-1	1,2,4-Trichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA
87-61-6	1,2,3-Trichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA

Notes:

* = Guidance Value

Highlighted results exceed NYS standard

U = Not detected. Reporting limit shown.

J = Estimated

NA = Not Analyzed

Table 17
SURFACE SOIL AND GROUNDWATER NON-VOC ANALYTICAL DATA SUMMARY
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Compound	NYSDEC Class GA Standard or Guidance Value	Unit	MW-14 GW Groundwater 9/24/2008	MW-26 Groundwater 9/24/2008	SS&G MW-5 Groundwater 9/24/2008	SS&G MW-15 Groundwater 9/24/2008	SS&G MW-15 Lab Dup Groundwater 9/24/2008
	Metals							
7429-90-5	Aluminum		ug/L	500 U	1100	500 U	500 U	500 U
7440-36-0	Antimony	3	ug/L	20 U	20 U	20 U	20 U	20 U
7440-38-2	Arsenic	25	ug/L	20 U	20 U	20 U	20 U	20 U
7440-39-3	Barium	1000	ug/L	140	37	99	170	158
7440-41-7	Beryllium	3	ug/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
7440-43-9	Cadmium	5	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
7440-70-2	Calcium		ug/L	56200	14100	64200	67500	63580
7440-47-3	Chromium	50	ug/L	10 U	3.1 J	10 U	10 U	10 U
7440-48-4	Cobalt		ug/L	10 U	10 U	10 U	10 U	10 U
7440-50-8	Copper	200	ug/L	1.6 J	5.6 J	2.8 J	1.8 J	3.57 J
7439-89-6	Iron	300	ug/L	200 U	2000	200 U	200 U	76.2 J
7439-92-1	Lead	25	ug/L	10 U	10 U	10 U	10 U	10 U
7439-95-4	Magnesium	35,000	ug/L	29500	4700	27500	35400	33200
7439-96-5	Manganese	300	ug/L	5.2 J	140	15 U	15 U	2.82 J
7439-97-6	Mercury	0.7	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	NA
7440-02-0	Nickel	100	ug/L	6.2 J	3.6 J	10 U	10 U	10 U
7440-09-7	Potassium		ug/L	1000	7600	1100	1100	1000
7782-49-2	Selenium	10	ug/L	4.4 J	30 U	30 U	30 U	30 U
7440-22-4	Silver	50	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
7440-23-5	Sodium	20000	ug/L	2200	94600	3100	2700	2460
7440-28-0	Thallium	0.5	ug/L	30 U	30 U	30 U	30 U	30 U
7440-62-2	Vanadium		ug/L	5.0 U	2.6 J	5.0 U	5.0 U	5.0 U
7440-66-6	Zinc	2,000	ug/L	50 U	32 J	50 U	50 U	10.1 J
	Pesticides							
72-54-8	4,4'-DDD	0.3	ug/L	0.11 U	0.10 U	0.10 U	NA	NA
72-55-9	4,4'-DDE	0.2	ug/L	0.11 U	0.10 U	0.10 U	NA	NA
50-29-3	4,4'-DDT	0.2	ug/L	0.11 U	0.10 U	0.10 U	NA	NA
309-00-2	Aldrin	ND	ug/L	0.056 U	0.050 U	0.050 U	NA	NA
319-84-6	alpha-BHC		ug/L	0.056 U	0.050 U	0.050 U	NA	NA
5103-71-9	alpha-Chlordane	0.05	ug/L	0.056 U	0.050 U	0.050 U	NA	NA
319-85-7	beta-BHC		ug/L	0.056 U	0.050 U	0.050 U	NA	NA
319-86-8	delta-BHC		ug/L	0.056 U	0.050 U	0.050 U	NA	NA
60-57-1	Dieldrin	0.004	ug/L	0.11 U	0.10 U	0.10 U	NA	NA
959-98-8	Endosulfan I		ug/L	0.056 U	0.050 U	0.050 U	NA	NA
33213-65-9	Endosulfan II		ug/L	0.11 U	0.10 U	0.10 U	NA	NA
1031-07-8	Endosulfan sulfate		ug/L	0.11 U	0.10 U	0.10 U	NA	NA
72-20-8	Endrin	ND	ug/L	0.11 U	0.10 U	0.10 U	NA	NA
7421-93-4	Endrin aldehyde	5	ug/L	0.11 U	0.10 U	0.10 U	NA	NA
53494-70-5	Endrin ketone	5	ug/L	0.11 U	0.10 U	0.10 U	NA	NA
58-89-9	gamma-BHC (Lindane)	0.05	ug/L	0.056 U	0.018 J	0.050 U	NA	NA
5103-74-2	gamma-Chlordane	0.05	ug/L	0.056 U	0.0071 J	0.050 U	NA	NA
76-44-8	Heptachlor	0.04	ug/L	0.056 U	0.021 J	0.050 U	NA	NA
1024-57-3	Heptachlor epoxide	0.03	ug/L	0.056 U	0.0088 J	0.050 U	NA	NA
72-43-5	Methoxychlor	35	ug/L	0.56 U	0.50 U	0.50 U	NA	NA
8001-35-2	Toxaphene	0.06	ug/L	2.8 U	2.5 U	2.5 U	NA	NA
	PCBs							
12674-11-2	PCB-1016	0.09 (total PCBs)	ug/L	0.56 U	0.50 U	0.50 U	NA	NA
11104-28-2	PCB-1221	0.09 (total PCBs)	ug/L	1.1 U	1.0 U	1.0 U	NA	NA
11141-16-5	PCB-1232	0.09 (total PCBs)	ug/L	0.56 U	0.50 U	0.50 U	NA	NA
53469-21-9	PCB-1242	0.09 (total PCBs)	ug/L	0.56 U	0.50 U	0.50 U	NA	NA
12672-29-6	PCB-1248	0.09 (total PCBs)	ug/L	0.56 U	0.50 U	0.50 U	NA	NA
11097-69-1	PCB-1254	0.09 (total PCBs)	ug/L	0.56 U	0.50 U	0.50 U	NA	NA
11096-82-5	PCB-1260	0.09 (total PCBs)	ug/L	0.56 U	0.50 U	0.50 U	NA	NA
	Other							
57-12-5	Cyanide, Total	200	ug/L	10 U	10 U	10 U	NA	NA

