REMEDIAL INVESTIGATION REPORT
FORMER ALUMINUM LOUVRE CORPORATION
(NYSDEC Site Number 130195)
Volume 1 – Report

NYSDEC STANDBY ENGINEERING CONTRACT
Work Assignment #D006129-10

PREPARED FOR
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ACRONYMS AND ABBREVIATIONS

µg/l	micrograms per liter
µg/m^3	micrograms per cubic meter
1,1 DCE	1,1-dichloroethylene
1,1,1-TCA	1,1,1-trichloroethane
1,1-DCA	1,1-dichloroethane
4,4'-DDD	dichlorodiphenyldichloroethane
4,4'-DDE	dichlorodiphenyldichloroethylene
4,4'-DDT	dichlorodiphenyl trichloroethane
AAA	Automobile Association of America
ACT	Advanced Cleanup Technologies, Inc.
AOC	area of concern
AST	above ground storage tank
Bgs	below ground surface
Class GA	Class GA waters are fresh groundwaters
cVOC	chlorinated volatile organic compound
DCE	cis-1,2-dichloroethene
DUSR	Data Usability Summary Report
DW	dry well
FAP	field activities plan
ft	feet
GCI	General Consolidated Industries, Inc.
GPR	ground penetrating radar
GWQS	ground water quality standards
HDR	Henningson, Durham & Richardson Architecture and Engineering, PC.
HSA	hollow stem auger
HVAC	heating, ventilation and air conditioning
ID	internal diameter
IRM	interim remedial measure
MS/MSD	matrix spike/matrix spike duplicate
MTBE	methyl tertiary butyl ether
MW	monitoring well
NCDH	Nassau County Department of Health
NCFM	Nassau County Fire Marshal
NEMF	New England Motor Freight
NOV	notice of violation
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PA/SI	preliminary assessment/site inspection
PCB	Polychlorinated Biphenyl
PCE	tetrachloroethene
PID	photoionization detector
ppb	parts per billion

ppm	parts per million
PVC	polyvinyl chloride
QAPP	quality assurance project plan
RI	remedial investigation
SCO	soil cleanup objective
SCR	site characterization report
SG	soil gas
SSCO	supplemental soil cleanup objectives
SVI	soil vapor intrusion
SVOC	semi volatile organic compound
TAGM	Technical and Administrative Guidance
TCE	trichloroethene
TCL	target compound list
TOB	Town of Oyster Bay
TOG	technical operations guide
TPH	total petroleum hydrocarbons
UGA	upper glacial aquifer
USEPA/EPA	United States Environmental Protection Agency
UST	underground storage tank
VCA	voluntary cleanup agreement
VCP	voluntary cleanup program
VOC	volatile organic compound
YEC	YEC Engineering, P.C.

EXECUTIVE SUMMARY

From January 2011 through August 2012, HDR conducted a Remedial Investigation (RI) of the Former Aluminum Louvre site (NYSDEC Site #130195), located at 161 Bethpage-Sweethollow Road and 301 Winding Road in Old Bethpage, Town of Oyster Bay, Nassau County, New York (Figure 1). The RI consisted of four components: a soil sampling program, a soil vapor/ambient air sampling program, a monitoring well installation program, and a groundwater sampling program. The four RI program components were completed in two phases: The initial round of field work in 2011 that focused on the identification and the initial delineation of Areas of Concern (AOCs), and additional delineation of impacted soil and groundwater, and a second round of soil vapor and indoor air sampling in 2012. This second phase of the RI field work was conducted after discussion of the 2011 results and scope development with the New York State Department of Environmental Conservation (NYSDEC).

The analytical results for the first phase of soil sampling program in 2011 identified an area of subsurface soil contamination to the northeast of the building at 301 Winding Road. This area extends underneath the southeastern portion of the 161 Bethpage-Sweethollow Road building and to the west between the buildings on the two properties. Soil in this area is impacted with volatile organic compounds (VOCs) above applicable New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objectives (SCOs), primarily trichloroethylene (TCE), tetrachloroethylene (PCE), cis-1,2-dichloroethene (DCE), 1,1,1-trichloroethane (1,1,1-TCA), toluene, and xylene. TCE and PCE were the most frequently detected compounds and also exceeded the SCOs by the largest factors. The highest contaminant concentrations were detected on the 301 property near a former drywell just south of the 161 building. Based on sampling results and field screening observations, the contaminated subsurface soil appeared to be largely confined to a layer of silty clay, in which the highest VOC concentrations were consistently detected from between 14 and 18 feet below ground surface (bgs). In addition, a small area of soil impacted with polychlorinated biphenyls (PCBs) and three pesticides above the Unrestricted Use SCOs was identified near another drywell east of the 301 Winding Road building. The areas to the west and north of the two site buildings investigated as part of the RI soil investigation did not have soil contamination above applicable Unrestricted SCOs.

In 2012, additional soil borings were installed to complete horizontal and vertical delineation of the VOC and pesticides/PCBs contamination identified in 2011.

The vapor intrusion sampling program was conducted in two phases in 2011 and 2012 and included the collection of sub-slab vapor samples at six locations inside the site buildings, indoor air samples, and outdoor air samples. In 2011, the sub slab vapor samples from three of the four sampling points showed generally low concentrations of chlorinated VOCs (1,1,1-TCA: 0.83 ND to 1.3 $\mu g/m^3$; PCE: 1.4 to 3.9 $\mu g/m^3$; TCE: 0.98 to 2.9 $\mu g/m^3$). The fourth sample, collected in the southeast corner of the 161 Bethpage-Sweethollow Road building had significantly higher concentrations (1,1,1-TCA: 4.9 $\mu g/m^3$, PCE: 3,000 $\mu g/m^3$, and TCE 52 $\mu g/m^3$). During the second round of sampling in 2012, the concentrations of 1,1,1-TCA (260 to 560 $\mu g/m^3$) , PCE (1,100 to 8,300 $\mu g/m^3$), and TCE (460 to 23,000 $\mu g/m^3$) in the soil vapor samples were up to three orders of magnitude higher than in 2011. While the reason or reasons for the significantly higher concentrations in 2012 are not readily apparent, meteorological conditions may have contributed to the differences. The co-located indoor air samples collected inside the site buildings indicated concentrations for the three detected compounds for which NYSDOH has established air guideline values, PCE (2.4 $\mu g/m^3$ to 57 $\mu g/m^3$), TCE (0.49 $\mu g/m^3$ to 3.8 $\mu g/m^3$), and methylene chloride (0.78 $\mu g/m^3$ to 35 $\mu g/m^3$) below the corresponding NYSDOH air guideline values (PCE: 100 $\mu g/m^3$, TCE: 5 $\mu g/m^3$, and methylene chloride: 60 $\mu g/m^3$). Indoor air samples were not collected inside the 301 building in 2012 because of high photo-ionization detector (PID) readings from the indoor storage of tires that were expected to compromise the integrity of any indoor air samples.

The first phase of well drilling program in 2011 consisted of the installation of multi-level wells at six locations within the site. Each of these multi-level well clusters had three separate screened depth intervals, one each at the water table approximately 60 to 70 feet bgs, one between 95 and 100 feet bgs, and one between 120 and 125 feet bgs. An additional four permanent multi-level groundwater monitoring wells were installed in 2012 at off-site locations to the east and southeast to further delineate the horizontal and vertical extent of the chlorinated solvents plume. As in 2011, these wells were completed as triplets, with three screened intervals (water table, intermediate, and deep) at each well. In addition, one single-depth permanent deep well with a screened interval from 173 to 183 feet bgs was installed in the source area at 301 Winding Road.

The 2011 groundwater sampling program included the sets of newly installed multi-level wells, sampling of five previously installed water table wells, and sampling of groundwater at 15 temporary locations. To further delineate the extent of groundwater contamination, in 2012, groundwater samples were collected from temporary piezometers installed at three upgradient locations on the north side of Bethpage-Sweethollow Road, at three locations on the easternmost boundary of the 161 property, and at three locations at 303 Winding Road to the south of the site. Groundwater samples were collected at three intervals: at the water table, at approximately 95 feet bgs, and at 125 feet bgs. Two rounds of monitoring well samples were collected in 2012 from the four new off-site multi-level groundwater monitoring wells and the new single-depth permanent monitoring well installed in the 301 Winding Road source area. In addition, one round of samples was collected from two of the multi-level wells installed in 2011.

The analytical results for groundwater indicate that chlorinated VOCs and other compounds are present in groundwater at the site. Groundwater at both the 161 and 301 properties is impacted with chlorinated VOCs above applicable standards, most notably TCE, PCE, DCE, and 1,1,1-TCA, and less widespread, toluene and xylene. The contamination originates mostly at a source area in the northeastern portion of the 301 property and extends from the water table to greater than 125 feet bgs in some areas, both on- and off-site. Groundwater flow, as determined during the RI, is generally to the southeast, which is consistent with previous investigations and regional groundwater flow maps. At the site itself, the flow direction at the water table has a more easterly component, which can be explained with local groundwater mounding that is due to the Nassau County Recharge Basin No. 528, located to the northwest of the intersection of Winding Road and Bethpage-Sweethollow Road. As shallow groundwater is moving off-site to the east of the site, the easterly flow changes to a southerly direction.

The highest concentrations of TCE, the main contaminant in groundwater at the site, were found at the water table in the soil source area in the eastern portion of the 301 property, and in the intermediate depths intervals to the east and southeast of the main source area, both on-site and off-site. With increasing distance from the source area, the highest concentrations of TCE and other chlorinated VOCs are found in the deeper sampling intervals of the multi-level wells. The highest off-site concentration of TCE (300 µg/l) was discovered on the 303 Winding Road property to the southeast at 95 feet bgs, in the general direction of groundwater flow. Another

area of high TCE concentrations at some distance from the main source area is in the eastern part of the 161 property (TCE to 550 µg/l at 70 feet bgs), in the direction of the observed flow of shallow groundwater. Further to the east and east-southeast, TCE exceeded the NYSDEC Class GA standard in the intermediate and deep intervals at two off-site monitoring wells at depths of 90 feet bgs and deeper. These two wells also had 1,1,1-TCA at higher concentrations than in the on-site source area wells, indicating that the observed contamination in this area may at least in part be attributable to another source. A previous investigation reported the historic use of 1,1,1-TCA and other solvents at one of the off-site properties to the east (195 Bethpage-Sweethollow Road), along with the discovery of amber liquid in a dry well, and an illegal cesspool in the parking lot of the property. During a subsequent investigation conducted in 2009 as part of a larger site characterization study (Malcolm Pirnie 2010), several soil, groundwater and soil vapor samples were collected at the 195 property. The concentrations of the chlorinated VOCs of concern (TCE, PCE, 1,1,1-TCA, and cis-1,2-DCE) did not exceed the applicable NYSDEC standards in soil and groundwater. The soil vapor results indicated the presence of several VOCs at elevated concentrations, with the highest concentration reported in a deep sample collected from near the water table. The results for the 2009 investigation do not indicate a VOC source in soil in the investigated areas of the 195 property; however, it is not known whether any of the 2009 sample locations were placed near the cesspool or the dry well that were observed in 1991. The presence of higher 1,1,1-TCA concentrations in groundwater to the east of the site than on the site itself indicates a contribution of this compound from somewhere other than the site.

The horizontal and vertical extent of groundwater contamination was not delineated to the east and southeast. Definitive delineation may not be feasible because of the presence of other off-site source areas.

To the northwest and west of the site, the concentrations of chlorinated VOCs are mostly non-detect or low. Towards the south, TCE decreases to below the NYSDEC Class GA standard from just south of the site boundary (21 µg/l at 60 feet bgs) to below the standard south of the 303 property (1.7 µg/l). As such, the horizontal and vertical extent of the VOC contamination has been delineated in this direction.

1.0 INTRODUCTION

1.1 Site Description and Background

The Former Aluminum Louvre Corporation site is located at the southeast corner of Bethpage-Sweethollow Road and Winding Road in the Hamlet of Old Bethpage, Town of Oyster Bay in a suburban portion of Nassau County, New York (Figure 1). The site is approximately 3.36 acres in size and consists of two tax parcels with the respective addresses of 161 Bethpage-Sweethollow Road (tax parcel 47-A-265, approximately 2.14 acres) and 301 Winding Road (tax parcel 47-A-263, approximately 1.22 acres). The 301 Winding Road property was previously known as 310 Winding Road, and is identified as such in some of the previous environmental reports. In this report, the property will consistently be referred to as 301 Winding Road, except when discussing previous reports that used the 310 Winding Road address.

Each of the two lots contains one commercial/industrial building (Figure 3). The building at 161 Bethpage-Sweethollow Road is currently occupied by three tenants: a paving company, the Automobile Association of America (AAA) of New York (office and warehouse use), and a general contracting company. AAA sub-leases a portion of their area to a heating, ventilation and air conditioning (HVAC) contractor. The building at 301 Winding Road was mostly vacant during the RI, with the exception of an office used by a tenant and storage by the previous operator, Global Pottery, Inc., a distributor of pottery and flower pots. During 2011 the building was used for overflow storage by a nearby tire sales company. From 2011 to 2012 the area used for storage expanded to fill about half of the warehouse space. In addition, a new tenant began operating out of the other half of the warehouse in 2012, and significant modification to the building and lot are ongoing to accommodate this business, which involves the separation of solids from used vegetable oil that will be used for the production of biodiesel (offsite). The surrounding properties to the north, east and south are used for commercial and light industrial purposes. To the west and southwest are an inactive municipal waste incinerator and the former Old Bethpage Landfill.

The Aluminum Louvre Corporation formerly owned 161 Bethpage-Sweethollow Road and also owned or leased the 301 Winding Road property, and simultaneously occupied both lots that comprise the site. Aluminum Louvre moved to the site from 152 Express Street in Plainview

sometime in 1986. Aluminum Louvre manufactured louvres at the site, which involved the stamping, cutting, and shaping of metal stock and degreasing and painting. Nassau County records indicate that Aluminum Louvre used PCE, TCE, and 1,1,1-TCA at the site from 1986-1994, and generated halogenated solvent waste and oily wastes during this time.

Prior to Aluminum Louvre Corporation, New Dimensions Research, a manufacturer of advertising displays, operated at the site. New Dimensions Research operated spray booths at the property and a 1981 Nassau County Department of Health questionnaire identified a number of chemicals used at the property at the time, including polystyrene (integrated into products), methyl-ethyl ketone, methyl alcohol, ethyl alcohol, methylene chloride, kerosene, rubber cement thinner, cutting oil, and hydraulic oil. With the exception of polystyrene (1.5 million pounds per year), the annual use for each of the chemicals was estimated by the company as 200 gallons or less.

1.2 Site History

The site is named after the Aluminum Louvre Corporation, a former owner of 161 Bethpage-Sweethollow Road. Aluminum Louvre also owned or leased the 301 Winding Road property and used it for manufacturing operations. HDR reviewed records maintained by the Town of Oyster Bay (TOB), Nassau County Tax Assessor, Nassau County Department of Health (NCDH), and Nassau County Fire Marshal (NCFM) to determine the site history and operations.

161 Bethpage-Sweethollow Road

The building at 161 Bethpage-Sweethollow Road was erected in 1966 as a warehouse/light industrial use facility and was expanded in 1986. The property was occupied by New Dimensions Research from 1966 to 1985, by Aluminum Louvre Corporation from 1986 to 1994, and by a waste management company (Allen Waste) from an unknown time after 1994 until approximately 2004. Allen Waste used the property as a transfer station for plastic and glass recycling. The building at 161 Bethpage-Sweethollow Road is currently occupied by three tenants: a paving company (New York Paving), AAA of New York, and a general contracting company (Perry Mechanical Contractors). AAA in turn sub-leases a portion of their area to a heating, ventilation and air conditioning (HVAC) contractor.

301 Winding Road

The building at 301 Winding Road was erected in 1965 as a manufacturing/processing facility. It was occupied by New Dimensions Research from 1966 to 1985 and by Aluminum Louvre Corporation from 1986 to approximately 1994, when it was used to manufacture louvers, including the stamping, cutting, and shaping of steel and aluminum stock, degreasing and painting. The former owners of Aluminum Louvre Corporation bought the 301 Winding Road property through a tax sale under a new company name (Mel Frank Realty Corporation) at an unknown time after 1994 and entered into a Voluntary Cleanup Agreement (VCA) with NYSDEC in 1996. Global Pottery, Inc. purchased the property from Mel Frank Realty under the name 310 Winding Road Realty Corporation for use as a warehouse for the storage and distribution of pottery and decorative flower pots. At the start of the RI, Global Pottery had discontinued its operations at the property and the building was vacant. During the RI, the office space was leased to a tenant (name unknown) and the warehouse was rented for the storage of new tires. In 2012, the building was leased to a new tenant, Intelligen Power, a company that processes waste vegetable oil for eventual use as biodiesel. Intelligen Power does not produce biodiesel at the property. The processed (cleaned) waste vegetable oil is sent to an offsite biodiesel facility.

Details on the use of the property between Aluminum Louvre Corporation's departure and Global Pottery's start or the date of Global Pottery's move to the property could not be ascertained. A November 1998 notice of violation (NOV) from the Nassau County Fire Marshal (NCFM) is addressed to Giant Industrial Corporation. Information on operations at the property for that time was not available. At the present time, the telephone number on the 1998 NOV is assigned to Giant Industrial Corporation in nearby Farmingdale, NY, a manufacturer of automotive brake pads and friction materials. It is unknown if Giant Industrial Corporation also manufactured such products at the 301 Winding Road property.

1.3 Previous Investigations

A number of investigations and remedial activities have been conducted at the Former Aluminum Louvre Corporation site. Some of the investigations and remedial activities were conducted under the following two VCAs executed between NYSDEC and the property owners:

1. EOR Thirty Three of New York, Inc., Agreement Index Number W1-0794-97-08, signed June 12, 1998 for 161 Bethpage-Sweethollow Road.

   The VCA for 161 Bethpage-Sweethollow Road (Site Code V00079) required the investigation and remediation of soil contamination associated with storm water drywells and any other contamination discovered during the implementation of the approved work plan. In addition, the VCA required the implementation of a declaration of restrictive covenants that include prohibitions on the use of groundwater without treatment. This deed restriction was implemented in July 1998 and a determination of no further investigation or response was issued by NYSDEC on July 9, 2002.

2. Mel Frank Realty Corp. and 310 (aka 301) Winding Road Realty Corp., Agreement Index Number W1-0756-96-01 (Site Code V00068), signed July 31, 1996 for 301 Winding Road.

   The VCA for 310 Winding Road required the implementation of a NYSDEC-approved response program and the implementation of a declaration of restrictive covenants, including prohibitions on the use of groundwater without treatment. A public notice on the agreement specified that it required remediation of soil and/or sludges contaminated with VOCs and specifically excluded groundwater remediation. According to information in NYSDEC's online Environmental Remediation Database retrieved during the RI, the site was limited to a small area around a drywell where chlorinated solvents had been dumped in the past. Contaminated soil from the drywell was excavated, the surface was paved and deed restrictions were implemented to restrict the use of groundwater. The remedial action was completed in October 1997 (NYSDEC 2011).

The following summary is a chronological account of investigations and activities that have occurred at the site as documented in available NYSDEC, local government and other records. The property currently known as 301 Winding Road is referred to as 310 Winding Road in most of these records.

1. Removal of a 2,000-gallon Fuel Oil Underground Storage Tank (UST) at 310 Winding Road, September 1987. Notes in Nassau County Department of Health (NCDH) files

indicate that a hole was observed in the tank upon its removal but soil contamination was not noted. The tank had previously failed a tightness test.

2. Phase I Environmental Audit of Aluminum Louvre Corporation, April 1994, 161 Bethpage-Sweethollow Road and 310 Winding Road (Eder 1994). The audit identified several items of potential environmental concern at 161 Bethpage-Sweethollow Road (a UST, parts washers, paint shop, wastewater discharged from adjoining property onto 161 Bethpage-Sweethollow Road, and an out-of-use on-site sanitary system), and 310 Winding Road (a vapor degreaser using 1,1,1-TCA, a solvent storage tank, pails of uncovered paint stored outdoors near drywells, potentially contaminated drywells, paint booths, a former drum storage area, and an out-of-use on-site sanitary system).
3. 1994 Assessment of Drywells at 310 Winding Road (Laux 1994). Limited information in the available NYSDEC records indicates that Laux Associates of Garrison, New York conducted an assessment of drywell #9 at 310 Winding Road in July 1994, including the collection of one water and one soil sample from the drywell. The analytical results for the water sample indicated the presence of several VOCs, including toluene, TCE, DCE, and vinyl chloride at concentrations above applicable NYSDEC groundwater standards. In the soil sample, the same and additional VOCs exceeded applicable NYSDEC standards or guidance values. The compounds present at the highest concentrations were TCE (46,000 parts per million [ppm]), toluene (6,000 ppm), PCE (1,000 ppm), and DCE (1,400 ppm).
4. Phase I/Phase II Environmental Site Assessment, 161 Sweet Hollow Road, September 1994 (ACT 1994). The 1994 assessment at 161 Sweet Hollow Road revealed the presence of a fuel oil UST on the west side of the building and an out-of-use on-site sanitary system. The historic operations at the facility reportedly involved the use of a parts washer, a processing machine and three paint booths. The paint booths were observed to be covered with layers of paint and a hard powdery substance. Soil samples collected from the vicinity of the fuel oil UST indicated the presence of low levels of petroleum hydrocarbons. Additional soil samples were collected from an area of stressed vegetation receiving discharge (reported to be silica-containing water) from an adjoining property and near the former sanitary system, and analyzed for metals. Neither sample showed exceedances of the corresponding NYSDEC recommended cleanup levels. ACT

concluded that no issues of environmental concern existed at the property and that no further assessment was necessary. The 1994 Phase I/II report does not discuss what kind of hazardous materials or chemicals were used at the 161 Bethpage-Sweethollow Road property. A drywell is indicated inside the interior loading dock in the southwestern portion of the building; however, drywells or stormwater discharges were not discussed in the report.

5. Subsurface Investigation of Aluminum Louvre Corporation, 310 Winding Road, October 1995 (Tyree 1995). Three groundwater monitoring wells were installed and soil samples collected during well drilling at 310 Winding Road. Headspace screening of the soil samples with a photo-ionization detector (PID) indicated the presence of volatile organic compounds (VOCs) at up to 955 units above ambient background, with the highest concentration at 40 feet below ground surface at well W-1. Four VOCs exceeded NYSDEC standards in the groundwater samples (TCE in all three wells, and toluene, PCE, and xylenes in at least one well each). The highest TCE result was reported for well W-3, located southeast of the site building near the property line. In addition, the two cesspools from the former on-site sanitary system were excavated and the southernmost cesspool was abandoned using clean fill. Soil endpoint samples collected at the two cesspools indicated low concentrations of barium, chromium and lead below NYSDEC standards. No other compounds were reported as detected for the cesspool samples.
6. 1996 Soil and Water Sampling of Drywells at 310 Winding Road (Laux 1996). Limited information in the available NYSDEC records indicates that Laux Associates of Garrison, New York conducted an assessment of 11 drywells at 310 Winding Road in May 1996. The assessment included the collection of 11 soil and five liquid samples. The analytical results indicated the presence of low concentrations of several VOCs in soil and water. Specific information, such as the sampling depths for the soil samples, was not available for review.
7. Phase I/Phase II Environmental Site Assessment, 161 Sweet Hollow Road, June 1996 (ACT 1996). As part of the 1996 assessment of the 161 Sweet Hollow Road property (aka 161 Bethpage-Sweethollow Road), sludge/sediment samples were collected from the seven drywells at the property. The samples were analyzed at an off-site laboratory for metals and results indicated concentrations of several metals above applicable NYSDEC

cleanup goals at all seven drywells. In addition, field screening indicated total petroleum hydrocarbons (TPH) at concentrations of 43,567 mg/kg and 9,322 mg/kg at two of the drywells (DW-1 at the interior loading dock and DW-4 east of building, respectively). A groundwater sample collected from a well on the adjoining 310 Winding Road property, just south of the property line, indicated five VOCs (TCE, PCE, 1,1-dichloroethene, 1,1,1-TCA, and DCE) at concentrations above applicable NYSDEC groundwater standards. The sampled well was identified as well MW-1; this is the same well as well W-2 in the 1995 investigation at 310 Winding Road.

8. Drywell Cleaning and Abandonment – Drywell #9, 310 Winding Road, July 1996 (Tyree 1998). During July 1996, Tyree performed cleaning and abandonment of drywell #9 at the 310 Winding Road property. Activities included the removal and off-site disposal of 3,000 gallons of contaminated liquid (described as a mixture of gasoline and water); pre-excavation soil sampling; excavation of a thick adhesive mixture that was encountered between 10 and 14 feet below ground surface (bgs) requiring a crane for removal, and contaminated soil to 31 feet bgs; endpoint soil sampling with laboratory analysis; and closure of the drywell. The pre-excavation soil sample, collected from 14 feet bgs, had high concentrations of several VOCs, including TCE (10,300 ppm), PCE (408 ppm), and 1,1,1-TCA (60 ppm). The endpoint sample collected from the bottom of the excavation at 31 feet bgs indicated that VOCs were within NYSDEC action levels. No samples were collected around the perimeter of the drywell to determine the horizontal extent of contamination, if any.
9. Monitoring Well Sampling at 161 Sweet Hollow Road, July 1997 (GCI 1998a). Letter report from GCI to NYSDEC documenting monitoring well sampling; the groundwater sample had a TCE concentration of 8 parts per billion (ppb), exceeding the groundwater standard of 5 ppb.
10. Drywell Remediation and Sampling at 161 Sweet Hollow Road, October 1997 (GCI 1998b). Letter report from GCI to NYSDEC documenting the remedial activities at two drywells (DW-1 and DW-4), sampling at five drywells (DW-2, DW-3, DW-5, DW-6, and DW-7), and sampling of soil samples for VOC analysis around the pad for a former AST on the west side of the building. According to GCI's conclusions, drywell DW-1 appeared to have been remediated, DW-4 required additional remediation, and sampling

of drywells DW-2, DW-3, DW-5, DW-6, and DW-7 indicated elevated TPH results and metals contamination. The soil samples collected around the former AST pad did not indicated elevated VOC concentrations.

In a March 2000 review comments letter for the Draft RI report for 161 Sweet Hollow Road, NYSDEC required additional remediation at drywells DW-2, DW-3, and DW-5 to meet Technical and Administrative Guidance #4046 (TAGM 4046) cleanup objectives. The additional remediation appears to have been conducted in December 2000.

11. Removal of a 2,000-gallon Fuel Oil UST at 161 Sweet Hollow Road, December 1997 (GCI 1998c). No holes and no apparent soil contamination were detected after the UST was removed from the excavation.
12. NYSDEC Groundwater Sampling at 301 Winding Road, 1999. Information in the available NYSDEC records indicates that NYSDEC collected one groundwater sample at 301 Winding Road on December 7, 1999. The sample was collected from the well to the south of the property building (identified on site figures as W-2 and MW-2) and had a TCE concentration of 68 µg/l, above the applicable NYSDEC standard (5 µg/l). In addition, PCE and 1,1,1-TCA were detected at concentrations below NYSDEC standards.
13. Remedial Investigation and Remedial Activities at 161 Sweet Hollow Road, 1999-2000. As stated in the RI Work Plan for 161 Sweet Hollow Road (GCI 1999), the purpose of the RI was to determine potential on-site sources of contamination and to remediate known sources of contamination (i.e., drywells contaminated with metals and volatile organics). Interim remedial measures (IRMs) were planned to address materials considered to be potential sources of contamination. The following activities were identified in the RI Work Plan:
    - sampling and analysis of a concrete chip sample from a former transformer pad for PCBs,
    - sampling and analysis of an existing groundwater monitoring well for organics and metals,
    - removal/closure of a fuel oil UST near the northwest corner of the building,
    - remediation of impacted stormwater drywell sediments with post-excavation sampling and analysis for metals and organics,
    - soil sampling and analysis around a former AST pad for metals and organics, and

- additional investigations and remedial activities as indicated by results of the above activities.

Most of the specified activities are documented in letter reports sent to NYSDEC by GCI, the consultant that conducted the investigation and remedial activities (GCI 1998a, 1998b, 1998c). In addition, cover letters included in the NYSDEC VCP files for 161 Sweet Hollow Road indicate that GCI submitted an RI report for the property to NYSDEC in November 1999, and an IRM report in March 2001. Two RI report appendices with laboratory results were included in the available NYSDEC records (i.e., the report text was not obtained and reviewed), and the IRM report was also not available. A letter from the NCDH to the EPA's Groundwater Compliance Section indicates that drywell remediation in addition to that documented in GCI 1998b was conducted in March 1999 and December 2000, and that the additional remediation achieved TAGM 4046 cleanup objectives.

14. Sampling of Soil and Groundwater at the Aluminum Louvre Corp. Site, 2007/2008 (Weston 2008a, Weston 2008b; results in Malcolm Pirnie 2010). The 2007/2008 sampling of soil and groundwater at the site (161 Sweet Hollow Road and 301 Winding Road) was completed as part of the Environmental Protection Agency's (EPA) Aluminum Louvre Corp. Preliminary Assessment/Site Inspection (PA/SI). The EPA contractor initially installed five overburden monitoring wells, and collected surface soil, subsurface soil, and groundwater samples during the installation in December 2007. A second round of groundwater samples was collected from the wells in January 2008. All soil and groundwater samples were analyzed for VOCs. TCE concentrations in soil exceeded the NYSDEC Unrestricted Use SCO of 0.47 ppm in 3 of 31 soil samples. The exceedances ranged from 1.3 ppm to 520 ppm, all for soil samples collected during the installation of monitoring well MW-3 (from 22 to 42 feet bgs). TCE concentrations in groundwater exceeded the groundwater standard of 5 ppb in 13 of 20 samples. Exceedances ranged from 6 ppb to 3,000 ppb, with the highest concentrations for newly installed wells MW-3 and MW-4 to the northeast and east of the building at 301 Winding Road. Old well MW-2 to the south of the building at 301 Winding Road had a reported TCE concentration of 400 ppb. Maximum on-site PCE concentrations in groundwater exceeded the groundwater standard of 5 ppb in 7 of 20 groundwater samples.

Exceedances ranged from 12 ppb to 130 ppb, with the highest concentrations at newly installed well MW-3. Monitoring well MW-5 in the very southeast portion of the 301 Winding Road property also had concentrations of TCE (38 ppb) and PCE (13 ppb) above the groundwater standards.

According to a notation on the monitoring well location map in the sampling trip report (Weston 2008b), the sample identifiers for monitoring wells ALC-Old-MW-2 and ALC-Old-MW-3 were inadvertently switched during the January 2008 sampling event. The associated table of analytical results does not have a correction for this switch, which appears to have resulted in the incorrect presentation of the results for the two wells on a figure in another report (Malcolm Pirnie 2010). The results for the sample from well ALC-MW-3, off the southeast corner of the building at 301 Winding Road, are an order of magnitude higher than those for well ALC-Old-MW-2, which is located south of the southwestern portion of the building, which is consistent with the findings of the RI and a prior investigation (Tyree 1995).

15. Groundwater and Soil Vapor Investigation, 2008/2009 (Malcolm Pirnie 2010). As part of the Site Characterization for a larger industrial area of Old Bethpage, one shallow monitoring well (MW-6) was installed and sampled at 161 Bethpage-Sweethollow Road. TCE was detected at a concentration of 27 µg/l, above the GA Standard of 5 µg/l. SVOCs or metals were not detected at concentrations above the corresponding GA Standards in MW-6 during the Site Characterization. In addition, two shallow soil vapor points and one deep soil vapor point were installed and sampled at the property. The deep soil vapor point was installed within the same boring as monitoring well MW-6. The VOCs with the highest concentrations detected in the soil vapor samples were TCE and PCE. The TCE concentrations in the three soil vapor samples collected from this property ranged from 33 $\mu g/m^3$ to 320 $\mu g/m^3$ (at the deep soil vapor point installed at well MW-6), and PCE concentrations in the three soil vapor samples at 161 Bethpage-Sweethollow Road ranged from 0.9 $\mu g/m^3$ to 140 $\mu g/m^3$ (at shallow soil vapor point on north side of the building). At 301 Winding Road, two soil vapor sampling clusters were installed during the Site Characterization, each consisting of one shallow and one deep soil vapor point. PCE, TCE, and 1,1,1-TCA were detected in all four soil vapor points. The highest PCE, TCE, and 1,1,1-TCA concentrations were detected in the shallow and deep soil vapor points

located off the southeast corner of the building. Shallow soil vapor point 301 WR-SV-3S contained the greatest PCE concentration (15,000 µg/m^3), while deep soil vapor point 301 WR-SV-4D contained the greatest TCE (22,000 µg/m^3) and 1,1,1-TCA (760 µg/m^3) concentrations within this property.

The report also identified two properties on the north side of Bethpage-Sweethollow Road as potential upgradient chlorinated VOC sources for the site. The two properties are Trulite Louvre/Former Filtron Corporation (148 Bethpage-Sweethollow Road) and Hitemco Corporation (160 Bethpage-Sweethollow Road). Both sites historically used TCE degreasers. The report summarizes findings of an investigation of the Trulite Louvre/Former Filtron Corporation site by the USEPA in 2007 and 2008. As part of that investigation, TCE was detected in a groundwater sample from the well closest to the site at 68 µg/l, above the NYSDEC Class GA standard of 5 µg/l. A groundwater sample collected in 2009 at Hitemco from the well closest to the site detected TCE at 12 µg/l, above the NYSDEC Class GA standard of 5 µg/l.

NYSDEC listed the site as a Class 2 site in the State Registry of Inactive Hazardous Waste Sites in early 2009. Class 2 sites are considered to represent a significant threat to public health or the environment, and action is required.

1.4 Project Objectives

The RI at the Former Aluminum Louvre Corporation was conducted to address several primary objectives related to the extent of subsurface contamination at the site and potential off-site impacts.

The first objective was to determine the horizontal and vertical extent of impacted soil and groundwater. Previous remedial investigations and actions had focused on a number of confirmed and potential areas of concern (AOCs) but had not systematically addressed all potential AOCs at the two properties that were indicated on historic plans and drawings. Furthermore, investigations and remedial activities at the contaminated drywells had only addressed the vertical extent of soil contamination but did not include the horizontal delineation of impacted soil. Similarly, complete horizontal delineation of the extent of the on–site and off-site groundwater contamination had not occurred and little data existed to indicate the vertical

distribution of groundwater contamination in the underlying aquifer (previous investigations had concentrated on the shallower portion of the on-site aquifer). To determine if the subsurface had been impacted at AOCs that had not been addressed before, and to delineate the horizontal and vertical extent of soil contamination at known areas of contamination, Geoprobe® soil borings were installed around several AOCs. To investigate whether groundwater at these AOCs had been impacted, temporary piezometers (shallow/water table, intermediate and deep) were also installed and sampled. In addition, multi-level monitoring wells were installed in areas with known soil or groundwater contamination, as well as in the upgradient portion of the site. The AOCs investigated in 2011 are shown on Figure 2a.

Another objective was to address the potential for vapor intrusion because contaminants can potentially transfer from the dissolved phase in groundwater to the vapor phase in the overlying unconsolidated sediments. A limited previous investigation into the potential for vapor intrusion had been conducted as part of the NYSDEC investigation of the site and vicinity, with shallow and deep soil gas implants installed at several locations around the site (Malcolm Pirnie 2010). An objective of the RI was to address the potential for vapor intrusion from several of the identified AOCs that had not been included in the earlier soil vapor sampling. To this end, subslab soil vapor sampling points were installed and sampled, and indoor (ambient) air samples were also collected.

1.5 Applicable Criteria

To determine the nature and extent of contamination at the site, standards and screening criteria were used during the RI to evaluate the analytical data for soil, groundwater, soil vapor, indoor air, and outdoor air.

Soil

Soil sample results were compared to 6NYCRR Part 375 Environmental Remediation Programs Tables 375-6.8(a, b) Unrestricted Use, Protection of Groundwater, and Restricted Commercial Use SCOs for organic and inorganic constituents (NYSDEC 2006). For compounds without established SCOs, the most stringent Supplemental SCOs (SSCOs; NYSDEC 2010) were used.

Groundwater

Groundwater analytical results were compared to NYSDEC groundwater quality standards (GWQS) 6 NYCRR Part 703 (NYSDEC 1999). For compounds without established GWQS, the applicable groundwater values from the Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1) were used as screening criteria.

Soil Vapor, Indoor Air and Outdoor Air

New York State does not currently have any standards, criteria, or guidance values for subsurface soil vapor. Indoor air values established by NYSDOH for three chemical compounds - PCE, TCE, and methylene chloride (NYSDOH 2006) - were used for the indoor/ambient air and outdoor air samples.

The criteria values are included in the analytical data tables of the RI report.

1.6 Conceptual Site Model

A conceptual site model (CSM) was developed prior to initiation of the RI to develop a general understanding of the site and to evaluate potential human exposure pathways and impacts to the environment. The CSM identified potential sources of contamination, types of contaminants and affected media, release mechanisms and potential contaminant pathways and actual/potential human and environmental receptors. A flow chart depicting the CSM for the Former Aluminum Louvre site is included on the following page.

Conceptual Site Model (CSM) Flow Chart - Source, Pathway and Exposure Assessment

Primary Source/Types of Contaminants	Investigated Release Mechanisms (as part of RI or previously by others)	Secondary Sources Determined from Investigations	Potential Release Mechanism	Exposure Media	Exposure Route/ Contaminant Pathway	Indoor: On-Site Commercial Worker	Outdoor: Construction Worker	Outdoor: On-Site Commercial Worker[x]
Former indoor vapor degreasing, spray painting (Volatile Organic Compounds)	Discharge of wastewater to cesspools through sanitary waste lines; ventilation of indoor processes to roof; stormwater contact with ventilation residue on roof with roof drain discharges to drywells	Surface and subsurface soil, groundwater, sediments in stormwater drywells	Volatilization (soil vapor); wind erosion and atmospheric dispersion (soil particulates); soil leaching; sediment leaching in drywells	Ambient Air	Inhalation	X	X	X
USTs and ASTs (Volatile Organic Compounds, Petroleum Hydrocarbons)	Leaks, overfills, loose piping joints; directly to ground surface (AST) or subsurface (UST)			Soil	*Inhalation/ Ingestion/ Dermal*	◯	X	◯
Outdoor Storage of Chemicals (Volatile Organic Compounds)	Leaks, overfills, poor housekeeping practices; inadvertent discharge to stormwater drywells and directly to ground surface			Groundwater	+Ingestion/ Dermal+	◯	◯	◯

Notes:

X - Complete exposure pathway

◯ - incomplete exposure pathway

*No exposed contaminated soil areas exist - all are under pavement; +area is serviced by municipal water supply, no potable wells within area of groundwater contamination

+Depth to groundwater is greater than 50 feet - no groundwater exposure associated with construction

[x] Extensive use of outdoor areas as part of working environment

2.0 FIELD INVESTIGATION PROCEDURES

2.1 Subsurface Investigation

The subsurface investigation for the RI in 2011 consisted of a geophysical survey to mark underground utilities and subsurface features, followed by the installation and sampling of direct-push soil borings, sub-slab soil vapor and co-located indoor air points, and temporary piezometers in January and March 2011, and the installation and sampling of multi-level monitoring wells at six locations around the site in April through August 2011. During monitoring well installation, between two and four soil samples were collected per well.

Based on the results of the 2011 RI field sampling activities, additional RI activities were conducted in 2012 following the same sequence performed in 2011: utility clearance, soil borings, sub-slab soil vapor/indoor air sampling, temporary piezometers, and permanent multi-level monitoring wells. In 2012, six of the nine additional temporary piezometers and four additional permanent multi-level wells were installed off-site and one single-depth deep well was installed in the source area in the eastern portion of the 301 Winding Road property.

All field activities were conducted in accordance with the HDR – NYSDEC Program Field Activities Plan (FAP) and Program Quality Assurance Project Plan (QAPP).

2.1.1 Geophysical Survey

The initial geophysical survey was conducted on January 5 and 6, 2011 by Hager-Richter Geoscience, Inc., of Fords, New Jersey (Hager-Richter) prior to the commencement of intrusive activities at proposed drilling and probing locations. The goal of the survey was to identify any potential utilities or objects of interest at AOCs that could be related to potential contamination, and to locate the former on-site sanitary system cesspools at 161 Bethpage-Sweethollow Road and 301 Winding Road. Hager-Richter used both Ground Penetrating Radar (GPR) and utility locating equipment to verify the existence/absence of underground utilities in a minimum 10-foot radius of the boring location and to locate the cesspools. In areas near permanent objects and temporary obstructions or where interferences were not noted, the clearing/survey distances were adjusted to site conditions. If any utilities were noted during the investigation, Hager-Richter marked out the location of the utilities.

Hager-Richter returned in March and May 2012 to clear the soil boring, temporary piezometer and permanent monitoring well locations for the 2012 RI field activities.

2.1.2 Soil Sampling

The soil sampling program for the RI was conducted in multiple phases and consisted of three rounds of direct-push soil boring installations (January 2011, March 2011, and March 2012), and two rounds of soil sampling during the installation of monitoring wells (April 2011 and May/June 2012). The 2011 soil borings were installed to investigate AOCs, and the March 2012 direct-push soil borings were installed to complete the horizontal and vertical delineation of impacted soil. Surface soil samples (0-6") were not collected during the RI because the entire site is paved or covered by buildings, limiting the potential for direct human exposure, and because all boring locations were hand-cleared for utilities using air knife technology. Collection of discrete samples from the 0-6" interval is not possible when using air knife technology to clear boring locations. The reviews of reports for previous investigations (Section 1.3) did not reveal that shallow soil samples (0-6") had been collected at the site. The majority of the previous investigations focused on the drywells at the two properties that comprise the site, and therefore addressed subsurface soils only. During a 2007 sampling event conducted for the USEPA a contractor collected six shallow soil samples, including one duplicate sample, from around 12 to 13 inches bgs (Weston 2008a). The samples were collected during the installation of monitoring wells and analyzed for low-concentration VOCs only. Five of the six samples did not exhibit any VOC compounds at concentrations above laboratory detection limits. For the remaining sample (sample ID ALC-S01, collected at monitoring well MW-2), DCE was reported as 2.2 µg/kg, TCE as 0.78 µg/kg, and xylene as 0.44 µg/kg. The results for the 2007 soil sampling event are presented in Table 15 of the SCR report (Malcolm Pirnie 2010).

As part of the soil sampling program, HDR used PIDs to screen soil boring cores for the presence of volatile organic vapors. In 2011, MiniRAE 2000 and 3000 model PIDs, which display the concentration of detected volatile organic vapors in ppm units, were used. In 2012, HDR used a Model ppb RAE PID, which displays the concentration of volatile organic vapors in ppb units up to 9,999 ppb, and switches to ppm above 9,999 ppb. The concentrations displayed by the ppb RAE (ppb or ppm) during soil core screening were recorded on the corresponding boring logs. For readings up to 9,999 ppb, only the concentration was recorded (without the ppb

unit); when the instrument switched over to ppm, 'ppm' was added to the displayed concentration. To allow for a direct comparison of the field screening results for 2011 and 2012, the 2012 screening results are described in RI report text as ppm equivalents (i.e., converted from ppb readings to ppm).

Soil Sampling at Direct-Push Soil Borings (January and March 2011)

HDR and a drilling subcontractor, Associated Environmental Services of Hauppauge, New York, installed continuous soil borings using direct-push technology at the site in January and March 2011. All soil boring locations were cleared for utilities and other obstacles prior to the commencement of intrusive activities. In addition, soil samples were also collected during the installation of permanent monitoring wells in April 2011.

Twenty-five (25) soil borings were installed between January 11 and 21, 2011 for the purpose of initial characterization of AOCs that had not been addressed during earlier investigations. Several borings, including those at the former cesspools and drywells, were hand-cleared to depths between 5 and 9.5 feet bgs using air knife technology before drilling. The soil borings installed in January 2011 were advanced to depths of between 15 and 65 feet bgs.

The recovered soil cores were visually inspected and descriptions of the encountered material and other pertinent observations were recorded in boring logs. HDR used MiniRAE 2000 and 3000 model PIDs to screen the cores for the presence of volatile organic vapors.

At each of the soil boring locations, one or more soil samples were collected for laboratory analysis of Target Compound List (TCL) VOCs. Some samples were also analyzed for TCL SVOCs, pesticides and polychlorinated biphenyls (PCBs). Sampling was biased towards intervals with elevated PID readings.

Following review of the analytical results for the soil samples collected in January 2011, an additional 11 soil borings were installed on March 16 and 17, 2011 to provide further horizontal and vertical delineation of soil contamination in the eastern portion of the 301 Winding Road property. The additional borings were placed inside the 161 building, to the east of the 161 building, and along the eastern side of the 301 building. The borings were advanced to depths of between 20 and 30 feet bgs and the recovered soil cores were logged and screened as described

above. At each of the borings, one sample was collected for analysis of TCL VOCs. Sampling was biased towards the depth interval with the highest PID reading.

Total depths, sampling depths and analytical parameters varied between the soil borings depending on information from previous investigations and the nature and type of the AOC being investigated. Details are provided in the soil boring logs (Appendix A). The soil boring locations are displayed on Figures 3a and 3b.

After completion of continuous soil coring, five of the January 2011 soil borings and one of the March 2011 borings were advanced into the shallow aquifer and groundwater samples were collected from temporary piezometers at these locations (Section 2.1.3).

Soil Sampling at Direct-Push Soil Borings (March 2012)

An additional 16 direct-push soil borings were installed in March 2012 to refine the horizontal and vertical delineation of potential source areas identified in 2011. The procedures for the inspection and description of the soil cores described above for the 2011 sampling were followed in 2012. Thirteen of the 16 boring locations were for the purpose of delineating VOCs in soil within the 161 and 301 properties. The soil borings on the 161 property were installed in an attempt to locate a potentially present TCE source area that may be impacting monitoring well MW-161-1 at 95 feet bgs. Three of the borings at the 301 property were installed to provide additional horizontal delineation to the west and northwest for the VOC impacted soil in the eastern portion of the 301 property, and the remaining three locations were placed to delineate a small area of elevated pesticide and PCB concentrations to the east of the 301 Winding Road building. At the boring locations used to delineate the horizontal and vertical extent of VOC contamination, the 2012 sampling protocol deviated slightly from the 2011 protocol. Instead of sampling only soil core intervals with the highest PID readings, HDR collected samples mostly from intervals below those with the highest PID readings, and just above the water table. At the boring locations used to delineate the extent of pesticide and PCB contamination, HDR collected samples from three depth intervals (2, 10, and 15 feet bgs), both above and below the depths of the elevated pesticide and PCB concentrations in the 2011 soil investigation (12.5 feet bgs). In addition, samples for VOC analysis were collected at these borings from deeper intervals.

The depths of the soil borings installed varied by sub-area of the site and were based on the results of the 2011 soil investigation. The 10 borings on the 161 property (seven on the north and east side, and three inside the building footprint) were all advanced to 25 feet bgs; the three borings installed on the 301 property for the delineation of pesticides/PCBs were advanced to 40 feet bgs; and the three remaining soil borings on the 301 property (two inside the building footprint and one between the 301 and the 161 building) were completed to 60 feet bgs.

The 2012 soil boring locations are displayed on Figures 3a through 3c and the soil boring logs are included in Appendix A.

Soil Sampling during Monitoring Well Installation (April 2011)

During the installation of multi-level monitoring wells at six locations in April 2011, HDR collected 22 soil samples using split spoon samplers. The soil in the split spoon samplers was screened for the presence of volatile organic vapors using a PID, visually inspected and descriptions of the encountered material and other pertinent observations were recorded in boring logs. The soil samples were collected from the screened intervals of the monitoring wells along with duplicate soil samples. The soil samples collected during monitoring well installation were analyzed for VOCs. The 2011 monitoring well locations are displayed on Figures 4a through 4c and the boring logs are included in Appendix A.

Soil Sampling during Monitoring Well Installation (May/June 2012)

During the installation of multi-level monitoring wells at four off-site locations in May 2012, HDR collected 12 soil samples, including one duplicate sample, using split spoon samplers. Two soil samples were also collected during the installation of a single, deep monitoring well (MW-301-1-VD) at the 301 Winding Road property in June 2012. The same procedures were followed as described for the 2011 activities. The 2012 monitoring well locations are displayed on Figures 4f through 4h and the boring logs are included in Appendix A.

Bottom Sediment Sampling from Drywells

Bottom sediment samples were collected from stormwater drywells via Geoprobe and hand auger on the following dates: January 21, 2011 (sample DB-DW8), May 31, 2012 (samples DW-7-053112 and DW-9-053112), and August 30, 2012 (sample DW-8-083012). In January 2011,

there was significant snow cover and features within the paved areas were difficult to discern. A solid manhole cover was found at the rear of 301 Winding Road under the snow and removed. There was standing water inside and the nature of the structure could not be determined at that time. The Geoprobe was used to determine the nature of the bottom (solid or open) and to collect a sediment sample. In May of 2012, bottom sediment samples were collected using a hand auger from the bottoms of drywell #7 (DW-7) and drywell #9 (DW-9). DW-7 had an open grate, was shallow and solid bottomed, but a few inches of sediment were present below a layer of asphalt which had apparently been poured into the structure. By that time, drywell #8 (DW-8) had been covered over with asphalt. DW-9 is a typical open grate, open bottomed stormwater drywell and was sampled on May 31, 2012 using a hand auger. HDR returned on August 30, 2012 to oversee a contractor that removed the asphalt from DW-7 and DW-8. DW-7 was confirmed to be a shallow, solid-bottomed structure and is connected to DW-8 via a sub-grade pipe. DW-8 was re-sampled on August 30, 2012 using a hand auger after the asphalt had been removed. The bottom sediment samples from the drywells are analyzed for TCL VOCs.

The drywell locations are shown on Figure 6b.

2.1.3 Groundwater Sampling

The groundwater sampling program of the RI was conducted in two phases in 2011 and 2012. Within both phases, groundwater sampling was initially conducted using temporary piezometers, followed by two rounds of sampling at permanent monitoring wells. Groundwater elevation measurements were collected during the sampling events at the permanent monitoring wells, using water level indicators.

Groundwater Sampling at Temporary Piezometers (January to March 2011)

During the first phase of the RI in January 2011, groundwater samples were collected from temporary piezometers at several AOCs during the soil boring investigation. The purpose of this sampling was to determine if groundwater at the AOCs had been impacted. The information from the piezometers also assisted in the horizontal and vertical delineation of impacted groundwater and in the placement and design of permanent monitoring wells in the second phase of the investigation.

In January 2011, temporary piezometers were installed at five soil boring locations (161-CP2, 161-1, 301-2E, 301-7, and 301-CP2). At each of the five borings, the groundwater samples were obtained from three depth intervals: at the water table (between 60-70 feet bgs), from 91-95 feet bgs, and from between 115 and 125 feet bgs. Following the completion of the continuous soil boring at these locations, the rod was advanced to the deepest groundwater sampling depth. At this depth, the disposable tip was abandoned, the rod was retracted and a 4-foot sampling screen was exposed. Groundwater from the target depth was then sampled using a peristaltic pump, check valve, and Teflon tubing running inside the push rod. Prior to sampling, approximately one gallon of groundwater was purged. The purging greatly reduced, but did not completely eliminate, the visible turbidity in the collected samples. Following the collection of the sample from the deepest interval, the rod was lifted and the sampling process repeated at the intermediate and shallow sampling intervals. One additional temporary piezometer was installed during soil boring activities in March 2011 (boring 161-DB2). At this boring, one sample was collected from the water table interval (66-70 feet bgs).

The groundwater samples from the temporary piezometers collected in 2011, including two duplicate and two Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples, were analyzed for TCL VOCs, and the analytical results were evaluated for groundwater impact at the individual AOCs. In addition, the information was used in the placement and design of the permanent monitoring wells. The soil boring locations with temporary piezometers are displayed on Figures 3a and 3b, and the boring logs with sampling information are included in Appendix A.

Groundwater Sampling at Temporary Piezometers (March 2012)

In 2012, installation of temporary piezometers was conducted as the first part of the additional groundwater sampling program. This time, the temporary piezometers were used for the purposes of horizontal and vertical delineation in on- and off-site areas, and to locate permanent multi-level wells, rather than to investigate AOCs.

The temporary piezometers installed in 2012 were placed at three upgradient locations on the north side of Bethpage-Sweethollow Road (148W-TP, 148E-TP and 160-TP), at three locations on the easternmost boundary of the 161 property (161-TP-NE, 161-TP-E, and 161-TP-S), and at three locations at 303 Winding Road (303-TP-N, 303-TP-E, and 303-TP-SE) to the south of the

site. Groundwater samples were collected at three intervals: at the water table, at approximately 95 feet bgs, and at 125 feet bgs. Continuous soil samples were not collected during piezometer installation in 2012. For the 2012 samples, the rod was advanced to the deepest groundwater sampling depth, a 4-foot sampling screen was exposed, and the rod was lifted and the sampling process repeated at the intermediate and shallow groundwater sampling intervals. The rest of the procedures and laboratory analysis described for 2011 were followed in 2012. At boring location 161-TP-NE, equipment malfunction prevented sampling of all three depth intervals. Because the rods broke twice, only the deepest interval (125 feet bgs) was sampled. The soil boring locations with temporary piezometers are displayed on Figures 3a through 3c, and the boring logs with sampling information are included in Appendix A.

Monitoring Well Installation, Development and Sampling (2011)

The second part of the 2011 groundwater investigation consisted of the installation and sampling of permanent multi-level monitoring wells at six locations, and the sampling of five water-table wells that were previously installed by others. The monitoring well locations are shown on Figures 4a through 4c, and the development and well construction logs are included in Appendix B. Monitoring well construction information is presented in Table 31.

The permanent multi-level groundwater monitoring wells installed in 2011 were placed at six locations on site between April 4 and 29, 2011. All intrusive work was performed by Aztech Technologies of Ballston Spa, New York (Aztech) under direct HDR supervision. Installation of the monitoring wells was performed using a truck-mounted rotary drill rig with 4.25 inch (ID) Hollow Steam Augers (HSA) and a resultant boring diameter of 8 inches, with split spoon soil sampling. The wells were constructed with 1-inch diameter, schedule 40 PVC with 10-foot long screens, and a screen slot size of 0.010 inches. The riser pipe and screen were both flush thread 1-inch PVC. At four locations (MW-161-1, MW-161-2, MW-301-1, and MW-301-4), the wells were installed as triplets with three screened intervals (water table, intermediate, and deep). At the two remaining locations (MW-301-2 and MW-301-3), the wells were installed as couplets (no water table sampling interval) because previously existing nearby monitoring wells already provided coverage of the water table interval. The screen centers were placed at the water table interval (65-70 feet bgs), at an intermediate depth (91-95 feet bgs), and deep (122-125 feet bgs). The sand pack installed at each well extended two feet above the top of the screen, and was

sealed with a minimum of three feet of bentonite. After the bentonite seal, the remainder of the boring at each well was either filled with bentonite chips, or with bentonite/Portland cement grout to one foot below the ground surface. Grout used to seal the remaining boring was made in batches consisting of two 96-pound bags of Portland cement, approximately six pounds of bentonite chips, and 15 gallons of potable water per batch. At the surface, each well was finished with a cement pad and a six-inch manhole on single or couplet well locations, and an eight-inch manhole on triplet well locations. The newly installed monitoring wells were subsequently developed following the protocol outlined in the HDR FAP.

Two rounds of monitoring well sampling were conducted in 2011 (May 17 to 23, 2011 and July 18 to 25) by an HDR subcontractor, YEC Inc. of Valley Cottage, New York (YEC), following sampling protocols outlined in the HDR FAP and QAPP. YEC collected samples from the 16 wells installed during the RI and from five previously installed water table wells. All samples were analyzed for VOCs and samples from five of the newly installed wells were also analyzed for SVOCs, Pesticides, and PCBs. The monitoring well sampling logs are included in Appendix C.

Monitoring Well Installation, Development and Sampling (2012)

The second part of the 2012 groundwater investigation consisted of the installation and sampling of four off-site multi-level monitoring wells and the installation and sampling of one single, very deep (183 ft) well at the apparent source area at 301 Winding Road. The monitoring well locations are shown on Figures 4d through 4g, and the development and well construction logs are included in Appendix B.

The four additional permanent multi-level groundwater monitoring wells installed in 2012 were located off-site to the east and southeast to further delineate the horizontal and vertical extent of the chlorinated solvents plume. Three of the four off-site multi-level groundwater monitoring wells (MW-NEMF-1, MW-NEMF-2, and MW-NEMF-3) were installed at the New England Motor Freight (NEMF) property at 1 Arlene Way (formerly known as Mooneys Road or Imperiatore Drive), and the fourth off-site multi-level groundwater monitoring well was installed at 195 Bethpage Sweethollow Road (MW-195-1). The multi-level groundwater monitoring wells

were installed as triplets, with three screened intervals (water table, intermediate, and deep) at each well.

In addition, HDR installed one very deep, single-depth permanent well in the source area at 301 Winding Road (MW-301-1-VD), with a screened interval from 173 to 183 feet bgs. The installation of the additional monitoring wells in 2012 was completed by Associated Environmental Services of Hauppauge, New York under direct HDR supervision. The installation procedures and well construction used were the same as described above for 2011. The newly installed monitoring wells were then developed following the protocols outlined in the HDR FAP.

Following the 2012 installation and development of the additional monitoring wells, two rounds of monitoring well samples were collected in June and August 2012 from the four new off-site multi-level groundwater monitoring wells and the new single-depth permanent monitoring well installed on-site in 2012. One round of samples was also collected in August 2012 from two of the multi-level wells installed in 2011 (MW-161-1 and MW-301-1). The two additional groundwater monitoring well sampling rounds were conducted by YEC Inc.

Monitoring Well Repairs and Modifications

On May 31, 2012 HDR discovered that a number of monitoring wells (ALC-MW3, MW-301-1-S, MW-301-1-I, and MW-301-1-D) at the 301 Winding Road property had been paved over by a contractor hired by the owner, with the intent to smooth out the area in back of the building in preparation of a new tenant moving in. HDR observed that the area in the northeast corner of the property, which is located at the back of the building near the loading dock, had generally been leveled and paved. To remedy this situation, on June 7, 2012, HDR's subcontracted surveyor, YEC, used previous survey data to locate and mark the locations of the paved-over wells, and HDR's drilling subcontractor, Associated Environmental Services, cut the new pavement, located the well covers, and brought the wells up to the new grade by pouring new concrete pads at each of the three well locations (MW-301-1 I/D are co-located). It was also discovered that the concrete pad at MW-301-4 had been broken from heavy traffic, and the pad at this well location was also re-poured. Two drywells in the area (DW-7 and DW-9) were also impacted by the paving. Because the paving contractor had not covered or otherwise protected the drywells

before paving, a considerable amount of asphalt had fallen to the bottom of the drywells. HDR removed the asphalt after this was discovered.

2.1.4 Soil Vapor Point Installation, Vapor Point Sampling and Air Sampling

The scope of the soil vapor sampling program included the collection of sub-slab soil vapor samples, and indoor/ambient and outdoor air samples.

During the first phase of the RI, four sub-slab soil vapor implants were installed on January 10 and 11, 2011. HDR installed the vapor implants through existing concrete floors (approximately 3.5" to 4" thick) using a hammer drill. An approximately 1-inch penetration was advanced through the slab and a stainless steel tip was driven to approximately 10 inches below the concrete floor. A 6-inch long stainless steel sample point attached to 3/8-inch Teflon tubing extended approximately two feet above the ground surface to facilitate connection with a sampling canister. After the sample interval was constructed, the hole was backfilled with sand, the top of the sand sealed with VOC-free Permagum®, and the concrete floor patched.

Two of the soil vapor implants were installed inside the 161 building, one in the west-central portion near the former parts washer and former processing machine, and the second in the southeast corner (the location of the former outdoor compactor and former outdoor metal storage shed). The remaining two soil vapor implants were installed inside the 301 building, one in the southeastern portion (near the former vapor degreaser, former TCE/1,1,1-TCA AST, and former indoor waste drums), and the second in the northeast portion, at the location of the former spray paint booths.

On January 13, 2011, HDR personnel collected soil vapor samples at the four newly installed implants following HDR Program FAP protocols for soil vapor sampling. At each of the soil vapor sampling locations, HDR also collected co-located ambient (indoor) air samples. The indoor air samples were collected to aid in the evaluation of vapor intrusion potential and potential indoor VOC background levels. During the collection of the indoor air sample in the southeast corner of the 161 building (inside an automotive/boat repair and maintenance area), a car and trailer were being painted nearby.

HDR also collected one outdoor air sample in the far northeastern portion of the 301 property (near monitoring well ALC-MW3) to assess potential outdoor VOC background levels. The soil vapor and air samples were collected into 1-liter Summa canisters and analyzed for the compounds on the EPA TO-15 list of analytes at Centek Laboratories in Syracuse, New York. The soil vapor/ambient air sampling program included the collection of two quality control samples (one duplicate sample and one sample for MS/MSD analysis).

During the second phase of the RI in March of 2012, two additional soil vapor implants were installed inside the 161 building and sampled along with the four soil vapor implants installed in 2011 at the 161 and 301 properties. It was decided that the 2011 soil vapor sampling results at the 161 property were compromised because one of the overhead garage doors had become stuck in an open position during the sampling and because painting had occurred in proximity to one of the locations. At 301 Winding Road, indoor ambient air sampling was not conducted in 2012 because the warehouse portion of the building had been leased to a tenant who was using it for indoor tire storage and consequently there were very high PID readings for the indoor air. An outdoor air sample was also collected in 2012 at approximately the same location as in 2011. The same procedures and analyses were followed in 2012 as described for the 2011 sampling event.

The locations of the soil vapor implants, the co-located indoor air sampling locations, and the outdoor air sampling location are displayed on Figure 5. Sampling logs with details on the sample collection parameters for the soil vapor and ambient air samples, and the NYSDOH Indoor Air Quality Questionnaires/Building Inventory Sheets are included in Appendix D.

2.2 Site Survey

Following the completion of each of the RI phases, YEC, surveyed the locations and elevations of the new monitoring wells installed during the RI, the previously existing water table monitoring wells, the soil borings, temporary well points, and a building corner used as a reference point. YEC returned to the site in 2012 to collect the locations and elevations for the additional monitoring wells installed in 2012. The survey information was used in the preparation of the report figures.

3.0 PHYSICAL SETTING

3.1 Climatology, Topography and Surface Water Features

The climate of Long Island is characterized by warm, humid summers and cool, wet winters. Temperatures in Nassau County average 33.7 °F in winter and 72.7 °F in summer. Annual precipitation averages are 45 inches for rain and 27 inches for snow.

The site lies at an elevation of between approximately 127 and 135 feet above sea level. The general area around the site and the site itself slope towards the southeast. The two tax lots that comprise the site are each mostly flat; however, they are separated by an approximately 3-4 foot high retaining wall between the higher 161 Bethpage-Sweethollow Road property and the lower 301 Winding Road property. Within the 161 Bethpage-Sweethollow Road property, the lower western portion of the parking lot on the north side of the building (facing Bethpage-Sweethollow Road) is separated from the higher eastern portion by an approximately 3-foot high retaining wall. The eastern portion of the 161 parking lot represents the overall highest portion of the site. The storage yard on the east side of the 161 property is also slightly lower than the parking lot and Bethpage-Sweethollow Road.

With the exceptions of narrow strips of grass between the parking areas and the adjoining roadways, the site is entirely paved and built over and has no surface water features. There are no natural water bodies within one mile of the site. The nearest man-made water body is Nassau County Stormwater Recharge Basin No. 528 to the northwest of the intersection of Winding Road and Bethpage-Sweethollow Road. Stormwater drains towards drywells on site.

3.2 Land Use and Ecology

The two properties that comprise the site each have one commercial/industrial building. The building at 161 Bethpage-Sweethollow Road is currently occupied by three tenants: AAA in the western portion, and a paving company and a general contracting company in the eastern portion. A distributor of pottery and flower pots formerly occupied the building on 301 Winding Road. Historically, both properties were used for light manufacturing and warehousing. The surrounding properties are used for a combination of commercial and light industrial uses.

Most of the surrounding area is covered with impervious surfaces (buildings or pavement). There are no natural areas and very little vegetation in the vicinity.

3.3 Geology

The site is located in the Hamlet of Old Bethpage, Town of Oyster Bay, Nassau County, in the west-central part of Long Island, New York. Long Island consists predominantly of a thick sequence of Cretaceous and Quaternary unconsolidated sediments that were deposited during periods of sea level transgression and regression and, more recently, continental glaciations. The Cretaceous and Quaternary deposits overlie crystalline basement bedrock of Precambrian to Early Paleozoic age. The top surface of the bedrock is an erosional surface that dips southward toward the Atlantic Ocean. A thick sequence of Cretaceous sediments unconformably overlies this erosional surface, with the sequence thickening progressively down dip toward the Atlantic Ocean. The more recent deposits, including the focus of this investigation, are remnant moraine and outwash sediments deposited during the final period of glacial advance and retreat in the later stages of the Wisconsin glaciations. In general, these Quaternary deposits form only a relative thin layer over the much thicker Cretaceous units (Raritan and Magothy Formation) below.

During the installation of soil borings and monitoring wells for this RI, the observed materials consisted mostly of sand. Layers of clay and silty sand were also encountered. A layer of silty clay that was encountered between 11 and 16 feet bgs and ranged in thickness from less than one to over six feet coincided with some of the highest observed concentrations of VOCs across the site.

In the vicinity of the site, the upper glacial deposits are mostly absent and the Magothy formation is the uppermost geologic unit and stratigraphic unit of concern. The Magothy formation is approximately 750 feet thick in the area with the Raritan Clay below.

A stratigraphic cross-section based on observations made at four deep borings is presented in Figure 8.

3.4 Hydrogeology

The hydrogeologic setting in the area of the site is primarily composed of a relatively thick sequence of unconsolidated deposits. The uppermost members of this sequence are of primary concern for the investigation at the Former Aluminum Louvre site. Previous investigations at the site and its vicinity focused on the shallow hydrogeology – specifically the uppermost 75 feet of the subsurface. Concerns with potential water quality impacts to deeper groundwater were addressed by investigating deeper portions of the uppermost aquifer during the 2011 RI.

The water table at the site is in the Magothy Formation which is roughly 750 feet thick in the area. Most public supply wells are screened in the deeper portions of the Magothy. The Raritan Clay below acts as a barrier between the Magothy and Lloyd aquifers.

The Magothy aquifer is part of the Nassau-Suffolk Aquifer System which has been designated as a sole-source aquifer by the EPA and as a Class GA water by NYSDEC. The best usage for Class GA waters is as a source of potable water supply.

The observed depth to groundwater at the site and vicinity during the RI and earlier investigations ranged from approximately 60 to 70 feet bgs. Previous work conducted at the Former Aluminum Louvre site and adjacent off-site areas indicated that shallow groundwater flow is generally to the south-southeast (CDM 2008, Malcolm Pirnie 2010, Weston 2008a and 2008b). Prior to the RI, data was lacking to determine whether significant variability in flow direction occurred with depth, and the collection of additional groundwater elevation data was one of the objectives of the RI. Groundwater elevation measurements were collected during each of the monitoring well sampling events, using water level indicators. The information on the direction of groundwater flow at the site and its vicinity obtained during the RI is presented in Section 4.1.3.

Three nearby remediation sites with groundwater pump-and-treat systems (Old Bethpage Landfill, Claremont Polychemical site, and Nassau County Firemen's Training Center site) have the potential to influence groundwater flow locally; all three sites are to the south (southwest to southeast) of the Aluminum Louvre site.

4.0 NATURE AND EXTENT OF CONTAMINATION

To determine the nature and extent of contamination at the site, the screening criteria identified in Section 1.5 were used during the RI to evaluate the analytical data for soil, groundwater, soil vapor, indoor air, and ambient air.

4.1 Subsurface Sampling Results

Sampling results for the subsurface soil investigation (including the soil samples collected during the installation of monitoring wells) are presented in Section 4.1.1. The results of the groundwater sampling investigation (including the samples from temporary piezometers and permanent groundwater monitoring wells) are presented in Section 4.1.2. Groundwater elevation measurements and groundwater flow direction are presented in Section 4.1.3. The soil vapor and ambient air sampling results are presented in Section 4.1.4.

The analytical data packages for the soil, groundwater, soil vapor, and air samples are assembled in Appendices E, F, G, and H, and the Data Usability Summary Reports (DUSR) are included in Appendix I.

4.1.1 Soil Sampling Results

The RI soil sampling results are presented in this section by subarea of the site. The ranges of detections for VOCs, SVOCs, pesticides, and PCBs in soil detected at the site during the RI and the frequency of exceedance of applicable criteria are presented in Tables 1 through 4, respectively. The complete analytical data for soil are summarized in Tables 8 through 18. The results are displayed on Figures 6a through 6e.

In summary, a number of VOCs, mostly chlorinated solvent compounds, their breakdown products and hydrocarbons exceeded applicable criteria at the greatest frequency and by the highest degree across the site. In addition, one PCB compound and three pesticides also exceeded the standards, as shown in the following table for all soil samples collected across the site, and discussed in detail in the following sections.

Detected Constituents	Concentration Range Detected [ug/kg]		Standard or Criteria [ug/kg]	Frequency Exceeding Standard/Total # Samples
Trichloroethene	ND	1000000	470	13/114
Tetrachloroethene	ND	13000	1300	8/114
Toluene	ND	4200	700	7/114
cis-1,2-Dichloroethene	ND	1000	250	4/114
Acetone	ND	66	50	3/114
m,p-Xylene	ND	1400	260	3/114
Xylene (Total)	ND	1800	260	3/114
1,1,1-Trichloroethane	ND	3000	680	1/114
o-Xylene	ND	390	260	1/114
Aroclor-1254	ND	1600	100	1/20
4,4´-DDD	ND	55	3.3	1/20
4,4´-DDE	ND	52	3.3	1/20
4,4´-DDT	ND	120	3.3	1/20
Dieldrin	ND	38	5	1/20

Field Screening for VOCs

As part of the subsurface soil investigation, recovered soil cores were screened with PIDs for the presence of volatile organic vapors. The PID readings were recorded in the corresponding boring logs (Appendix A). In 2011, HDR used PIDs that display the concentration of detected volatile organic vapors in ppm units, while in 2012, a model that displays the concentration of volatile organic vapors in ppb units up to 9,999 ppb, and switches to ppm above 9,999 ppb was used. The concentrations displayed by the ppb RAE (ppb or ppm) during soil core screening were recorded on the corresponding boring logs. To allow for a direct comparison of the field screening results for 2011 and 2012, the 2012 screening results are described in RI report text as ppm. During sampling at the direct-push soil boring locations in January 2011, the highest PID readings were encountered at and around boring location ALC-MW3 in the northeastern portion of the 301 Winding Road property. In this area, the highest PID readings were consistently encountered in a silty clay interval from 15 to 20 feet bgs, with the exception of boring DB-ALC MW3-SE, which had the highest reading in the interval from 10 to 15 feet bgs (also the highest reading overall, with 4,009 ppm). In March 2011, elevated PID readings of greater than 100 ppm were observed in silty clays in the 15-20 foot interval at borings 301-DB-2 and 301-DB-3.

During the soil sampling conducted as part of the monitoring well installations in 2011, only one of the soil cores (boring MW-301-01) exhibited PID readings that were significantly elevated above background. The highest PID readings at this location, ranging from 800 to 3,000 ppm,

were detected in the samples recovered from 4-6, 14-16, and 19-21 feet bgs. Readings in the other intervals ranged from 0.0 to 50 ppm.

PID field screening for volatile organic vapors at the three borings installed around drywell #9 (DW9N-S, DW9N-NE, and DW9N-NW) in 2012 indicated the presence of VOCs between 15 and 40 feet bgs, with the PID readings up to 16 ppm. Laboratory analysis results did not reveal soil contaminants above criteria in this area.

At MW-301-1-VD(see boring log MW-301-200) in 2012, PID field-screening indicated only very low VOC concentrations for the interval from 5-30 feet bgs (to 20 ppm). Soil samples and PID readings were not collected between 30 and 125 feet bgs at this location because sufficient data were obtained in 2011. From 125 feet to the bottom of the boring at 187 feet bgs, all PID readings were reported as non-detect (0 ppm). At the off-site wells installed to the east and southeast of the site in 2012, PID readings of the soil cores were mostly 0 ppm. One notable exception was a reading of 9.3ppm at MW-195-1, at the shallow depth of 11 feet bgs. Soil from two of the three wells installed at the NEMF property each exhibited low PID readings (0.280 ppm at 20-22 feet bgs, and 0.033 ppm at 46 feet bgs at MW-NEMF-1, and 0.132 ppm at 35-37 feet bgs at MW-NEMF-2), while soil at the third well installed on the NEMF property had only PID readings of 0 ppm. The soil borings at the four off-site wells were advanced to depths of 127 feet bgs.

Screening with a PID indicated high concentrations of VOCs at boring 301-DB2-NW between 10 and 45 feet bgs, between 15 and 25 feet bgs at boring 301-INT-W, and between 5 and 20, and 45 and 60 feet bgs at boring 301-INT-W2.

The three soil borings installed in the north-central portion of the 301 Winding Road property (301-DB2-NW, 301-INT-W2, and 301-INT-W, all installed to 60 feet bgs) exhibited elevated PID readings (to 30 ppm) below 20 feet bgs. As no exceedances of soil criteria were reported in the laboratory results for these samples, contaminated soil vapor, and not soil contamination, is assumed to be the reason for the elevated PID readings. Comparable PID readings were observed at the soil borings within the footprint of the 161 building, with 43 ppm at 24 feet bgs at boring 161-INT-S, and of 33 ppm at 24’ feet bgs at boring 161-INT-SW. PID screening results at the other borings installed in 2012 were lower (generally less than 10 ppm).

Areas west and north of the Site Buildings

The areas west and north of the site buildings were investigated during the first phase of the RI in 2011 for potential soil impacts at the former cesspools at the 161 and 301 properties (borings 161-CP1, 161-CP2, 301-CP1 and 301-CP2) and at the former AST pad on the 161 property (boring 161-1), and through soil sampling during the installation of monitoring wells (MW-161-1-S,-I, and –D, and MW-301-4S, -I and -D).

The five soil borings in this area were advanced to depths of between 15 feet bgs and 65 feet bgs, and between one and three samples were collected per boring. Several VOCs were detected in the samples; however, none of the compounds exceeded the respective NYSDEC Unrestricted Use SCOs. No chlorinated compounds (TCE, PCE, DCE, etc.), pesticides, or PCBs were detected in the soil boring samples from this area.

The analytical results for the soil samples collected during the installation of the monitoring wells in this area indicated the presence of TCE at low concentrations in the samples from 85 and 119 feet bgs at MW-161-1 located to the north of the 161 site building (estimated values of 2.4 µg/kg and 3.2 µg/kg, respectively; Unrestricted Use SCO: 470 µg/kg). VOCs were non-detect in all four soil samples collected at monitoring well cluster MW-301-4, located southwest of the 301 building (55, 65, 89, and 119 feet bgs).

During the second phase of the RI in 2012, 10 additional soil borings were installed at the 161 property, all to depths of 25 feet bgs., to delineate the horizontal and vertical extent of VOC impacts detected at nearby locations in 2011. Seven of the borings were completed to the north and east of the 161 building, and three borings were completed within the footprint of the building. At the seven boring locations outside the building footprint, eight samples, including one duplicate, were collected and analyzed for VOCs. PCE was not detected in any of the eight samples, and only sample 161N-6-18 (collected at location 161N-6, at 18 feet bgs) had a low-level detection of TCE of 1.8 µg/kg (SCO 470 µg/kg). The only other detected compounds were acetone, with concentrations ranging from 2.3 to 5.5 µg/kg (SCO 50 µg/kg), and methylene chloride (1.7 to 5.5 µg/kg; SCO 50 µg/kg), which were detected in all eight samples. At the three borings inside the 161 building, one sample was collected from 24 feet bgs at each of the borings. At two of the borings (161-INT-N and 161-INT-S), chlorinated VOCs, toluene and

xylenes were reported as non-detect, and at the third boring, only TCE was detected at a low estimated concentration (1.7 µg/kg).

Areas South of the 301 Building

Four soil samples were collected in this area during the installation of monitoring well couplet MW-301-3 during the first phase of the RI in 2011. The samples were obtained from 9, 64, 89, and 119 feet bgs and analyzed for VOCs. Only one compound, DCE, was detected in one of these samples. The concentration of DCE in the sample from 9 feet bgs (MW-301-3-9) was reported as 1.4 µg/kg (estimated), below the NYSDEC Unrestricted Use SCO of 250 µg/kg (due to a transcription error, the sample in question was listed on the chain-of-custody record and in the laboratory report as sample MW-301-2-9).

161 Building Indoor Loading Dock Drywell

The 161 indoor loading dock drywell is in the southwestern portion of the building. This area is also the general location of the former processing machine shown on a 1994 site diagram (Eder 1994). One soil boring (161-IDW) was installed at this area during the first phase of the RI in 2011. Boring 161-IDW was advanced to 20 feet bgs and one sample was collected for VOCs, SVOCs, pesticides and PCBs analysis. SVOCs, pesticides and PCBs were not detected. A single VOC compound, naphthalene, was reported by the laboratory at a concentration three orders of magnitude below the Unrestricted Use SCO; however, because of contamination of the associated blank sample, this is not considered a valid detection.

Former Outdoor Drum Storage Area

The Former Outdoor Drum Storage Area is located between the 161 and 301 buildings in the central portion of the site. Three soil borings were installed in this area during the first phase of the RI in 2011. The borings were 301-2W (0-15'; analyzed for VOCs), 301-2E (0-15'; VOCs, SVOCs, pesticides and PCBs), and 301-DB-1 (0-20'; VOCs). Boring 301-DB-1 also served as a delineation boring for the contamination discovered underneath the eastern portion of the 161 building and to the east of the 301 building.

The sample from soil boring 301-2W (12.5 feet bgs) did not have any detections of VOCs, while the sample from soil boring 301-2E (11.5 feet bgs) only had a low, estimated detection of acetone (5 µg/kg), below the Unrestricted Use SCO of 50 µg/kg. SVOC, pesticide, or PCB

compounds were not detected in this sample. TCE, PCE, DCE, and naphthalene were detected in the sample from boring 301-DB-1 (17 feet bgs); however, all of these VOCs were present at concentrations below the Unrestricted Use SCOs and the detection of naphthalene was qualified as non-detect by the data validator because of contamination of the associated blank sample.

Stormwater Drywells

Drywell DW-7

Drywell #7 (DW-7) is located at the northeast corner of the 301 property approximately seven feet from the south wall of the 161 building. The hand auger sample from drywell #7, collected from approximately 3.5 feet bgs, had low detections of DCE (34 µg/kg), PCE (2 µg/kg), TCE (29 µg/kg), and toluene (14 µg/kg). Xylenes and 1,1,1-TCA were non-detect in this sample. The analytical results for this sample are included in Table 12.

Drywell DW-8

Drywell #8 (DW-8) is located in the northeast corner of the 301 property. During the first phase of the RI in 2011, one soil boring was installed in this area. The drywell extended from ground surface to 13.5 feet bgs, with 6- 7 feet of standing water. The boring was completed from 13.5 feet bgs to 18.5 feet bgs and a sample (DB-DW-8-15) was collected 15 feet bgs and analyzed for VOCs. The concentration of TCE reported for this sample was 560 µg/kg (slightly above the Unrestricted Use SCO of 470 µg/kg). Other detected VOCs included 1,1,1-TCA, DCE, and PCE, all of which were at concentrations below the Unrestricted Use SCOs.

DW-8 was re-sampled (DW-8-083012) on August 30, 2012 using a hand auger after asphalt that had covered the manhole was removed (the area had been repaved between the January 2011 and June 2012 sampling events). Acetone was the only contaminant detected that exceeded the Unrestricted Use SCO (estimated concentration of 51 µg/kg vs. 50 µg/kg SCO). The analytical results for this sample are included in Tables 8 and 13.

Drywell DW-9

Drywell DW-9 is located east of the building of the 301 property. During the first phase of the RI in 2011, four soil borings were installed around drywell DW-9, which was remediated in 1996 after high concentrations of chlorinated compounds and contaminated water were found. Horizontal delineation of impacted soil was not reported at the time. The four borings (DB-

DW9N, DB-DW9E, DB-DW9SE, and DB-DW9S) were advanced to 15 feet bgs and one sample per boring was collected for analysis of VOCs (all borings) and SVOCs, pesticides, and PCBs (all borings except DB-DW9SE).

Detections of VOCs at the borings around drywell DW-9 were limited to low-level detections of PCE, TCE, and DCE at boring DB-DW9S (all one to two orders of magnitude below the Unrestricted Use SCOs), and to low-level detections of naphthalene at all four borings (the naphthalene results were flagged as non-detect by the data validator due to contamination of the associated blank sample). A single SVOC, bis(2-ethylhexyl)phthalate, for which no SCO has been established, was detected at concentrations of 160 µg/kg at boring DB-DW9E and 220 µg/kg at boring DB-DW9N.

The results for the sample from boring DB-DW9N, which was collected from 10 feet bgs, had a detection for PCB Aroclor 1254 of 1,600 µg/kg, exceeding the Unrestricted Use SCO for total PCBs of 100 µg/kg. The three pesticides 4,4'-DDE, 4,4'-DDT and 4,4'-DDD were reported at concentrations between 52 and 120 µg/kg, exceeding their SCOs (each at 3.3 µg/kg) by one to two orders of magnitude. No PCBs or pesticides were detected in the two other samples from this area (DB-DW9E and DB-DW9S). No pesticides or PCBs were detected in any of the other soil samples collected during the RI.

To achieve the delineation of pesticides/PCBs impacted soil at drywell DW-9, in 2012 HDR installed three soil borings and collected 10 samples, including one duplicate sample, from depths of 2, 10, and 15 feet bgs at each of the three borings. None of the pesticide and PCB compounds exceeded the Unrestricted Use SCO. Results for seven of the samples, including the duplicate sample, were non-detect for all pesticide and PCB compounds. One PCB compound, Aroclor-1242 was detected at a concentration of 59 µg/kg, below the Unrestricted Use SCO in a single sample (DW9N-NW-15). In addition, four pesticide compounds were reported at concentrations ranging from 2.1 to 5.4 µg/kg in three samples (DW9N-NW-15, DW9N-S-10, and DW9N-S-15). The reported concentrations for all four pesticide compounds were one order of magnitude below the respective Unrestricted Use SCOs.