Notes:
Highlighted results exceed standard or guidance.
NA - Not Analyzed
* - LCS or LCSD exceeds the control limits
J - Estimated
U - Not Detected. Reporting Limit or Method Detection Limit Shown.

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Table 17
SURFACE SOIL AND GROUNDWATER NON-VOC ANALYTICAL DATA SUMMARY
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Compound	NYSDEC Class GA Standard or Guidance Value	Unit	MW-14 GW Groundwater 9/24/2008	MW-26 Groundwater 9/24/2008	SS&G MW-5 Groundwater 9/24/2008	SS&G MW-15 Groundwater 9/24/2008	SS&G MW-15 Lab Dup Groundwater 9/24/2008
	SVOCs							
120-82-1	1,2,4-Trichlorobenzene		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
95-50-1	1,2-Dichlorobenzene		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
541-73-1	1,3-Dichlorobenzene		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
106-46-7	1,4-Dichlorobenzene		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
108-60-1	2,2'-oxybis[1-chloropropane]		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
95-95-4	2,4,5-Trichlorophenol	1	ug/L	10 U	10 U	10 U	NA	NA
88-06-2	2,4,6-Trichlorophenol	1	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
120-83-2	2,4-Dichlorophenol	5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
105-67-9	2,4-Dimethylphenol	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
51-28-5	2,4-Dinitrophenol	10	ug/L	26 U	25 U	25 U	NA	NA
121-14-2	2,4-Dinitrotoluene	5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
606-20-2	2,6-Dinitrotoluene	5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
91-58-7	2-Chloronaphthalene	10	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
95-57-8	2-Chlorophenol		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
91-57-6	2-Methylnaphthalene		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
95-48-7	2-Methylphenol		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
88-74-4	2-Nitroaniline	5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
88-75-5	2-Nitrophenol		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
91-94-1	3,3'-Dichlorobenzidine	5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
99-09-2	3-Nitroaniline	5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
534-52-1	4,6-Dinitro-2-methylphenol		ug/L	26 U	25 U	25 U	NA	NA
101-55-3	4-Bromophenyl phenyl ether		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
59-50-7	4-Chloro-3-methylphenol		ug/L	5.1 U	5.0 U	5.0 U	NA	NA
106-47-8	4-Chloroaniline	5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
7005-72-3	4-Chlorophenyl phenyl ether		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
106-44-5	4-Methylphenol		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
100-01-6	4-Nitroaniline	5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
100-02-7	4-Nitrophenol		ug/L	10 U	10 U	10 U	NA	NA
83-32-9	Acenaphthene		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
208-96-8	Acenaphthylene		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
120-12-7	Anthracene	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
56-55-3	Benzo[a]anthracene	0.002	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
50-32-8	Benzo[a]pyrene	ND	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
205-99-2	Benzo[b]fluoranthene	0.002	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
191-24-2	Benzo[g,h,i]perylene		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
207-08-9	Benzo[k]fluoranthene	0.002	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
100-51-6	Benzyl alcohol		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
111-91-1	Bis(2-chloroethoxy)methane	5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
111-44-4	Bis(2-chloroethyl)ether	1	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
117-81-7	Bis(2-ethylhexyl) phthalate	5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
85-68-7	Butyl benzyl phthalate	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
86-74-8	Carbazole		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
218-01-9	Chrysene	0.002	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
53-70-3	Dibenz(a,h)anthracene		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
132-64-9	Dibenzofuran		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
84-66-2	Diethyl phthalate	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
131-11-3	Dimethyl phthalate	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
84-74-2	Di-n-butyl phthalate	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
117-84-0	Di-n-octyl phthalate	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
206-44-0	Fluoranthene	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
86-73-7	Fluorene	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
118-74-1	Hexachlorobenzene	0.04	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
87-68-3	Hexachlorobutadiene	0.5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
77-47-4	Hexachlorocyclopentadiene	5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
67-72-1	Hexachloroethane	5	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
193-39-5	Indeno[1,2,3-cd]pyrene	0.002	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
78-59-1	Isophorone	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
91-20-3	Naphthalene	10	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
98-95-3	Nitrobenzene	0.4	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
621-64-7	N-Nitrosodi-n-propylamine		ug/L	4.1 U	4.0 U	4.0 U	NA	NA
86-30-6	N-Nitrosodiphenylamine	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
87-86-5	Pentachlorophenol	1	ug/L	26 U	25 U	25 U	NA	NA
85-01-8	Phenanthrene	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
108-95-2	Phenol	1	ug/L	4.1 U	4.0 U	4.0 U	NA	NA
129-00-0	Pyrene	50	ug/L	4.1 U	4.0 U	4.0 U	NA	NA