Bottom sediment samples were also collected from the inside of DW-9 using a hand auger on May 31, 2012. In the sample collected from approximately 16 feet bgs, only total xylene was

detected at a low concentration of 8.2 µg/kg. None of the detections exceeded the applicable Unrestricted SCOs. The analytical results for this sample are included in Table 12.

Former Outdoor Dip Tanks/Paint Storage Areas

The two former outdoor dip tanks/paint storage areas are in close proximity to each other on the 301 property in the southeast portion of the site. Two borings (301-7 and 301-8) were installed to depths of 15 feet bgs in these areas during the first phase of the RI in 2011. In the sample from boring 301-7, PCE was the only detected VOC, with a concentration of 1.2 µg/kg (two orders of magnitude below the below the Unrestricted Use SCO). No SVOCs, pesticides or PCBs were detected in this sample. At boring 301-8, acetone was the only detected VOC with a tentative and estimated concentration of 2.8 µg/kg (Unrestricted Use SCO: 50 µg/kg). SVOCs, pesticides, and PCBs were not analyzed for at boring 301-8.

East-central Area of the Site

The east-central area of the site includes portions of the 161 and 301 properties. The area was investigated during the first phase of the RI in 2011 because a number of AOCs are within or near this area. These AOCs include the locations of a former outdoor compactor and former outdoor metal storage shed at the 161 property (both of which are now inside the 161 building addition) and the former spray paint booths at the 301 property. Previous investigations had indicated soil and groundwater contamination in this area. Drywells DW-8 and DW-9, which are also in this general area, were investigated as separate AOCs during the first phase of the RI and are therefore reported separately above.

During the first phase of the RI in 2011, a total of 21 soil borings were installed in the east-central area, four on the 161 property (three inside the eastern part of the building and one outside the east wall), and 17 on the 301 property (all outside the building footprint). The soil sample results indicate an area of VOC-contaminated subsurface soil with concentrations of several compounds above Unrestricted Use SCOs. The VOCs that were most frequently detected above the unrestricted SCOs were TCE and PCE, which also showed the highest degree of exceedances. Other VOCs that exceeded the Unrestricted Use SCOs in this area were 1,1,1-TCA, DCE, toluene, and dimethyl benzene. The following summary table presents the range of concentrations for VOCs in this area of the site.

Compound	Unrestricted Use SCO [µg/kg]	Range of Concentrations >SCO [µg/kg]
TCE	470	1,000 D – 1,000,000 D
PCE	1,300	1,500 – 22,000 DJ
DCE	250	520-1,000 DJ
1,1,1-TCA	680	3,000
Toluene	700	800 – 6,100 DJ
Dimethyl benzene	260	430 - 1,400

D – Result from dilution analysis J – estimated result

In 2011, the highest TCE and PCE concentrations were detected in the samples from three borings on the 301 property (301-DB-3, ALC-MW3, and ALC-MW3NE), all located just to the south of the 161 building. Samples collected inside the 161 building just to the north of these three locations had significantly lower concentrations, and showed only one exceedance of the SCOs. The two soil borings with the highest VOC concentrations (301-DB-3 and ALC-MW3) were located near a former drywell on the 301 property (DW-7) that is indicated on a 1990s era site diagram.

The highest VOC concentrations that were encountered in 2011 were detected in samples collected from between 14 and 18 feet bgs on the 301 property. Based on sampling results and field screening observations, the contaminated subsurface soil appears to be confined to a layer of silty clay that generally showed the highest PID vapor screening results. In this portion of the site, the layer of silty clay was encountered between 16.5 and 25 feet bgs on the 161 property (which has a higher ground elevation), and between 11 and 21 feet bgs on the 301 property, and varied in thickness from less than one foot to greater than six feet.

Additional soil samples were collected in the east-central portion of the site during the installation of wells at three monitoring well clusters (MW-161-2, MW-301-1, and MW-301-2). At location MW-301-1, just to the south of the 161 site building, four samples were collected from 14, 29, 94 and 114 feet bgs. Results for the sample from 14 feet bgs indicated the presence of six target VOCs (including TCE, PCE, and xylene) and four tentatively identified compounds. All compounds were detected at concentrations of 11µg/kg or less, and were between two to three orders of magnitude below the respective Unrestricted SCOs. No VOCs were detected in

the sample from 29 feet bgs, and only acetone was reported in the samples from 94 and 114 feet bgs (25 and 14 µg/kg, respectively; Unrestricted SCO: 50 µg/kg). In the four samples collected at location MW-301-2, only one VOC, naphthalene, was detected in the sample from 123 feet bgs (reported at an estimated concentration of 1.3 µg/kg; Unrestricted SCO: 12,000 µg/kg). VOCs were not detected in the three soil samples collected from 55, 94, and 120 feet bgs at well cluster MW-161-2 in the eastern parking/storage area.

Based on the 2011 RI sampling results, the area of contaminated soil appears to extend from underneath the southeastern portion of the 161 building in the north, to approximately the midpoint of the former spray booths annex of the 301 building to the south. The western and northwestern extent of the area of VOC contamination was not well-defined at the end of the first phase of the RI in 2011. In addition, sampling for VOCs at former drywell #9, east of the 301 building, had extended to only 12.5 feet bgs, above the VOC-impacted 17-18 foot bgs interval encountered at nearby locations. To achieve both horizontal and vertical delineation of TCE-impacted soil in these areas, in 2012, two additional soil borings were installed inside the 301 building (301-INT-W and 301-INT-W2), one boring was installed between the 301 and 161 buildings (301-DB2-NW), and three borings were installed around former drywell #9. Two additional soil samples were collected during the installation of a deep monitoring well (MW-301-1-VD) east of the northeast portion of the 301 building.

At the 2012 borings around drywell #9, six samples were collected at the three new borings from depths between 24 and 40 feet bgs. VOCs were not detected in any of these samples.

At the two boring locations inside the 301 building footprint, six samples, including one duplicate, were collected from depths between 34 and 56 feet bgs. TCE was detected in only one sample collected from 56 feet bgs (301-INT-W-56), at a low and estimated concentration of 2.9 µg/kg (SCO: 470 µg/kg). No other VOCs were detected. At the boring location installed between the 301 and 161 buildings (301-DB2-NW), all chlorinated VOCs, toluene, and xylenes were reported as non-detect in the two samples collected from 50 and 56 feet bgs.

Two soil samples (26 and 185 feet bgs) were collected during the installation of the deep monitoring well to the east of the 301 building in 2012 (MW-301-1-VD). Neither of the two samples had any detections for VOCs.

HDR also collected 12 soil samples, including one duplicate sample, during the installation of the monitoring wells at the four off-site locations in the event off-site soil sources were found that could be contributing to off-site groundwater contamination. The chlorinated VOCs, toluene, and xylenes were reported as non-detect in all 12 samples, which were collected from depths between 62 and 122 feet bgs.

4.1.2 Groundwater Sampling Results

The groundwater sampling results for the samples from temporary piezometers and the permanent monitoring wells are presented separately in this section. The ranges of detections for VOCs and SVOCs in groundwater and the frequency of exceedance of applicable standards are presented in Tables 5 and 6, respectively. The complete analytical data for groundwater are summarized in Tables 19 through 28. The results are displayed on Figures 4a through 4h. Monitoring well installation and development logs are included in Appendix B, and well sampling logs are included in Appendix C.

In summary, a number of VOCs, mostly chlorinated solvent compounds and their breakdown products, exceeded applicable criteria at the greatest frequency and by the highest degree, as shown in the following table and discussed in detail in the following sections.

Detected Constituents	**Concentration Range Detected (ug/L)**		**Standard or Criteria (ug/L)**	**Frequency Exceeding Standard/Total # of Samples**
Trichloroethene	ND	2500	5	65/124
cis-1,2-Dichloroethene	ND	110	5	20/124
Tetrachloroethene	ND	39	5	15/124
1,1,1-Trichloroethane	ND	57	5	13/124
1,1,2-Trichloroethane	ND	2.9	1	7/124
1,1-Dichloroethene	ND	42	5	6/124
1,1-Dichloroethane	ND	8.8	5	5/124
Acetone	ND	160	50	4/124
Benzene	ND	1.9	1	2/124
Methyl tert-butyl ether	ND	23	10	2/124
1,2,3-Trichloropropane	ND	21	0.04	1/124

Groundwater Sampling at Temporary Piezometers (January to March 2011)

During the soil investigation in January and March 2011, 16 groundwater samples were collected from temporary piezometers at six soil borings (161-CP2, 161-1, 161-DB-2, 301-2E, 301-7, and 301-CP2) and analyzed for VOCs. Several compounds were detected in these samples, including PCE, DCE, and 1,1,1-TCA, all of which exceeded their respective NYSDEC Class GA standard in one sample (161-DB-2, 66-70'), and TCE, which exceeded the NYSDEC Class GA standard in five samples. Toluene and a few other VOCs (including carbon disulfide and methyl ethyl ketone) were also detected but at concentrations that did not exceed the respective NYSDEC Class GA standards. Acetone was detected at concentrations of 120 to 160 µg/l in the three samples from boring 301-CP2 (Figure 4a), above the TOGS guidance value of 50 µg/l (no NYSDEC Class GA standard). While acetone is a common laboratory contaminant, the elevated concentrations in the samples from boring 301-CP2 were not flagged by the data validator as being related to laboratory or field cross-contamination and are therefore considered valid.

The highest concentrations of VOCs in the samples from the temporary piezometers installed in 2011 was detected in the water table sample at boring 161-DB-2 (66-70 feet bgs) where TCE (1,000 µg/l), PCE (30 µg/l), DCE (22 µg/l), and 1,1,1-TCA (8 µg/l) exceeded the respective NYSDEC Class GA standards (all at 5 µg/l). The water table samples from the two temporary piezometers located south (downgradient) of boring 161-DB-2 also had TCE concentrations above the NYSDEC Class GA standard (56 µg/l at boring 301-2E and 18 µg/l at boring 301-7). In addition to these three water table samples, TCE also exceeded the NYSDEC Class GA standard in the samples from the two deeper intervals at boring 301-2E. Samples from the deeper intervals at the other borings in this area, as well as at upgradient and cross-gradient locations (161-CP2, 161-1), had TCE detections below the NYSDEC Class GA standard, suggesting a potential upgradient source of low-level TCE contamination that has impacted the deeper groundwater, in addition to one or more shallow on-site source areas.

The analytical results for the piezometer groundwater samples from the northern and northwestern portion of the site (west and north of the building at 161 Bethpage-Sweethollow Rd.) indicate that groundwater in the area has been impacted with TCE below the NYSDEC

Class GA standard. Samples collected at location 301-CP2 to the southwest of the building at 301 Winding Road did not indicate any TCE, PCE, or other chlorinated compounds.

Groundwater Sampling at Temporary Piezometers (March 2012)

The purpose of groundwater sampling from temporary piezometers in 2012 was the horizontal and vertical delineation in on- and off-site areas, and to support the placement of additional permanent multi-level wells. A total of nine temporary piezometers were installed, three at upgradient locations on the north side of Bethpage-Sweethollow Road, three on the eastern boundary of the 161 property, and three at the 303 Winding Road property to the south of the site. At each boring, samples were collected from three depth intervals (deep, intermediate, and at or near the water table), with the exception of boring location 161-TP-NE, where equipment malfunction prevented the sampling of all three depth intervals. Because the rods broke twice, only the deepest interval (125 feet bgs) was sampled here.

At the three upgradient locations on the north side of Bethpage-Sweethollow Road (148W-TP, 148E-TP and 160-TP), TCE, at a concentration of 6 µg/l in the deep sample (125 feet bgs) collected at the easternmost boring (160-TP) exceeded the NYSDEC Class GA standard of 5 µg/l slightly. TCE was also detected in the shallow and intermediate intervals at this location and in the shallow sample from boring 148W-TP, ranging from 0.73 µg/l (estimated) to 3.1 µg/l. The only other chlorinated VOC detected at the upgradient locations was PCE, which was reported for the deep interval sample at 160-TP at a low concentration (0.73 µg/l, estimated) below the NYSDEC Class GA standard of 5 µg/l. No chlorinated VOCs were detected in the samples from the third piezometer.

At the three locations on the eastern boundary of the 161 property (161-TP-NE, 161-TP-E, and 161-TP-S), DCE (5.3 to 9.3 µg/l), PCE (8.2 µg/l to 12 µg/l), and TCE (27 to 550 µg/l) exceeded the NYSDEC Class GA standard (5 µg/l for each compound). The highest TCE concentrations were encountered in the shallow and intermediate intervals (70 and 95 feet bgs) at the northernmost boring (161-TP-NE), which also had a TCE concentration of 27 µg/l, above the standard, in the deep interval (125 feet bgs). Because of the equipment malfunction described above, no samples were collected from the shallow and intermediate intervals at boring 161-TP-E. At the southernmost boring (TP-161-S), both the shallow and intermediate intervals had

exceedances of the NYSDEC Class GA standards for PCE and TCE, while the deep interval (115 feet bgs) did not. Boring locations 161-TP-E and 161-TP-NE are due east and slightly northeast of the area of soil contamination (source area) in the northeast portion of the 301 property. In addition, 1,1,1-TCA and DCE were detected at concentrations below the NYSDEC Class GA standards of 5 µg/l in the shallow and intermediate intervals at the southernmost boring (161-TP-S).

At the three locations at 303 Winding Road (303-TP-N, 303-TP-E, and 303-TP-SE) to the south of the site, DCE (8.5 µg/l), PCE (11 µg/l), and TCE (21 to 300 µg/l) exceeded the NYSDEC Class GA standard (5 µg/l for each compound). At the westernmost boring (303-TP-N), TCE in the sample from the water table (21 µg/l) was the only compound above the NYSDEC Class GA standard. At boring TP-303-E, TCE exceeded the standard in all three depth intervals, and PCE and DCE exceeded in the intermediate interval. This boring is located southeast of the source area on the 301 property. At the third boring on the 303 property (303-TP-SE), TCE exceeded the standard in the intermediate and deep intervals (170 and 64 µg/l, respectively).

Groundwater Sampling from Permanent Monitoring Wells (2011)

In 2011, groundwater samples were collected from 16 wells installed during the RI and five water table wells that were previously installed by others. The monitoring wells installed during the RI were multi-level wells that were screened between 65-70 feet bgs, 91-95 feet bgs, and 122-125 feet bgs, respectively, to provide information on conditions at the water table, an intermediate depth, and a deeper portion of the upper aquifer. The analytical results indicate that VOC concentrations exceeded NYSDEC Class GA standards at all but one location, either in at least one depth interval of the newly installed multi-level wells (water table, intermediate, or deep), or at co-located old water table wells. The single exception was well ALC-Old-MW1, a previously installed water table well located between the western halves of the 161 and 301 buildings. Compounds exceeding NYSDEC Class GA standards included TCE (30 of 46 samples, including duplicates), PCE (7 samples), DCE (14 samples), 1,1,1-TCA (6 samples), 1,1,2-TCA (6 samples), 1,1-DCA (3 samples), and benzene (2 samples), TCE was detected at concentrations between 0.87 and 2,500 µg/l, PCE detections ranged from 0.68 to 39 µg/l, and DCE was reported detected from 0.51 to 110 µg/l. The highest detections of TCE in the two

rounds of sampling completed in 2011 (1,700 to 2,500 µg/l) were from previously installed water table well ALC-MW-3 and the water table interval at newly installed well MW-301-1, both located in the northeast portion of the 301 property. The intermediate depth sample, collected from the 85-95 foot interval at well MW-161-1 also had very high TCE (1,100 µg/l) in May 2011, but a considerably lower result (190 µg/l) in July 2011. Well MW-161-1 is located north of the eastern part of the 161 building.

In general, the highest TCE concentrations were detected in the shallow intervals of the wells installed during the 2011 RI and the previously installed water table wells.

Groundwater Sampling from Permanent Monitoring Wells (2012)

In 2012, two rounds of groundwater samples were collected from four permanent triplet/multi-level groundwater monitoring wells (screened at the water table, intermediate, and deep intervals) installed off-site to the east and southeast, and one single-depth well (MW-301-1-VD, screened interval from 173 to 183 feet bgs) at the apparent source area at 301 Winding Road. One round of samples was also collected in August 2012 from two of the multi-level (triplet) wells installed in 2011 (MW-161-1 and MW-301-1) that had some of the highest TCE results in 2011.

Compounds exceeding NYSDEC Class GA standards for the two rounds of sampling at the wells installed in 2012 included TCE (10 of 28 samples, including duplicates), PCE (1 sample), 1,1,1-TCA (6 samples), 1,1-DCA (2 samples), 1,1,1-DCE (6 samples), and MTBE (2 samples). The two samples that had exceedances of the MTBE criteria were for water table samples from one of the off-site locations (MW-195-1), and the samples from this depth interval did not have any exceedances for other VOCs. The deep well installed in the suspected source area in the northeastern portion of the 301 property (MW-301-1-VD), which is screened from 173 to 183 feet bgs, did not have any exceedances.

TCE was detected at concentrations between 0.53 and 500 µg/l, PCE detections ranged from 0.71 to 7.9 µg/l, and DCE was detected from 0.6 to 38 µg/l. MTBE concentrations ranged from 0.55 to 23 µg/l. The highest detection of TCE in 2012 (500 µg/l) was for the sample from the water table interval at well MW-301-1, which also had the highest TCE concentration in the

2011 sampling rounds. The TCE concentrations at the off-site wells installed in 2012 ranged from 0.53 to 85 µg/l. The highest concentrations of 1,1,1-TCA were encountered at the intermediate interval (90-100 feet bgs) at off-site location MW-195-1, 54 to 57 µg/l, almost three times as high as the highest on-site concentration detected during the RI (20 µg/l at water table well ALC-MW3), and at the 95-105 foot interval at off-site well MW-NEMF-3 (21-32 µg/l). A previous investigation (Malcolm Pirnie 2008) reported that 1,1,1-TCA and other solvents were historically used in large quantities (hundreds of gallons per month) at the 195 Bethpage-Sweethollow Road property, and that in 1991, amber liquid in a dry well, and an illegal cesspool in the parking lot were discovered at the property by the NCDH. The exact location of the dry well and cesspool were not identified in the 2008 report. The 195 property currently has parking areas to the northwest, east and south of the site building, and a figure in the 2008 report indicates that 12 dry wells existed at the property in 2009, including one inside the building. The source of the information in the 2008 report is a 2006 letter from the Nassau County Department of Public Works to the US EPA ("Letter Report - Potential Sources of Upgradient Volatile Organic Contamination", August 18, 2006). The 2006 letter report was not available for review during this RI.

The 195 property was investigated in 2009 as part of the site characterization of the general area (Malcolm Pirnie 2010). The investigation consisted of soil sampling at three boring locations, the installation and sampling of two shallow (water table) monitoring wells, and soil vapor sampling at four locations outside the building footprint (two shallow and two deep samples). Chlorinated VOCs of primary concern (TCE, PCE, cis-1,2-DCE, and 1,1,1-TCA) were not reported above laboratory detection limits in the seven soil samples, including one duplicate (samples collected from between 4 and 71 feet bgs). In groundwater, TCE (3.8 µg/l), PCE (2.1 µg/l), and 1,1,1-TCA (2.6 µg/l) were detected at concentrations below the respective NYSDEC Class GA standards (5 µg/l for each of the compounds). The soil vapor sampling results indicated the presence of elevated concentrations for a number of VOCs with the following ranges:

Carbon Disulfide	ND (0.13 ug/m^3) – 77 ug/m^3
1,1-Dichlorethene	ND (0.16 ug/m^3) – 1,300 ug/m^3
1,1,1-TCA	ND (0.22 ug/m^3) – 1,800 ug/m^3

TCE	0.74 ug/m^3 – 1,100 ug/m^3
PCE	1.5 ug/m^3 – 780 ug/m^3
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.74 ug/m^3 – 1,200 ug/m^3

Several other VOCs were detected at lower concentrations. The highest soil vapor concentrations were reported for a sample and its duplicate that were collected from 64 feet bgs at one of the monitoring well boring locations (MW-5, located near the northeast corner of the building).

In the samples collected from the two multi-level wells installed in 2011 (MW-161-1 and MW-301-1), TCE exceeded the NYSDEC Class GA standards in all six samples, DCE in two samples, and 1,1,2-TCA in one sample.

4.1.3 Groundwater Elevations

Groundwater elevation measurements were collected during the four rounds of groundwater sampling during the RI (May and July 2011, and June and August 2012). The permanent monitoring wells installed during the RI were clustered wells that were screened at the water table, at intermediate depth, and at a deeper interval (screens centered between 65-70 feet bgs, 91-95 feet bgs, and 122-125 feet bgs, respectively). Previously existing wells had been screened at the water table. In 2011, groundwater elevations were collected at and in the immediate vicinity of the site. With the addition of four off-site monitoring wells in 2012, groundwater elevations were also collected further to the east and south of the site.

Groundwater elevations at the site were highest during the RI in the northwest portion near the corner of Bethpage-Sweethollow Road and Winding Road (approximately 68 to 71 feet above sea level) and decrease towards the south and east (approximately 66.5 feet above sea level at an off-site well along Arlene Way). Elevations for the wells installed at the three different depth intervals varied slightly. The highest elevations were recorded at the water table wells; the elevations at the intermediate depth wells were approximately one foot lower, and the elevations at the deep wells were lower again by approximately 0.5 feet.

The elevations obtained for the water table wells indicate flow to the east at the site and in the immediate vicinity. Away from the site, to the east and south, the flow direction established for the water table wells changes towards the southeast, which is the reported flow direction for the

surrounding area. The elevation measurements for both the intermediate and deep wells indicate flow to the southeast at the site and in the vicinity.

Previous work conducted at the Former Aluminum Louvre site and adjacent off-site areas (CDM 2008, Malcolm Pirnie 2010, Weston 2008a and 2008b) indicated that shallow groundwater flow is generally to the south-southeast. The eastward flow of shallow groundwater on-site is thought to reflect the influence of groundwater mounding from the Nassau County Recharge Basin No. 528, located to the northwest of the intersection of Winding Road and Bethpage-Sweethollow Road. Three nearby remediation sites with groundwater pump-and-treat systems (at the Old Bethpage Landfill, Claremont Polychemical, and the Nassau County Firemen's Training Center site) have the potential to influence groundwater flow locally; all three sites are to the south (southwest to southeast) of the Aluminum Louvre site.

Groundwater elevations and contours for May 2011 and June and August 2012 for the water table, intermediate, and deep wells are shown on Figures 7a through 7d.

4.1.4 Soil Vapor and Ambient Air Sampling Results

The investigation of soil vapor and ambient air was conducted in two phases in 2011 and 2012. After an evaluation of the data collected in 2011, HDR returned to the site in March of 2012 to install and sample two additional sub-slab soil vapor sampling points inside the 161 building, to re-sample the four soil vapor implants installed in 2011, and to collect co-located indoor air samples at the 161 building. Ambient air sampling was not conducted inside the 301 Winding Road building in 2012 because the warehouse portion of the building was being used for the storage of new tires, resulting in very high indoor air PID readings that were anticipated to compromise the samples. An outdoor air sample was also collected in 2012 at approximately the same location as in 2011. The ranges of detections for VOCs in soil vapor, indoor air, and outdoor air samples, and the frequency of exceedance of applicable standards are presented in Table 7. The complete soil vapor and ambient air sampling results are summarized in Tables 29 and 30. Results for target VOCs area also displayed on Figure 5.

Sub-Slab Soil Vapor

New York State does not currently have any standards, criteria, or guidance values for subsurface vapors (NYSDOH 2006). Several VOCs were detected in the sub-slab vapor samples collected at the 161 and 301 properties. With one exception (PCE at the sub-slab location in the eastern part of the 161 building), the concentrations of target compounds were up to three orders of magnitude higher in 2012 than in 2011, as illustrated in the following summary:

Property/ Sampling Round	**Compound/Concentrations [ug/m^3]**		
	1,1,1-TCA	**PCE**	**TCE**
161 Bethpage-Sweethollow Rd. 2011 (2 locations)	0.83 ND 4.9	1.4 3,000	0.98 52
161 Bethpage-Sweethollow Rd. 2012 (4 locations)	100 to 560	1,100 to 2,000	460 to 9,500
301 Winding Road 2011 (2 locations)	0.83 ND 1.3	2 3.9	1.4 2.9
301 Winding Road 2012 (2 locations)	260 440	2,100 8,300	9,000 23,000

ND – not reported above the detection limit

The reason or reasons for the significantly higher concentrations in 2012 are not readily apparent. Potentially contributing factors include meteorological conditions. The 2011 samples were collected during harsh winter conditions with a foot or more of snow on the ground. 2012 was an unusually mild winter. Despite both rounds occurring during the heating season, it is possible that differences in operation of the buildings' heating systems between 2011 and 2012 resulted in the wide range of results.

161 Bethpage-Sweethollow Road

In 2011, the highest concentrations for 1,1,1-TCA, PCE, and TCE were detected at soil vapor point 161-E-SS in the eastern part of the building, along with a high concentration of toluene (590 µg/m^3). In 2012, the highest concentrations of 1,1,1-TCA, PCE, and TCE were detected at the two newly installed boring locations in the east-central part of the building (161-W-SS and 161-N-SS).

301 Winding Road

In 2011, 1,1,1-TCA, PCE, and TCE were detected in both sub-slab samples at low concentrations of below 4 $\mu g/m^3$. The highest concentrations for other detected compounds in the two samples from 301 Winding Road were 27 $\mu g/m^3$ for Freon 11 and 18 $\mu g/m^3$ for acetone. As indicated in the summary table above, the concentrations of 1,1,1-TCA, TCE, and PCE in the 2012 sub-slab samples at the 301 property were several orders of magnitude higher than in 2011. The 2012 concentrations for PCE and TCE at the sampling location in the southeast corner of the 301 building (301-SW-SS) were the highest sub-slab vapor concentrations for PCE and TCE detected at the site during the RI. The magnitudes of the VOC concentrations in the 2012 samples are comparable to those collected during a previous investigation at the 301 building. At that time, the highest PCE, TCE, and 1,1,1-TCA concentrations were detected in soil vapor points located off the southeast corner of the building at shallow soil vapor point 301 WR-SV-3S (PCE at 15,000 $\mu g/m^3$), and deep soil vapor point 301 WR-SV-4D (TCE at 22,000 $\mu g/m^3$ and 1,1,1-TCA at 760 $\mu g/m^3$) (Malcolm Pirnie 2010).

The concentrations for TCE and PCE in sub-slab soil vapor for which NYSDOH recommends mitigation to minimize current or potential exposure, regardless of indoor air concentrations (250 $\mu g/m^3$ and 1,000 $\mu g/m^3$, respectively; NYSDOH 2006, Soil Vapor/Indoor Air Matrices 1 and 2), were exceeded at all sub-slab vapor locations sampled at both the 161 and 301 properties in 2012.

Indoor Air Samples

Except for one sampling location discussed below, the co-located indoor air samples collected in 2011 and 2012 indicated only low concentrations for three detected compounds for which NYSDOH has established air guideline values (PCE: 100 $\mu g/m^3$, TCE: 5 $\mu g/m^3$, and methylene chloride: 60 $\mu g/m^3$). The indoor air sample concentrations for PCE (2.4 $\mu g/m^3$ to 57 $\mu g/m^3$), TCE (0.49 $\mu g/m^3$ to 3.8 $\mu g/m^3$), and methylene chloride (0.78 $\mu g/m^3$ to 35 $\mu g/m^3$) in these samples remained well below the NYSDOH air guideline values. One indoor air sample collected in 2011 from the southeastern portion of the 161 building (161-E-AMB) was considered compromised because it had been collected in an area where a car and trailer were being painted during or immediately preceding sample collection. Therefore, the significantly elevated concentration of PCE (3,200 $\mu g/m^3$) was considered to be invalid and not reflective of indoor air concentrations

or relatable to potential vapor intrusion. The concentrations of 1,1,1-TCA (0.83 µg/m^3 ND) and TCE (2.6 µg/m^3) in this sample were similar to those of the outdoor sample collected in 2011. Several other volatile compounds without established NYSDOH guideline values were also detected in this sample, including toluene (620 µg/m^3) and isopropyl alcohol (estimated at 100 µg/m^3), both compounds that are associated with painting operations.

In 2012, PCE (3.1 to 57 µg/m^3), TCE (2 to 3.8 µg/m^3), and methylene chloride (2.3 to 35 µg/m^3) were detected in all four indoor air samples collected at the 161 property but all concentrations were below the applicable NYSDOH air guideline values for PCE (100 µg/m^3), TCE (5 µg/m^3), or methylene chloride (60 µg/m^3). As stated above, because of the presence of high PID readings resulting from indoor tire storage inside the warehouse portion, which were anticipated to compromise sample integrity, indoor air samples were not collected inside the 301 building in 2012.

Outdoor Air Samples

In 2011, several VOCs, including PCE (5.9 µg/m^3) and TCE (1.7 µg/m^3), were detected in the outdoor air sample collected at 301 Winding Road. The compound with the highest detection was acetone at 12 µg/m^3, with all other compounds at less than 10 µg/m^3, and no exceedances of NYSDOH guideline values. The 2012 analytical results for the outdoor air sample at 301 Winding Road indicated comparable concentrations for PCE and TCE (each at 3.8 µg/m^3, estimated). Methylene chloride was not detected in the 2011 outdoor air samples, and in 2012, reported at an estimated concentration of 2.0 µg/m^3.

5.0 SUMMARY OF THE REMEDIAL INVESTIGATION

5.1 Field Investigation

The 2011-2012 RI for the Former Aluminum Louvre site was conducted to further delineate the extent of VOC contamination in subsurface soil and the underlying aquifer. The investigation involved the installation of soil borings, soil vapor implants and monitoring wells, and the collection of soil samples, groundwater samples, sub-slab soil vapor samples, and indoor and outdoor ambient air samples. Horizontal and vertical delineation of impacted soil was conducted with three rounds of soil borings; in addition, soil samples were also collected during the installation of the permanent monitoring wells. Groundwater samples were collected from temporary piezometers and from permanent monitoring wells. The groundwater sampling extended to deeper portions of the aquifer than in prior investigations. Soil vapor samples were collected from six newly installed permanent soil vapor points and at co-located indoor air sampling locations to assess the potential for vapor intrusion into the two buildings on site.

5.2 Data Interpretation

5.2.1 Soil

The soil investigation conducted as part of the RI has delineated an area of soil contaminated with chlorinated VOCs, toluene, and xylene that is centered in the northeastern portion of the 301 property. The area of soil contaminated at concentrations above NYSDEC Unrestricted Use SCOs extends to the north beneath the southeastern portion of the 161 building and to the west between the 161 and 301 buildings. Based on the analytical results, site observations, and information from previous reports, it appears that the observed contamination originated at one or more stormwater drywells. Historically, three drywells, DW-7, DW-8, and DW-9, existed in this area. As-builts or other information specific to their construction was not discovered during the RI, except for the depth reported for drywell DW-9 of 14 to 15 feet at the time it was remediated. This depth corresponds to the depth of the observed soil impact, and because TCE was absent from shallow soils, the contamination appears to have been introduced into subsurface soil at a deeper interval such as the bottom of a drywell. The highest contaminant concentrations in soil are centered around drywell DW-7, suggesting that it is the most likely source. Currently DW-7 is just a shallow concrete-bottomed catch basin (about 2 feet deep) but it

possible that the current catch basin structure replaced a regular drywell at some point in the past. The source area soil contamination has been delineated horizontally and vertically.

Soil impacted with PCBs and three pesticides above the applicable Unrestricted Use SCOs was identified at one soil boring at drywell #9, east of the 301 Winding Road building during the first round of soil sampling in 2011. Horizontal and vertical delineation of the impacted area was performed by installation and sampling at additional soil borings in 2012.

5.2.2 Groundwater

Groundwater at the 161 and 301 properties is impacted with chlorinated VOCs above applicable standards, most notably TCE, PCE, DCE, and 1,1,1-TCA. The contamination originates at the soil source area in the northeastern portion of the 301 property and extends from the water table to greater than 125 feet bgs in some areas, both on-site, and off-site. Groundwater flow, as determined during the RI, is generally to the southeast, which is consistent with regional groundwater flow maps; however, shallow (water table) groundwater at the site itself also has an easterly component as shown on Figures 7a and 7d. The easterly component is likely the result of mounding created by the proximity of the Town of Oyster Bay Landfill and a large Nassau County stormwater recharge basin, both of which are across Winding Road to the west and northwest of the site. As shallow groundwater moves off-site to the east, the easterly flow changes to a southerly direction, which is more in line with the flow directions of the intermediate and deep groundwater, as indicated on Figure 7d. Figure 7d is based on water elevation measurements collected in August 2012, and included off-site wells to the east.

Figures depicting the extent of the TCE plume in 2012 (Figures 9 through 11, water table, intermediate, and deep wells, respectively) show that the highest concentration in the water table wells is centered in the soil source area to the east of the 301 building. From here, the contamination extends to the east and southeast, which is consistent with the direction of groundwater flow. With increasing depth and distance from the source area, the plume widens and it's apparent axis takes on a more southerly direction.

During the RI (2011 and 2012), the highest concentrations of TCE in groundwater, (including data from temporary piezometers and permanent monitoring wells) at the site were found at the

water table in the soil source area in the eastern portion of the 301 property, and in the intermediate depth to the east and southeast of the source area, both on- and off-site. The highest off-site concentrations of chlorinated VOCs were discovered on the 303 property to the southeast. In this direction, which reflects groundwater flow, the concentrations of TCE decrease from 300 µg/l for a sample from 95 feet bgs at location 303-TP-E, to 170 µg/l at 95 feet at location 303-TP-SE, and to 47 µg/l in the deep interval (115-125 feet bgs) at well MW-NEMF-2. Another area of high TCE concentrations at some distance from the main source area is in the eastern part of the 161 property, where the highest TCE concentrations were 550 µg/l at 161-TP-E (70 feet bgs), and 220 µg/l at 161-TP-E (125 feet bgs). Further to the east and east-southeast, TCE exceeded the NYSDEC Class GA standard in the intermediate and deep intervals at off-site monitoring wells MW-195-1 and MW-NEMF-3 (90 feet bgs and deeper). These two wells have 1,1,1-TCA at higher concentrations than in the on-site source area wells, indicating that the observed contamination may at least in part be attributable to another source. As noted in Section 4.1.2, a previous investigation reported the historic use of 1,1,1-TCA and other solvents at the 195 Bethpage-Sweethollow Road property, along with the discovery of amber liquid in a dry well, and an illegal cesspool in 1991 (Malcolm Pirnie 2008). During a subsequent investigation conducted in 2009 as part of a larger site characterization study (Malcolm Pirnie 2010), several soil, groundwater and soil vapor samples were collected at the 195 property. The concentrations of the chlorinated VOCs of concern (TCE, PCE, 1,1,1-TCA, and cis-1,2-DCE) did not exceed the applicable NYSDEC standards in soil and groundwater. The soil vapor results indicated the presence of several VOCs at elevated concentrations, with the highest concentration reported in a deep sample collected from near the water table. The results for the 2009 investigation do not indicate a VOC source in soil in the investigated areas of the 195 property; however, it is not known whether any of the 2009 sample locations were placed near the cesspool or the dry well that were observed in 1991. The presence of higher 1,1,1-TCA concentrations in groundwater to the east of the site than on the site itself indicates a contribution of this compound from somewhere other than the site.

To the northwest and west of the site, the concentrations of chlorinated VOCs are mostly non-detect or low. Towards the south, TCE decreases to below the NYSDEC Class GA standard from just south of the site boundary (21 µg/l at 60 feet at location 303-TP-N,) to below the standard

south of the 303 property (1.7 µg/l at MW-NEMF-1). As such, the horizontal and vertical extent of the VOC contamination has been delineated in this direction.

In the area further to the south/southeast of the Former Aluminum Louvre site, a deep (189-199 feet bgs) upgradient well at the Claremont Polychemical Superfund site had TCE at a concentration of 690 µg/l in early 2011. Off-site Aluminum Louvre monitoring wells MW-NEMF-1 and MW-NEMF-2 closest to the upgradient Claremont well had TCE concentrations of non-detect and 5.8 µg/l, respectively, at a depth of 115-125 feet in June 2012, and concentrations of non-detect and 47 µg/l, respectively, in August 2012. Although the possibility exists that groundwater contamination from the Aluminum Louvre site has reached the Claremont site based on groundwater flow direction developed using the Aluminum Louvre wells, the most recent data is inconclusive, partially because of the difference in the depths between the off-site monitoring wells installed during the RI and the well of the upgradient Claremont well.

5.2.3 Soil Vapor and Ambient Air

Several VOCs were detected in the samples collected at the six sub-slab vapor points installed during the RI. The results indicate the presence of high concentrations of TCE and PCE in sub-slab soil vapor beneath both buildings at the site, along with lower concentrations of 1,1,1-TCA, methylene chloride, and other compounds. The soil vapor results were significantly higher (up to three orders of magnitude) during the second round of sampling conducted in 2012. The reason or reasons for the increase were not readily apparent. The ranges for the three major detected compounds were as follows:

161 Bethpage-Sweethollow Road		301 Winding Road	
1,1,1-TCA	ND - 560 µg/m^3	1,1,1-TCA	ND - 440 µg/m^3
PCE	1.4 – 3,000 µg/m^3	PCE	2 – 8,300 µg/m^3
TCE	0.98 – 9,500 µg/m^3	TCE	1.4 – 23,000 µg/m^3

The soil vapor concentrations for the compounds reflect their presence in soil and groundwater at the two properties. The concentrations for TCE and PCE in sub-slab soil vapor for which NYSDOH recommends mitigation to minimize current or potential exposure, regardless of indoor air concentrations, are 250 µg/m^3 for TCE and 1,000 µg/m^3 for PCE (NYSDOH 2006,

Soil Vapor/Indoor Air Matrices 1 and 2). These concentrations were exceeded at all sub-slab vapor locations sampled at both the 161 and 301 properties in 2012.

The indoor air samples that were collected inside the two buildings during the RI (at points co-located with the soil vapor points) indicated concentrations for PCE (2.4 $\mu g/m^3$ to 57 $\mu g/m^3$), TCE (0.49 $\mu g/m^3$ to 3.8 $\mu g/m^3$), and methylene chloride (0.78 $\mu g/m^3$ to 35 $\mu g/m^3$), below the applicable NYSDOH air guideline values (PCE: 100 $\mu g/m^3$, TCE: 5 $\mu g/m^3$, and methylene chloride: 60 $\mu g/m^3$). NYSDOH has not established an air guideline value for 1,1,1-TCA.

Two outdoor air samples were collected during the RI in the northeast portion of the 301 property. Several VOCs, including PCE (5.9 $\mu g/m^3$), TCE (1.7 $\mu g/m^3$), acetone (12 $\mu g/m^3$), and other compounds (all at less than 10 $\mu g/m^3$) were detected in 2011. The 2012 analytical results indicated comparable concentrations for PCE and TCE (each at 3.8 $\mu g/m^3$), and methylene chloride (not detected in the 2011 outdoor air sample) at 2.0 $\mu g/m^3$. All concentrations were below the applicable NYSDOH air guideline values.

5.3 Qualitative Human Health Exposure Assessment

The purpose of a Qualitative Human Health Exposure Assessment is to evaluate and document how people might be exposed to site-related contaminants, and to identify and characterize the potentially exposed population(s) now and under the reasonably anticipated future use of the site. To evaluate if an exposure pathway exists, the exposure assessment must assess the quality, representativeness and adequacy of the available data. In addition, the qualitative exposure assessment must consider the nature of populations currently exposed or that have the potential to be exposed to site related contaminants both on- and off-site, and must describe the reasonably anticipated future land use of the site and affected off-site areas.

The exposure assessment evaluates five elements associated with exposure pathways, and describes how each of these elements pertains to the site:

1. Description of the contaminant source(s). Contamination of all on-site media (soil, groundwater, soil vapor) appears to originate at the northeast corner of the 301 property. Given that soil contamination is not found shallower than 14 feet below ground surface, it

is most likely that the contamination originated from stormwater drywell discharges at the rear of the 301 property.

2. Contaminant release and transport mechanisms to the exposed population. The soil contamination that apparently has resulted from stormwater drywell discharges has impacted underlying groundwater and has resulted in contaminated soil vapor that has migrated beneath nearby occupied buildings.
3. Potential exposure point(s) where actual or potential human contact with a contaminated medium may occur. Contact with contaminated soil vapor could occur if subslab soil vapor migrates through cracks or other foundation openings into the occupied on-site buildings. Long- and short-term building occupants, including tenants, business clients, and visitors could potentially inhale site-related contaminants in indoor air as a result of soil vapor intrusion. Contact with contaminated soil is very unlikely for on-site commercial workers as the area of soil contamination is covered by pavement and buildings and is a minimum of 14 feet below ground. For construction workers, contact with contaminated soil is also unlikely since the contamination is found at depth (14 ft or greater), however, it is possible if work involves very deep excavations. Construction workers would come into contact with contaminated soil vapor. Groundwater is too deep (greater than 50 ft below ground) for direct contact to occur; and there are no potable supply wells within the impacted groundwater area.
4. Route(s) of exposure (ingestion, inhalation, dermal absorption). Inhalation of contaminated soil vapor by building occupants (i.e., tenants, business clients, and visitors) and to a lesser extent by construction workers is the primary route of exposure. Ingestion and dermal absorption of soil and/or groundwater are unlikely for the reasons discussed in #3 above.
5. Characterization of the receptor populations who may be exposed to contaminants at a point of exposure. The area surrounding the Aluminum Louvre site is zoned for industrial use and there are no nearby residential areas. The primary population exposed to contaminants from the Aluminum Louvre site is commercial and industrial workers, other types of tenants, business clients, and visitors in on-site and proximate off-site buildings.

Summary of Environmental Media and Transport Mechanisms

Soil

The contaminated soil at the site that was identified during the RI and previous investigations is located underneath pavement and building slabs and generally occurs at depths greater than approximately 14-15 feet bgs. As such, the potential for direct contact with contaminated soil that could lead to ingestion, inhalation, or dermal contact is considered minimal for regular site workers and visitors. Construction workers could potentially be exposed during excavating, utility work and other sub-surface work in the area of contamination.

Groundwater

Groundwater in the area of the site is not utilized as a potable water supply. According to reviewed sources, the nearest public water supply wells are approximately 0.4 miles to the northwest, 1 mile to the northeast (both upgradient) (Figure 1), and 1.75 miles to the south (CDM 2008, Malcolm Pirnie 2010). One active irrigation well for the Bethpage Golf Course is approximately 0.95 miles to the southwest, which is not in the direction of groundwater flow (groundwater flow at and in the immediate vicinity of the site appears to be to the southeast). Two additional irrigation wells at Bethpage State Park located south of the Nassau County Firemen's Training Center, were closed in 1981after VOC contamination was discovered. Recovery wells for three groundwater treatment systems (Claremont Polychemical, Town of Oyster Bay Landfill, and Nassau County Firemen's Training Center sites) are located between the site and the municipal supply wells to the south. Groundwater use at the site has been restricted through deed restrictions for both properties that comprise the site. Since the area surrounding the site is commercial/industrial, the only identifiable exposure pathway for groundwater would be the use of groundwater for industrial purposes at off-site properties to the east and south.

Vapor Intrusion

The most significant potential exposure pathway is the infiltration of vapor-phase chlorinated VOCs from contaminated groundwater and soil into overlying structures at the site. The soil vapor sampling program was conducted to address this potential

pathway at the two buildings at 161 Bethpage-Sweethollow Road and 301 Winding Road. The analytical results indicate the presence of high concentrations of TCE and PCE in sub-slab vapor beneath both buildings at the site, along with lower concentrations of 1,1,1-TCA, methylene chloride, and other compounds.

New York State does not currently have any standards, criteria, or guidance values for subsurface vapors; however, NYSDOH has established concentrations for which it recommends mitigation to minimize current or potential exposure, regardless of indoor air concentrations (250 $\mu g/m^3$ for TCE and 1,000 $\mu g/m^3$ for PCE; NYSDOH 2006, Soil Vapor/Indoor Air Matrices 1 and 2, see Tables 33 and 34). These concentrations were exceeded at all sub-slab vapor locations sampled at both the 161 and 301 properties in 2012.

Indoor air samples that were collected inside the two buildings during the RI (at points co-located with the soil vapor points) indicated concentrations for PCE, TCE, and methylene chloride below the applicable NYSDOH air guideline values.

Summary Qualitative Human Health Exposure Assessment Table

Environmental Media & Exposure Route	**Human Exposure Assessment**
Direct contact with surface soils (and incidental ingestion)	No surface soil contamination has been identified
Direct contact with subsurface soils (and incidental ingestion)	People are not coming into contact because contaminated subsurface soils are covered with pavement and building foundations and contaminated soil is at least 10 ft bgs. People can come into contact if they complete ground-intrusive work or utility work at the site that requires excavation to 10 ft bgs.
Ingestion of groundwater	Contaminated groundwater is not being used for drinking water, as the area is served by the public water supply. There are no known potable or irrigation water supply wells in the area of groundwater contamination. Groundwater use at the site has already been deed restricted so private wells would not be installed on the property.
Direct contact with groundwater	Groundwater is greater than 50 feet bgs, so direct contact during ground-intrusive work is unlikely.
Inhalation of air (exposures related to soil vapor intrusion)	Exposures to contaminated soil vapor may occur if soil vapor migrates through cracks or other openings in the building floor or foundation. A soil vapor intrusion evaluation was conducted as part of the RI. Concentrations of PCE, TCE, and methylene chloride were below the applicable NYSDOH air guideline values in indoor air samples with the exception of one location where PCE had been used indoors. Periodic monitoring of indoor air quality should be conducted to make certain air guideline value concentrations are not exceeded or mitigation systems should be installed.

5.4 Fish and Wildlife Resources Impact Analysis

The source of contaminated media at the site is a former discharge to subgrade stormwater drywell(s) that cannot reach surface water. The RI data shows that the contamination is located at depth and the area is almost exclusively paved or covered with buildings. While contaminated groundwater has migrated offsite, given its depth (greater than 50 feet below ground), it does not have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource. Based on two conditions described above (contamination is a result of a discharge, and it does not have the potential to migrate to, erode or otherwise impact resources), according to Appendix 3C of DER 10, this eliminates the need to perform a Fish and Wildlife Resources Impact Analysis.

5.5 Remedial Action Objectives

Remedial Action Objectives (RAOs) are developed for a site to determine the levels to what site specific concerns must be addressed to protect human health and the environment. The RAOs for the Former Aluminum Louvre site are presented below and further discussed in the Feasibility Study report.

Groundwater RAOs for Public Health Protection

1. Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
2. Prevent contact with, or inhalation of volatiles, from contaminated groundwater.

Groundwater RAOs for Environmental Protection

1. Restore groundwater to pre-disposal/pre-release conditions, to the extent practicable.
2. Remove the source of groundwater contamination.

Soil RAOs for Public Health Protection

1. Prevent ingestion/direct contact with contaminated soil.
2. Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

Soil RAOs for Environmental Protection

1. Prevent migration of contaminants that would result in groundwater contamination.

Soil Vapor RAOs for Public Health Protection

1. Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

6.0 CONCLUSIONS

In 1996, drywell #9 at 301 Winding Road contained over one percent TCE in the bottom sediments prior to remediation. The remediation appears to have been successful based on the results of the post-excavation soil sample collected after drywell #9 was remediated, the bottom sediment sample collected by HDR in 2012, and the soil samples from the numerous borings installed around this drywell during the 2011-2012 RI. However, it is unlikely that drywell #9 was the only drywell at the east side of 301 Winding Road that received contaminated stormwater run-off. Soil data developed during this RI indicate the highest concentrations of TCE in soil are surrounding drywell #7. This structure is currently a solid-bottomed catch basin that discharges via subsurface piping to drywell #8; however, it is not known if it was always a catch basin or if it was formerly an open bottom drywell similar to drywell #9. It is also possible that the structure is compromised by cracks or other openings that could allow stormwater to infiltrate directly through the bottom. Because soil contamination is limited to depths equivalent to the bottom depths of the drywells, it appears they are the most likely source of the on-site soil contamination. A silty clay layer which is also found at this depth is a likely horizontal conduit for the contamination to have radiated outward from the drywells once in the subsurface. Soil contamination with chlorinated solvents has been delineated both horizontally and vertically at the source area behind 301 Winding Road.

The groundwater data also support the conclusion that the source area is at the east side of 301 Winding Road. The highest concentrations of chlorinated solvents in groundwater are found in this area at the water table. Moving downgradient from the source area in an east to southeast direction, the concentrations of chlorinated solvents increase with depth and distance, and

decrease at the water table. Groundwater to the south is delineated to the NYSDEC Class GA standards. Downgradient to the east and southeast, concentrations of chlorinated solvents are above standards; however, certain compounds such as 1,1,1-TCA are higher here than in the source area and are likely the result of an off-site source contributing to the plume.

The soil vapor sampling program conducted during the RI was completed in two phases and included the collection of sub-slab soil vapor samples, co-located indoor (ambient) air samples collected at the same time as the subslab vapor samples, and outdoor air samples. Four sub-slab soil vapor implants were installed at the 161 Bethpage-Sweethollow Road building, and two at the 301 Winding Road building. The sub-slab soil vapor implants were installed near areas of potential concern related to former operations at the two buildings, or near areas of elevated concentrations of VOCs in soil. The soil vapor points were sampled twice. During the first sampling round in 2011, indoor air samples were collected inside both the 161 and 301 buildings. The indoor air samples collected at the 161 building were considered to be compromised because of painting operations near one of the sampling points, and because an overhead garage door had become stuck in the open position. In 2012, indoor air samples were collected only at the 161 building. At the time, a portion of the 301 building was used to store tires, which resulted in elevated organic vapor readings that were expected to severely compromise any indoor air samples, and a decision was made not to collect indoor air samples. One outdoor air sample was also collected during each of the two rounds of sampling.

Generally, the concentrations in the sub-slab samples were considerably higher in 2012 than in 2011. The reason or reasons for the significantly higher concentrations in 2012 are not readily apparent. Potentially contributing factors include meteorological conditions. The 2011 samples were collected during harsh winter conditions with a foot or more of snow on the ground. 2012 was an unusually mild winter. Despite both rounds occurring during the heating season, it is possible that differences in operation of the buildings' heating systems between 2011 and 2012 resulted in the wide range of results.

The concentrations for TCE and PCE in sub-slab soil vapor for which NYSDOH recommends mitigation to minimize current or potential exposure, regardless of indoor air concentrations (250

$\mu g/m^3$ and 1,000 $\mu g/m^3$), were exceeded at all sub-slab vapor locations sampled at both the 161 and 301 properties in 2012. The concentrations for TCE ranged from 460 $\mu g/m^3$ to 23,000 $\mu g/m^3$, and those for PCE ranged from 1,100 $\mu g/m^3$ to 8,300 $\mu g/m^3$.

Except for one sample from the 161 building collected in 2011 that was compromised by nearby painting operations, the co-located indoor air samples collected in 2011 and 2012 indicated only low concentrations for the three detected compounds for which NYSDOH has established air guideline values. The ranges for the concentrations for PCE (2.4 $\mu g/m^3$ to 57 $\mu g/m^3$), TCE (0.49 $\mu g/m^3$ to 3.8 $\mu g/m^3$), and methylene chloride (0.78 $\mu g/m^3$ to 35 $\mu g/m^3$) in these samples remained well below the NYSDOH air guideline values (PCE: 100 $\mu g/m^3$, TCE: 5 $\mu g/m^3$, and methylene chloride: 60 $\mu g/m^3$).

In the outdoor air samples, collected at 301 Winding Road in both 2011 and 2012, several VOCs, including PCE (3.8 to 5.9 $\mu g/m^3$) and TCE (1.7 $\mu g/m^3$ to 3.8 $\mu g/m^3$), were also detected. None of the detected compounds exceeded established NYSDOH guideline values.

The concentrations of TCE, PCE, and DCE in shallow off-site groundwater (approximately 65 feet bgs) exceeded their respective NYSDEC Class GA standards in areas to the south, southeast, and east of the site. As such, off-site groundwater is considered a source for elevated soil vapor concentrations, creating the potential for vapor intrusion for structures above the off-site groundwater plume. Based on the data collected during the RI and the interpolation of these results, shallow groundwater with TCE concentrations above the NYSDEC Class GA standard appears to extend onto the following properties:

- 175 Bethpage-Sweethollow Road;
- 185 Bethpage-Sweethollow Road;
- 191 Bethpage-Sweethollow Road;
- 195 Bethpage-Sweethollow Road; and
- 303 Winding Road.

Because of the lack of information for the sidegradient areas of the plume, it cannot be determined at this time whether the plume also extends to the 311 Winding Road and 205 Bethpage-Sweethollow Road properties.

A vapor intrusion investigation should be conducted for structures above the off-site groundwater plume. The properties/structures to be included in the initial phase of this off-site vapor intrusion investigation should be determined based on the currently known extent of the off-site groundwater plume. Depending on the results of the delineation of the off-site groundwater plume, additional properties and structures may have to be included in the off-site vapor intrusion investigation.

7.0 CERTIFICATION

I, Peter M. McGroddy, certify that I am currently a NYS registered professional engineer and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.



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Peter M. McGroddy, P.E.

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Detected Constituents	Concentration Range Detected (ug/kg)		URUSCO/ POGWSCO (ug/kg)	Frequency Exceeding URUSCO and POGW SCOs/ Total # of Samples	Concentration Range Detected (ug/kg)		Commercial SCO (ug/kg)	Exceeding Commercial SCOs/Total # of Samples
Trichloroethene	ND	1000000	470	13/114	ND	1000000	200000	5/114
Tetrachloroethene	ND	13000	1300	9/114	ND	13000	150000	0/114
Toluene	ND	4200	700	7/114	ND	4200	500000	0/114
cis-1,2-Dichloroethene	ND	1000	250	4/114	ND	1000	500000	0/114
Acetone	ND	66	50	3/114	ND	66	500000	0/114
m,p-Xylene	ND	1400	260/1600	3/114; 0/114	ND	1400	500000	0/114
Xylene (Total)	ND	1800	260/1600	3/114; 0/114	ND	1800	500000	0/114
1,1,1-Trichloroethane	ND	3000	680	1/114	ND	3000	500000	0/114
o-Xylene	ND	390	260/1600	1/114; 0/114	ND	390	500000	0/114
1,2,4-Trimethylbenzene	ND	350	3600	0/114	ND	350	190000	0/114
1,2-Dichlorobenzene	ND	360	1100	0/114	ND	360	500000	0/114
1,3,5-Trimethylbenzene	ND	150	8400	0/114	ND	150	190000	0/114
2-Butanone	ND	10	120	0/114	ND	10	500000	0/114
2-Hexanone	ND	1.4	NA	0/114	ND	1.4	NA	0/114
Carbon disulfide	ND	2.7	NA	0/114	ND	2.7	NA	0/114
Chloroform	ND	93	370	0/114	ND	93	350000	0/114
Ethylbenzene	ND	320	1000	0/114	ND	320	390000	0/114
Methylene chloride	ND	6	50	0/114	ND	6	500000	0/114
Naphthalene	ND	3.7	12000	0/114	ND	3.7	500000	0/114
n-Propylbenzene	ND	71	3900	0/114	ND	71	500000	0/114
Styrene	ND	150	NA	0/114	ND	150	NA	0/114

Criteria: 6NYCRR Part 375 Soil Cleanup Objectives. URUSCO - unrestricted use soil cleanup objectives. POGWSCO - protection of groundwater soil cleanup objectives.

Commercial SCO - commercial soil cleanup objectives. POGW and URU SCOs are the same for all VOCs listed above except for the xylenes.

ND - not detected. NA - not applicable.

Detected Constituents	Concentration Range Detected (ug/kg)		URUSCO/ POGWSCO (ug/kg)	Frequency Exceeding URUSCO and POGW SCOs/ Total # of Samples	Concentration Range Detected (ug/kg)		Commercial SCO (ug/kg)	Frequency Exceeding Commercial SCOs/Total # of Samples
Bis(2-ethylhexyl)phthalate	ND	220	NA/NA	0/10; 0/10	ND	220	NA	0/10
Di-n-butylphthalate	ND	45	NA/NA	0/10; 0/10	ND	45	NA	0/10

Criteria: 6NYCRR Part 375 Soil Cleanup Objectives. URUSCO - unrestricted use soil cleanup objectives. POGWSCO - protection of groundwater soil cleanup objectives.

Commercial SCO - commercial soil cleanup objectives.

ND - not detected. NA - not applicable.

Detected Constituents	Concentration Range Detected (ug/kg)		URUSCO/ POGWSCO (ug/kg)	Frequency Exceeding URUSCO and POGW SCOs/ Total # of	Concentration Range Detected (ug/kg)		Commercial SCO (ug/kg)	Frequency Exceeding Commercial SCOs/Total # of Samples
4,4´-DDD	ND	55	3.3/14000	1/20; 0/20	ND	55	92000	0/20
4,4´-DDE	ND	52	3.3/17000	1/20; 0/20	ND	52	62000	0/20
4,4´-DDT	ND	120	3.3/136000	1/20; 0/20	ND	120	47000	0/20
Dieldrin	ND	38	5/100	1/20; 0/20	ND	38	1400	0/20
alpha-Chlordane	ND	2.1	94/2900	0/20; 0/20	ND	2.1	24000	0/20
delta-BHC	ND	5.4	40/250	0/20; 0/20	ND	5.4	500000	0/20
Heptachlor epoxide	ND	46	NA	0/20; 0/20	ND	46	NA	0/20
Methoxychlor	ND	38	NA	0/20; 0/20	ND	38	NA	0/20

Criteria: 6NYCRR Part 375 Soil Cleanup Objectives. URUSCO - unrestricted use soil cleanup objectives. POGWSCO - protection of groundwater soil cleanup objectives.

Commercial SCO - commercial soil cleanup objectives.

ND - not detected. NA - not applicable.

Detected Constituents	Concentration Range Detected (ug/kg)		URUSCO/ POGWSCO (ug/kg)	Frequency Exceeding URUSCO and POGW SCOs/ Total # of Samples	Concentration Range Detected (ug/kg)		Commercial SCO (ug/kg)	Frequency Exceeding Commercial SCOs/Total # of Samples
Aroclor-1254	ND	1600	100/3200	1/20; 0/20	ND	1600	1000	1/20
Aroclor-1242	ND	59	100/3200	0/20; 0/20	ND	59	1000	0/20

Criteria: 6NYCRR Part 375 Soil Cleanup Objectives. URUSCO - unrestricted use soil cleanup objectives. POGWSCO - protection of groundwater soil cleanup objectives.

Commercial SCO - commercial soil cleanup objectives.

ND - not detected. NA - not applicable.

Detected Constituents	Concentration Range Detected (ug/L)		Standard or Criteria (ug/L)	Frequency Exceeding Standard/Total # of Samples
Trichloroethene	ND	2500	5	65/124
cis-1,2-Dichloroethene	ND	110	5	20/124
Tetrachloroethene	ND	39	5	15/124
1,1,1-Trichloroethane	ND	57	5	13/124
1,1,2-Trichloroethane	ND	2.9	1	7/124
1,1-Dichloroethene	ND	42	5	6/124
1,1-Dichloroethane	ND	8.8	5	5/124
Acetone	ND	160	50	4/124
Benzene	ND	1.9	1	2/124
Methyl tert-butyl ether	ND	23	10	2/124
1,2,3-Trichloropropane	ND	21	0.04	1/124
1,1,1,2-Tetrachloroethane	ND	0.57	5	0/124
2-Butanone	ND	11	50	0/124
Carbon disulfide	ND	4.1	60	0/124
Chloroform	ND	0.89	7	0/124
Chloromethane	ND	1.1	5	0/124
Methylene chloride	ND	1.5	5	0/124
Naphthalene	ND	1.2	10	0/124
Toluene	ND	1.2	5	0/124
Xylene (Total)	ND	0.51	5	0/124

Criteria: Part 703: Surface Water and Groundwater Quality Standards (Class GA). ND - not detected.

Detected Constituents	Concentration Range Detected (ug/L)		Standard or Criteria (ug/L)	Frequency Exceeding Standard/Total # of Samples
Bis(2-ethylhexyl)phthalate	ND	3	5	0/6
Di-n-butylphthalate	ND	2.4	50	0/6
Criteria: Part 703: Surface Water and Groundwater Quality Standards (Class GA). ND - not detected.				

Detected Constituents	Concentration Range Detected (ug/m^3)		Standard or Criteria (ug/m^3)	Frequency Exceeding Standard/Total # of Samples
Tetrachloroethene	ND	8300	NA	0/13
1,1,1-Trichloroethane	ND	560	NA	0/13
1,1,2,2-Tetrachloroethane	ND	1	NA	0/13
1,1,2-Trichloroethane	ND	22	NA	0/13
1,1-Dichloroethane	ND	0.91	NA	0/13
1,1-Dichloroethene	ND	13	NA	0/13
1,2,4-Trichlorobenzene	ND	1.1	NA	0/13
1,2,4-Trimethylbenzene	ND	28	NA	0/13
1,2-Dibromoethane	ND	1.2	NA	0/13
1,2-Dichlorobenzene	ND	0.92	NA	0/13
1,2-Dichloroethane	ND	0.62	NA	0/13
1,2-Dichloropropane	ND	0.7	NA	0/13
1,2-Dichlorotetrafluoroethane	ND	1.1	NA	0/13
1,3,5-Trimethylbenzene	ND	8	NA	0/13
1,3-Butadiene	ND	0.34	NA	0/13
1,3-Dichlorobenzene	ND	0.92	NA	0/13
1,4-Dichlorobenzene	ND	0.92	NA	0/13
1,4-Dioxane	ND	43	NA	0/13
2,2,4-Trimethylpentane	0.62	96	NA	0/13
2-Butanone	ND	34	NA	0/13
2-Hexanone	ND	1.2	NA	0/13
4-Ethyltoluene	ND	8	NA	0/13
4-Methyl-2-pentanone	ND	44000	NA	0/13
Acetone	3.5	470	NA	0/13
Allyl chloride	ND	0.48	NA	0/13
Benzene	0.94	20	NA	0/13
Benzyl chloride	ND	0.88	NA	0/13
Bromodichloromethane	ND	1	NA	0/13
Bromoethene	ND	0.67	NA	0/13
Bromoform	ND	1.6	NA	0/13
Bromomethane	ND	0.59	NA	0/13

Detected Constituents	Concentration Range Detected (ug/m^3)		Standard or Criteria (ug/m^3)	Frequency Exceeding Standard/Total # of Samples
Carbon disulfide	ND	2.8	NA	0/13
Carbon tetrachloride	ND	0.96	NA	0/13
Chlorobenzene	ND	0.7	NA	0/13
Chloroethane	ND	0.4	NA	0/13
Chloroform	ND	640	NA	0/13
Chloromethane	ND	1.3	NA	0/13
cis-1,2-Dichloroethene	ND	29	NA	0/13
cis-1,3-Dichloropropene	ND	0.69	NA	0/13
Cyclohexane	ND	17	NA	0/13
Dibromochloromethane	ND	1.3	NA	0/13
Dichlorodifluoromethane	ND	8.2	NA	0/13
Ethyl acetate	ND	0.92	NA	0/13
Ethylbenzene	ND	360	NA	0/13
Hexachlorobutadiene	ND	1.6	NA	0/13
Isopropanol	ND	29	NA	0/13
m,p-Xylene	1.3	1200	NA	0/13
Methyl tert-butyl ether	ND	0.59	NA	0/13
Methylene chloride	ND	15	NA	0/13
n-Heptane	ND	16	NA	0/13
n-Hexane	ND	29	NA	0/13
o-Xylene	ND	610	NA	0/13
Propylene	ND	0.26	NA	0/13
Styrene	ND	10	NA	0/13
Tetrahydrofuran	ND	0.45	NA	0/13
Toluene	2.3	590	NA	0/13
trans-1,2-Dichloroethene	ND	1.9	NA	0/13
trans-1,3-Dichloropropene	ND	0.69	NA	0/13

Detected Constituents	Concentration Range Detected (ug/m^3)		Standard or Criteria (ug/m^3)	Frequency Exceeding Standard/Total # of Samples
Trichloroethene	ND	23000	NA	0/13
Trichlorofluoromethane	1.6	54	NA	0/13
Trichlorotrifluoromethane	ND	10	NA	0/13
Vinyl acetate	ND	0.54	NA	0/13
Vinyl chloride	ND	0.39	NA	0/13

Criteria: No criteria are available for subslab soil vapor.
ND - not detected. NA - not available.

Detected Constituents	Concentration Range Detected (ug/m^3)		Indoor Air Guideline Value (ug/m^3)	Frequency Exceeding Standard/Total # of Samples
Tetrachloroethene	2.4	3200	100	1/8
1,1,1-Trichloroethane	ND	0.83	NA	0/8
1,1,2,2-Tetrachloroethane	ND	1	NA	0/8
1,1,2-Trichloroethane	ND	0.83	NA	0/8
1,1-Dichloroethane	ND	0.62	NA	0/8
1,1-Dichloroethene	ND	0.6	NA	0/8
1,2,4-Trichlorobenzene	ND	1.1	NA	0/8
1,2,4-Trimethylbenzene	0.75	16	NA	0/8
1,2-Dibromoethane	ND	1.2	NA	0/8
1,2-Dichlorobenzene	ND	0.92	NA	0/8
1,2-Dichloroethane	ND	0.62	NA	0/8
1,2-Dichloropropane	ND	0.7	NA	0/8
1,2-Dichlorotetrafluoroethane	ND	1.1	NA	0/8
1,3,5-Trimethylbenzene	ND	9.9	NA	0/8
1,3-Butadiene	ND	0.34	NA	0/8
1,3-Dichlorobenzene	ND	0.92	NA	0/8
1,4-Dichlorobenzene	ND	0.92	NA	0/8
1,4-Dioxane	ND	1.1	NA	0/8
2,2,4-Trimethylpentane	0.71	100	NA	0/8
2-Butanone	ND	31	NA	0/8
2-Hexanone	ND	1.2	NA	0/8
4-Ethyltoluene	ND	10	NA	0/8
4-Methyl-2-pentanone	ND	13	NA	0/8
Acetone	ND	91	NA	0/8
Allyl chloride	ND	0.48	NA	0/8
Benzene	1.1	28	NA	0/8
Benzyl chloride	ND	0.88	NA	0/8
Bromodichloromethane	ND	1	NA	0/8
Bromoethene	ND	0.67	NA	0/8
Bromoform	ND	1.6	NA	0/8
Bromomethane	ND	0.59	NA	0/8

Detected Constituents	Concentration Range Detected (ug/m^3)		Indoor Air Guideline Value (ug/m^3)	Frequency Exceeding Standard/Total # of Samples
Carbon disulfide	ND	0.47	NA	0/8
Carbon tetrachloride	0.26	0.83	NA	0/8
Chlorobenzene	ND	0.7	NA	0/8
Chloroethane	ND	0.4	NA	0/8
Chloroform	ND	0.74	NA	0/8
Chloromethane	ND	1.4	NA	0/8
cis-1,2-Dichloroethene	ND	0.6	NA	0/8
cis-1,3-Dichloropropene	ND	0.69	NA	0/8
Cyclohexane	ND	10	NA	0/8
Dibromochloromethane	ND	1.3	NA	0/8
Dichlorodifluoromethane	ND	3.9	NA	0/8
Ethyl acetate	ND	0.92	NA	0/8
Ethylbenzene	0.66	17	NA	0/8
Hexachlorobutadiene	ND	1.6	NA	0/8
Isopropanol	ND	170	NA	0/8
m,p-Xylene	1.3	57	NA	0/8
Methyl tert-butyl ether	ND	0.55	NA	0/8
Methylene chloride	ND	35	60	0/8
n-Heptane	ND	23	NA	0/8
n-Hexane	ND	32	NA	0/8
o-Xylene	0.66	20	NA	0/8
Propylene	ND	0.26	NA	0/8
Styrene	ND	1.2	NA	0/8
Tetrahydrofuran	ND	0.45	NA	0/8
Toluene	3.8	620	NA	0/8
trans-1,2-Dichloroethene	ND	0.6	NA	0/8
trans-1,3-Dichloropropene	ND	0.69	NA	0/8

Detected Constituents	Concentration Range Detected (ug/m^3)		Indoor Air Guideline Value (ug/m^3)	Frequency Exceeding Standard/Total # of Samples
Trichloroethene	0.49	3.8	5	0/8
Trichlorofluoromethane	1.5	28	NA	0/8
Trichlorotrifluoromethane	ND	1.2	NA	0/8
Vinyl acetate	ND	0.54	NA	0/8
Vinyl chloride	ND	0.1	NA	0/8

Criteria: NYS Dept. of Health indoor air guideline values. Applies to indoor/ambient air samples only.
ND - not detected. NA - not available.

Sample Location				161-CP1	301-2E	301-2W	301-8
Sample Name				161-CP1-14	301-2E-11_5	301-2W-12_5	301-8-7_5
Sample Date				1/11/2011	1/11/2011	1/11/2011	1/11/2011
Sample Depth				14	11.5	12.5	7.5
AKA (name on lab data)				161-CP1(14.0')	301-2E(11.5')	301-2W(12.5')	301-8(7.5')
Laboratory ID	Soil Cleanup Criteria			K0039-06	K0039-01	K0039-03	K0039-08
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,1,1-Trichloroethane	680	500000	680	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,1,2-Trichloroethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,1-Dichloroethane	270	240000	270	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,1-Dichloroethene	330	500000	330	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,1-Dichloropropene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,2,3-Trichloropropane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,2-Dibromoethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,2-Dichlorobenzene	1100	500000	1100	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,2-Dichloroethane	20	30000	20	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,2-Dichloropropane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,3-Dichlorobenzene	2400	280000	2400	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,3-Dichloropropane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,4-Dichlorobenzene	1800	130000	1800	5.3 ND	5.7 ND	5.4 ND	5.6 ND
1,4-Dioxane	100	130000	100	110 ND	110 ND	110 ND	110 ND
2,2-Dichloropropane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
2-Butanone	120	500000	120	5.3 ND	5.7 ND	5.4 ND	5.6 ND
2-Chlorotoluene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
2-Hexanone	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
4-Chlorotoluene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
4-Isopropyltoluene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND

Sample Location				161-CP1	301-2E	301-2W	301-8
Sample Name				161-CP1-14	301-2E-11_5	301-2W-12_5	301-8-7_5
Sample Date				1/11/2011	1/11/2011	1/11/2011	1/11/2011
Sample Depth				14	11.5	12.5	7.5
AKA (name on lab data)				161-CP1(14.0')	301-2E(11.5')	301-2W(12.5')	301-8(7.5')
Laboratory ID	Soil Cleanup Criteria			K0039-06	K0039-01	K0039-03	K0039-08
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Acetone	50	500000	50	2.3 J	5 J	5.4 ND	2.8 J
Benzene	60	44000	60	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Bromobenzene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Bromochloromethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Bromodichloromethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Bromoform	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Bromomethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Carbon disulfide	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Carbon tetrachloride	760	22000	760	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Chlorobenzene	1100	500000	1100	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Chloroethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Chloroform	370	350000	370	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Chloromethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
cis-1,2-Dichloroethene	250	500000	250	5.3 ND	5.7 ND	5.4 ND	5.6 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Dibromochloromethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Dibromomethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Dichlorodifluoromethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Ethylbenzene	1000	390000	1000	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Hexachlorobutadiene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Iodomethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Isopropylbenzene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
m,p-Xylene	1600	500000	260	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Methyl tert-butyl ether	930	500000	930	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Methylene chloride	50	500000	50	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Naphthalene	12000	500000	12000	5.3 ND	5.7 ND	5.4 ND	5.6 ND

Sample Location				161-CP1	301-2E	301-2W	301-8
Sample Name				161-CP1-14	301-2E-11_5	301-2W-12_5	301-8-7_5
Sample Date				1/11/2011	1/11/2011	1/11/2011	1/11/2011
Sample Depth				14	11.5	12.5	7.5
AKA (name on lab data)				161-CP1(14.0')	301-2E(11.5')	301-2W(12.5')	301-8(7.5')
Laboratory ID	Soil Cleanup Criteria			K0039-06	K0039-01	K0039-03	K0039-08
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	5.3 ND	5.7 ND	5.4 ND	5.6 ND
n-Propylbenzene	3900	500000	3900	5.3 ND	5.7 ND	5.4 ND	5.6 ND
o-Xylene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Tetrachloroethene	1300	150000	1300	5.3 ND	5.7 ND	5.4 ND	5.6 ND
sec-Butylbenzene	11000	500000	11000	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Styrene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Trichloroethene	470	200000	470	5.3 ND	5.7 ND	5.4 ND	5.6 ND
tert-Butylbenzene	5900	500000	5900	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Toluene	700	500000	700	5.3 ND	5.7 ND	5.4 ND	5.6 ND
trans-1,2-Dichloroethene	190	500000	190	5.3 ND	5.7 ND	5.4 ND	5.6 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Trichlorofluoromethane	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Vinyl acetate	NA	NA	NA	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Vinyl chloride	20	13000	20	5.3 ND	5.7 ND	5.4 ND	5.6 ND
Xylene (Total)	1600	500000	260	5.3 ND	5.7 ND	5.4 ND	5.6 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				301-CP1	301-7	161-CP2	161-CP2
Sample Name				301-CP1-10_5	301-7-11	161-CP2-5_5	161-CP2-64_5
Sample Date				1/11/2011	1/12/2011	1/13/2011	1/13/2011
Sample Depth				10.5	11	5.5	64.5
AKA (name on lab data)				301-CP1(10.5')	301-7(11')	161-CP2(5.5')	161-CP2(64.5')
Laboratory ID	Soil Cleanup Criteria			K0039-04	K0039-02	K0053-01	K0053-02
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
1,1,1-Trichloroethane	680	500000	680	5.1 ND	5.6 ND	5 ND	5.2 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
1,1,2-Trichloroethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
1,1-Dichloroethane	270	240000	270	5.1 ND	5.6 ND	5 ND	5.2 ND
1,1-Dichloroethene	330	500000	330	5.1 ND	5.6 ND	5 ND	5.2 ND
1,1-Dichloropropene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
1,2,3-Trichloropropane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.1 ND	5.6 ND	5 ND	5.2 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
1,2-Dibromoethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
1,2-Dichlorobenzene	1100	500000	1100	5.1 ND	5.6 ND	5 ND	5.2 ND
1,2-Dichloroethane	20	30000	20	5.1 ND	5.6 ND	5 ND	5.2 ND
1,2-Dichloropropane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.1 ND	5.6 ND	5 ND	5.2 ND
1,3-Dichlorobenzene	2400	280000	2400	5.1 ND	5.6 ND	5 ND	5.2 ND
1,3-Dichloropropane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
1,4-Dichlorobenzene	1800	130000	1800	5.1 ND	5.6 ND	5 ND	5.2 ND
1,4-Dioxane	100	130000	100	100 ND	110 ND	100 ND	100 ND
2,2-Dichloropropane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
2-Butanone	120	500000	120	5.1 ND	5.6 ND	5 ND	5.2 ND
2-Chlorotoluene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
2-Hexanone	NA	NA	NA	5.1 ND	5.6 ND	1.3 B	1.4 B
4-Chlorotoluene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
4-Isopropyltoluene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND

Sample Location				301-CP1	301-7	161-CP2	161-CP2
Sample Name				301-CP1-10_5	301-7-11	161-CP2-5_5	161-CP2-64_5
Sample Date				1/11/2011	1/12/2011	1/13/2011	1/13/2011
Sample Depth				10.5	11	5.5	64.5
AKA (name on lab data)				301-CP1(10.5')	301-7(11')	161-CP2(5.5')	161-CP2(64.5')
Laboratory ID	Soil Cleanup Criteria			K0039-04	K0039-02	K0053-01	K0053-02
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Acetone	50	500000	50	5.1 ND	5.6 ND	5 ND	4.8 J
Benzene	60	44000	60	5.1 ND	5.6 ND	5 ND	5.2 ND
Bromobenzene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Bromochloromethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Bromodichloromethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Bromoform	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Bromomethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Carbon disulfide	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Carbon tetrachloride	760	22000	760	5.1 ND	5.6 ND	5 ND	5.2 ND
Chlorobenzene	1100	500000	1100	5.1 ND	5.6 ND	5 ND	5.2 ND
Chloroethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Chloroform	370	350000	370	5.1 ND	5.6 ND	5 ND	5.2 ND
Chloromethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
cis-1,2-Dichloroethene	250	500000	250	5.1 ND	5.6 ND	5 ND	5.2 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Dibromochloromethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Dibromomethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Dichlorodifluoromethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Ethylbenzene	1000	390000	1000	5.1 ND	5.6 ND	5 ND	5.2 ND
Hexachlorobutadiene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Iodomethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Isopropylbenzene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
m,p-Xylene	1600	500000	260	5.1 ND	5.6 ND	5 ND	5.2 ND
Methyl tert-butyl ether	930	500000	930	5.1 ND	5.6 ND	5 ND	5.2 ND
Methylene chloride	50	500000	50	5.1 ND	5.6 ND	5 ND	5.2 ND
Naphthalene	12000	500000	12000	5.1 ND	5.6 ND	5 ND	5.2 ND

Sample Location				301-CP1	301-7	161-CP2	161-CP2
Sample Name				301-CP1-10_5	301-7-11	161-CP2-5_5	161-CP2-64_5
Sample Date				1/11/2011	1/12/2011	1/13/2011	1/13/2011
Sample Depth				10.5	11	5.5	64.5
AKA (name on lab data)				301-CP1(10.5')	301-7(11')	161-CP2(5.5')	161-CP2(64.5')
Laboratory ID	Soil Cleanup Criteria			K0039-04	K0039-02	K0053-01	K0053-02
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	5.1 ND	5.6 ND	5 ND	5.2 ND
n-Propylbenzene	3900	500000	3900	5.1 ND	5.6 ND	5 ND	5.2 ND
o-Xylene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Tetrachloroethene	1300	150000	1300	5.1 ND	1.2 J	5 ND	5.2 ND
sec-Butylbenzene	11000	500000	11000	5.1 ND	5.6 ND	5 ND	5.2 ND
Styrene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Trichloroethene	470	200000	470	5.1 ND	5.6 ND	5 ND	5.2 ND
tert-Butylbenzene	5900	500000	5900	5.1 ND	5.6 ND	5 ND	5.2 ND
Toluene	700	500000	700	5.1 ND	5.6 ND	5 ND	5.2 ND
trans-1,2-Dichloroethene	190	500000	190	5.1 ND	5.6 ND	5 ND	5.2 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Trichlorofluoromethane	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Vinyl acetate	NA	NA	NA	5.1 ND	5.6 ND	5 ND	5.2 ND
Vinyl chloride	20	13000	20	5.1 ND	5.6 ND	5 ND	5.2 ND
Xylene (Total)	1600	500000	260	5.1 ND	5.6 ND	5 ND	5.2 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				161-1	161-1	161-IDW	DB-MW-3N
Sample Name				161-1-13	161-1-55_2	161-IDW-6	DB-MW-3N-24_5
Sample Date				1/14/2011	1/14/2011	1/14/2011	1/14/2011
Sample Depth				13	55	6	24.5
AKA (name on lab data)				161-1(13')	161-1(55.2')	161-IDW(6')	DB-MW3N(24.5')
Laboratory ID	Soil Cleanup Criteria			K0053-14	K0053-15	K0053-13	K0053-09
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
1,1,1-Trichloroethane	680	500000	680	5.2 ND	4.9 ND	5 ND	5.3 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
1,1,2-Trichloroethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
1,1-Dichloroethane	270	240000	270	5.2 ND	4.9 ND	5 ND	5.3 ND
1,1-Dichloroethene	330	500000	330	5.2 ND	4.9 ND	5 ND	5.3 ND
1,1-Dichloropropene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
1,2,3-Trichloropropane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.2 ND	4.9 ND	5 ND	5.3 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
1,2-Dibromoethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
1,2-Dichlorobenzene	1100	500000	1100	5.2 ND	4.9 ND	5 ND	5.3 ND
1,2-Dichloroethane	20	30000	20	5.2 ND	4.9 ND	5 ND	5.3 ND
1,2-Dichloropropane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.2 ND	4.9 ND	5 ND	5.3 ND
1,3-Dichlorobenzene	2400	280000	2400	5.2 ND	4.9 ND	5 ND	5.3 ND
1,3-Dichloropropane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
1,4-Dichlorobenzene	1800	130000	1800	5.2 ND	4.9 ND	5 ND	5.3 ND
1,4-Dioxane	100	130000	100	100 ND	97 ND	99 ND	110 ND
2,2-Dichloropropane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
2-Butanone	120	500000	120	5.2 ND	9.8	5 ND	5.3 ND
2-Chlorotoluene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
2-Hexanone	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
4-Chlorotoluene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
4-Isopropyltoluene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND

Sample Location				161-1	161-1	161-IDW	DB-MW-3N
Sample Name				161-1-13	161-1-55_2	161-IDW-6	DB-MW-3N-24_5
Sample Date				1/14/2011	1/14/2011	1/14/2011	1/14/2011
Sample Depth				13	55	6	24.5
AKA (name on lab data)				161-1(13')	161-1(55.2')	161-IDW(6')	DB-MW3N(24.5')
Laboratory ID	Soil Cleanup Criteria			K0053-14	K0053-15	K0053-13	K0053-09
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Acetone	50	500000	50	3.4 J	48	5 ND	6.3
Benzene	60	44000	60	5.2 ND	4.9 ND	5 ND	5.3 ND
Bromobenzene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Bromochloromethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Bromodichloromethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Bromoform	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Bromomethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Carbon disulfide	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Carbon tetrachloride	760	22000	760	5.2 ND	4.9 ND	5 ND	5.3 ND
Chlorobenzene	1100	500000	1100	5.2 ND	4.9 ND	5 ND	5.3 ND
Chloroethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Chloroform	370	350000	370	5.2 ND	4.9 ND	5 ND	5.3 ND
Chloromethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
cis-1,2-Dichloroethene	250	500000	250	5.2 ND	4.9 ND	5 ND	5.3 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Dibromochloromethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Dibromomethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Dichlorodifluoromethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Ethylbenzene	1000	390000	1000	5.2 ND	4.9 ND	5 ND	5.3 ND
Hexachlorobutadiene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Iodomethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Isopropylbenzene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
m,p-Xylene	1600	500000	260	5.2 ND	4.9 ND	5 ND	5.3 ND
Methyl tert-butyl ether	930	500000	930	5.2 ND	4.9 ND	5 ND	5.3 ND
Methylene chloride	50	500000	50	5.2 ND	4.9 ND	5 ND	5.3 ND
Naphthalene	12000	500000	12000	1.2 B	1.1 B	1.5 B	3.7 B