Notes:
Highlighted results exceed standard or guidance.
NA - Not Analyzed
* - LCS or LCSD exceeds the control limits
J - Estimated
U - Not Detected. Reporting Limit or Method Detection Limit Shown.

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Table 17
SURFACE SOIL AND GROUNDWATER NON-VOC ANALYTICAL DATA SUMMARY
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Compound	Unrestricted Use Soil Cleanup Objective	Unit	MW-14 Soil 9/24/2008	MW-26 Soil 9/24/2008	SS&G MW-6 Soil 9/24/2008	SS&G MW-15 Soil 9/24/2008
	Metals						
7429-90-5	Aluminum		mg/Kg	6330	2440	4740	7040
7440-36-0	Antimony		mg/Kg	13.5 U	12.2 U	11.7 U	11.2 U
7440-38-2	Arsenic	13	mg/Kg	2.0 J	0.87 J	2.2 J	3.4 J
7440-39-3	Barium	350	mg/Kg	51.1	18.2	61.4	64.1
7440-41-7	Beryllium	7.2	mg/Kg	0.31 J	1.7 U	1.6 U	0.50 J
7440-43-9	Cadmium	2.5	mg/Kg	6.8 U	6.1 U	5.8 U	5.6 U
7440-70-2	Calcium		mg/Kg	1750	44600	75900	3650
7440-47-3	Chromium	30	mg/Kg	7.6	3.4 J	6.7	7.4
7440-48-4	Cobalt		mg/Kg	4.2	2.3 J	4.2	4.8
7440-50-8	Copper	50	mg/Kg	7.7	8.9	20.2	8.1
7439-89-6	Iron		mg/Kg	11900	6480	11400	12100
7439-92-1	Lead	63	mg/Kg	18.0	4.7 J	16.5	19.2
7439-95-4	Magnesium		mg/Kg	1770	15600	40700	2820
7439-96-5	Manganese	1600	mg/Kg	928	274	593	1090
7439-97-6	Mercury	0.18	mg/Kg	0.037 J	0.053 U	0.027 J	0.024 J
7440-02-0	Nickel	30	mg/Kg	8.0	5.4 J	8.8	7.9
7440-09-7	Potassium		mg/Kg	567	662	1180	475
7782-49-2	Selenium	3.9	mg/Kg	13.5 U	12.2 U	11.7 U	11.2 U
7440-22-4	Silver	2	mg/Kg	4.1 U	3.6 U	3.5 U	3.4 U
7440-23-5	Sodium		mg/Kg	32.8 J	99.3 J	190 J	40.2 J
7440-28-0	Thallium		mg/Kg	9.5 U	8.5 U	8.2 U	7.8 U
7440-62-2	Vanadium		mg/Kg	11.8	5.3	9.2	12.6
7440-66-6	Zinc	109	mg/Kg	49.5	34.4	56.2	53.3
	Pesticides						
72-54-8	4,4'-DDD	3.3	ug/Kg	3.6 U	3.4 U	3.7 U	NA
72-55-9	4,4'-DDE	3.3	ug/Kg	3.6 U	3.4 U	3.7 U	NA
50-29-3	4,4'-DDT	3.3	ug/Kg	3.6 U	3.4 U	3.7 U	NA
309-00-2	Aldrin	5	ug/Kg	1.9 U	1.8 U	1.9 U	NA
319-84-6	alpha-BHC	20	ug/Kg	1.9 U	1.8 U	1.9 U	NA
5103-71-9	alpha-Chlordane	94	ug/Kg	1.9 U	1.8 U	1.9 U	NA
319-85-7	beta-BHC	36	ug/Kg	1.9 U	1.8 U	1.9 U	NA
319-86-8	delta-BHC	40	ug/Kg	1.9 U	1.8 U	1.9 U	NA
60-57-1	Dieldrin	5	ug/Kg	3.6 U	3.4 U	3.7 U	NA
959-98-8	Endosulfan I	2400	ug/Kg	1.9 U	1.8 U	1.9 U	NA
33213-65-9	Endosulfan II	2400	ug/Kg	3.6 U	3.4 U	3.7 U	NA
1031-07-8	Endosulfan sulfate	2400	ug/Kg	3.6 U	3.4 U	3.7 U	NA
72-20-8	Endrin	14	ug/Kg	3.6 U	3.4 U	3.7 U	NA
7421-93-4	Endrin aldehyde		ug/Kg	3.6 U	3.4 U	3.7 U	NA
53494-70-5	Endrin ketone		ug/Kg	3.6 U	3.4 U	3.7 U	NA
58-89-9	gamma-BHC (Lindane)	100	ug/Kg	1.9 U	1.8 U	1.9 U	NA
5103-74-2	gamma-Chlordane		ug/Kg	1.9 U	1.8 U	1.9 U	NA
76-44-8	Heptachlor	42	ug/Kg	1.9 U	1.8 U	1.9 U	NA
1024-57-3	Heptachlor epoxide		ug/Kg	1.9 U	1.8 U	1.9 U	NA
72-43-5	Methoxychlor		ug/Kg	19 U	18 U	19 U	NA
8001-35-2	Toxaphene		ug/Kg	91 U	87 U	92 U	NA
	PCBs						
12674-11-2	PCB-1016	100 (total PCBs)	ug/Kg	19 U	18 U	19 U	NA
11104-28-2	PCB-1221	100 (total PCBs)	ug/Kg	36 U	34 U	37 U	NA
11141-16-5	PCB-1232	100 (total PCBs)	ug/Kg	19 U	18 U	19 U	NA
53469-21-9	PCB-1242	100 (total PCBs)	ug/Kg	19 U	18 U	19 U	NA
12672-29-6	PCB-1248	100 (total PCBs)	ug/Kg	19 U	18 U	19 U	NA
11097-69-1	PCB-1254	100 (total PCBs)	ug/Kg	19 U	18 U	13 J	NA
11096-82-5	PCB-1260	100 (total PCBs)	ug/Kg	19 U	18 U	5.6 J	NA
	Other						
57-12-5	Cyanide, Total	27000	ug/Kg	100 J	530 U	560 U	NA
	Percent Moisture		%	9.31	4.84	10.1	3.91
	Percent Solids		%	90.7	95.2	89.9	96.1

Notes:
Highlighted results exceed standard or guidance.
NA - Not Analyzed
* - LCS or LCSD exceeds the control limits
J - Estimated
U - Not Detected. Reporting Limit or Method Detection Limit Shown.