Sample Location				161-1	161-1	161-IDW	DB-MW-3N
Sample Name				161-1-13	161-1-55_2	161-IDW-6	DB-MW-3N-24_5
Sample Date				1/14/2011	1/14/2011	1/14/2011	1/14/2011
Sample Depth				13	55	6	24.5
AKA (name on lab data)				161-1(13')	161-1(55.2')	161-IDW(6')	DB-MW3N(24.5')
Laboratory ID	Soil Cleanup Criteria			K0053-14	K0053-15	K0053-13	K0053-09
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	5.2 ND	4.9 ND	5 ND	5.3 ND
n-Propylbenzene	3900	500000	3900	5.2 ND	4.9 ND	5 ND	5.3 ND
o-Xylene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Tetrachloroethene	1300	150000	1300	5.2 ND	4.9 ND	5 ND	1.9 J
sec-Butylbenzene	11000	500000	11000	5.2 ND	4.9 ND	5 ND	5.3 ND
Styrene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Trichloroethene	470	200000	470	5.2 ND	4.9 ND	5 ND	12
tert-Butylbenzene	5900	500000	5900	5.2 ND	4.9 ND	5 ND	5.3 ND
Toluene	700	500000	700	5.2 ND	4.9 ND	5 ND	5.3 ND
trans-1,2-Dichloroethene	190	500000	190	5.2 ND	4.9 ND	5 ND	5.3 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Trichlorofluoromethane	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Vinyl acetate	NA	NA	NA	5.2 ND	4.9 ND	5 ND	5.3 ND
Vinyl chloride	20	13000	20	5.2 ND	4.9 ND	5 ND	5.3 ND
Xylene (Total)	1600	500000	260	5.2 ND	4.9 ND	5 ND	5.3 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				DB-MW-3N	DB-MW-3N	DB-MW-3N	301-CP2
Sample Name				DB-MW-3N-30_5	DB-MW-3N-43	DB-MW-3N-43 DUP	301-CP2-17
Sample Date				1/14/2011	1/14/2011	1/14/2011	1/17/2011
Sample Depth				30.5	43	43	17
AKA (name on lab data)				DB-MW3N(30.5')	DB-MW3N(43')	DB-MW (43')DUP	301-CP2(17')
Laboratory ID	Soil Cleanup Criteria			K0053-10	K0053-11	K0053-12	K0063-06
Constituent	POGW	Comm	Unrest		Dup of DB-MW3N(43')		
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,1,1-Trichloroethane	680	500000	680	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,1,2-Trichloroethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,1-Dichloroethane	270	240000	270	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,1-Dichloroethene	330	500000	330	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,1-Dichloropropene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,2,3-Trichloropropane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,2-Dibromoethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,2-Dichlorobenzene	1100	500000	1100	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,2-Dichloroethane	20	30000	20	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,2-Dichloropropane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,3-Dichlorobenzene	2400	280000	2400	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,3-Dichloropropane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,4-Dichlorobenzene	1800	130000	1800	5.6 ND	4.9 ND	4.9 ND	5.6 ND
1,4-Dioxane	100	130000	100	110 ND	97 ND	97 ND	110 ND
2,2-Dichloropropane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
2-Butanone	120	500000	120	5.6 ND	4.9 ND	4.9 ND	5.6 ND
2-Chlorotoluene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
2-Hexanone	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
4-Chlorotoluene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
4-Isopropyltoluene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND

Sample Location				DB-MW-3N	DB-MW-3N	DB-MW-3N	301-CP2
Sample Name				DB-MW-3N-30_5	DB-MW-3N-43	DB-MW-3N-43 DUP	301-CP2-17
Sample Date				1/14/2011	1/14/2011	1/14/2011	1/17/2011
Sample Depth				30.5	43	43	17
AKA (name on lab data)				DB-MW3N(30.5')	DB-MW3N(43')	DB-MW (43')DUP	301-CP2(17')
Laboratory ID	Soil Cleanup Criteria			K0053-10	K0053-11	K0053-12	K0063-06
Constituent	POGW	Comm	Unrest		Dup of DB-MW3N(43')		
4-Methyl-2-pentanone	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Acetone	50	500000	50	10	3.1 J	3.1 J	14
Benzene	60	44000	60	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Bromobenzene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Bromochloromethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Bromodichloromethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Bromoform	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Bromomethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Carbon disulfide	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Carbon tetrachloride	760	22000	760	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Chlorobenzene	1100	500000	1100	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Chloroethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Chloroform	370	350000	370	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Chloromethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
cis-1,2-Dichloroethene	250	500000	250	5.6 ND	4.9 ND	4.9 ND	5.6 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Dibromochloromethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Dibromomethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Dichlorodifluoromethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Ethylbenzene	1000	390000	1000	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Hexachlorobutadiene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Iodomethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Isopropylbenzene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
m,p-Xylene	1600	500000	260	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Methyl tert-butyl ether	930	500000	930	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Methylene chloride	50	500000	50	5.3 J	4.9 ND	4.9 ND	5.6 ND
Naphthalene	12000	500000	12000	3.5 B	2.1 B	1.7 BJ	1.2 B

Sample Location				DB-MW-3N	DB-MW-3N	DB-MW-3N	301-CP2
Sample Name				DB-MW-3N-30_5	DB-MW-3N-43	DB-MW-3N-43 DUP	301-CP2-17
Sample Date				1/14/2011	1/14/2011	1/14/2011	1/17/2011
Sample Depth				30.5	43	43	17
AKA (name on lab data)				DB-MW3N(30.5')	DB-MW3N(43')	DB-MW (43')DUP	301-CP2(17')
Laboratory ID	Soil Cleanup Criteria			K0053-10	K0053-11	K0053-12	K0063-06
Constituent	POGW	Comm	Unrest		Dup of DB-MW3N(43')		
n-Butylbenzene	12000	500000	12000	5.6 ND	4.9 ND	4.9 ND	5.6 ND
n-Propylbenzene	3900	500000	3900	5.6 ND	4.9 ND	4.9 ND	5.6 ND
o-Xylene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Tetrachloroethene	1300	150000	1300	5.6 ND	4.9 ND	4.9 ND	5.6 ND
sec-Butylbenzene	11000	500000	11000	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Styrene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Trichloroethene	470	200000	470	5.6 ND	4.9 ND	4.9 ND	5.6 ND
tert-Butylbenzene	5900	500000	5900	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Toluene	700	500000	700	5.6 ND	4.9 ND	4.9 ND	5.6 ND
trans-1,2-Dichloroethene	190	500000	190	5.6 ND	4.9 ND	4.9 ND	5.6 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Trichlorofluoromethane	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Vinyl acetate	NA	NA	NA	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Vinyl chloride	20	13000	20	5.6 ND	4.9 ND	4.9 ND	5.6 ND
Xylene (Total)	1600	500000	260	5.6 ND	4.9 ND	4.9 ND	5.6 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				301-CP2	DB-DW-9E	DB-DW-9N	DB-DW-9S
Sample Name				301-CP2-17 DUP	DB-DW-9E-12_5	DB-DW-9N-10	DB-DW-9S-1_5
Sample Date				1/17/2011	1/18/2011	1/18/2011	1/18/2011
Sample Depth				17	12.5	10	1.5
AKA (name on lab data)				301-DUP(17')	DB-DW9E(12.5')	DB-DW9N(10')	DB-DW9S(1.5')
Laboratory ID	Soil Cleanup Criteria			K0063-07	K0063-13	K0063-16	K0063-14
Constituent	POGW	Comm	Unrest	Dup of 301-CP2-17			
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,1,1-Trichloroethane	680	500000	680	5.5 ND	5.4 ND	5.7 ND	1.1 J
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,1,2-Trichloroethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,1-Dichloroethane	270	240000	270	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,1-Dichloroethene	330	500000	330	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,1-Dichloropropene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,2,3-Trichloropropane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,2-Dibromoethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,2-Dichlorobenzene	1100	500000	1100	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,2-Dichloroethane	20	30000	20	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,2-Dichloropropane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,3-Dichlorobenzene	2400	280000	2400	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,3-Dichloropropane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,4-Dichlorobenzene	1800	130000	1800	5.5 ND	5.4 ND	5.7 ND	5.1 ND
1,4-Dioxane	100	130000	100	110 ND	110 ND	110 ND	100 ND
2,2-Dichloropropane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
2-Butanone	120	500000	120	5.5 ND	5.4 ND	5.7 ND	5.1 ND
2-Chlorotoluene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
2-Hexanone	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
4-Chlorotoluene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
4-Isopropyltoluene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND

Sample Location				301-CP2	DB-DW-9E	DB-DW-9N	DB-DW-9S
Sample Name				301-CP2-17 DUP	DB-DW-9E-12_5	DB-DW-9N-10	DB-DW-9S-1_5
Sample Date				1/17/2011	1/18/2011	1/18/2011	1/18/2011
Sample Depth				17	12.5	10	1.5
AKA (name on lab data)				301-DUP(17')	DB-DW9E(12.5')	DB-DW9N(10')	DB-DW9S(1.5')
Laboratory ID	Soil Cleanup Criteria			K0063-07	K0063-13	K0063-16	K0063-14
Constituent	POGW	Comm	Unrest	Dup of 301-CP2-17			
4-Methyl-2-pentanone	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Acetone	50	500000	50	3.3 J	5.4 ND	5.7 ND	3.8 J
Benzene	60	44000	60	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Bromobenzene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Bromochloromethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Bromodichloromethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Bromoform	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Bromomethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Carbon disulfide	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Carbon tetrachloride	760	22000	760	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Chlorobenzene	1100	500000	1100	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Chloroethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Chloroform	370	350000	370	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Chloromethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
cis-1,2-Dichloroethene	250	500000	250	5.5 ND	5.4 ND	5.7 ND	80
cis-1,3-Dichloropropene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Dibromochloromethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Dibromomethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Dichlorodifluoromethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Ethylbenzene	1000	390000	1000	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Hexachlorobutadiene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Iodomethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Isopropylbenzene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
m,p-Xylene	1600	500000	260	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Methyl tert-butyl ether	930	500000	930	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Methylene chloride	50	500000	50	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Naphthalene	12000	500000	12000	2.1 B	1.8 B	1.2 B	1.4 B

Sample Location				301-CP2	DB-DW-9E	DB-DW-9N	DB-DW-9S
Sample Name				301-CP2-17 DUP	DB-DW-9E-12_5	DB-DW-9N-10	DB-DW-9S-1_5
Sample Date				1/17/2011	1/18/2011	1/18/2011	1/18/2011
Sample Depth				17	12.5	10	1.5
AKA (name on lab data)				301-DUP(17')	DB-DW9E(12.5')	DB-DW9N(10')	DB-DW9S(1.5')
Laboratory ID	Soil Cleanup Criteria			K0063-07	K0063-13	K0063-16	K0063-14
Constituent	POGW	Comm	Unrest	Dup of 301-CP2-17			
n-Butylbenzene	12000	500000	12000	5.5 ND	5.4 ND	5.7 ND	5.1 ND
n-Propylbenzene	3900	500000	3900	5.5 ND	5.4 ND	5.7 ND	5.1 ND
o-Xylene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Tetrachloroethene	1300	150000	1300	5.5 ND	5.4 ND	5.7 ND	20
sec-Butylbenzene	11000	500000	11000	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Styrene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Trichloroethene	470	200000	470	5.5 ND	5.4 ND	5.7 ND	4.7 J
tert-Butylbenzene	5900	500000	5900	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Toluene	700	500000	700	5.5 ND	5.4 ND	5.7 ND	5.1 ND
trans-1,2-Dichloroethene	190	500000	190	5.5 ND	5.4 ND	5.7 ND	5.1 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Trichlorofluoromethane	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Vinyl acetate	NA	NA	NA	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Vinyl chloride	20	13000	20	5.5 ND	5.4 ND	5.7 ND	5.1 ND
Xylene (Total)	1600	500000	260	5.5 ND	5.4 ND	5.7 ND	5.1 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				DB-DW-9SE	ALC-MW-3E	ALC-MW-3E	ALC-MW-3NE
Sample Name				DB-DW-9SE-11	ALC-MW-3E-17	ALC-MW-3E-38	ALC-MW-3NE-18
Sample Date				1/18/2011	1/19/2011	1/19/2011	1/19/2011
Sample Depth				11	17	38	18
AKA (name on lab data)				DB-DW9SE(11.0')	ALC-MW3E(17)	ACE-MW3E(38')	ALC-MW3NE(18)
Laboratory ID	Soil Cleanup Criteria			K0063-15	K0072-04	K0072-05	K0072-07
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
1,1,1-Trichloroethane	680	500000	680	5.5 ND	3800 ND	5.2 ND	3700 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
1,1,2-Trichloroethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
1,1-Dichloroethane	270	240000	270	5.5 ND	3800 ND	5.2 ND	3700 ND
1,1-Dichloroethene	330	500000	330	5.5 ND	3800 ND	5.2 ND	3700 ND
1,1-Dichloropropene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
1,2,3-Trichloropropane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.5 ND	3800 ND	5.2 ND	3700 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
1,2-Dibromoethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
1,2-Dichlorobenzene	1100	500000	1100	5.5 ND	3800 ND	5.2 ND	3700 ND
1,2-Dichloroethane	20	30000	20	5.5 ND	3800 ND	5.2 ND	3700 ND
1,2-Dichloropropane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.5 ND	3800 ND	5.2 ND	3700 ND
1,3-Dichlorobenzene	2400	280000	2400	5.5 ND	3800 ND	5.2 ND	3700 ND
1,3-Dichloropropane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
1,4-Dichlorobenzene	1800	130000	1800	5.5 ND	3800 ND	5.2 ND	3700 ND
1,4-Dioxane	100	130000	100	110 ND	76000 ND	100 ND	74000 ND
2,2-Dichloropropane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
2-Butanone	120	500000	120	5.5 ND	3800 ND	5.2 ND	3700 ND
2-Chlorotoluene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
2-Hexanone	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
4-Chlorotoluene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
4-Isopropyltoluene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND

Sample Location				DB-DW-9SE	ALC-MW-3E	ALC-MW-3E	ALC-MW-3NE
Sample Name				DB-DW-9SE-11	ALC-MW-3E-17	ALC-MW-3E-38	ALC-MW-3NE-18
Sample Date				1/18/2011	1/19/2011	1/19/2011	1/19/2011
Sample Depth				11	17	38	18
AKA (name on lab data)				DB-DW9SE(11.0')	ALC-MW3E(17)	ACE-MW3E(38')	ALC-MW3NE(18)
Laboratory ID	Soil Cleanup Criteria			K0063-15	K0072-04	K0072-05	K0072-07
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Acetone	50	500000	50	5.5 ND	3800 ND	5.2 ND	3700 ND
Benzene	60	44000	60	5.5 ND	3800 ND	5.2 ND	3700 ND
Bromobenzene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Bromochloromethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Bromodichloromethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Bromoform	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Bromomethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Carbon disulfide	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Carbon tetrachloride	760	22000	760	5.5 ND	3800 ND	5.2 ND	3700 ND
Chlorobenzene	1100	500000	1100	5.5 ND	3800 ND	5.2 ND	3700 ND
Chloroethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Chloroform	370	350000	370	5.5 ND	3800 ND	5.2 ND	3700 ND
Chloromethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
cis-1,2-Dichloroethene	250	500000	250	5.5 ND	3800 ND	5.2 ND	3700 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Dibromochloromethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Dibromomethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Dichlorodifluoromethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Ethylbenzene	1000	390000	1000	5.5 ND	3800 ND	5.2 ND	3700 ND
Hexachlorobutadiene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Iodomethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Isopropylbenzene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
m,p-Xylene	1600	500000	260	5.5 ND	3800 ND	5.2 ND	3700 ND
Methyl tert-butyl ether	930	500000	930	5.5 ND	3800 ND	5.2 ND	3700 ND
Methylene chloride	50	500000	50	5.5 ND	3800 ND	5.2 ND	3700 ND
Naphthalene	12000	500000	12000	1.5 B	3800 ND	5.2 ND	3700 ND

Sample Location				DB-DW-9SE	ALC-MW-3E	ALC-MW-3E	ALC-MW-3NE
Sample Name				DB-DW-9SE-11	ALC-MW-3E-17	ALC-MW-3E-38	ALC-MW-3NE-18
Sample Date				1/18/2011	1/19/2011	1/19/2011	1/19/2011
Sample Depth				11	17	38	18
AKA (name on lab data)				DB-DW9SE(11.0')	ALC-MW3E(17)	ACE-MW3E(38')	ALC-MW3NE(18)
Laboratory ID	Soil Cleanup Criteria			K0063-15	K0072-04	K0072-05	K0072-07
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	5.5 ND	3800 ND	5.2 ND	3700 ND
n-Propylbenzene	3900	500000	3900	5.5 ND	3800 ND	5.2 ND	3700 ND
o-Xylene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Tetrachloroethene	1300	150000	1300	5.5 ND	**4500**	5.2 ND	3700 ND
sec-Butylbenzene	11000	500000	11000	5.5 ND	3800 ND	5.2 ND	3700 ND
Styrene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Trichloroethene	470	200000	470	5.5 ND	**140000**	1.5 B	**600000 D**
tert-Butylbenzene	5900	500000	5900	5.5 ND	3800 ND	5.2 ND	3700 ND
Toluene	700	500000	700	5.5 ND	**1300 J**	5.2 ND	**2200 J**
trans-1,2-Dichloroethene	190	500000	190	5.5 ND	3800 ND	5.2 ND	3700 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Trichlorofluoromethane	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Vinyl acetate	NA	NA	NA	5.5 ND	3800 ND	5.2 ND	3700 ND
Vinyl chloride	20	13000	20	5.5 ND	3800 ND	5.2 ND	3700 ND
Xylene (Total)	1600	500000	260	5.5 ND	3800 ND	5.2 ND	3700 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				ALC-MW-3SE	ALC-MW3-SO	ALC-MW3-SO	ALC-MW3-SO
Sample Name				ALC-MW-3SE-16	ALC-MW3-SO-18	ALC-MW3-SO-33	ALC-MW3-SO-44
Sample Date				1/19/2011	1/19/2011	1/19/2011	1/19/2011
Sample Depth				16	18	33	44
AKA (name on lab data)				ALC-MW3SE(16')	ALC-MW3 (18')	ALC-MW3 (33')	ALC-MW3 (44')
Laboratory ID	Soil Cleanup Criteria			K0072-08	K0072-03	K0072-01	K0072-02
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
1,1,1-Trichloroethane	680	500000	680	1600 ND	4000 ND	5.4 ND	5.1 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
1,1,2-Trichloroethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
1,1-Dichloroethane	270	240000	270	1600 ND	4000 ND	5.4 ND	5.1 ND
1,1-Dichloroethene	330	500000	330	1600 ND	4000 ND	5.4 ND	5.1 ND
1,1-Dichloropropene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
1,2,3-Trichlorobenzene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
1,2,3-Trichloropropane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
1,2,4-Trichlorobenzene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
1,2,4-Trimethylbenzene	3600	190000	3600	1600 ND	4000 ND	5.4 ND	5.1 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
1,2-Dibromoethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
1,2-Dichlorobenzene	1100	500000	1100	1600 ND	4000 ND	5.4 ND	5.1 ND
1,2-Dichloroethane	20	30000	20	1600 ND	4000 ND	5.4 ND	5.1 ND
1,2-Dichloropropane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
1,3,5-Trimethylbenzene	8400	190000	8400	1600 ND	4000 ND	5.4 ND	5.1 ND
1,3-Dichlorobenzene	2400	280000	2400	1600 ND	4000 ND	5.4 ND	5.1 ND
1,3-Dichloropropane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
1,4-Dichlorobenzene	1800	130000	1800	1600 ND	4000 ND	5.4 ND	5.1 ND
1,4-Dioxane	100	130000	100	33000 ND	81000 ND	110 ND	100 ND
2,2-Dichloropropane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
2-Butanone	120	500000	120	1600 ND	4000 ND	5.4 ND	5.1 ND
2-Chlorotoluene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
2-Hexanone	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
4-Chlorotoluene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
4-Isopropyltoluene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND

Sample Location				ALC-MW-3SE	ALC-MW3-SO	ALC-MW3-SO	ALC-MW3-SO
Sample Name				ALC-MW-3SE-16	ALC-MW3-SO-18	ALC-MW3-SO-33	ALC-MW3-SO-44
Sample Date				1/19/2011	1/19/2011	1/19/2011	1/19/2011
Sample Depth				16	18	33	44
AKA (name on lab data)				ALC-MW3SE(16')	ALC-MW3 (18')	ALC-MW3 (33')	ALC-MW3 (44')
Laboratory ID	Soil Cleanup Criteria			K0072-08	K0072-03	K0072-01	K0072-02
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Acetone	50	500000	50	1600 ND	4000 ND	5.4 ND	5.1 ND
Benzene	60	44000	60	1600 ND	4000 ND	5.4 ND	5.1 ND
Bromobenzene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Bromochloromethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Bromodichloromethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Bromoform	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Bromomethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Carbon disulfide	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Carbon tetrachloride	760	22000	760	1600 ND	4000 ND	5.4 ND	5.1 ND
Chlorobenzene	1100	500000	1100	1600 ND	4000 ND	5.4 ND	5.1 ND
Chloroethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Chloroform	370	350000	370	1600 ND	4000 ND	5.4 ND	5.1 ND
Chloromethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
cis-1,2-Dichloroethene	250	500000	250	1600 ND	4000 ND	5.4 ND	5.1 ND
cis-1,3-Dichloropropene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Dibromochloromethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Dibromomethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Dichlorodifluoromethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Ethylbenzene	1000	390000	1000	1600 ND	4000 ND	5.4 ND	5.1 ND
Hexachlorobutadiene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Iodomethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Isopropylbenzene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
m,p-Xylene	1600	500000	260	1600 ND	4000 ND	5.4 ND	5.1 ND
Methyl tert-butyl ether	930	500000	930	1600 ND	4000 ND	5.4 ND	5.1 ND
Methylene chloride	50	500000	50	1600 ND	4000 ND	5.4 ND	5.1 ND
Naphthalene	12000	500000	12000	1600 ND	4000 ND	5.4 ND	5.1 ND

Sample Location				ALC-MW-3SE	ALC-MW3-SO	ALC-MW3-SO	ALC-MW3-SO
Sample Name				ALC-MW-3SE-16	ALC-MW3-SO-18	ALC-MW3-SO-33	ALC-MW3-SO-44
Sample Date				1/19/2011	1/19/2011	1/19/2011	1/19/2011
Sample Depth				16	18	33	44
AKA (name on lab data)				ALC-MW3SE(16')	ALC-MW3 (18')	ALC-MW3 (33')	ALC-MW3 (44')
Laboratory ID	Soil Cleanup Criteria			K0072-08	K0072-03	K0072-01	K0072-02
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	1600 ND	4000 ND	5.4 ND	5.1 ND
n-Propylbenzene	3900	500000	3900	1600 ND	4000 ND	5.4 ND	5.1 ND
o-Xylene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Tetrachloroethene	1300	150000	1300	1100 J	**13000**	5.4 ND	5.1 ND
sec-Butylbenzene	11000	500000	11000	1600 ND	4000 ND	5.4 ND	5.1 ND
Styrene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Trichloroethene	470	200000	470	**28000**	**950000 D**	3.9 B	2.3 B
tert-Butylbenzene	5900	500000	5900	1600 ND	4000 ND	5.4 ND	5.1 ND
Toluene	700	500000	700	230 J	**3200 J**	5.4 ND	5.1 ND
trans-1,2-Dichloroethene	190	500000	190	1600 ND	4000 ND	5.4 ND	5.1 ND
trans-1,3-Dichloropropene	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Trichlorofluoromethane	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Vinyl acetate	NA	NA	NA	1600 ND	4000 ND	5.4 ND	5.1 ND
Vinyl chloride	20	13000	20	1600 ND	4000 ND	5.4 ND	5.1 ND
Xylene (Total)	1600	500000	260	1600 ND	4000 ND	5.4 ND	5.1 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				DB-MW-3E	ALC-MW-3W	DB-301-2E	DB-301-2E
Sample Name				DB-MW-3E-17_5	ALC-MW-3W-17	DB-301-2E-18	DB-301-2E-38
Sample Date				1/19/2011	1/21/2011	1/21/2011	1/21/2011
Sample Depth				17.5	17	18	38
AKA (name on lab data)				DB-MW3E (17.5')	ALCMW3W (17)	DB-301-2E (18)	DB-301-2E (38)
Laboratory ID	Soil Cleanup Criteria			K0072-06	K0095-02	K0095-03	K0095-04
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
1,1,1-Trichloroethane	680	500000	680	380 ND	190 J	130 J	4.9 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
1,1,2-Trichloroethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
1,1-Dichloroethane	270	240000	270	380 ND	400 ND	410 ND	4.9 ND
1,1-Dichloroethene	330	500000	330	380 ND	400 ND	410 ND	4.9 ND
1,1-Dichloropropene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
1,2,3-Trichlorobenzene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
1,2,3-Trichloropropane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
1,2,4-Trichlorobenzene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
1,2,4-Trimethylbenzene	3600	190000	3600	380 ND	400 ND	410 ND	4.9 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
1,2-Dibromoethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
1,2-Dichlorobenzene	1100	500000	1100	380 ND	400 ND	410 ND	4.9 ND
1,2-Dichloroethane	20	30000	20	380 ND	400 ND	410 ND	4.9 ND
1,2-Dichloropropane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
1,3,5-Trimethylbenzene	8400	190000	8400	380 ND	400 ND	410 ND	4.9 ND
1,3-Dichlorobenzene	2400	280000	2400	380 ND	400 ND	410 ND	4.9 ND
1,3-Dichloropropane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
1,4-Dichlorobenzene	1800	130000	1800	380 ND	400 ND	410 ND	4.9 ND
1,4-Dioxane	100	130000	100	7600 ND	8000 ND	8300 ND	98 ND
2,2-Dichloropropane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
2-Butanone	120	500000	120	380 ND	400 ND	410 ND	4.9 ND
2-Chlorotoluene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
2-Hexanone	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
4-Chlorotoluene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
4-Isopropyltoluene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND

Sample Location				DB-MW-3E	ALC-MW-3W	DB-301-2E	DB-301-2E
Sample Name				DB-MW-3E-17_5	ALC-MW-3W-17	DB-301-2E-18	DB-301-2E-38
Sample Date				1/19/2011	1/21/2011	1/21/2011	1/21/2011
Sample Depth				17.5	17	18	38
AKA (name on lab data)				DB-MW3E (17.5')	ALCMW3W (17)	DB-301-2E (18)	DB-301-2E (38)
Laboratory ID	Soil Cleanup Criteria			K0072-06	K0095-02	K0095-03	K0095-04
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Acetone	50	500000	50	380 ND	400 ND	410 ND	2.2 J
Benzene	60	44000	60	380 ND	400 ND	410 ND	4.9 ND
Bromobenzene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Bromochloromethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Bromodichloromethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Bromoform	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Bromomethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Carbon disulfide	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Carbon tetrachloride	760	22000	760	380 ND	400 ND	410 ND	4.9 ND
Chlorobenzene	1100	500000	1100	380 ND	400 ND	410 ND	4.9 ND
Chloroethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Chloroform	370	350000	370	380 ND	400 ND	93 J	4.9 ND
Chloromethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
cis-1,2-Dichloroethene	250	500000	250	380 ND	**910**	**1000**	4.9 ND
cis-1,3-Dichloropropene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Dibromochloromethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Dibromomethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Dichlorodifluoromethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Ethylbenzene	1000	390000	1000	380 ND	400 ND	410 ND	4.9 ND
Hexachlorobutadiene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Iodomethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Isopropylbenzene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
m,p-Xylene	1600	500000	260	380 ND	400 ND	410 ND	4.9 ND
Methyl tert-butyl ether	930	500000	930	380 ND	400 ND	410 ND	4.9 ND
Methylene chloride	50	500000	50	380 ND	400 ND	410 ND	4.9 ND
Naphthalene	12000	500000	12000	380 ND	400 ND	410 ND	1.5 J

Sample Location				DB-MW-3E	ALC-MW-3W	DB-301-2E	DB-301-2E
Sample Name				DB-MW-3E-17_5	ALC-MW-3W-17	DB-301-2E-18	DB-301-2E-38
Sample Date				1/19/2011	1/21/2011	1/21/2011	1/21/2011
Sample Depth				17.5	17	18	38
AKA (name on lab data)				DB-MW3E (17.5')	ALCMW3W (17)	DB-301-2E (18)	DB-301-2E (38)
Laboratory ID	Soil Cleanup Criteria			K0072-06	K0095-02	K0095-03	K0095-04
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	380 ND	400 ND	410 ND	4.9 ND
n-Propylbenzene	3900	500000	3900	380 ND	400 ND	410 ND	4.9 ND
o-Xylene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Tetrachloroethene	1300	150000	1300	290 J	**2900**	**1500**	4.9 ND
sec-Butylbenzene	11000	500000	11000	380 ND	400 ND	410 ND	4.9 ND
Styrene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Trichloroethene	470	200000	470	**1600**	**380000 D**	**430000 D**	2.2 B
tert-Butylbenzene	5900	500000	5900	380 ND	400 ND	410 ND	4.9 ND
Toluene	700	500000	700	39 J	**1100**	**800**	4.9 ND
trans-1,2-Dichloroethene	190	500000	190	380 ND	400 ND	410 ND	4.9 ND
trans-1,3-Dichloropropene	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Trichlorofluoromethane	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Vinyl acetate	NA	NA	NA	380 ND	400 ND	410 ND	4.9 ND
Vinyl chloride	20	13000	20	380 ND	400 ND	410 ND	4.9 ND
Xylene (Total)	1600	500000	260	380 ND	400 ND	410 ND	4.9 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				DB-ALC-MW-3S	DB-ALC-MW-3SE	DB-ALC-MW-3SE	DB-ALC-MW-3SE
Sample Name				DB-ALC-MW-3S-17	DB-ALC-MW-3SE-14	DB-ALC-MW-3SE-24	DB-ALC-MW-3SE-38
Sample Date				1/21/2011	1/21/2011	1/21/2011	1/21/2011
Sample Depth				17	14	24	38
AKA (name on lab data)				DB-ALC-MW3 S (17)	DB-ALC-MW3SE (14)	DB-ALC-MW3SE (24)	DB-ALC-MW3SE (38)
Laboratory ID	Soil Cleanup Criteria			K0095-08	K0095-05	K0095-06	K0095-07
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
1,1,1-Trichloroethane	680	500000	680	410 ND	220 J	5 ND	4.6 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
1,1,2-Trichloroethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
1,1-Dichloroethane	270	240000	270	410 ND	310 ND	5 ND	4.6 ND
1,1-Dichloroethene	330	500000	330	410 ND	310 ND	5 ND	4.6 ND
1,1-Dichloropropene	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
1,2,3-Trichlorobenzene	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
1,2,3-Trichloropropane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
1,2,4-Trichlorobenzene	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
1,2,4-Trimethylbenzene	3600	190000	3600	270 J	350	5 ND	4.6 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
1,2-Dibromoethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
1,2-Dichlorobenzene	1100	500000	1100	360 J	270 J	5 ND	4.6 ND
1,2-Dichloroethane	20	30000	20	410 ND	310 ND	5 ND	4.6 ND
1,2-Dichloropropane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
1,3,5-Trimethylbenzene	8400	190000	8400	410 ND	150 J	5 ND	4.6 ND
1,3-Dichlorobenzene	2400	280000	2400	410 ND	310 ND	5 ND	4.6 ND
1,3-Dichloropropane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
1,4-Dichlorobenzene	1800	130000	1800	410 ND	310 ND	5 ND	4.6 ND
1,4-Dioxane	100	130000	100	8300 ND	6100 ND	100 ND	92 ND
2,2-Dichloropropane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
2-Butanone	120	500000	120	410 ND	310 ND	5 ND	4.6 ND
2-Chlorotoluene	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
2-Hexanone	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
4-Chlorotoluene	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
4-Isopropyltoluene	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND

Sample Location				DB-ALC-MW-3S	DB-ALC-MW-3SE	DB-ALC-MW-3SE	DB-ALC-MW-3SE
Sample Name				DB-ALC-MW-3S-17	DB-ALC-MW-3SE-14	DB-ALC-MW-3SE-24	DB-ALC-MW-3SE-38
Sample Date				1/21/2011	1/21/2011	1/21/2011	1/21/2011
Sample Depth				17	14	24	38
AKA (name on lab data)				DB-ALC-MW3 S (17)	DB-ALC-MW3SE (14)	DB-ALC-MW3SE (24)	DB-ALC-MW3SE (38)
Laboratory ID	Soil Cleanup Criteria			K0095-08	K0095-05	K0095-06	K0095-07
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Acetone	50	500000	50	410 ND	310 ND	2.5 J	4.6 ND
Benzene	60	44000	60	410 ND	310 ND	5 ND	4.6 ND
Bromobenzene	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Bromochloromethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Bromodichloromethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Bromoform	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Bromomethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Carbon disulfide	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Carbon tetrachloride	760	22000	760	410 ND	310 ND	5 ND	4.6 ND
Chlorobenzene	1100	500000	1100	410 ND	310 ND	5 ND	4.6 ND
Chloroethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Chloroform	370	350000	370	410 ND	310 ND	5 ND	4.6 ND
Chloromethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
cis-1,2-Dichloroethene	250	500000	250	**410 J**	310 ND	5 ND	4.6 ND
cis-1,3-Dichloropropene	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Dibromochloromethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Dibromomethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Dichlorodifluoromethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Ethylbenzene	1000	390000	1000	410 ND	320	5 ND	4.6 ND
Hexachlorobutadiene	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Iodomethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Isopropylbenzene	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
m,p-Xylene	1600	500000	260	430	1400	5 ND	4.6 ND
Methyl tert-butyl ether	930	500000	930	410 ND	310 ND	5 ND	4.6 ND
Methylene chloride	50	500000	50	410 ND	310 ND	5 ND	4.6 ND
Naphthalene	12000	500000	12000	410 ND	310 ND	1.3 J	4.6 ND

Sample Location				DB-ALC-MW-3S	DB-ALC-MW-3SE	DB-ALC-MW-3SE	DB-ALC-MW-3SE
Sample Name				DB-ALC-MW-3S-17	DB-ALC-MW-3SE-14	DB-ALC-MW-3SE-24	DB-ALC-MW-3SE-38
Sample Date				1/21/2011	1/21/2011	1/21/2011	1/21/2011
Sample Depth				17	14	24	38
AKA (name on lab data)				DB-ALC-MW3 S (17)	DB-ALC-MW3SE (14)	DB-ALC-MW3SE (24)	DB-ALC-MW3SE (38)
Laboratory ID	Soil Cleanup Criteria			K0095-08	K0095-05	K0095-06	K0095-07
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	410 ND	310 ND	5 ND	4.6 ND
n-Propylbenzene	3900	500000	3900	410 ND	71 J	5 ND	4.6 ND
o-Xylene	NA	NA	NA	410 ND	390	5 ND	4.6 ND
Tetrachloroethene	1300	150000	1300	**3600**	**11000 D**	5 ND	4.6 ND
sec-Butylbenzene	11000	500000	11000	410 ND	310 ND	5 ND	4.6 ND
Styrene	NA	NA	NA	410 ND	150 J	5 ND	4.6 ND
Trichloroethene	470	200000	470	**6700**	**39000 D**	2.4 B	1.5 B
tert-Butylbenzene	5900	500000	5900	410 ND	310 ND	5 ND	4.6 ND
Toluene	700	500000	700	220 J	**1400**	5 ND	4.6 ND
trans-1,2-Dichloroethene	190	500000	190	410 ND	310 ND	5 ND	4.6 ND
trans-1,3-Dichloropropene	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Trichlorofluoromethane	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Vinyl acetate	NA	NA	NA	410 ND	310 ND	5 ND	4.6 ND
Vinyl chloride	20	13000	20	410 ND	310 ND	5 ND	4.6 ND
Xylene (Total)	1600	500000	260	430	**1800**	5 ND	4.6 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				DB-DW-8
Sample Name				DB-DW-8-15
Sample Date				1/21/2011
Sample Depth				15
AKA (name on lab data)				DB-OW8 (15)
Laboratory ID	Soil Cleanup Criteria			K0095-01
Constituent	POGW	Comm	Unrest	
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.9 ND
1,1,1-Trichloroethane	680	500000	680	4 J
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.9 ND
1,1,2-Trichloroethane	NA	NA	NA	5.9 ND
1,1-Dichloroethane	270	240000	270	5.9 ND
1,1-Dichloroethene	330	500000	330	5.9 ND
1,1-Dichloropropene	NA	NA	NA	5.9 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.9 ND
1,2,3-Trichloropropane	NA	NA	NA	5.9 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.9 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.9 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.9 ND
1,2-Dibromoethane	NA	NA	NA	5.9 ND
1,2-Dichlorobenzene	1100	500000	1100	5.9 ND
1,2-Dichloroethane	20	30000	20	5.9 ND
1,2-Dichloropropane	NA	NA	NA	5.9 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.9 ND
1,3-Dichlorobenzene	2400	280000	2400	5.9 ND
1,3-Dichloropropane	NA	NA	NA	5.9 ND
1,4-Dichlorobenzene	1800	130000	1800	5.9 ND
1,4-Dioxane	100	130000	100	120 ND
2,2-Dichloropropane	NA	NA	NA	5.9 ND
2-Butanone	120	500000	120	5.9 ND
2-Chlorotoluene	NA	NA	NA	5.9 ND
2-Hexanone	NA	NA	NA	5.9 ND
4-Chlorotoluene	NA	NA	NA	5.9 ND
4-Isopropyltoluene	NA	NA	NA	5.9 ND

Sample Location				DB-DW-8
Sample Name				DB-DW-8-15
Sample Date				1/21/2011
Sample Depth				15
AKA (name on lab data)				DB-OW8 (15)
Laboratory ID	Soil Cleanup Criteria			K0095-01
Constituent	POGW	Comm	Unrest	
4-Methyl-2-pentanone	NA	NA	NA	5.9 ND
Acetone	50	500000	50	15
Benzene	60	44000	60	5.9 ND
Bromobenzene	NA	NA	NA	5.9 ND
Bromochloromethane	NA	NA	NA	5.9 ND
Bromodichloromethane	NA	NA	NA	5.9 ND
Bromoform	NA	NA	NA	5.9 ND
Bromomethane	NA	NA	NA	5.9 ND
Carbon disulfide	NA	NA	NA	1.9 J
Carbon tetrachloride	760	22000	760	5.9 ND
Chlorobenzene	1100	500000	1100	5.9 ND
Chloroethane	NA	NA	NA	5.9 ND
Chloroform	370	350000	370	5.9 ND
Chloromethane	NA	NA	NA	5.9 ND
cis-1,2-Dichloroethene	250	500000	250	1.9 J
cis-1,3-Dichloropropene	NA	NA	NA	5.9 ND
Dibromochloromethane	NA	NA	NA	5.9 ND
Dibromomethane	NA	NA	NA	5.9 ND
Dichlorodifluoromethane	NA	NA	NA	5.9 ND
Ethylbenzene	1000	390000	1000	5.9 ND
Hexachlorobutadiene	NA	NA	NA	5.9 ND
Iodomethane	NA	NA	NA	5.9 ND
Isopropylbenzene	NA	NA	NA	5.9 ND
m,p-Xylene	1600	500000	260	5.9 ND
Methyl tert-butyl ether	930	500000	930	5.9 ND
Methylene chloride	50	500000	50	6
Naphthalene	12000	500000	12000	5.9 ND

Sample Location				DB-DW-8
Sample Name				DB-DW-8-15
Sample Date				1/21/2011
Sample Depth				15
AKA (name on lab data)				DB-OW8 (15)
Laboratory ID	Soil Cleanup Criteria			K0095-01
Constituent	POGW	Comm	Unrest	
n-Butylbenzene	12000	500000	12000	5.9 ND
n-Propylbenzene	3900	500000	3900	5.9 ND
o-Xylene	NA	NA	NA	5.9 ND
Tetrachloroethene	1300	150000	1300	3.4 J
sec-Butylbenzene	11000	500000	11000	5.9 ND
Styrene	NA	NA	NA	5.9 ND
Trichloroethene	470	200000	470	**560 D**
tert-Butylbenzene	5900	500000	5900	5.9 ND
Toluene	700	500000	700	2.5 B
trans-1,2-Dichloroethene	190	500000	190	5.9 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.9 ND
Trichlorofluoromethane	NA	NA	NA	5.9 ND
Vinyl acetate	NA	NA	NA	5.9 ND
Vinyl chloride	20	13000	20	5.9 ND
Xylene (Total)	1600	500000	260	5.9 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				161-DB-1	161-DB-2	161-DB-3	301-DB-1	301-DB-2
Sample Name				161-DB-1-23	161-DB-2-22	161-DB-3-22	301-DB-1-17	301-DB-2-18
Sample Date				3/16/2011	3/16/2011	3/16/2011	3/16/2011	3/16/2011
Sample Depth				23	22	22	17	18
AKA (name on lab data)				161-DB-1 (23')	161-DB-2 (22')	161-DB-3 (22')	301-DB-1 (17')	301-DB-2 (18')
Laboratory ID	Soil Cleanup Criteria			K0420-01	K0420-02	K0420-04	K0420-05	K0420-06
Constituent	POGW	Comm	Unrest					
1,1,1,2-Tetrachloroethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,1,1-Trichloroethane	680	500000	680	6.6 ND	6.2 ND	7.5 ND	6.5 ND	**3000 J**
1,1,2,2-Tetrachloroethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,1,2-Trichloroethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,1-Dichloroethane	270	240000	270	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,1-Dichloroethene	330	500000	330	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,1-Dichloropropene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,2,3-Trichlorobenzene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,2,3-Trichloropropane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,2,4-Trichlorobenzene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,2,4-Trimethylbenzene	3600	190000	3600	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,2-Dibromoethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,2-Dichlorobenzene	1100	500000	1100	6.6 ND	6.2 ND	7.5 ND	1.4 J	8300 ND
1,2-Dichloroethane	20	30000	20	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,2-Dichloropropane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,3,5-Trimethylbenzene	8400	190000	8400	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,3-Dichlorobenzene	2400	280000	2400	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,3-Dichloropropane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,4-Dichlorobenzene	1800	130000	1800	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
1,4-Dioxane	100	130000	100	130 R	120 R	150 R	130 R	170000 R
2,2-Dichloropropane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
2-Butanone	120	500000	120	6.6 NDJ	6.2 NDJ	7.5 NDJ	6.5 NDJ	8300 NDJ
2-Chlorotoluene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
2-Hexanone	NA	NA	NA	6.6 NDJ	6.2 NDJ	7.5 NDJ	6.5 NDJ	8300 ND
4-Chlorotoluene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
4-Isopropyltoluene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND

Sample Location				161-DB-1	161-DB-2	161-DB-3	301-DB-1	301-DB-2
Sample Name				161-DB-1-23	161-DB-2-22	161-DB-3-22	301-DB-1-17	301-DB-2-18
Sample Date				3/16/2011	3/16/2011	3/16/2011	3/16/2011	3/16/2011
Sample Depth				23	22	22	17	18
AKA (name on lab data)				161-DB-1 (23')	161-DB-2 (22')	161-DB-3 (22')	301-DB-1 (17')	301-DB-2 (18')
Laboratory ID	Soil Cleanup Criteria			K0420-01	K0420-02	K0420-04	K0420-05	K0420-06
Constituent	POGW	Comm	Unrest					
4-Methyl-2-pentanone	NA	NA	NA	6.6 NDJ	6.2 NDJ	7.5 NDJ	6.5 NDJ	8300 ND
Acetone	50	500000	50	6.6 NDJ	6.2 NDJ	7.5 NDJ	6.5 NDJ	8300 NDJ
Benzene	60	44000	60	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Bromobenzene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Bromochloromethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Bromodichloromethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Bromoform	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Bromomethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Carbon disulfide	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Carbon tetrachloride	760	22000	760	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Chlorobenzene	1100	500000	1100	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Chloroethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Chloroform	370	350000	370	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Chloromethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
cis-1,2-Dichloroethene	250	500000	250	7.3	6.2 ND	7.5 ND	15	8300 ND
cis-1,3-Dichloropropene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Dibromochloromethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Dibromomethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Dichlorodifluoromethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Ethylbenzene	1000	390000	1000	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Hexachlorobutadiene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Iodomethane	NA	NA	NA	6.6 NDJ	6.2 NDJ	7.5 NDJ	6.5 NDJ	8300 ND
Isopropylbenzene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
m,p-Xylene	1600	500000	260	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Methyl tert-butyl ether	930	500000	930	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Methylene chloride	50	500000	50	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Naphthalene	12000	500000	12000	6.6 ND	7.6 ND	7.5 ND	6.5 ND	8300 ND

Sample Location				161-DB-1	161-DB-2	161-DB-3	301-DB-1	301-DB-2
Sample Name				161-DB-1-23	161-DB-2-22	161-DB-3-22	301-DB-1-17	301-DB-2-18
Sample Date				3/16/2011	3/16/2011	3/16/2011	3/16/2011	3/16/2011
Sample Depth				23	22	22	17	18
AKA (name on lab data)				161-DB-1 (23')	161-DB-2 (22')	161-DB-3 (22')	301-DB-1 (17')	301-DB-2 (18')
Laboratory ID	Soil Cleanup Criteria			K0420-01	K0420-02	K0420-04	K0420-05	K0420-06
Constituent	POGW	Comm	Unrest					
n-Butylbenzene	12000	500000	12000	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
n-Propylbenzene	3900	500000	3900	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
o-Xylene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Tetrachloroethene	1300	150000	1300	37	6.2 ND	7.5 ND	36	**13000**
sec-Butylbenzene	11000	500000	11000	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Styrene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Trichloroethene	470	200000	470	**1000 D**	5.6 J	3.6 J	180	**1000000 D**
tert-Butylbenzene	5900	500000	5900	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Toluene	700	500000	700	6.6 ND	6.2 ND	7.5 ND	6.5 ND	**4200 J**
trans-1,2-Dichloroethene	190	500000	190	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
trans-1,3-Dichloropropene	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Trichlorofluoromethane	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Vinyl acetate	NA	NA	NA	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Vinyl chloride	20	13000	20	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND
Xylene (Total)	1600	500000	260	6.6 ND	6.2 ND	7.5 ND	6.5 ND	8300 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				301-DB-3	301-DB-4	301-DB-5	301-DB-6	301-DB-7
Sample Name				301-DB-3-17	301-DB-4-18	301-DB-5-17	301-DB-6-18	301-DB-7-17
Sample Date				3/16/2011	3/17/2011	3/17/2011	3/17/2011	3/17/2011
Sample Depth				17	18	17	18	17
AKA (name on lab data)				301-DB-3 (17')	301-DB-4 (18')	301-DB-5 (17')	301-DB-6 (18')	301-DB-7 (17')
Laboratory ID	Soil Cleanup Criteria			K0420-07	K0420-08	K0420-09	K0420-10	K0420-11
Constituent	POGW	Comm	Unrest					
1,1,1,2-Tetrachloroethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,1,1-Trichloroethane	680	500000	680	220 J	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,1,2-Trichloroethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,1-Dichloroethane	270	240000	270	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,1-Dichloroethene	330	500000	330	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,1-Dichloropropene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,2,3-Trichlorobenzene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,2,3-Trichloropropane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,2,4-Trichlorobenzene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,2,4-Trimethylbenzene	3600	190000	3600	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,2-Dibromoethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,2-Dichlorobenzene	1100	500000	1100	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,2-Dichloroethane	20	30000	20	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,2-Dichloropropane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,3,5-Trimethylbenzene	8400	190000	8400	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,3-Dichlorobenzene	2400	280000	2400	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,3-Dichloropropane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,4-Dichlorobenzene	1800	130000	1800	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
1,4-Dioxane	100	130000	100	40000 R	110 R	110 R	130 R	130 R
2,2-Dichloropropane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
2-Butanone	120	500000	120	2000 NDJ	5.5 NDJ	5.3 NDJ	6.5 NDJ	6.6 NDJ
2-Chlorotoluene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
2-Hexanone	NA	NA	NA	2000 ND	5.5 NDJ	5.3 NDJ	6.5 NDJ	6.6 NDJ
4-Chlorotoluene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
4-Isopropyltoluene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND

Sample Location				301-DB-3	301-DB-4	301-DB-5	301-DB-6	301-DB-7
Sample Name				301-DB-3-17	301-DB-4-18	301-DB-5-17	301-DB-6-18	301-DB-7-17
Sample Date				3/16/2011	3/17/2011	3/17/2011	3/17/2011	3/17/2011
Sample Depth				17	18	17	18	17
AKA (name on lab data)				301-DB-3 (17')	301-DB-4 (18')	301-DB-5 (17')	301-DB-6 (18')	301-DB-7 (17')
Laboratory ID	Soil Cleanup Criteria			K0420-07	K0420-08	K0420-09	K0420-10	K0420-11
Constituent	POGW	Comm	Unrest					
4-Methyl-2-pentanone	NA	NA	NA	2000 ND	5.5 NDJ	5.3 NDJ	6.5 NDJ	6.6 NDJ
Acetone	50	500000	50	2000 NDJ	5.5 NDJ	2.2 J	6.5 NDJ	6.6 NDJ
Benzene	60	44000	60	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Bromobenzene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Bromochloromethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Bromodichloromethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Bromoform	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Bromomethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Carbon disulfide	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Carbon tetrachloride	760	22000	760	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Chlorobenzene	1100	500000	1100	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Chloroethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Chloroform	370	350000	370	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Chloromethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
cis-1,2-Dichloroethene	250	500000	250	**520 J**	5.5 ND	5.3 ND	6.5 ND	6.6 ND
cis-1,3-Dichloropropene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Dibromochloromethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Dibromomethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Dichlorodifluoromethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Ethylbenzene	1000	390000	1000	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Hexachlorobutadiene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Iodomethane	NA	NA	NA	2000 ND	5.5 NDJ	5.3 NDJ	6.5 NDJ	6.6 NDJ
Isopropylbenzene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
m,p-Xylene	1600	500000	260	450 J	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Methyl tert-butyl ether	930	500000	930	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Methylene chloride	50	500000	50	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Naphthalene	12000	500000	12000	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND

Sample Location				301-DB-3	301-DB-4	301-DB-5	301-DB-6	301-DB-7
Sample Name				301-DB-3-17	301-DB-4-18	301-DB-5-17	301-DB-6-18	301-DB-7-17
Sample Date				3/16/2011	3/17/2011	3/17/2011	3/17/2011	3/17/2011
Sample Depth				17	18	17	18	17
AKA (name on lab data)				301-DB-3 (17')	301-DB-4 (18')	301-DB-5 (17')	301-DB-6 (18')	301-DB-7 (17')
Laboratory ID	Soil Cleanup Criteria			K0420-07	K0420-08	K0420-09	K0420-10	K0420-11
Constituent	POGW	Comm	Unrest					
n-Butylbenzene	12000	500000	12000	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
n-Propylbenzene	3900	500000	3900	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
o-Xylene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Tetrachloroethene	1300	150000	1300	**3300**	5.5 ND	5.3 ND	6.5 ND	6.6 ND
sec-Butylbenzene	11000	500000	11000	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Styrene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Trichloroethene	470	200000	470	**32000**	19	1.2 J	10	9.0
tert-Butylbenzene	5900	500000	5900	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Toluene	700	500000	700	680 J	5.5 ND	5.3 ND	6.5 ND	6.6 ND
trans-1,2-Dichloroethene	190	500000	190	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
trans-1,3-Dichloropropene	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Trichlorofluoromethane	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Vinyl acetate	NA	NA	NA	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Vinyl chloride	20	13000	20	2000 ND	5.5 ND	5.3 ND	6.5 ND	6.6 ND
Xylene (Total)	1600	500000	260	450 J	5.5 ND	5.3 ND	6.5 ND	6.6 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				301-DB-8
Sample Name				301-DB-8-18
Sample Date				3/17/2011
Sample Depth				18
AKA (name on lab data)				301-DB-8 (18')
Laboratory ID	Soil Cleanup Criteria			K0420-12
Constituent	POGW	Comm	Unrest	
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.8 ND
1,1,1-Trichloroethane	680	500000	680	5.8 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.8 ND
1,1,2-Trichloroethane	NA	NA	NA	5.8 ND
1,1-Dichloroethane	270	240000	270	5.8 ND
1,1-Dichloroethene	330	500000	330	5.8 ND
1,1-Dichloropropene	NA	NA	NA	5.8 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.8 ND
1,2,3-Trichloropropane	NA	NA	NA	5.8 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.8 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.8 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.8 ND
1,2-Dibromoethane	NA	NA	NA	5.8 ND
1,2-Dichlorobenzene	1100	500000	1100	5.8 ND
1,2-Dichloroethane	20	30000	20	5.8 ND
1,2-Dichloropropane	NA	NA	NA	5.8 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.8 ND
1,3-Dichlorobenzene	2400	280000	2400	5.8 ND
1,3-Dichloropropane	NA	NA	NA	5.8 ND
1,4-Dichlorobenzene	1800	130000	1800	5.8 ND
1,4-Dioxane	100	130000	100	120 R
2,2-Dichloropropane	NA	NA	NA	5.8 ND
2-Butanone	120	500000	120	5.8 NDJ
2-Chlorotoluene	NA	NA	NA	5.8 ND
2-Hexanone	NA	NA	NA	5.8 NDJ
4-Chlorotoluene	NA	NA	NA	5.8 ND
4-Isopropyltoluene	NA	NA	NA	5.8 ND

Sample Location				301-DB-8
Sample Name				301-DB-8-18
Sample Date				3/17/2011
Sample Depth				18
AKA (name on lab data)				301-DB-8 (18')
Laboratory ID	Soil Cleanup Criteria			K0420-12
Constituent	POGW	Comm	Unrest	
4-Methyl-2-pentanone	NA	NA	NA	5.8 NDJ
Acetone	50	500000	50	5.8 NDJ
Benzene	60	44000	60	5.8 ND
Bromobenzene	NA	NA	NA	5.8 ND
Bromochloromethane	NA	NA	NA	5.8 ND
Bromodichloromethane	NA	NA	NA	5.8 ND
Bromoform	NA	NA	NA	5.8 ND
Bromomethane	NA	NA	NA	5.8 ND
Carbon disulfide	NA	NA	NA	5.8 ND
Carbon tetrachloride	760	22000	760	5.8 ND
Chlorobenzene	1100	500000	1100	5.8 ND
Chloroethane	NA	NA	NA	5.8 ND
Chloroform	370	350000	370	5.8 ND
Chloromethane	NA	NA	NA	5.8 ND
cis-1,2-Dichloroethene	250	500000	250	5.8 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.8 ND
Dibromochloromethane	NA	NA	NA	5.8 ND
Dibromomethane	NA	NA	NA	5.8 ND
Dichlorodifluoromethane	NA	NA	NA	5.8 ND
Ethylbenzene	1000	390000	1000	5.8 ND
Hexachlorobutadiene	NA	NA	NA	5.8 ND
Iodomethane	NA	NA	NA	5.8 NDJ
Isopropylbenzene	NA	NA	NA	5.8 ND
m,p-Xylene	1600	500000	260	5.8 ND
Methyl tert-butyl ether	930	500000	930	5.8 ND
Methylene chloride	50	500000	50	5.8 ND
Naphthalene	12000	500000	12000	5.8 ND

Sample Location				301-DB-8
Sample Name				301-DB-8-18
Sample Date				3/17/2011
Sample Depth				18
AKA (name on lab data)				301-DB-8 (18')
Laboratory ID	Soil Cleanup Criteria			K0420-12
Constituent	POGW	Comm	Unrest	
n-Butylbenzene	12000	500000	12000	5.8 ND
n-Propylbenzene	3900	500000	3900	5.8 ND
o-Xylene	NA	NA	NA	5.8 ND
Tetrachloroethene	1300	150000	1300	5.8 ND
sec-Butylbenzene	11000	500000	11000	5.8 ND
Styrene	NA	NA	NA	5.8 ND
Trichloroethene	470	200000	470	2.5 J
tert-Butylbenzene	5900	500000	5900	5.8 ND
Toluene	700	500000	700	5.8 ND
trans-1,2-Dichloroethene	190	500000	190	5.8 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.8 ND
Trichlorofluoromethane	NA	NA	NA	5.8 ND
Vinyl acetate	NA	NA	NA	5.8 ND
Vinyl chloride	20	13000	20	5.8 ND
Xylene (Total)	1600	500000	260	5.8 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				MW-301-1-SI	MW-301-1-SI	MW-301-1-D	MW-301-1-SI	MW-301-2
Sample Name				MW-301-1-14	MW-301-1-29	MW-301-1-114	MW-301-1-94	MW-301-2-25
Sample Date				4/4/2011	4/4/2011	4/6/2011	4/6/2011	4/8/2011
Sample Depth				14	29	114	94	25
AKA (name on lab data)				MW301-14	MW301-29	MW301-01-114	MW301-01-94	MW301-02-25
Laboratory ID	Soil Cleanup Criteria			K0529-01	K0529-02	K0529-04	K0529-03	K0584-01
Constituent	POGW	Comm	Unrest					
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,1,1-Trichloroethane	680	500000	680	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,1,2-Trichloroethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,1-Dichloroethane	270	240000	270	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,1-Dichloroethene	330	500000	330	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,1-Dichloropropene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,2,3-Trichloropropane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,2,4-Trimethylbenzene	3600	190000	3600	3.8 J	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,2-Dibromoethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,2-Dichlorobenzene	1100	500000	1100	11	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,2-Dichloroethane	20	30000	20	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,2-Dichloropropane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,3-Dichlorobenzene	2400	280000	2400	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,3-Dichloropropane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,4-Dichlorobenzene	1800	130000	1800	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
1,4-Dioxane	100	130000	100	110 R	100 R	110 R	110 R	110 R
2,2-Dichloropropane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
2-Butanone	120	500000	120	5.3 NDJ	5.0 ND	5.3 NDJ	5.7 NDJ	5.3 NDJ
2-Chlorotoluene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
2-Hexanone	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
4-Chlorotoluene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
4-Isopropyltoluene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND

Sample Location				MW-301-1-SI	MW-301-1-SI	MW-301-1-D	MW-301-1-SI	MW-301-2
Sample Name				MW-301-1-14	MW-301-1-29	MW-301-1-114	MW-301-1-94	MW-301-2-25
Sample Date				4/4/2011	4/4/2011	4/6/2011	4/6/2011	4/8/2011
Sample Depth				14	29	114	94	25
AKA (name on lab data)				MW301-14	MW301-29	MW301-01-114	MW301-01-94	MW301-02-25
Laboratory ID	Soil Cleanup Criteria			K0529-01	K0529-02	K0529-04	K0529-03	K0584-01
Constituent	POGW	Comm	Unrest					
4-Methyl-2-pentanone	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Acetone	50	500000	50	5.3 NDJ	5.0 ND	14 J	25 J	5.3 NDJ
Benzene	60	44000	60	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Bromobenzene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Bromochloromethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Bromodichloromethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Bromoform	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Bromomethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Carbon disulfide	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Carbon tetrachloride	760	22000	760	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Chlorobenzene	1100	500000	1100	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Chloroethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Chloroform	370	350000	370	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Chloromethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
cis-1,2-Dichloroethene	250	500000	250	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Dibromochloromethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Dibromomethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Dichlorodifluoromethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 NDJ	5.7 NDJ	5.3 ND
Ethylbenzene	1000	390000	1000	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Hexachlorobutadiene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Iodomethane	NA	NA	NA	5.3 NDJ	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Isopropylbenzene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
m,p-Xylene	1600	500000	260	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Methyl tert-butyl ether	930	500000	930	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Methylene chloride	50	500000	50	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Naphthalene	12000	500000	12000	5.3 ND	1.5 BJ	5.3 NDJ	5.7 NDJ	5.3 NDJ

Sample Location				MW-301-1-SI	MW-301-1-SI	MW-301-1-D	MW-301-1-SI	MW-301-2
Sample Name				MW-301-1-14	MW-301-1-29	MW-301-1-114	MW-301-1-94	MW-301-2-25
Sample Date				4/4/2011	4/4/2011	4/6/2011	4/6/2011	4/8/2011
Sample Depth				14	29	114	94	25
AKA (name on lab data)				MW301-14	MW301-29	MW301-01-114	MW301-01-94	MW301-02-25
Laboratory ID	Soil Cleanup Criteria			K0529-01	K0529-02	K0529-04	K0529-03	K0584-01
Constituent	POGW	Comm	Unrest					
n-Butylbenzene	12000	500000	12000	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
n-Propylbenzene	3900	500000	3900	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
o-Xylene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Tetrachloroethene	1300	150000	1300	3.4 J	5.0 ND	5.3 ND	5.7 ND	5.3 ND
sec-Butylbenzene	11000	500000	11000	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Styrene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Trichloroethene	470	200000	470	5.4	5.0 ND	5.3 ND	5.7 ND	5.3 ND
tert-Butylbenzene	5900	500000	5900	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Toluene	700	500000	700	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
trans-1,2-Dichloroethene	190	500000	190	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Trichlorofluoromethane	NA	NA	NA	5.3 ND	5.0 ND	5.3 NDJ	5.7 NDJ	5.3 ND
Vinyl acetate	NA	NA	NA	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Vinyl chloride	20	13000	20	5.3 ND	5.0 ND	5.3 ND	5.7 ND	5.3 ND
Xylene (Total)	1600	500000	260	1.4 J	5.0 ND	5.3 ND	5.7 ND	5.3 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				MW-301-2	MW-301-2	MW-301-2	MW-301-2	MW-301-2
Sample Name				MW-301-2-39	MW-301-2-9	MW-301-2-75	MW-301-2-80	MW-301-2-123
Sample Date				4/8/2011	4/14/2011	4/11/2011	4/11/2011	4/12/2011
Sample Depth				39	9	75	80	123
AKA (name on lab data)				MW301-02-39	MW301-02-9	MW301-02-75	MW301-02-80	MW301-02-123
Laboratory ID	Soil Cleanup Criteria			K0584-02	K0610-02	K0584-05	K0584-04	K0610-01
Constituent	POGW	Comm	Unrest			Dup of MW-301-2-75		
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,1,1-Trichloroethane	680	500000	680	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,1,2-Trichloroethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,1-Dichloroethane	270	240000	270	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,1-Dichloroethene	330	500000	330	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,1-Dichloropropene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,2,3-Trichloropropane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,2-Dibromoethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,2-Dichlorobenzene	1100	500000	1100	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,2-Dichloroethane	20	30000	20	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,2-Dichloropropane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,3-Dichlorobenzene	2400	280000	2400	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,3-Dichloropropane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,4-Dichlorobenzene	1800	130000	1800	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
1,4-Dioxane	100	130000	100	100 R	120 R	110 R	120 R	110 R
2,2-Dichloropropane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
2-Butanone	120	500000	120	5.1 NDJ	5.8 NDJ	5.4 NDJ	6 NDJ	5.3 NDJ
2-Chlorotoluene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
2-Hexanone	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
4-Chlorotoluene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
4-Isopropyltoluene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND

Sample Location				MW-301-2	MW-301-2	MW-301-2	MW-301-2	MW-301-2
Sample Name				MW-301-2-39	MW-301-2-9	MW-301-2-75	MW-301-2-80	MW-301-2-123
Sample Date				4/8/2011	4/14/2011	4/11/2011	4/11/2011	4/12/2011
Sample Depth				39	9	75	80	123
AKA (name on lab data)				MW301-02-39	MW301-02-9	MW301-02-75	MW301-02-80	MW301-02-123
Laboratory ID	Soil Cleanup Criteria			K0584-02	K0610-02	K0584-05	K0584-04	K0610-01
Constituent	POGW	Comm	Unrest			Dup of MW-301-2-75		
4-Methyl-2-pentanone	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Acetone	50	500000	50	5.1 NDJ	5.8 NDJ	5.4 NDJ	6 NDJ	5.3 NDJ
Benzene	60	44000	60	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Bromobenzene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Bromochloromethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Bromodichloromethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Bromoform	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Bromomethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Carbon disulfide	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Carbon tetrachloride	760	22000	760	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Chlorobenzene	1100	500000	1100	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Chloroethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Chloroform	370	350000	370	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Chloromethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
cis-1,2-Dichloroethene	250	500000	250	5.1 ND	1.4 NDJ	5.4 ND	6 ND	5.3 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Dibromochloromethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Dibromomethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Dichlorodifluoromethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 NDJ
Ethylbenzene	1000	390000	1000	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Hexachlorobutadiene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Iodomethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Isopropylbenzene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
m,p-Xylene	1600	500000	260	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Methyl tert-butyl ether	930	500000	930	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Methylene chloride	50	500000	50	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Naphthalene	12000	500000	12000	5.1 NDJ	5.8 NDJ	5.4 NDJ	6 NDJ	1.3 J

Sample Location				MW-301-2	MW-301-2	MW-301-2	MW-301-2	MW-301-2
Sample Name				MW-301-2-39	MW-301-2-9	MW-301-2-75	MW-301-2-80	MW-301-2-123
Sample Date				4/8/2011	4/14/2011	4/11/2011	4/11/2011	4/12/2011
Sample Depth				39	9	75	80	123
AKA (name on lab data)				MW301-02-39	MW301-02-9	MW301-02-75	MW301-02-80	MW301-02-123
Laboratory ID	Soil Cleanup Criteria			K0584-02	K0610-02	K0584-05	K0584-04	K0610-01
Constituent	POGW	Comm	Unrest			Dup of MW-301-2-75		
n-Butylbenzene	12000	500000	12000	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
n-Propylbenzene	3900	500000	3900	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
o-Xylene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Tetrachloroethene	1300	150000	1300	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
sec-Butylbenzene	11000	500000	11000	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Styrene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Trichloroethene	470	200000	470	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
tert-Butylbenzene	5900	500000	5900	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Toluene	700	500000	700	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
trans-1,2-Dichloroethene	190	500000	190	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Trichlorofluoromethane	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Vinyl acetate	NA	NA	NA	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Vinyl chloride	20	13000	20	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND
Xylene (Total)	1600	500000	260	5.1 ND	5.8 ND	5.4 ND	6 ND	5.3 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				MW-301-3	MW-301-3	MW-301-3	MW-301-4	MW-301-4
Sample Name				MW-301-3-64	MW-301-3-89	MW-301-3-119	MW-301-4-119	MW-301-4-29
Sample Date				4/18/2011	4/18/2011	4/19/2011	4/20/2011	4/20/2011
Sample Depth				64	89	119	119	29
AKA (name on lab data)				MW301-03-64	MW301-03-89	MW301-03-119	MW301-03-119	MW301-04-29
Laboratory ID	Soil Cleanup Criteria			K0638-01	K0638-02	K0638-03	K0638-03	K0683-08
Constituent	POGW	Comm	Unrest					
1,1,1,2-Tetrachloroethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,1,1-Trichloroethane	680	500000	680	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,1,2-Trichloroethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,1-Dichloroethane	270	240000	270	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,1-Dichloroethene	330	500000	330	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,1-Dichloropropene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,2,3-Trichlorobenzene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,2,3-Trichloropropane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,2,4-Trichlorobenzene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,2,4-Trimethylbenzene	3600	190000	3600	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,2-Dibromoethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,2-Dichlorobenzene	1100	500000	1100	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,2-Dichloroethane	20	30000	20	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,2-Dichloropropane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,3,5-Trimethylbenzene	8400	190000	8400	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,3-Dichlorobenzene	2400	280000	2400	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,3-Dichloropropane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,4-Dichlorobenzene	1800	130000	1800	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
1,4-Dioxane	100	130000	100	120 R	120 R	130 R	110 R	100 R
2,2-Dichloropropane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
2-Butanone	120	500000	120	6 NDJ	6 NDJ	6.5 NDJ	5.5 NDJ	5 NDJ
2-Chlorotoluene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
2-Hexanone	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
4-Chlorotoluene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
4-Isopropyltoluene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND

Sample Location				MW-301-3	MW-301-3	MW-301-3	MW-301-4	MW-301-4
Sample Name				MW-301-3-64	MW-301-3-89	MW-301-3-119	MW-301-4-119	MW-301-4-29
Sample Date				4/18/2011	4/18/2011	4/19/2011	4/20/2011	4/20/2011
Sample Depth				64	89	119	119	29
AKA (name on lab data)				MW301-03-64	MW301-03-89	MW301-03-119	MW301-03-119	MW301-04-29
Laboratory ID	Soil Cleanup Criteria			K0638-01	K0638-02	K0638-03	K0638-03	K0683-08
Constituent	POGW	Comm	Unrest					
4-Methyl-2-pentanone	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Acetone	50	500000	50	6 NDJ	6 NDJ	6.5 NDJ	5.5 NDJ	5 NDJ
Benzene	60	44000	60	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Bromobenzene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Bromochloromethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Bromodichloromethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Bromoform	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Bromomethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Carbon disulfide	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Carbon tetrachloride	760	22000	760	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Chlorobenzene	1100	500000	1100	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Chloroethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Chloroform	370	350000	370	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Chloromethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
cis-1,2-Dichloroethene	250	500000	250	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
cis-1,3-Dichloropropene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Dibromochloromethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Dibromomethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Dichlorodifluoromethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Ethylbenzene	1000	390000	1000	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Hexachlorobutadiene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Iodomethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 NDJ
Isopropylbenzene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
m,p-Xylene	1600	500000	260	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Methyl tert-butyl ether	930	500000	930	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Methylene chloride	50	500000	50	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Naphthalene	12000	500000	12000	6 NDJ	6 NDJ	6.5 NDJ	5.5 NDJ	5 ND

Sample Location				MW-301-3	MW-301-3	MW-301-3	MW-301-4	MW-301-4
Sample Name				MW-301-3-64	MW-301-3-89	MW-301-3-119	MW-301-4-119	MW-301-4-29
Sample Date				4/18/2011	4/18/2011	4/19/2011	4/20/2011	4/20/2011
Sample Depth				64	89	119	119	29
AKA (name on lab data)				MW301-03-64	MW301-03-89	MW301-03-119	MW301-03-119	MW301-04-29
Laboratory ID	Soil Cleanup Criteria			K0638-01	K0638-02	K0638-03	K0638-03	K0683-08
Constituent	POGW	Comm	Unrest					
n-Butylbenzene	12000	500000	12000	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
n-Propylbenzene	3900	500000	3900	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
o-Xylene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Tetrachloroethene	1300	150000	1300	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
sec-Butylbenzene	11000	500000	11000	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Styrene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Trichloroethene	470	200000	470	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
tert-Butylbenzene	5900	500000	5900	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Toluene	700	500000	700	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
trans-1,2-Dichloroethene	190	500000	190	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
trans-1,3-Dichloropropene	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Trichlorofluoromethane	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Vinyl acetate	NA	NA	NA	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Vinyl chloride	20	13000	20	6 ND	6 ND	6.5 ND	5.5 ND	5 ND
Xylene (Total)	1600	500000	260	6 ND	6 ND	6.5 ND	5.5 ND	5 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				MW-301-4	MW-301-4	MW-301-4	MW-161-2	MW-161-2
Sample Name				MW-301-4-55	MW-301-4-65	MW-301-4-89	MW-161-2-120	MW-161-2-55
Sample Date				4/20/2011	4/20/2011	4/20/2011	4/26/2011	4/26/2011
Sample Depth				55	65	89	120	55
AKA (name on lab data)				MW301-04-55	MW301-04-65	MW301-04-89	MW161-02-120	MW161-02-55
Laboratory ID	Soil Cleanup Criteria			K0638-04	K0638-05	K0638-06	K0723-03	K0723-01
Constituent	POGW	Comm	Unrest					
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,1,1-Trichloroethane	680	500000	680	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,1,2-Trichloroethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,1-Dichloroethane	270	240000	270	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,1-Dichloroethene	330	500000	330	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,1-Dichloropropene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,2,3-Trichloropropane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,2-Dibromoethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,2-Dichlorobenzene	1100	500000	1100	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,2-Dichloroethane	20	30000	20	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,2-Dichloropropane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,3-Dichlorobenzene	2400	280000	2400	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,3-Dichloropropane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,4-Dichlorobenzene	1800	130000	1800	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
1,4-Dioxane	100	130000	100	110 R	110 R	110 R	110 R	110 R
2,2-Dichloropropane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
2-Butanone	120	500000	120	5.5 NDJ	5.7 NDJ	5.5 NDJ	5.3 NDJ	5.5 NDJ
2-Chlorotoluene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
2-Hexanone	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
4-Chlorotoluene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
4-Isopropyltoluene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND

Sample Location				MW-301-4	MW-301-4	MW-301-4	MW-161-2	MW-161-2
Sample Name				MW-301-4-55	MW-301-4-65	MW-301-4-89	MW-161-2-120	MW-161-2-55
Sample Date				4/20/2011	4/20/2011	4/20/2011	4/26/2011	4/26/2011
Sample Depth				55	65	89	120	55
AKA (name on lab data)				MW301-04-55	MW301-04-65	MW301-04-89	MW161-02-120	MW161-02-55
Laboratory ID	Soil Cleanup Criteria			K0638-04	K0638-05	K0638-06	K0723-03	K0723-01
Constituent	POGW	Comm	Unrest					
4-Methyl-2-pentanone	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Acetone	50	500000	50	5.5 NDJ	5.7 NDJ	5.5 NDJ	5.3 NDJ	5.5 NDJ
Benzene	60	44000	60	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Bromobenzene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Bromochloromethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Bromodichloromethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Bromoform	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Bromomethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Carbon disulfide	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Carbon tetrachloride	760	22000	760	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Chlorobenzene	1100	500000	1100	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Chloroethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Chloroform	370	350000	370	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Chloromethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
cis-1,2-Dichloroethene	250	500000	250	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Dibromochloromethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Dibromomethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Dichlorodifluoromethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Ethylbenzene	1000	390000	1000	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Hexachlorobutadiene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Iodomethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Isopropylbenzene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
m,p-Xylene	1600	500000	260	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Methyl tert-butyl ether	930	500000	930	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Methylene chloride	50	500000	50	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Naphthalene	12000	500000	12000	5.5 NDJ	1.8 J	5.5 NDJ	5.3 NDJ	5.5 NDJ

Sample Location				MW-301-4	MW-301-4	MW-301-4	MW-161-2	MW-161-2
Sample Name				MW-301-4-55	MW-301-4-65	MW-301-4-89	MW-161-2-120	MW-161-2-55
Sample Date				4/20/2011	4/20/2011	4/20/2011	4/26/2011	4/26/2011
Sample Depth				55	65	89	120	55
AKA (name on lab data)				MW301-04-55	MW301-04-65	MW301-04-89	MW161-02-120	MW161-02-55
Laboratory ID	Soil Cleanup Criteria			K0638-04	K0638-05	K0638-06	K0723-03	K0723-01
Constituent	POGW	Comm	Unrest					
n-Butylbenzene	12000	500000	12000	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
n-Propylbenzene	3900	500000	3900	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
o-Xylene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Tetrachloroethene	1300	150000	1300	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
sec-Butylbenzene	11000	500000	11000	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Styrene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Trichloroethene	470	200000	470	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
tert-Butylbenzene	5900	500000	5900	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Toluene	700	500000	700	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
trans-1,2-Dichloroethene	190	500000	190	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Trichlorofluoromethane	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Vinyl acetate	NA	NA	NA	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Vinyl chloride	20	13000	20	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND
Xylene (Total)	1600	500000	260	5.5 ND	5.7 ND	5.5 ND	5.3 ND	5.5 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				MW-161-2	MW-161-1-S	MW-161-1-ID	MW-161-1-ID
Sample Name				MW-161-2-94	MW-161-1-60	MW-161-1-119	MW-161-1-85
Sample Date				4/26/2011	4/27/2011	4/28/2011	4/28/2011
Sample Depth				94	60	119	85
AKA (name on lab data)				MW161-02-94	MW161-01-60	MW161-01-119	MW161-01-85
Laboratory ID	Soil Cleanup Criteria			K0723-02	K0723-04	K0723-06	K0723-05
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
1,1,1-Trichloroethane	680	500000	680	5.4 ND	5.5 ND	1 ND	6.5 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
1,1,2-Trichloroethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
1,1-Dichloroethane	270	240000	270	5.4 ND	5.5 ND	1 ND	6.5 ND
1,1-Dichloroethene	330	500000	330	5.4 ND	5.5 ND	1 ND	6.5 ND
1,1-Dichloropropene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
1,2,3-Trichloropropane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.4 ND	5.5 ND	1 ND	6.5 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.4 ND	5.5 ND	1 NDJ	6.5 ND
1,2-Dibromoethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
1,2-Dichlorobenzene	1100	500000	1100	5.4 ND	5.5 ND	1 ND	6.5 ND
1,2-Dichloroethane	20	30000	20	5.4 ND	5.5 ND	1 ND	6.5 ND
1,2-Dichloropropane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.4 ND	5.5 ND	1 ND	6.5 ND
1,3-Dichlorobenzene	2400	280000	2400	5.4 ND	5.5 ND	1 ND	6.5 ND
1,3-Dichloropropane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
1,4-Dichlorobenzene	1800	130000	1800	5.4 ND	5.5 ND	1 ND	6.5 ND
1,4-Dioxane	100	130000	100	110 R	110 R	100 R	130 R
2,2-Dichloropropane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
2-Butanone	120	500000	120	5.4 ND	5.5 NDJ	5 NDJ	6.5 NDJ
2-Chlorotoluene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
2-Hexanone	NA	NA	NA	5.4 ND	5.5 ND	5 ND	6.5 ND
4-Chlorotoluene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
4-Isopropyltoluene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND

Sample Location				MW-161-2	MW-161-1-S	MW-161-1-ID	MW-161-1-ID
Sample Name				MW-161-2-94	MW-161-1-60	MW-161-1-119	MW-161-1-85
Sample Date				4/26/2011	4/27/2011	4/28/2011	4/28/2011
Sample Depth				94	60	119	85
AKA (name on lab data)				MW161-02-94	MW161-01-60	MW161-01-119	MW161-01-85
Laboratory ID	Soil Cleanup Criteria			K0723-02	K0723-04	K0723-06	K0723-05
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	5.4 ND	5.5 ND	5 ND	6.5 ND
Acetone	50	500000	50	5.4 ND	5.5 NDJ	5 NDJ	6.5 NDJ
Benzene	60	44000	60	5.4 ND	5.5 ND	1 ND	6.5 ND
Bromobenzene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Bromochloromethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Bromodichloromethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Bromoform	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Bromomethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Carbon disulfide	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Carbon tetrachloride	760	22000	760	5.4 ND	5.5 ND	1 ND	6.5 ND
Chlorobenzene	1100	500000	1100	5.4 ND	5.5 ND	1 ND	6.5 ND
Chloroethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Chloroform	370	350000	370	5.4 ND	5.5 ND	1 ND	6.5 ND
Chloromethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
cis-1,2-Dichloroethene	250	500000	250	5.4 ND	5.5 ND	1 ND	6.5 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Dibromochloromethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Dibromomethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Dichlorodifluoromethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Ethylbenzene	1000	390000	1000	5.4 ND	5.5 ND	1 ND	6.5 ND
Hexachlorobutadiene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Iodomethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Isopropylbenzene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
m,p-Xylene	1600	500000	260	5.4 ND	5.5 ND	1 ND	6.5 ND
Methyl tert-butyl ether	930	500000	930	5.4 ND	5.5 ND	1 ND	6.5 ND
Methylene chloride	50	500000	50	5.4 ND	5.5 ND	1 ND	6.5 ND
Naphthalene	12000	500000	12000	5.4 ND	5.5 NDJ	1 ND	6.5 ND