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Table 17
SURFACE SOIL AND GROUNDWATER NON-VOC ANALYTICAL DATA SUMMARY
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Compound	Unrestricted Use Soil Cleanup Objective	Unit	MW-14 Soil 9/24/2008	MW-26 Soil 9/24/2008	SS&G MW-6 Soil 9/24/2008	SS&G MW-15 Soil 9/24/2008
	SVOCs						
120-82-1	1,2,4-Trichlorobenzene		ug/Kg	290 U	280 U	300 U	NA
95-50-1	1,2-Dichlorobenzene		ug/Kg	290 U	280 U	300 U	NA
541-73-1	1,3-Dichlorobenzene		ug/Kg	290 U	280 U	300 U	NA
106-46-7	1,4-Dichlorobenzene		ug/Kg	290 U	280 U	300 U	NA
108-60-1	2,2'-oxybis[1-chloropropane]		ug/Kg	290 U	280 U	300 U	NA
95-95-4	2,4,5-Trichlorophenol		ug/Kg	1800 U	1800 U	1900 U	NA
88-06-2	2,4,6-Trichlorophenol		ug/Kg	290 U	280 U	300 U	NA
120-83-2	2,4-Dichlorophenol		ug/Kg	290 U	280 U	300 U	NA
105-67-9	2,4-Dimethylphenol		ug/Kg	290 U	280 U	300 U	NA
51-28-5	2,4-Dinitrophenol		ug/Kg	1800 U *	1800 U *	1900 U *	NA
121-14-2	2,4-Dinitrotoluene		ug/Kg	290 U	280 U	300 U	NA
606-20-2	2,6-Dinitrotoluene		ug/Kg	290 U	280 U	300 U	NA
91-58-7	2-Chloronaphthalene		ug/Kg	290 U	280 U	300 U	NA
95-57-8	2-Chlorophenol		ug/Kg	290 U	280 U	300 U	NA
91-57-6	2-Methylnaphthalene		ug/Kg	290 U	280 U	300 U	NA
95-48-7	2-Methylphenol		ug/Kg	290 U	280 U	300 U	NA
88-74-4	2-Nitroaniline		ug/Kg	1800 U	1800 U	1900 U	NA
88-75-5	2-Nitrophenol		ug/Kg	290 U	280 U	300 U	NA
91-94-1	3,3'-Dichlorobenzidine		ug/Kg	730 U	690 U	740 U	NA
99-09-2	3-Nitroaniline		ug/Kg	1800 U	1800 U	1900 U	NA
534-52-1	4,6-Dinitro-2-methylphenol		ug/Kg	1800 U	1800 U	1900 U	NA
101-55-3	4-Bromophenyl phenyl ether		ug/Kg	290 U	280 U	300 U	NA
59-50-7	4-Chloro-3-methylphenol		ug/Kg	290 U	280 U	300 U	NA
106-47-8	4-Chloroaniline		ug/Kg	290 U	280 U	300 U	NA
7005-72-3	4-Chlorophenyl phenyl ether		ug/Kg	290 U	280 U	300 U	NA
106-44-5	4-Methylphenol		ug/Kg	290 U	280 U	300 U	NA
100-01-6	4-Nitroaniline		ug/Kg	290 U	280 U	300 U	NA
100-02-7	4-Nitrophenol		ug/Kg	1800 U	1800 U	1900 U	NA
83-32-9	Acenaphthene	20000	ug/Kg	290 U	280 U	300 U	NA
208-96-8	Acenaphthylene	100000	ug/Kg	290 U	280 U	300 U	NA
120-12-7	Anthracene	100000	ug/Kg	290 U	280 U	300 U	NA
56-55-3	Benzo[a]anthracene	1000	ug/Kg	290 U	280 U	300 U	NA
50-32-8	Benzo[a]pyrene	1000	ug/Kg	290 U	280 U	300 U	NA
205-99-2	Benzo[b]fluoranthene	1000	ug/Kg	290 U	280 U	300 U	NA
191-24-2	Benzo[g,h,i]perylene	100000	ug/Kg	290 U	280 U	300 U	NA
207-08-9	Benzo[k]fluoranthene	800	ug/Kg	290 U	280 U	300 U	NA
100-51-6	Benzyl alcohol		ug/Kg	290 U	280 U	300 U	NA
111-91-1	Bis(2-chloroethoxy)methane		ug/Kg	290 U	280 U	300 U	NA
111-44-4	Bis(2-chloroethyl)ether		ug/Kg	290 U	280 U	300 U	NA
117-81-7	Bis(2-ethylhexyl) phthalate		ug/Kg	290 U	280 U	300 U	NA
85-68-7	Butyl benzyl phthalate		ug/Kg	290 U	280 U	300 U	NA
86-74-8	Carbazole		ug/Kg	290 U	280 U	300 U	NA
218-01-9	Chrysene	1000	ug/Kg	290 U	280 U	300 U	NA
53-70-3	Dibenz(a,h)anthracene	330	ug/Kg	290 U	280 U	300 U	NA
132-64-9	Dibenzofuran		ug/Kg	290 U	280 U	300 U	NA
84-66-2	Diethyl phthalate		ug/Kg	290 U	280 U	300 U	NA
131-11-3	Dimethyl phthalate		ug/Kg	290 U	280 U	300 U	NA
84-74-2	Di-n-butyl phthalate		ug/Kg	290 U	280 U	300 U	NA
117-84-0	Di-n-octyl phthalate		ug/Kg	290 U	280 U	300 U	NA
206-44-0	Fluoranthene	100000	ug/Kg	290 U	280 U	300 U	NA
86-73-7	Fluorene	30000	ug/Kg	290 U	280 U	300 U	NA
118-74-1	Hexachlorobenzene		ug/Kg	290 U	280 U	300 U	NA
87-68-3	Hexachlorobutadiene		ug/Kg	290 U	280 U	300 U	NA
77-47-4	Hexachlorocyclopentadiene		ug/Kg	400 U	380 U	410 U	NA
67-72-1	Hexachloroethane		ug/Kg	290 U	280 U	300 U	NA
193-39-5	Indeno[1,2,3-cd]pyrene	500	ug/Kg	290 U	280 U	300 U	NA
78-59-1	Isophorone		ug/Kg	290 U	280 U	300 U	NA
91-20-3	Naphthalene	12000	ug/Kg	290 U	280 U	300 U	NA
98-95-3	Nitrobenzene		ug/Kg	290 U	280 U	300 U	NA
621-64-7	N-Nitrosodi-n-propylamine		ug/Kg	290 U	280 U	300 U	NA
86-30-6	N-Nitrosodiphenylamine		ug/Kg	290 U	280 U	300 U	NA
87-86-5	Pentachlorophenol	800	ug/Kg	1800 U	1800 U	1900 U	NA
85-01-8	Phenanthrene	100000	ug/Kg	290 U	280 U	300 U	NA
108-95-2	Phenol	330	ug/Kg	290 U	280 U	300 U	NA
129-00-0	Pyrene	100000	ug/Kg	290 U	280 U	300 U	NA