Sample Location				MW-161-2	MW-161-1-S	MW-161-1-ID	MW-161-1-ID
Sample Name				MW-161-2-94	MW-161-1-60	MW-161-1-119	MW-161-1-85
Sample Date				4/26/2011	4/27/2011	4/28/2011	4/28/2011
Sample Depth				94	60	119	85
AKA (name on lab data)				MW161-02-94	MW161-01-60	MW161-01-119	MW161-01-85
Laboratory ID	Soil Cleanup Criteria			K0723-02	K0723-04	K0723-06	K0723-05
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	5.4 ND	5.5 ND	1 ND	6.5 ND
n-Propylbenzene	3900	500000	3900	5.4 ND	5.5 ND	1 ND	6.5 ND
o-Xylene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Tetrachloroethene	1300	150000	1300	5.4 ND	5.5 ND	1 ND	6.5 ND
sec-Butylbenzene	11000	500000	11000	5.4 ND	5.5 ND	1 ND	6.5 ND
Styrene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Trichloroethene	470	200000	470	5.4 ND	5.5 ND	18	2.4 J
tert-Butylbenzene	5900	500000	5900	5.4 ND	5.5 ND	1 ND	6.5 ND
Toluene	700	500000	700	5.4 ND	5.5 ND	0.53 J	6.5 ND
trans-1,2-Dichloroethene	190	500000	190	5.4 ND	5.5 ND	1 ND	6.5 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Trichlorofluoromethane	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Vinyl acetate	NA	NA	NA	5.4 ND	5.5 ND	1 ND	6.5 ND
Vinyl chloride	20	13000	20	5.4 ND	5.5 ND	1 ND	6.5 ND
Xylene (Total)	1600	500000	260	5.4 ND	5.5 ND	1 ND	6.5 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				DW9N-NE	DW9N-NE	DW9N-NW	DW9N-NW
Sample Name				DW9N-NE-24	DW9N-NE-40	DW9N-NW-30	DW9N-NW-40
Sample Date				3/5/2012	3/5/2012	3/5/2012	3/5/2012
Sample Depth				24	40	30	40
AKA (name on lab data)				DW9N-NE-24	DW9N-NE-40	DW9N-NW-30	DW9N-NW-40
Laboratory ID	Soil Cleanup Criteria			L0443-01	L0443-04	L0443-05	L0443-02
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
1,1,1-Trichloroethane	680	500000	680	4.6 ND	5.1 ND	5.1 ND	5 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
1,1,2-Trichloroethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
1,1-Dichloroethane	270	240000	270	4.6 ND	5.1 ND	5.1 ND	5 ND
1,1-Dichloroethene	330	500000	330	4.6 ND	5.1 ND	5.1 ND	5 ND
1,1-Dichloropropene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
1,2,3-Trichlorobenzene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
1,2,3-Trichloropropane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
1,2,4-Trichlorobenzene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
1,2,4-Trimethylbenzene	3600	190000	3600	4.6 ND	5.1 ND	5.1 ND	5 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
1,2-Dibromoethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
1,2-Dichlorobenzene	1100	500000	1100	4.6 ND	5.1 ND	5.1 ND	5 ND
1,2-Dichloroethane	20	30000	20	4.6 ND	5.1 ND	5.1 ND	5 ND
1,2-Dichloropropane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
1,3,5-Trimethylbenzene	8400	190000	8400	4.6 ND	5.1 ND	5.1 ND	5 ND
1,3-Dichlorobenzene	2400	280000	2400	4.6 ND	5.1 ND	5.1 ND	5 ND
1,3-Dichloropropane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
1,4-Dichlorobenzene	1800	130000	1800	4.6 ND	5.1 ND	5.1 ND	5 ND
1,4-Dioxane	100	130000	100	92 R	100 R	100 R	100 R
2,2-Dichloropropane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
2-Butanone	120	500000	120	4.6 NDJ	5.1 NDJ	5.1 NDJ	5 NDJ
2-Chlorotoluene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
2-Hexanone	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
4-Chlorotoluene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
4-Isopropyltoluene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND

Sample Location				DW9N-NE	DW9N-NE	DW9N-NW	DW9N-NW
Sample Name				DW9N-NE-24	DW9N-NE-40	DW9N-NW-30	DW9N-NW-40
Sample Date				3/5/2012	3/5/2012	3/5/2012	3/5/2012
Sample Depth				24	40	30	40
AKA (name on lab data)				DW9N-NE-24	DW9N-NE-40	DW9N-NW-30	DW9N-NW-40
Laboratory ID	Soil Cleanup Criteria			L0443-01	L0443-04	L0443-05	L0443-02
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Acetone	50	500000	50	4.6 NDJ	5.1 NDJ	5.1 NDJ	5 NDJ
Benzene	60	44000	60	4.6 ND	5.1 ND	5.1 ND	5 ND
Bromobenzene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Bromochloromethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Bromodichloromethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Bromoform	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Bromomethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Carbon disulfide	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Carbon tetrachloride	760	22000	760	4.6 ND	5.1 ND	5.1 ND	5 ND
Chlorobenzene	1100	500000	1100	4.6 ND	5.1 ND	5.1 ND	5 ND
Chloroethane	NA	NA	NA	4.6 NDJ	5.1 NDJ	5.1 NDJ	5 ND
Chloroform	370	350000	370	4.6 ND	5.1 ND	5.1 ND	5 ND
Chloromethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
cis-1,2-Dichloroethene	250	500000	250	4.6 ND	5.1 ND	5.1 ND	5 ND
cis-1,3-Dichloropropene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Dibromochloromethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Dibromomethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Dichlorodifluoromethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Ethylbenzene	1000	390000	1000	4.6 ND	5.1 ND	5.1 ND	5 ND
Hexachlorobutadiene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Iodomethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 NDJ
Isopropylbenzene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
m,p-Xylene	1600	500000	260	4.6 ND	5.1 ND	5.1 ND	5 ND
Methyl tert-butyl ether	930	500000	930	4.6 ND	5.1 ND	5.1 ND	5 ND
Methylene chloride	50	500000	50	4.6 ND	5.1 ND	5.1 ND	5 ND
Naphthalene	12000	500000	12000	4.6 ND	5.1 ND	5.1 ND	5 ND

Sample Location				DW9N-NE	DW9N-NE	DW9N-NW	DW9N-NW
Sample Name				DW9N-NE-24	DW9N-NE-40	DW9N-NW-30	DW9N-NW-40
Sample Date				3/5/2012	3/5/2012	3/5/2012	3/5/2012
Sample Depth				24	40	30	40
AKA (name on lab data)				DW9N-NE-24	DW9N-NE-40	DW9N-NW-30	DW9N-NW-40
Laboratory ID	Soil Cleanup Criteria			L0443-01	L0443-04	L0443-05	L0443-02
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	4.6 ND	5.1 ND	5.1 ND	5 ND
n-Propylbenzene	3900	500000	3900	4.6 ND	5.1 ND	5.1 ND	5 ND
o-Xylene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Tetrachloroethene	1300	150000	1300	4.6 ND	5.1 ND	5.1 ND	5 ND
sec-Butylbenzene	11000	500000	11000	4.6 ND	5.1 ND	5.1 ND	5 ND
Styrene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Trichloroethene	470	200000	470	4.6 ND	5.1 ND	5.1 ND	5 ND
tert-Butylbenzene	5900	500000	5900	4.6 ND	5.1 ND	5.1 ND	5 ND
Toluene	700	500000	700	4.6 ND	5.1 ND	5.1 ND	5 ND
trans-1,2-Dichloroethene	190	500000	190	4.6 ND	5.1 ND	5.1 ND	5 ND
trans-1,3-Dichloropropene	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Trichlorofluoromethane	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Vinyl acetate	NA	NA	NA	4.6 ND	5.1 ND	5.1 ND	5 ND
Vinyl chloride	20	13000	20	4.6 ND	5.1 ND	5.1 ND	5 ND
Xylene (Total)	1600	500000	260	4.6 ND	5.1 ND	5.1 ND	5 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				DW9N-S	DW9N-S	301-DB2-NW	301-DB2-NW
Sample Name				DW9N-S-32	DW9N-S-40	301-DB2-NW-50	301-DB2-NW-56
Sample Date				3/5/2012	3/5/2012	3/6/2012	3/6/2012
Sample Depth				32	40	50	56
AKA (name on lab data)				DW9N-S-32	DW9N-S-40	301-DB2-NW-50	301-DB2-NW-56
Laboratory ID	Soil Cleanup Criteria			L0443-03	L0443-06	L0476-01	L0476-02
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,1,1-Trichloroethane	680	500000	680	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,1,2-Trichloroethane	NA	NA	NA	4.8 NDJ	4.8 ND	5.1 ND	4.9 ND
1,1-Dichloroethane	270	240000	270	4.8 NDJ	4.8 ND	5.1 ND	4.9 ND
1,1-Dichloroethene	330	500000	330	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,1-Dichloropropene	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,2,3-Trichlorobenzene	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,2,3-Trichloropropane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,2,4-Trichlorobenzene	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,2,4-Trimethylbenzene	3600	190000	3600	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,2-Dibromoethane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,2-Dichlorobenzene	1100	500000	1100	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,2-Dichloroethane	20	30000	20	4.8 NDJ	4.8 ND	5.1 ND	4.9 ND
1,2-Dichloropropane	NA	NA	NA	4.8 NDJ	4.8 ND	5.1 ND	4.9 ND
1,3,5-Trimethylbenzene	8400	190000	8400	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,3-Dichlorobenzene	2400	280000	2400	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,3-Dichloropropane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,4-Dichlorobenzene	1800	130000	1800	4.8 ND	4.8 ND	5.1 ND	4.9 ND
1,4-Dioxane	100	130000	100	96 R	96 R	100 R	97 R
2,2-Dichloropropane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
2-Butanone	120	500000	120	4.8 NDJ	4.8 NDJ	5.1 NDJ	4.9 NDJ
2-Chlorotoluene	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
2-Hexanone	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
4-Chlorotoluene	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
4-Isopropyltoluene	NA	NA	NA	4.8 NDJ	4.8 ND	5.1 ND	4.9 ND

Sample Location				DW9N-S	DW9N-S	301-DB2-NW	301-DB2-NW
Sample Name				DW9N-S-32	DW9N-S-40	301-DB2-NW-50	301-DB2-NW-56
Sample Date				3/5/2012	3/5/2012	3/6/2012	3/6/2012
Sample Depth				32	40	50	56
AKA (name on lab data)				DW9N-S-32	DW9N-S-40	301-DB2-NW-50	301-DB2-NW-56
Laboratory ID	Soil Cleanup Criteria			L0443-03	L0443-06	L0476-01	L0476-02
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	4.8 ND	4.8 ND	5.1 NDJ	4.9 NDJ
Acetone	50	500000	50	4.8 NDJ	4.8 NDJ	5.1 NDJ	4.9 NDJ
Benzene	60	44000	60	4.8 NDJ	4.8 ND	5.1 ND	4.9 ND
Bromobenzene	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Bromochloromethane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Bromodichloromethane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Bromoform	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Bromomethane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Carbon disulfide	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Carbon tetrachloride	760	22000	760	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Chlorobenzene	1100	500000	1100	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Chloroethane	NA	NA	NA	4.8 NDJ	4.8 NDJ	5.1 ND	4.9 ND
Chloroform	370	350000	370	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Chloromethane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
cis-1,2-Dichloroethene	250	500000	250	4.8 ND	4.8 ND	5.1 ND	4.9 ND
cis-1,3-Dichloropropene	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Dibromochloromethane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Dibromomethane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Dichlorodifluoromethane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Ethylbenzene	1000	390000	1000	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Hexachlorobutadiene	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Iodomethane	NA	NA	NA	4.8 NDJ	4.8 ND	5.1 ND	4.9 ND
Isopropylbenzene	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
m,p-Xylene	1600	500000	260	4.8 NDJ	4.8 ND	5.1 ND	4.9 ND
Methyl tert-butyl ether	930	500000	930	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Methylene chloride	50	500000	50	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Naphthalene	12000	500000	12000	4.8 ND	4.8 ND	5.1 NDJ	4.9 NDJ

Sample Location				DW9N-S	DW9N-S	301-DB2-NW	301-DB2-NW
Sample Name				DW9N-S-32	DW9N-S-40	301-DB2-NW-50	301-DB2-NW-56
Sample Date				3/5/2012	3/5/2012	3/6/2012	3/6/2012
Sample Depth				32	40	50	56
AKA (name on lab data)				DW9N-S-32	DW9N-S-40	301-DB2-NW-50	301-DB2-NW-56
Laboratory ID	Soil Cleanup Criteria			L0443-03	L0443-06	L0476-01	L0476-02
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	4.8 ND	4.8 ND	5.1 ND	4.9 ND
n-Propylbenzene	3900	500000	3900	4.8 ND	4.8 ND	5.1 ND	4.9 ND
o-Xylene	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Tetrachloroethene	1300	150000	1300	4.8 ND	4.8 ND	5.1 ND	4.9 ND
sec-Butylbenzene	11000	500000	11000	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Styrene	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Trichloroethene	470	200000	470	4.8 NDJ	4.8 ND	5.1 ND	4.9 ND
tert-Butylbenzene	5900	500000	5900	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Toluene	700	500000	700	4.8 ND	4.8 ND	5.1 ND	4.9 ND
trans-1,2-Dichloroethene	190	500000	190	4.8 ND	4.8 ND	5.1 ND	4.9 ND
trans-1,3-Dichloropropene	NA	NA	NA	4.8 NDJ	4.8 ND	5.1 ND	4.9 ND
Trichlorofluoromethane	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Vinyl acetate	NA	NA	NA	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Vinyl chloride	20	13000	20	4.8 ND	4.8 ND	5.1 ND	4.9 ND
Xylene (Total)	1600	500000	260	4.8 NDJ	4.8 ND	5.1 ND	4.9 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				301-INT-W	301-INT-W	301-INT-W	301-INT-W
Sample Name				301-INT-W-30	301-INT-W-40	301-INT-W-44	301-INT-W-56
Sample Date				3/7/2012	3/7/2012	3/7/2012	3/7/2012
Sample Depth				40	40	44	56
AKA (name on lab data)				301-INT-W-30	301-INT-W-40	301-INT-W-44	301-INT-W-56
Laboratory ID	Soil Cleanup Criteria			L0456-01	L0456-02	L0456-03	L0456-04
Constituent	POGW	Comm	Unrest	Dup of 301-INT-W-40			
1,1,1,2-Tetrachloroethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,1,1-Trichloroethane	680	500000	680	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,1,2-Trichloroethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,1-Dichloroethane	270	240000	270	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,1-Dichloroethene	330	500000	330	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,1-Dichloropropene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,2,3-Trichlorobenzene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,2,3-Trichloropropane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,2,4-Trichlorobenzene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,2,4-Trimethylbenzene	3600	190000	3600	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,2-Dibromoethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,2-Dichlorobenzene	1100	500000	1100	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,2-Dichloroethane	20	30000	20	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,2-Dichloropropane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,3,5-Trimethylbenzene	8400	190000	8400	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,3-Dichlorobenzene	2400	280000	2400	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,3-Dichloropropane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,4-Dichlorobenzene	1800	130000	1800	4.8 ND	4.6 ND	4.9 ND	5.4 ND
1,4-Dioxane	100	130000	100	97 R	92 R	98 R	110 R
2,2-Dichloropropane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
2-Butanone	120	500000	120	4.8 NDJ	4.6 NDJ	4.9 NDJ	5.4 NDJ
2-Chlorotoluene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
2-Hexanone	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
4-Chlorotoluene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
4-Isopropyltoluene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND

Sample Location				301-INT-W	301-INT-W	301-INT-W	301-INT-W
Sample Name				301-INT-W-30	301-INT-W-40	301-INT-W-44	301-INT-W-56
Sample Date				3/7/2012	3/7/2012	3/7/2012	3/7/2012
Sample Depth				40	40	44	56
AKA (name on lab data)				301-INT-W-30	301-INT-W-40	301-INT-W-44	301-INT-W-56
Laboratory ID	Soil Cleanup Criteria			L0456-01	L0456-02	L0456-03	L0456-04
Constituent	POGW	Comm	Unrest	Dup of 301-INT-W-40			
4-Methyl-2-pentanone	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Acetone	50	500000	50	4.8 NDJ	4.6 NDJ	4.9 NDJ	5.4 NDJ
Benzene	60	44000	60	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Bromobenzene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Bromochloromethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Bromodichloromethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Bromoform	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Bromomethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Carbon disulfide	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Carbon tetrachloride	760	22000	760	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Chlorobenzene	1100	500000	1100	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Chloroethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Chloroform	370	350000	370	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Chloromethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
cis-1,2-Dichloroethene	250	500000	250	4.8 ND	4.6 ND	4.9 ND	5.4 ND
cis-1,3-Dichloropropene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Dibromochloromethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Dibromomethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Dichlorodifluoromethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Ethylbenzene	1000	390000	1000	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Hexachlorobutadiene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Iodomethane	NA	NA	NA	4.8 NDJ	4.6 NDJ	4.9 NDJ	5.4 NDJ
Isopropylbenzene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
m,p-Xylene	1600	500000	260	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Methyl tert-butyl ether	930	500000	930	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Methylene chloride	50	500000	50	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Naphthalene	12000	500000	12000	4.8 ND	4.6 ND	4.9 ND	5.4 ND

Sample Location				301-INT-W	301-INT-W	301-INT-W	301-INT-W
Sample Name				301-INT-W-30	301-INT-W-40	301-INT-W-44	301-INT-W-56
Sample Date				3/7/2012	3/7/2012	3/7/2012	3/7/2012
Sample Depth				40	40	44	56
AKA (name on lab data)				301-INT-W-30	301-INT-W-40	301-INT-W-44	301-INT-W-56
Laboratory ID	Soil Cleanup Criteria			L0456-01	L0456-02	L0456-03	L0456-04
Constituent	POGW	Comm	Unrest	Dup of 301-INT-W-40			
n-Butylbenzene	12000	500000	12000	4.8 ND	4.6 ND	4.9 ND	5.4 ND
n-Propylbenzene	3900	500000	3900	4.8 ND	4.6 ND	4.9 ND	5.4 ND
o-Xylene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Tetrachloroethene	1300	150000	1300	4.8 ND	4.6 ND	4.9 ND	5.4 ND
sec-Butylbenzene	11000	500000	11000	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Styrene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Trichloroethene	470	200000	470	4.8 ND	4.6 ND	4.9 ND	2.9 J
tert-Butylbenzene	5900	500000	5900	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Toluene	700	500000	700	4.8 ND	4.6 ND	4.9 ND	5.4 ND
trans-1,2-Dichloroethene	190	500000	190	4.8 ND	4.6 ND	4.9 ND	5.4 ND
trans-1,3-Dichloropropene	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Trichlorofluoromethane	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Vinyl acetate	NA	NA	NA	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Vinyl chloride	20	13000	20	4.8 ND	4.6 ND	4.9 ND	5.4 ND
Xylene (Total)	1600	500000	260	4.8 ND	4.6 ND	4.9 ND	5.4 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				301-INT-W2	301-INT-W2	161E-1	161N-1
Sample Name				301-INT-W2-34	301-INT-W2-56	161E-1-19	161N-1-14_5
Sample Date				3/7/2012	3/7/2012	3/14/2012	3/14/2012
Sample Depth				34	56	19	14.5
AKA (name on lab data)				301-INT-W2-34	301-INT-W2-56	161E-1-19	161N-1-14.5
Laboratory ID	Soil Cleanup Criteria			L0456-05	L0456-06	L0510-08	L0510-01
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,1,1-Trichloroethane	680	500000	680	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,1,2-Trichloroethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,1-Dichloroethane	270	240000	270	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,1-Dichloroethene	330	500000	330	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,1-Dichloropropene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,2,3-Trichloropropane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,2-Dibromoethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,2-Dichlorobenzene	1100	500000	1100	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,2-Dichloroethane	20	30000	20	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,2-Dichloropropane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,3-Dichlorobenzene	2400	280000	2400	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,3-Dichloropropane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,4-Dichlorobenzene	1800	130000	1800	5.3 ND	4.9 ND	5.6 ND	5.7 ND
1,4-Dioxane	100	130000	100	110 R	97 R	110 R	110 R
2,2-Dichloropropane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
2-Butanone	120	500000	120	5.3 NDJ	4.9 NDJ	5.6 NDJ	5.7 NDJ
2-Chlorotoluene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
2-Hexanone	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
4-Chlorotoluene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
4-Isopropyltoluene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND

Sample Location				301-INT-W2	301-INT-W2	161E-1	161N-1
Sample Name				301-INT-W2-34	301-INT-W2-56	161E-1-19	161N-1-14_5
Sample Date				3/7/2012	3/7/2012	3/14/2012	3/14/2012
Sample Depth				34	56	19	14.5
AKA (name on lab data)				301-INT-W2-34	301-INT-W2-56	161E-1-19	161N-1-14.5
Laboratory ID	Soil Cleanup Criteria			L0456-05	L0456-06	L0510-08	L0510-01
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Acetone	50	500000	50	5.3 NDJ	4.9 NDJ	2.3 J	3.9 J
Benzene	60	44000	60	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Bromobenzene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Bromochloromethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Bromodichloromethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Bromoform	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Bromomethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Carbon disulfide	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Carbon tetrachloride	760	22000	760	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Chlorobenzene	1100	500000	1100	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Chloroethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Chloroform	370	350000	370	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Chloromethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
cis-1,2-Dichloroethene	250	500000	250	5.3 ND	4.9 ND	5.6 ND	5.7 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Dibromochloromethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Dibromomethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Dichlorodifluoromethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Ethylbenzene	1000	390000	1000	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Hexachlorobutadiene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Iodomethane	NA	NA	NA	5.3 ND	4.9 NDJ	5.6 ND	5.7 ND
Isopropylbenzene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
m,p-Xylene	1600	500000	260	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Methyl tert-butyl ether	930	500000	930	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Methylene chloride	50	500000	50	2.4 ND	4.9 ND	5.6 ND	5.7 ND
Naphthalene	12000	500000	12000	5.3 ND	4.9 ND	5.6 ND	5.7 ND

Sample Location				301-INT-W2	301-INT-W2	161E-1	161N-1
Sample Name				301-INT-W2-34	301-INT-W2-56	161E-1-19	161N-1-14_5
Sample Date				3/7/2012	3/7/2012	3/14/2012	3/14/2012
Sample Depth				34	56	19	14.5
AKA (name on lab data)				301-INT-W2-34	301-INT-W2-56	161E-1-19	161N-1-14.5
Laboratory ID	Soil Cleanup Criteria			L0456-05	L0456-06	L0510-08	L0510-01
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	5.3 ND	4.9 ND	5.6 ND	5.7 ND
n-Propylbenzene	3900	500000	3900	5.3 ND	4.9 ND	5.6 ND	5.7 ND
o-Xylene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Tetrachloroethene	1300	150000	1300	5.3 ND	4.9 ND	5.6 ND	5.7 ND
sec-Butylbenzene	11000	500000	11000	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Styrene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Trichloroethene	470	200000	470	5.3 ND	4.9 ND	5.6 ND	5.7 ND
tert-Butylbenzene	5900	500000	5900	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Toluene	700	500000	700	5.3 ND	4.9 ND	5.6 ND	5.7 ND
trans-1,2-Dichloroethene	190	500000	190	5.3 ND	4.9 ND	5.6 ND	5.7 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Trichlorofluoromethane	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Vinyl acetate	NA	NA	NA	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Vinyl chloride	20	13000	20	5.3 ND	4.9 ND	5.6 ND	5.7 ND
Xylene (Total)	1600	500000	260	5.3 ND	4.9 ND	5.6 ND	5.7 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				161N-2	161N-2	161N-3	161N-4
Sample Name				161N-2-17	161N-2-20	161N-3-21	161N-4-15
Sample Date				3/14/2012	3/14/2012	3/14/2012	3/14/2012
Sample Depth				20	20	21	15
AKA (name on lab data)				161N-2-17	161N-2-20	161N-3-21	161N-4-15
Laboratory ID	Soil Cleanup Criteria			L0510-02	L0510-03	L0510-04	L0510-05
Constituent	POGW	Comm	Unrest	Dup of 161N-2-20			
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,1,1-Trichloroethane	680	500000	680	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,1,2-Trichloroethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,1-Dichloroethane	270	240000	270	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,1-Dichloroethene	330	500000	330	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,1-Dichloropropene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,2,3-Trichloropropane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,2-Dibromoethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,2-Dichlorobenzene	1100	500000	1100	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,2-Dichloroethane	20	30000	20	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,2-Dichloropropane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,3-Dichlorobenzene	2400	280000	2400	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,3-Dichloropropane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,4-Dichlorobenzene	1800	130000	1800	5.5 ND	6.3 ND	5.4 ND	5.4 ND
1,4-Dioxane	100	130000	100	110 R	130 R	110 R	110 R
2,2-Dichloropropane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
2-Butanone	120	500000	120	5.5 NDJ	6.3 NDJ	5.4 NDJ	5.4 NDJ
2-Chlorotoluene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
2-Hexanone	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
4-Chlorotoluene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
4-Isopropyltoluene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND

Sample Location				161N-2	161N-2	161N-3	161N-4
Sample Name				161N-2-17	161N-2-20	161N-3-21	161N-4-15
Sample Date				3/14/2012	3/14/2012	3/14/2012	3/14/2012
Sample Depth				20	20	21	15
AKA (name on lab data)				161N-2-17	161N-2-20	161N-3-21	161N-4-15
Laboratory ID	Soil Cleanup Criteria			L0510-02	L0510-03	L0510-04	L0510-05
Constituent	POGW	Comm	Unrest	Dup of 161N-2-20			
4-Methyl-2-pentanone	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Acetone	50	500000	50	5.5 NDJ	5.1 J	3.6 J	3.6 J
Benzene	60	44000	60	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Bromobenzene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Bromochloromethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Bromodichloromethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Bromoform	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Bromomethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Carbon disulfide	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Carbon tetrachloride	760	22000	760	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Chlorobenzene	1100	500000	1100	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Chloroethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Chloroform	370	350000	370	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Chloromethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
cis-1,2-Dichloroethene	250	500000	250	5.5 ND	6.3 ND	5.4 ND	5.4 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Dibromochloromethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Dibromomethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Dichlorodifluoromethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Ethylbenzene	1000	390000	1000	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Hexachlorobutadiene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Iodomethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Isopropylbenzene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
m,p-Xylene	1600	500000	260	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Methyl tert-butyl ether	930	500000	930	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Methylene chloride	50	500000	50	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Naphthalene	12000	500000	12000	5.5 ND	6.3 ND	5.4 ND	5.4 ND

Sample Location				161N-2	161N-2	161N-3	161N-4
Sample Name				161N-2-17	161N-2-20	161N-3-21	161N-4-15
Sample Date				3/14/2012	3/14/2012	3/14/2012	3/14/2012
Sample Depth				20	20	21	15
AKA (name on lab data)				161N-2-17	161N-2-20	161N-3-21	161N-4-15
Laboratory ID	Soil Cleanup Criteria			L0510-02	L0510-03	L0510-04	L0510-05
Constituent	POGW	Comm	Unrest	Dup of 161N-2-20			
n-Butylbenzene	12000	500000	12000	5.5 ND	6.3 ND	5.4 ND	5.4 ND
n-Propylbenzene	3900	500000	3900	5.5 ND	6.3 ND	5.4 ND	5.4 ND
o-Xylene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Tetrachloroethene	1300	150000	1300	5.5 ND	6.3 ND	5.4 ND	5.4 ND
sec-Butylbenzene	11000	500000	11000	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Styrene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Trichloroethene	470	200000	470	5.5 ND	6.3 ND	5.4 ND	5.4 ND
tert-Butylbenzene	5900	500000	5900	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Toluene	700	500000	700	5.5 ND	6.3 ND	5.4 ND	5.4 ND
trans-1,2-Dichloroethene	190	500000	190	5.5 ND	6.3 ND	5.4 ND	5.4 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Trichlorofluoromethane	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Vinyl acetate	NA	NA	NA	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Vinyl chloride	20	13000	20	5.5 ND	6.3 ND	5.4 ND	5.4 ND
Xylene (Total)	1600	500000	260	5.5 ND	6.3 ND	5.4 ND	5.4 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				161N-5	161N-6	161-INT-N	161-INT-S
Sample Name				161N-5-24	161N-6-18	161-INT-N-24	161-INT-S-24
Sample Date				3/14/2012	3/14/2012	3/19/2012	3/19/2012
Sample Depth				24	18	24	24
AKA (name on lab data)				161N-5-24	161N-6-18	161-INT-N-24	161-INT-S-24
Laboratory ID	Soil Cleanup Criteria			L0510-06	L0510-07	L0542-03	L0542-01
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,1,1-Trichloroethane	680	500000	680	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,1,2-Trichloroethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,1-Dichloroethane	270	240000	270	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,1-Dichloroethene	330	500000	330	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,1-Dichloropropene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,2,3-Trichlorobenzene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,2,3-Trichloropropane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,2,4-Trichlorobenzene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,2,4-Trimethylbenzene	3600	190000	3600	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,2-Dibromoethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,2-Dichlorobenzene	1100	500000	1100	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,2-Dichloroethane	20	30000	20	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,2-Dichloropropane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,3,5-Trimethylbenzene	8400	190000	8400	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,3-Dichlorobenzene	2400	280000	2400	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,3-Dichloropropane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,4-Dichlorobenzene	1800	130000	1800	4.7 ND	4.9 ND	5.9 ND	5.2 ND
1,4-Dioxane	100	130000	100	93 R	99 R	120 R	100 R
2,2-Dichloropropane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
2-Butanone	120	500000	120	4.7 NDJ	4.9 NDJ	5.9 NDJ	5.2 NDJ
2-Chlorotoluene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
2-Hexanone	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
4-Chlorotoluene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
4-Isopropyltoluene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND

Sample Location				161N-5	161N-6	161-INT-N	161-INT-S
Sample Name				161N-5-24	161N-6-18	161-INT-N-24	161-INT-S-24
Sample Date				3/14/2012	3/14/2012	3/19/2012	3/19/2012
Sample Depth				24	18	24	24
AKA (name on lab data)				161N-5-24	161N-6-18	161-INT-N-24	161-INT-S-24
Laboratory ID	Soil Cleanup Criteria			L0510-06	L0510-07	L0542-03	L0542-01
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Acetone	50	500000	50	4.7 NDJ	4.8 J	5.9 NDJ	2.3 J
Benzene	60	44000	60	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Bromobenzene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Bromochloromethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Bromodichloromethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Bromoform	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Bromomethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Carbon disulfide	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Carbon tetrachloride	760	22000	760	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Chlorobenzene	1100	500000	1100	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Chloroethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Chloroform	370	350000	370	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Chloromethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
cis-1,2-Dichloroethene	250	500000	250	4.7 ND	4.9 ND	5.9 ND	5.2 ND
cis-1,3-Dichloropropene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Dibromochloromethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Dibromomethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Dichlorodifluoromethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Ethylbenzene	1000	390000	1000	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Hexachlorobutadiene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Iodomethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Isopropylbenzene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
m,p-Xylene	1600	500000	260	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Methyl tert-butyl ether	930	500000	930	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Methylene chloride	50	500000	50	4.7 ND	4.9 ND	5.9 J	5.2 J
Naphthalene	12000	500000	12000	4.7 ND	4.9 ND	5.9 ND	5.2 ND

Sample Location				161N-5	161N-6	161-INT-N	161-INT-S
Sample Name				161N-5-24	161N-6-18	161-INT-N-24	161-INT-S-24
Sample Date				3/14/2012	3/14/2012	3/19/2012	3/19/2012
Sample Depth				24	18	24	24
AKA (name on lab data)				161N-5-24	161N-6-18	161-INT-N-24	161-INT-S-24
Laboratory ID	Soil Cleanup Criteria			L0510-06	L0510-07	L0542-03	L0542-01
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	4.7 ND	4.9 ND	5.9 ND	5.2 ND
n-Propylbenzene	3900	500000	3900	4.7 ND	4.9 ND	5.9 ND	5.2 ND
o-Xylene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Tetrachloroethene	1300	150000	1300	4.7 ND	4.9 ND	5.9 ND	5.2 ND
sec-Butylbenzene	11000	500000	11000	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Styrene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Trichloroethene	470	200000	470	4.7 ND	1.8 J	5.9 ND	5.2 ND
tert-Butylbenzene	5900	500000	5900	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Toluene	700	500000	700	4.7 ND	4.9 ND	5.9 ND	5.2 ND
trans-1,2-Dichloroethene	190	500000	190	4.7 ND	4.9 ND	5.9 ND	5.2 ND
trans-1,3-Dichloropropene	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Trichlorofluoromethane	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Vinyl acetate	NA	NA	NA	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Vinyl chloride	20	13000	20	4.7 ND	4.9 ND	5.9 ND	5.2 ND
Xylene (Total)	1600	500000	260	4.7 ND	4.9 ND	5.9 ND	5.2 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				161-INT-SW
Sample Name				161-INT-SW-24
Sample Date				3/19/2012
Sample Depth				24
AKA (name on lab data)				161-INT-SW-24
Laboratory ID	Soil Cleanup Criteria			L0542-02
Constituent	POGW	Comm	Unrest	
1,1,1,2-Tetrachloroethane	NA	NA	NA	4.6 ND
1,1,1-Trichloroethane	680	500000	680	4.6 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	4.6 ND
1,1,2-Trichloroethane	NA	NA	NA	4.6 ND
1,1-Dichloroethane	270	240000	270	4.6 ND
1,1-Dichloroethene	330	500000	330	4.6 ND
1,1-Dichloropropene	NA	NA	NA	4.6 ND
1,2,3-Trichlorobenzene	NA	NA	NA	4.6 ND
1,2,3-Trichloropropane	NA	NA	NA	4.6 ND
1,2,4-Trichlorobenzene	NA	NA	NA	4.6 ND
1,2,4-Trimethylbenzene	3600	190000	3600	4.6 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	4.6 ND
1,2-Dibromoethane	NA	NA	NA	4.6 ND
1,2-Dichlorobenzene	1100	500000	1100	4.6 ND
1,2-Dichloroethane	20	30000	20	4.6 ND
1,2-Dichloropropane	NA	NA	NA	4.6 ND
1,3,5-Trimethylbenzene	8400	190000	8400	4.6 ND
1,3-Dichlorobenzene	2400	280000	2400	4.6 ND
1,3-Dichloropropane	NA	NA	NA	4.6 ND
1,4-Dichlorobenzene	1800	130000	1800	4.6 ND
1,4-Dioxane	100	130000	100	92 R
2,2-Dichloropropane	NA	NA	NA	4.6 ND
2-Butanone	120	500000	120	4.6 NDJ
2-Chlorotoluene	NA	NA	NA	4.6 ND
2-Hexanone	NA	NA	NA	4.6 ND
4-Chlorotoluene	NA	NA	NA	4.6 ND
4-Isopropyltoluene	NA	NA	NA	4.6 ND

Sample Location				161-INT-SW
Sample Name				161-INT-SW-24
Sample Date				3/19/2012
Sample Depth				24
AKA (name on lab data)				161-INT-SW-24
Laboratory ID	Soil Cleanup Criteria			L0542-02
Constituent	POGW	Comm	Unrest	
4-Methyl-2-pentanone	NA	NA	NA	4.6 ND
Acetone	50	500000	50	4.6 NDJ
Benzene	60	44000	60	4.6 ND
Bromobenzene	NA	NA	NA	4.6 ND
Bromochloromethane	NA	NA	NA	4.6 ND
Bromodichloromethane	NA	NA	NA	4.6 ND
Bromoform	NA	NA	NA	4.6 ND
Bromomethane	NA	NA	NA	4.6 ND
Carbon disulfide	NA	NA	NA	4.6 ND
Carbon tetrachloride	760	22000	760	4.6 ND
Chlorobenzene	1100	500000	1100	4.6 ND
Chloroethane	NA	NA	NA	4.6 ND
Chloroform	370	350000	370	4.6 ND
Chloromethane	NA	NA	NA	4.6 ND
cis-1,2-Dichloroethene	250	500000	250	4.6 ND
cis-1,3-Dichloropropene	NA	NA	NA	4.6 ND
Dibromochloromethane	NA	NA	NA	4.6 ND
Dibromomethane	NA	NA	NA	4.6 ND
Dichlorodifluoromethane	NA	NA	NA	4.6 ND
Ethylbenzene	1000	390000	1000	4.6 ND
Hexachlorobutadiene	NA	NA	NA	4.6 ND
Iodomethane	NA	NA	NA	4.6 ND
Isopropylbenzene	NA	NA	NA	4.6 ND
m,p-Xylene	1600	500000	260	4.6 ND
Methyl tert-butyl ether	930	500000	930	4.6 ND
Methylene chloride	50	500000	50	4.6 J
Naphthalene	12000	500000	12000	4.6 ND

Sample Location				161-INT-SW
Sample Name				161-INT-SW-24
Sample Date				3/19/2012
Sample Depth				24
AKA (name on lab data)				161-INT-SW-24
Laboratory ID	Soil Cleanup Criteria			L0542-02
Constituent	POGW	Comm	Unrest	
n-Butylbenzene	12000	500000	12000	4.6 ND
n-Propylbenzene	3900	500000	3900	4.6 ND
o-Xylene	NA	NA	NA	4.6 ND
Tetrachloroethene	1300	150000	1300	4.6 ND
sec-Butylbenzene	11000	500000	11000	4.6 ND
Styrene	NA	NA	NA	4.6 ND
Trichloroethene	470	200000	470	1.7 J
tert-Butylbenzene	5900	500000	5900	4.6 ND
Toluene	700	500000	700	4.6 ND
trans-1,2-Dichloroethene	190	500000	190	4.6 ND
trans-1,3-Dichloropropene	NA	NA	NA	4.6 ND
Trichlorofluoromethane	NA	NA	NA	4.6 ND
Vinyl acetate	NA	NA	NA	4.6 ND
Vinyl chloride	20	13000	20	4.6 ND
Xylene (Total)	1600	500000	260	4.6 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				MW-301-1-VD	MW-301-1-VD	MW-195-1	MW-195-1
Sample Name				MW-301-1-VD-26	MW-301-1-VD-185	MW-195-1-75	MW-195-1-92
Sample Date				5/10/2012	5/11/2012	5/14/2012	5/14/2012
Sample Depth				26	185	75	92
AKA (name on lab data)				MW-301-200 (26-26.5')	MW-301-200 (185-186')	MW-195-1-75	MW-195-1-92
Laboratory ID	Soil Cleanup Criteria			L1020-01	L1020-02	L1035-01	L1035-02
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,1,1-Trichloroethane	680	500000	680	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.1 NDJ	6.1 NDJ	5.6 NDJ	5.2 NDJ
1,1,2-Trichloroethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,1-Dichloroethane	270	240000	270	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,1-Dichloroethene	330	500000	330	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,1-Dichloropropene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,2,3-Trichloropropane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,2-Dibromoethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,2-Dichlorobenzene	1100	500000	1100	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,2-Dichloroethane	20	30000	20	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,2-Dichloropropane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,3-Dichlorobenzene	2400	280000	2400	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,3-Dichloropropane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,4-Dichlorobenzene	1800	130000	1800	5.1 ND	6.1 ND	5.6 ND	5.2 ND
1,4-Dioxane	100	130000	100	100 R	120 R	110 R	100 R
2,2-Dichloropropane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
2-Butanone	120	500000	120	5.1 ND	6.1 ND	5.6 ND	5.2 ND
2-Chlorotoluene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
2-Hexanone	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
4-Chlorotoluene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
4-Isopropyltoluene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND

Sample Location				MW-301-1-VD	MW-301-1-VD	MW-195-1	MW-195-1
Sample Name				MW-301-1-VD-26	MW-301-1-VD-185	MW-195-1-75	MW-195-1-92
Sample Date				5/10/2012	5/11/2012	5/14/2012	5/14/2012
Sample Depth				26	185	75	92
AKA (name on lab data)				MW-301-200 (26-26.5')	MW-301-200 (185-186')	MW-195-1-75	MW-195-1-92
Laboratory ID	Soil Cleanup Criteria			L1020-01	L1020-02	L1035-01	L1035-02
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Acetone	50	500000	50	5.1 NDJ	6.1 NDJ	5.6 NDJ	3.2 NJ
Benzene	60	44000	60	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Bromobenzene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Bromochloromethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Bromodichloromethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Bromoform	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Bromomethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Carbon disulfide	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Carbon tetrachloride	760	22000	760	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Chlorobenzene	1100	500000	1100	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Chloroethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Chloroform	370	350000	370	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Chloromethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
cis-1,2-Dichloroethene	250	500000	250	5.1 ND	6.1 ND	5.6 ND	5.2 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Dibromochloromethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Dibromomethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Dichlorodifluoromethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Ethylbenzene	1000	390000	1000	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Hexachlorobutadiene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Iodomethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Isopropylbenzene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
m,p-Xylene	1600	500000	260	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Methyl tert-butyl ether	930	500000	930	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Methylene chloride	50	500000	50	5.1 ND	1.8 J	5.6 ND	1.4 J
Naphthalene	12000	500000	12000	5.1 ND	6.1 ND	5.6 ND	5.2 ND