Notes:
Highlighted results exceed standard or guidance.
NA - Not Analyzed
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J - Estimated
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Table 18
HYDRAULIC CONDUCTIVITY TESTING SUMMARY
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

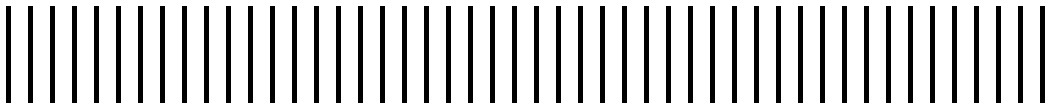
Well ID	Unit	Average of Falling Head Test K Values	Average of Rising Head Test K Values	Average K Value
MW-6	ft/day	1.66	N/A	1.66
MW-7	ft/day	33.04	79.57	56.30
MW-8	ft/day	1.00	1.18	1.09
MW-9	ft/day	1.58	1.58	1.58
MW-10	ft/day	0.25	0.22	0.24
MW-13	ft/day	1.22	1.64	1.43
MW-14	ft/day	3.43	2.88	3.16
MW-15	ft/day	1.21	1.84	1.53
MW-17S	ft/day	2.02	2.96	2.49
MW-20	ft/day	2.04	1.29	1.67
MW-21	ft/day	4.54	5.03	4.79
MW-22	ft/day	0.11	0.30	0.20
MW-23	ft/day	0.33	0.19	0.26
MW-24S	ft/day	10.44	9.68	10.06
MW-24D	ft/day	7.56	3.09	5.33
MW-25	ft/day	0.39	0.34	0.37
MW-26	ft/day	0.01	0.09	0.05
MW-27	ft/day	9.46	7.77	8.61
SS&G MW-9	ft/day	0.27	0.30	0.29

Notes:
ft/day - Feet per day
K - Hydraulic conductivity
K values estimated using the Bower and Rice method

New York State Department of Environmental Conservation
Remedial Investigation Report
Modock Road Springs/DLS Sand and Gravel, Inc. Site

Appendices A through L

Included on enclosed compact disc



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MALCOLM PIRNIE