Sample Location				MW-301-1-VD	MW-301-1-VD	MW-195-1	MW-195-1
Sample Name				MW-301-1-VD-26	MW-301-1-VD-185	MW-195-1-75	MW-195-1-92
Sample Date				5/10/2012	5/11/2012	5/14/2012	5/14/2012
Sample Depth				26	185	75	92
AKA (name on lab data)				MW-301-200 (26-26.5')	MW-301-200 (185-186')	MW-195-1-75	MW-195-1-92
Laboratory ID	Soil Cleanup Criteria			L1020-01	L1020-02	L1035-01	L1035-02
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	5.1 ND	6.1 ND	5.6 ND	5.2 ND
n-Propylbenzene	3900	500000	3900	5.1 ND	6.1 ND	5.6 ND	5.2 ND
o-Xylene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Tetrachloroethene	1300	150000	1300	5.1 ND	6.1 ND	5.6 ND	5.2 ND
sec-Butylbenzene	11000	500000	11000	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Styrene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Trichloroethene	470	200000	470	5.1 ND	6.1 ND	5.6 ND	5.2 ND
tert-Butylbenzene	5900	500000	5900	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Toluene	700	500000	700	5.1 ND	6.1 ND	5.6 ND	5.2 ND
trans-1,2-Dichloroethene	190	500000	190	5.1 ND	6.1 ND	5.6 ND	5.2 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Trichlorofluoromethane	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Vinyl acetate	NA	NA	NA	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Vinyl chloride	20	13000	20	5.1 ND	6.1 ND	5.6 ND	5.2 ND
Xylene (Total)	1600	500000	260	5.1 ND	6.1 ND	5.6 ND	5.2 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				MW-NEMF-1	MW-NEMF-1	MW-NEMF-1	DW-7
Sample Name				MW-NEMF-1-62	MW-NEMF-1-91	MW-NEMF-1-117	DW-7-053112
Sample Date				5/29/2012	5/29/2012	5/30/2012	5/31/2012
Sample Depth				62	91	117	3.5
AKA (name on lab data)				MW-NEMF-1-62	MW-NEMF-1-91	MW-NEMF-1-117	DW-7-053112
Laboratory ID	Soil Cleanup Criteria			L1172-01	L1172-02	L1172-03	L1172-06
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
1,1,1-Trichloroethane	680	500000	680	4.9 ND	6 ND	5.8 ND	7.1 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
1,1,2-Trichloroethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
1,1-Dichloroethane	270	240000	270	4.9 ND	6 ND	5.8 ND	7.1 ND
1,1-Dichloroethene	330	500000	330	4.9 ND	6 ND	5.8 ND	7.1 ND
1,1-Dichloropropene	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
1,2,3-Trichlorobenzene	NA	NA	NA	4.9 NDJ	6 NDJ	5.8 NDJ	7.1 ND
1,2,3-Trichloropropane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
1,2,4-Trichlorobenzene	NA	NA	NA	4.9 NDJ	6 NDJ	5.8 NDJ	7.1 ND
1,2,4-Trimethylbenzene	3600	190000	3600	4.9 ND	6 ND	5.8 ND	7.1 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
1,2-Dibromoethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
1,2-Dichlorobenzene	1100	500000	1100	4.9 ND	6 ND	5.8 ND	7.1 ND
1,2-Dichloroethane	20	30000	20	4.9 ND	6 ND	5.8 ND	7.1 ND
1,2-Dichloropropane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
1,3,5-Trimethylbenzene	8400	190000	8400	4.9 ND	6 ND	5.8 ND	7.1 ND
1,3-Dichlorobenzene	2400	280000	2400	4.9 ND	6 ND	5.8 ND	7.1 ND
1,3-Dichloropropane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
1,4-Dichlorobenzene	1800	130000	1800	4.9 ND	6 ND	5.8 ND	7.1 ND
1,4-Dioxane	100	130000	100	98 R	120 R	120 R	140 R
2,2-Dichloropropane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
2-Butanone	120	500000	120	4.9 NDJ	6 NDJ	5.8 NDJ	7.1 NDJ
2-Chlorotoluene	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
2-Hexanone	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
4-Chlorotoluene	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
4-Isopropyltoluene	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND

Sample Location				MW-NEMF-1	MW-NEMF-1	MW-NEMF-1	DW-7
Sample Name				MW-NEMF-1-62	MW-NEMF-1-91	MW-NEMF-1-117	DW-7-053112
Sample Date				5/29/2012	5/29/2012	5/30/2012	5/31/2012
Sample Depth				62	91	117	3.5
AKA (name on lab data)				MW-NEMF-1-62	MW-NEMF-1-91	MW-NEMF-1-117	DW-7-053112
Laboratory ID	Soil Cleanup Criteria			L1172-01	L1172-02	L1172-03	L1172-06
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Acetone	50	500000	50	3.6 J	3.1 J	2.8 J	**56 J**
Benzene	60	44000	60	4.9 ND	6 ND	5.8 ND	7.1 ND
Bromobenzene	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Bromochloromethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Bromodichloromethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Bromoform	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Bromomethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Carbon disulfide	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Carbon tetrachloride	760	22000	760	4.9 ND	6 ND	5.8 ND	7.1 ND
Chlorobenzene	1100	500000	1100	4.9 ND	6 ND	5.8 ND	7.1 ND
Chloroethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Chloroform	370	350000	370	4.9 ND	6 ND	5.8 ND	7.1 ND
Chloromethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
cis-1,2-Dichloroethene	250	500000	250	4.9 ND	6 ND	5.8 ND	34
cis-1,3-Dichloropropene	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Dibromochloromethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Dibromomethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Dichlorodifluoromethane	NA	NA	NA	4.9 NDJ	6 NDJ	5.8 NDJ	7.1 NDJ
Ethylbenzene	1000	390000	1000	4.9 ND	6 ND	5.8 ND	7.1 ND
Hexachlorobutadiene	NA	NA	NA	4.9 NDJ	6 NDJ	5.8 NDJ	7.1 ND
Iodomethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Isopropylbenzene	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
m,p-Xylene	1600	500000	260	4.9 ND	6 ND	5.8 ND	7.1 ND
Methyl tert-butyl ether	930	500000	930	4.9 ND	6 ND	5.8 ND	7.1 ND
Methylene chloride	50	500000	50	4.9 ND	6 ND	5.8 ND	7.1 ND
Naphthalene	12000	500000	12000	4.9 NDJ	6 NDJ	5.8 NDJ	7.1 ND

Sample Location				MW-NEMF-1	MW-NEMF-1	MW-NEMF-1	DW-7
Sample Name				MW-NEMF-1-62	MW-NEMF-1-91	MW-NEMF-1-117	DW-7-053112
Sample Date				5/29/2012	5/29/2012	5/30/2012	5/31/2012
Sample Depth				62	91	117	3.5
AKA (name on lab data)				MW-NEMF-1-62	MW-NEMF-1-91	MW-NEMF-1-117	DW-7-053112
Laboratory ID	Soil Cleanup Criteria			L1172-01	L1172-02	L1172-03	L1172-06
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	4.9 ND	6 ND	5.8 ND	7.1 ND
n-Propylbenzene	3900	500000	3900	4.9 ND	6 ND	5.8 ND	7.1 ND
o-Xylene	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Tetrachloroethene	1300	150000	1300	4.9 ND	6 ND	5.8 ND	2 J
sec-Butylbenzene	11000	500000	11000	4.9 ND	6 ND	5.8 ND	7.1 ND
Styrene	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Trichloroethene	470	200000	470	4.9 ND	6 ND	5.8 ND	29
tert-Butylbenzene	5900	500000	5900	4.9 ND	6 ND	5.8 ND	7.1 ND
Toluene	700	500000	700	4.9 ND	6 ND	5.8 ND	14
trans-1,2-Dichloroethene	190	500000	190	4.9 ND	6 ND	5.8 ND	7.1 ND
trans-1,3-Dichloropropene	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Trichlorofluoromethane	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Vinyl acetate	NA	NA	NA	4.9 ND	6 ND	5.8 ND	7.1 ND
Vinyl chloride	20	13000	20	4.9 ND	6 ND	5.8 ND	7.1 ND
Xylene (Total)	1600	500000	260	4.9 ND	6 ND	5.8 ND	7.1 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				DW-9	MW-NEMF-2	MW-NEMF-2	MW-NEMF-2
Sample Name				DW-9-053112	MW-NEMF-2-71	MW-NEMF-2-102	MW-NEMF-2-112
Sample Date				5/31/2012	5/31/2012	6/1/2012	6/1/2012
Sample Depth				14.5	71	102	102
AKA (name on lab data)				DW-9-053112	MW-NEMF-2-71	MW-NEMF-2-102	MW-NEMF-2-112
Laboratory ID	Soil Cleanup Criteria			L1172-05	L1172-04	L1172-07	L1172-08
Constituent	POGW	Comm	Unrest			Duplicate of MW-NEMF-2-102	
1,1,1,2-Tetrachloroethane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,1,1-Trichloroethane	680	500000	680	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,1,2-Trichloroethane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,1-Dichloroethane	270	240000	270	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,1-Dichloroethene	330	500000	330	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,1-Dichloropropene	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,2,3-Trichlorobenzene	NA	NA	NA	6.8 ND	5.4 NDJ	6.1 ND	5.2 ND
1,2,3-Trichloropropane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,2,4-Trichlorobenzene	NA	NA	NA	6.8 ND	5.4 NDJ	6.1 ND	5.2 ND
1,2,4-Trimethylbenzene	3600	190000	3600	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,2-Dibromoethane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,2-Dichlorobenzene	1100	500000	1100	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,2-Dichloroethane	20	30000	20	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,2-Dichloropropane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,3,5-Trimethylbenzene	8400	190000	8400	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,3-Dichlorobenzene	2400	280000	2400	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,3-Dichloropropane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,4-Dichlorobenzene	1800	130000	1800	6.8 ND	5.4 ND	6.1 ND	5.2 ND
1,4-Dioxane	100	130000	100	140 R	110 R	120 R	100 R
2,2-Dichloropropane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
2-Butanone	120	500000	120	10 J	5.4 NDJ	6.1 NDJ	5.2 NDJ
2-Chlorotoluene	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
2-Hexanone	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
4-Chlorotoluene	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
4-Isopropyltoluene	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND

Sample Location				DW-9	MW-NEMF-2	MW-NEMF-2	MW-NEMF-2
Sample Name				DW-9-053112	MW-NEMF-2-71	MW-NEMF-2-102	MW-NEMF-2-112
Sample Date				5/31/2012	5/31/2012	6/1/2012	6/1/2012
Sample Depth				14.5	71	102	102
AKA (name on lab data)				DW-9-053112	MW-NEMF-2-71	MW-NEMF-2-102	MW-NEMF-2-112
Laboratory ID	Soil Cleanup Criteria			L1172-05	L1172-04	L1172-07	L1172-08
Constituent	POGW	Comm	Unrest			Duplicate of MW-NEMF-2-102	
4-Methyl-2-pentanone	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Acetone	50	500000	50	**66**	5.4 NDJ	3.2 J	5.2 NDJ
Benzene	60	44000	60	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Bromobenzene	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Bromochloromethane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Bromodichloromethane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Bromoform	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Bromomethane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Carbon disulfide	NA	NA	NA	2.7 J	5.4 ND	6.1 ND	5.2 ND
Carbon tetrachloride	760	22000	760	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Chlorobenzene	1100	500000	1100	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Chloroethane	NA	NA	NA	6.8 NDJ	5.4 ND	6.1 ND	5.2 ND
Chloroform	370	350000	370	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Chloromethane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
cis-1,2-Dichloroethene	250	500000	250	6.8 ND	5.4 ND	6.1 ND	5.2 ND
cis-1,3-Dichloropropene	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Dibromochloromethane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Dibromomethane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Dichlorodifluoromethane	NA	NA	NA	6.8 ND	5.4 NDJ	6.1 NDJ	5.2 NDJ
Ethylbenzene	1000	390000	1000	2.1 J	5.4 ND	6.1 ND	5.2 ND
Hexachlorobutadiene	NA	NA	NA	6.8 ND	5.4 NDJ	6.1 ND	5.2 ND
Iodomethane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Isopropylbenzene	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
m,p-Xylene	1600	500000	260	4.9 J	5.4 ND	6.1 ND	5.2 ND
Methyl tert-butyl ether	930	500000	930	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Methylene chloride	50	500000	50	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Naphthalene	12000	500000	12000	6.8 ND	5.4 NDJ	6.1 ND	5.2 ND

Sample Location				DW-9	MW-NEMF-2	MW-NEMF-2	MW-NEMF-2
Sample Name				DW-9-053112	MW-NEMF-2-71	MW-NEMF-2-102	MW-NEMF-2-112
Sample Date				5/31/2012	5/31/2012	6/1/2012	6/1/2012
Sample Depth				14.5	71	102	102
AKA (name on lab data)				DW-9-053112	MW-NEMF-2-71	MW-NEMF-2-102	MW-NEMF-2-112
Laboratory ID	Soil Cleanup Criteria			L1172-05	L1172-04	L1172-07	L1172-08
Constituent	POGW	Comm	Unrest			Duplicate of MW-NEMF-2-102	
n-Butylbenzene	12000	500000	12000	6.8 ND	5.4 ND	6.1 ND	5.2 ND
n-Propylbenzene	3900	500000	3900	6.8 ND	5.4 ND	6.1 ND	5.2 ND
o-Xylene	NA	NA	NA	3.3 J	5.4 ND	6.1 ND	5.2 ND
Tetrachloroethene	1300	150000	1300	6.8 ND	5.4 ND	6.1 NDJ	5.2 NDJ
sec-Butylbenzene	11000	500000	11000	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Styrene	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Trichloroethene	470	200000	470	6.8 ND	5.4 ND	6.1 ND	5.2 ND
tert-Butylbenzene	5900	500000	5900	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Toluene	700	500000	700	6.8 ND	5.4 ND	6.1 ND	5.2 ND
trans-1,2-Dichloroethene	190	500000	190	6.8 ND	5.4 ND	6.1 ND	5.2 ND
trans-1,3-Dichloropropene	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Trichlorofluoromethane	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Vinyl acetate	NA	NA	NA	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Vinyl chloride	20	13000	20	6.8 ND	5.4 ND	6.1 ND	5.2 ND
Xylene (Total)	1600	500000	260	8.2	5.4 ND	6.1 ND	5.2 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				MW-NEMF-2	MW-NEMF-3	MW-NEMF-3	MW-NEMF-3
Sample Name				MW-NEMF-2-122	MW-NEMF-3-72	MW-NEMF-3-116	MW-NEMF-3-92
Sample Date				6/1/2012	6/4/2012	6/5/2012	6/5/2012
Sample Depth				122	72	116	92
AKA (name on lab data)				MW-NEMF-2-122	MW-NEMF-3-72	MW-NEMF-3-116	MW-NEMF-3-92
Laboratory ID	Soil Cleanup Criteria			L1172-09	L1172-10	L1172-12	L1172-11
Constituent	POGW	Comm	Unrest				
1,1,1,2-Tetrachloroethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,1,1-Trichloroethane	680	500000	680	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,1,2-Trichloroethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,1-Dichloroethane	270	240000	270	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,1-Dichloroethene	330	500000	330	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,1-Dichloropropene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,2,3-Trichlorobenzene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,2,3-Trichloropropane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,2,4-Trichlorobenzene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,2,4-Trimethylbenzene	3600	190000	3600	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,2-Dibromoethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,2-Dichlorobenzene	1100	500000	1100	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,2-Dichloroethane	20	30000	20	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,2-Dichloropropane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,3,5-Trimethylbenzene	8400	190000	8400	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,3-Dichlorobenzene	2400	280000	2400	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,3-Dichloropropane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,4-Dichlorobenzene	1800	130000	1800	5.9 ND	5.1 ND	5.4 ND	5.6 ND
1,4-Dioxane	100	130000	100	120 R	100 R	110 R	110 R
2,2-Dichloropropane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
2-Butanone	120	500000	120	5.9 NDJ	5.1 NDJ	5.4 NDJ	5.6 NDJ
2-Chlorotoluene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
2-Hexanone	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
4-Chlorotoluene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
4-Isopropyltoluene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND

Sample Location				MW-NEMF-2	MW-NEMF-3	MW-NEMF-3	MW-NEMF-3
Sample Name				MW-NEMF-2-122	MW-NEMF-3-72	MW-NEMF-3-116	MW-NEMF-3-92
Sample Date				6/1/2012	6/4/2012	6/5/2012	6/5/2012
Sample Depth				122	72	116	92
AKA (name on lab data)				MW-NEMF-2-122	MW-NEMF-3-72	MW-NEMF-3-116	MW-NEMF-3-92
Laboratory ID	Soil Cleanup Criteria			L1172-09	L1172-10	L1172-12	L1172-11
Constituent	POGW	Comm	Unrest				
4-Methyl-2-pentanone	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Acetone	50	500000	50	5.9 NDJ	5.1 NDJ	5.4 NDJ	5.6 NDJ
Benzene	60	44000	60	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Bromobenzene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Bromochloromethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Bromodichloromethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Bromoform	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Bromomethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Carbon disulfide	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Carbon tetrachloride	760	22000	760	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Chlorobenzene	1100	500000	1100	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Chloroethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Chloroform	370	350000	370	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Chloromethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
cis-1,2-Dichloroethene	250	500000	250	5.9 ND	5.1 ND	5.4 ND	5.6 ND
cis-1,3-Dichloropropene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Dibromochloromethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Dibromomethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Dichlorodifluoromethane	NA	NA	NA	5.9 NDJ	5.1 NDJ	5.4 NDJ	5.6 NDJ
Ethylbenzene	1000	390000	1000	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Hexachlorobutadiene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Iodomethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Isopropylbenzene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
m,p-Xylene	1600	500000	260	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Methyl tert-butyl ether	930	500000	930	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Methylene chloride	50	500000	50	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Naphthalene	12000	500000	12000	5.9 ND	5.1 ND	5.4 ND	5.6 ND

Sample Location				MW-NEMF-2	MW-NEMF-3	MW-NEMF-3	MW-NEMF-3
Sample Name				MW-NEMF-2-122	MW-NEMF-3-72	MW-NEMF-3-116	MW-NEMF-3-92
Sample Date				6/1/2012	6/4/2012	6/5/2012	6/5/2012
Sample Depth				122	72	116	92
AKA (name on lab data)				MW-NEMF-2-122	MW-NEMF-3-72	MW-NEMF-3-116	MW-NEMF-3-92
Laboratory ID	Soil Cleanup Criteria			L1172-09	L1172-10	L1172-12	L1172-11
Constituent	POGW	Comm	Unrest				
n-Butylbenzene	12000	500000	12000	5.9 ND	5.1 ND	5.4 ND	5.6 ND
n-Propylbenzene	3900	500000	3900	5.9 ND	5.1 ND	5.4 ND	5.6 ND
o-Xylene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Tetrachloroethene	1300	150000	1300	5.9 NDJ	5.1 NDJ	5.4 NDJ	5.6 NDJ
sec-Butylbenzene	11000	500000	11000	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Styrene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Trichloroethene	470	200000	470	5.9 ND	5.1 ND	5.4 ND	5.6 ND
tert-Butylbenzene	5900	500000	5900	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Toluene	700	500000	700	5.9 ND	5.1 ND	5.4 ND	5.6 ND
trans-1,2-Dichloroethene	190	500000	190	5.9 ND	5.1 ND	5.4 ND	5.6 ND
trans-1,3-Dichloropropene	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Trichlorofluoromethane	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Vinyl acetate	NA	NA	NA	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Vinyl chloride	20	13000	20	5.9 ND	5.1 ND	5.4 ND	5.6 ND
Xylene (Total)	1600	500000	260	5.9 ND	5.1 ND	5.4 ND	5.6 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				DW-8
Sample Name				DW-8-083012
Sample Date				8/30/2012
Sample Depth				14
AKA (name on lab data)				DW-8-VAULT(14)
Laboratory ID	Soil Cleanup Criteria			L1853-01
Constituent	POGW	Comm	Unrest	
1,1,1,2-Tetrachloroethane	NA	NA	NA	11 ND
1,1,1-Trichloroethane	680	500000	680	11 ND
1,1,2,2-Tetrachloroethane	NA	NA	NA	11 ND
1,1,2-Trichloroethane	NA	NA	NA	11 ND
1,1-Dichloroethane	270	240000	270	11 ND
1,1-Dichloroethene	330	500000	330	11 ND
1,1-Dichloropropene	NA	NA	NA	11 ND
1,2,3-Trichlorobenzene	NA	NA	NA	11 ND
1,2,3-Trichloropropane	NA	NA	NA	11 ND
1,2,4-Trichlorobenzene	NA	NA	NA	11 ND
1,2,4-Trimethylbenzene	3600	190000	3600	11 ND
1,2-Dibromo-3-chloropropane	NA	NA	NA	11 ND
1,2-Dibromoethane	NA	NA	NA	11 ND
1,2-Dichlorobenzene	1100	500000	1100	11 ND
1,2-Dichloroethane	20	30000	20	11 ND
1,2-Dichloropropane	NA	NA	NA	11 ND
1,3,5-Trimethylbenzene	8400	190000	8400	11 ND
1,3-Dichlorobenzene	2400	280000	2400	11 ND
1,3-Dichloropropane	NA	NA	NA	11 ND
1,4-Dichlorobenzene	1800	130000	1800	11 ND
1,4-Dioxane	100	130000	100	220 R
2,2-Dichloropropane	NA	NA	NA	11 ND
2-Butanone	120	500000	120	11 NDJ
2-Chlorotoluene	NA	NA	NA	11 ND
2-Hexanone	NA	NA	NA	11 ND
4-Chlorotoluene	NA	NA	NA	11 ND
4-Isopropyltoluene	NA	NA	NA	11 ND

Sample Location				DW-8
Sample Name				DW-8-083012
Sample Date				8/30/2012
Sample Depth				14
AKA (name on lab data)				DW-8-VAULT(14)
Laboratory ID	Soil Cleanup Criteria			L1853-01
Constituent	POGW	Comm	Unrest	
4-Methyl-2-pentanone	NA	NA	NA	11 ND
Acetone	50	500000	50	**51 J**
Benzene	60	44000	60	11 ND
Bromobenzene	NA	NA	NA	11 ND
Bromochloromethane	NA	NA	NA	11 ND
Bromodichloromethane	NA	NA	NA	11 ND
Bromoform	NA	NA	NA	11 ND
Bromomethane	NA	NA	NA	11 ND
Carbon disulfide	NA	NA	NA	11 ND
Carbon tetrachloride	760	22000	760	11 ND
Chlorobenzene	1100	500000	1100	11 ND
Chloroethane	NA	NA	NA	11 ND
Chloroform	370	350000	370	11 ND
Chloromethane	NA	NA	NA	11 ND
cis-1,2-Dichloroethene	250	500000	250	11 ND
cis-1,3-Dichloropropene	NA	NA	NA	11 ND
Dibromochloromethane	NA	NA	NA	11 ND
Dibromomethane	NA	NA	NA	11 ND
Dichlorodifluoromethane	NA	NA	NA	11 ND
Ethylbenzene	1000	390000	1000	11 ND
Hexachlorobutadiene	NA	NA	NA	11 ND
Iodomethane	NA	NA	NA	11 ND
Isopropylbenzene	NA	NA	NA	11 ND
m,p-Xylene	1600	500000	260	11 ND
Methyl tert-butyl ether	930	500000	930	11 ND
Methylene chloride	50	500000	50	4.2 J
Naphthalene	12000	500000	12000	11 ND

Sample Location				DW-8
Sample Name				DW-8-083012
Sample Date				8/30/2012
Sample Depth				14
AKA (name on lab data)				DW-8-VAULT(14)
Laboratory ID	Soil Cleanup Criteria			L1853-01
Constituent	POGW	Comm	Unrest	
n-Butylbenzene	12000	500000	12000	11 ND
n-Propylbenzene	3900	500000	3900	11 ND
o-Xylene	NA	NA	NA	11 ND
Tetrachloroethene	1300	150000	1300	11 ND
sec-Butylbenzene	11000	500000	11000	11 ND
Styrene	NA	NA	NA	11 ND
Trichloroethene	470	200000	470	11 ND
tert-Butylbenzene	5900	500000	5900	11 ND
Toluene	700	500000	700	8.3 J
trans-1,2-Dichloroethene	190	500000	190	11 ND
trans-1,3-Dichloropropene	NA	NA	NA	11 ND
Trichlorofluoromethane	NA	NA	NA	11 ND
Vinyl acetate	NA	NA	NA	11 ND
Vinyl chloride	20	13000	20	11 ND
Xylene (Total)	1600	500000	260	11 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial.

Sample Location				301-2E	301-7	161-CP2	161-IDW
Sample Name				301-2E-11_5	301-7-11	161-CP2-18	161-IDW-6
Sample Date				1/11/2011	1/12/2011	1/13/2011	1/14/2011
Sample Depth				11.5	11	18	6
AKA (name on lab data)				301-2E(11.5')	301-7(11.0')	161-CP2 (18')	161-IDW (6')
Laboratory ID	Soil Cleanup Criteria			K0039-01	K0039-02	K0053-03	K0053-13
Constituent	POGW	Comm	Unrest				
2,4,5-Trichlorophenol	100	NA	NA	710 ND	710 ND	730 ND	700 ND
2,4,6-Trichlorophenol	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
2,4-Dichlorophenol	400	NA	NA	350 ND	350 ND	360 ND	340 ND
2,4-Dimethylphenol	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
2,4-Dinitrophenol	200	NA	NA	710 ND	710 ND	730 ND	700 ND
2,4-Dinitrotoluene	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
2,6-Dinitrotoluene	1000	NA	NA	350 ND	350 ND	360 ND	340 ND
2-Chloronaphthalene	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
2-Chlorophenol	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
2-Methylnaphthalene	36400	NA	NA	350 ND	350 ND	360 ND	340 ND
2-Methylphenol	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
2-Nitroaniline	400	NA	NA	710 ND	710 ND	730 ND	700 ND
2-Nitrophenol	300	NA	NA	350 ND	350 ND	360 ND	340 ND
3,3'-Dichlorobenzidine	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
3-Nitroaniline	500	NA	NA	710 ND	710 ND	730 ND	700 ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	710 ND	710 ND	730 ND	700 ND
4-Bromophenyl phenyl ether	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
4-Chloro-3-methylphenol	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
4-Chloroaniline	220	NA	NA	350 ND	350 ND	360 ND	340 ND
4-Chlorophenyl-phenylether	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
4-Methylphenol	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
4-Nitroaniline	NA	NA	NA	710 ND	710 ND	730 ND	700 ND
4-Nitrophenol	100	NA	NA	710 ND	710 ND	730 ND	700 ND
Acenaphthene	9800	500000	20000	350 ND	350 ND	360 ND	340 ND
Acenaphthylene	107000	500000	100000	350 ND	350 ND	360 ND	340 ND
Anthracene	1E+06	500000	100000	350 ND	350 ND	360 ND	340 ND
Benzo(a)anthracene	1000	5600	1000	350 ND	350 ND	360 ND	340 ND

Sample Location				301-2E	301-7	161-CP2	161-IDW
Sample Name				301-2E-11_5	301-7-11	161-CP2-18	161-IDW-6
Sample Date				1/11/2011	1/12/2011	1/13/2011	1/14/2011
Sample Depth				11.5	11	18	6
AKA (name on lab data)				301-2E(11.5')	301-7(11.0')	161-CP2 (18')	161-IDW (6')
Laboratory ID	Soil Cleanup Criteria			K0039-01	K0039-02	K0053-03	K0053-13
Constituent	POGW	Comm	Unrest				
Benzo(a)pyrene	2200	1000	1000	350 ND	350 ND	360 ND	340 ND
Benzo(b)fluoranthene	1700	5600	1000	350 ND	350 ND	360 ND	340 ND
Benzo(g,h,i)perylene	1E+06	500000	100000	350 ND	350 ND	360 ND	340 ND
Benzo(k)fluoranthene	1700	56000	800	350 ND	350 ND	360 ND	340 ND
Bis(2-Chloroethoxy)methane	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
Bis(2-Chloroethyl)ether	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
Bis(2-Chloroisopropyl)ether	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
Bis(2-ethylhexyl)phthalate	435000	NA	NA	350 ND	350 ND	150 J	340 ND
Butylbenzylphthalate	122000	NA	NA	350 ND	350 ND	360 ND	340 ND
Carbazole	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
Chrysene	1000	56000	1000	350 ND	350 ND	360 ND	340 ND
Dibenzo(a,h)anthracene	1E+06	560	330	350 ND	350 ND	360 ND	340 ND
Dibenzofuran	210000	350000	700	350 ND	350 ND	360 ND	340 ND
Diethylphthalate	7100	NA	NA	350 ND	350 ND	360 ND	340 ND
Dimethyl phthalate	27000	NA	NA	350 ND	350 ND	360 ND	340 ND
Di-n-butylphthalate	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
Di-n-octylphthalate	120000	NA	NA	350 ND	350 ND	360 ND	340 ND
Fluoranthene	1E+06	500000	100000	350 ND	350 ND	360 ND	340 ND
Fluorene	386000	500000	30000	350 ND	350 ND	360 ND	340 ND
Hexachlorobenzene	1400	NA	NA	350 ND	350 ND	360 ND	340 ND
Hexachlorocyclopentadiene	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
Hexachloroethane	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
Indeno(1,2,3-cd)pyrene	8200	5600	500	350 ND	350 ND	360 ND	340 ND
Isophorone	4400	NA	NA	350 ND	350 ND	360 ND	340 ND
Nitrobenzene	170	6900	NA	350 ND	350 ND	360 ND	340 ND
N-Nitroso-di-n-propylamine	NA	NA	NA	350 ND	350 ND	360 ND	340 ND
n-Nitrosodiphenylamine	NA	NA	NA	350 ND	350 ND	360 ND	340 ND

Sample Location				301-2E	301-7	161-CP2	161-IDW
Sample Name				301-2E-11_5	301-7-11	161-CP2-18	161-IDW-6
Sample Date				1/11/2011	1/12/2011	1/13/2011	1/14/2011
Sample Depth				11.5	11	18	6
AKA (name on lab data)				301-2E(11.5')	301-7(11.0')	161-CP2 (18')	161-IDW (6')
Laboratory ID	Soil Cleanup Criteria			K0039-01	K0039-02	K0053-03	K0053-13
Constituent	POGW	Comm	Unrest				
Pentachlorophenol	800	6700	800	710 ND	710 ND	730 ND	700 ND
Phenanthrene	1E+06	500000	100000	350 ND	350 ND	360 ND	340 ND
Phenol	3300	500000	330	350 ND	350 ND	360 ND	340 ND
Pyrene	1E+06	500000	100000	350 ND	350 ND	360 ND	340 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial. CP-51/Soil Cleanup Guidance.

Sample Location				DB-MW-3N	301-CP2	DB-DW-9E	DB-DW-9N
Sample Name				DB-MW-3N-30_5	301-CP2-17	DB-DW-9E-12_5	DB-DW-9N-10
Sample Date				1/14/2011	1/17/2011	1/18/2011	1/18/2011
Sample Depth				30.5	17	12.5	10
AKA (name on lab data)				DB-MW3N (30.5')	301-CP2(17')	DB-DW9E(12.5')	DB-DW9N(10.0')
Laboratory ID	Soil Cleanup Criteria			K0053-10	K0063-06	K0063-13	K0063-16
Constituent	POGW	Comm	Unrest				
2,4,5-Trichlorophenol	100	NA	NA	690 ND	790 ND	740 ND	770 ND
2,4,6-Trichlorophenol	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
2,4-Dichlorophenol	400	NA	NA	340 ND	390 ND	370 ND	380 ND
2,4-Dimethylphenol	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
2,4-Dinitrophenol	200	NA	NA	690 ND	790 ND	740 ND	770 ND
2,4-Dinitrotoluene	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
2,6-Dinitrotoluene	1000	NA	NA	340 ND	390 ND	370 ND	380 ND
2-Chloronaphthalene	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
2-Chlorophenol	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
2-Methylnaphthalene	36400	NA	NA	340 ND	390 ND	370 ND	380 ND
2-Methylphenol	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
2-Nitroaniline	400	NA	NA	690 ND	790 ND	740 ND	770 ND
2-Nitrophenol	300	NA	NA	340 ND	390 ND	370 ND	380 ND
3,3'-Dichlorobenzidine	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
3-Nitroaniline	500	NA	NA	690 ND	790 ND	740 ND	770 ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	690 ND	790 ND	740 ND	770 ND
4-Bromophenyl phenyl ether	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
4-Chloro-3-methylphenol	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
4-Chloroaniline	220	NA	NA	340 ND	390 ND	370 ND	380 ND
4-Chlorophenyl-phenylether	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
4-Methylphenol	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
4-Nitroaniline	NA	NA	NA	690 ND	790 ND	740 ND	770 ND
4-Nitrophenol	100	NA	NA	690 ND	790 ND	740 ND	770 ND
Acenaphthene	9800	500000	20000	340 ND	390 ND	370 ND	380 ND
Acenaphthylene	107000	500000	100000	340 ND	390 ND	370 ND	380 ND
Anthracene	1E+06	500000	100000	340 ND	390 ND	370 ND	380 ND
Benzo(a)anthracene	1000	5600	1000	340 ND	390 ND	370 ND	380 ND

Sample Location				DB-MW-3N	301-CP2	DB-DW-9E	DB-DW-9N
Sample Name				DB-MW-3N-30_5	301-CP2-17	DB-DW-9E-12_5	DB-DW-9N-10
Sample Date				1/14/2011	1/17/2011	1/18/2011	1/18/2011
Sample Depth				30.5	17	12.5	10
AKA (name on lab data)				DB-MW3N (30.5')	301-CP2(17')	DB-DW9E(12.5')	DB-DW9N(10.0')
Laboratory ID	Soil Cleanup Criteria			K0053-10	K0063-06	K0063-13	K0063-16
Constituent	POGW	Comm	Unrest				
Benzo(a)pyrene	2200	1000	1000	340 ND	390 ND	370 ND	380 ND
Benzo(b)fluoranthene	1700	5600	1000	340 ND	390 ND	370 ND	380 ND
Benzo(g,h,i)perylene	1E+06	500000	100000	340 ND	390 ND	370 ND	380 ND
Benzo(k)fluoranthene	1700	56000	800	340 ND	390 ND	370 ND	380 ND
Bis(2-Chloroethoxy)methane	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
Bis(2-Chloroethyl)ether	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
Bis(2-Chloroisopropyl)ether	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
Bis(2-ethylhexyl)phthalate	435000	NA	NA	340 ND	390 ND	160 J	220 J
Butylbenzylphthalate	122000	NA	NA	340 ND	390 ND	370 ND	380 ND
Carbazole	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
Chrysene	1000	56000	1000	340 ND	390 ND	370 ND	380 ND
Dibenzo(a,h)anthracene	1E+06	560	330	340 ND	390 ND	370 ND	380 ND
Dibenzofuran	210000	350000	700	340 ND	390 ND	370 ND	380 ND
Diethylphthalate	7100	NA	NA	340 ND	390 ND	370 ND	380 ND
Dimethyl phthalate	27000	NA	NA	340 ND	390 ND	370 ND	380 ND
Di-n-butylphthalate	NA	NA	NA	340 ND	45 J	370 ND	380 ND
Di-n-octylphthalate	120000	NA	NA	340 ND	390 ND	370 ND	380 ND
Fluoranthene	1E+06	500000	100000	340 ND	390 ND	370 ND	380 ND
Fluorene	386000	500000	30000	340 ND	390 ND	370 ND	380 ND
Hexachlorobenzene	1400	NA	NA	340 ND	390 ND	370 ND	380 ND
Hexachlorocyclopentadiene	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
Hexachloroethane	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
Indeno(1,2,3-cd)pyrene	8200	5600	500	340 ND	390 ND	370 ND	380 ND
Isophorone	4400	NA	NA	340 ND	390 ND	370 ND	380 ND
Nitrobenzene	170	6900	NA	340 ND	390 ND	370 ND	380 ND
N-Nitroso-di-n-propylamine	NA	NA	NA	340 ND	390 ND	370 ND	380 ND
n-Nitrosodiphenylamine	NA	NA	NA	340 ND	390 ND	370 ND	380 ND

Sample Location				DB-MW-3N	301-CP2	DB-DW-9E	DB-DW-9N
Sample Name				DB-MW-3N-30_5	301-CP2-17	DB-DW-9E-12_5	DB-DW-9N-10
Sample Date				1/14/2011	1/17/2011	1/18/2011	1/18/2011
Sample Depth				30.5	17	12.5	10
AKA (name on lab data)				DB-MW3N (30.5')	301-CP2(17')	DB-DW9E(12.5')	DB-DW9N(10.0')
Laboratory ID	Soil Cleanup Criteria			K0053-10	K0063-06	K0063-13	K0063-16
Constituent	POGW	Comm	Unrest				
Pentachlorophenol	800	6700	800	690 ND	790 ND	740 ND	770 ND
Phenanthrene	1E+06	500000	100000	340 ND	390 ND	370 ND	380 ND
Phenol	3300	500000	330	340 ND	390 ND	370 ND	380 ND
Pyrene	1E+06	500000	100000	340 ND	390 ND	370 ND	380 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial. CP-51/Soil Cleanup Guidance.

Sample Location				DB-DW-9S	ALC-MW-3E
Sample Name				DB-DW-9S-1_5	ALC-MW-3E-38
Sample Date				1/18/2011	1/19/2011
Sample Depth				1.5	38
AKA (name on lab data)				DB-DW9S(1.5')	ALC-MW3E (38')
Laboratory ID	Soil Cleanup Criteria			K0063-14	K0072-05
Constituent	POGW	Comm	Unrest		
2,4,5-Trichlorophenol	100	NA	NA	700 ND	680 ND
2,4,6-Trichlorophenol	NA	NA	NA	350 ND	330 ND
2,4-Dichlorophenol	400	NA	NA	350 ND	330 ND
2,4-Dimethylphenol	NA	NA	NA	350 ND	330 ND
2,4-Dinitrophenol	200	NA	NA	700 ND	680 ND
2,4-Dinitrotoluene	NA	NA	NA	350 ND	330 ND
2,6-Dinitrotoluene	1000	NA	NA	350 ND	330 ND
2-Chloronaphthalene	NA	NA	NA	350 ND	330 ND
2-Chlorophenol	NA	NA	NA	350 ND	330 ND
2-Methylnaphthalene	36400	NA	NA	350 ND	330 ND
2-Methylphenol	NA	NA	NA	350 ND	330 ND
2-Nitroaniline	400	NA	NA	700 ND	680 ND
2-Nitrophenol	300	NA	NA	350 ND	330 ND
3,3'-Dichlorobenzidine	NA	NA	NA	350 ND	330 ND
3-Nitroaniline	500	NA	NA	700 ND	680 ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	700 ND	680 ND
4-Bromophenyl phenyl ether	NA	NA	NA	350 ND	330 ND
4-Chloro-3-methylphenol	NA	NA	NA	350 ND	330 ND
4-Chloroaniline	220	NA	NA	350 ND	330 ND
4-Chlorophenyl-phenylether	NA	NA	NA	350 ND	330 ND
4-Methylphenol	NA	NA	NA	350 ND	330 ND
4-Nitroaniline	NA	NA	NA	700 ND	680 ND
4-Nitrophenol	100	NA	NA	700 ND	680 ND
Acenaphthene	9800	500000	20000	350 ND	330 ND
Acenaphthylene	107000	500000	100000	350 ND	330 ND
Anthracene	1E+06	500000	100000	350 ND	330 ND
Benzo(a)anthracene	1000	5600	1000	350 ND	330 ND

Sample Location				DB-DW-9S	ALC-MW-3E
Sample Name				DB-DW-9S-1_5	ALC-MW-3E-38
Sample Date				1/18/2011	1/19/2011
Sample Depth				1.5	38
AKA (name on lab data)				DB-DW9S(1.5')	ALC-MW3E (38')
Laboratory ID	Soil Cleanup Criteria			K0063-14	K0072-05
Constituent	POGW	Comm	Unrest		
Benzo(a)pyrene	2200	1000	1000	350 ND	330 ND
Benzo(b)fluoranthene	1700	5600	1000	350 ND	330 ND
Benzo(g,h,i)perylene	1E+06	500000	100000	350 ND	330 ND
Benzo(k)fluoranthene	1700	56000	800	350 ND	330 ND
Bis(2-Chloroethoxy)methane	NA	NA	NA	350 ND	330 ND
Bis(2-Chloroethyl)ether	NA	NA	NA	350 ND	330 ND
Bis(2-Chloroisopropyl)ether	NA	NA	NA	350 ND	330 ND
Bis(2-ethylhexyl)phthalate	435000	NA	NA	350 ND	330 ND
Butylbenzylphthalate	122000	NA	NA	350 ND	330 ND
Carbazole	NA	NA	NA	350 ND	330 ND
Chrysene	1000	56000	1000	350 ND	330 ND
Dibenzo(a,h)anthracene	1E+06	560	330	350 ND	330 ND
Dibenzofuran	210000	350000	700	350 ND	330 ND
Diethylphthalate	7100	NA	NA	350 ND	330 ND
Dimethyl phthalate	27000	NA	NA	350 ND	330 ND
Di-n-butylphthalate	NA	NA	NA	350 ND	330 ND
Di-n-octylphthalate	120000	NA	NA	350 ND	330 ND
Fluoranthene	1E+06	500000	100000	350 ND	330 ND
Fluorene	386000	500000	30000	350 ND	330 ND
Hexachlorobenzene	1400	NA	NA	350 ND	330 ND
Hexachlorocyclopentadiene	NA	NA	NA	350 ND	330 ND
Hexachloroethane	NA	NA	NA	350 ND	330 ND
Indeno(1,2,3-cd)pyrene	8200	5600	500	350 ND	330 ND
Isophorone	4400	NA	NA	350 ND	330 ND
Nitrobenzene	170	6900	NA	350 ND	330 ND
N-Nitroso-di-n-propylamine	NA	NA	NA	350 ND	330 ND
n-Nitrosodiphenylamine	NA	NA	NA	350 ND	330 ND

Sample Location				DB-DW-9S	ALC-MW-3E
Sample Name				DB-DW-9S-1_5	ALC-MW-3E-38
Sample Date				1/18/2011	1/19/2011
Sample Depth				1.5	38
AKA (name on lab data)				DB-DW9S(1.5')	ALC-MW3E (38')
Laboratory ID	Soil Cleanup Criteria			K0063-14	K0072-05
Constituent	POGW	Comm	Unrest		
Pentachlorophenol	800	6700	800	700 ND	680 ND
Phenanthrene	1E+06	500000	100000	350 ND	330 ND
Phenol	3300	500000	330	350 ND	330 ND
Pyrene	1E+06	500000	100000	350 ND	330 ND

Units - parts per billion (ppb)
underlined cell – exceeds most restrictive, bold cell - exceeds all but commercial, bold highlighted call - exceeds all criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank; D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit; NJ – positive identification of tentatively identified compound, estimated value; P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil – 6NYCRR Part 375 Soil Cleanup Objectives. Unrest - unrestricted, POGW - protection of groundwater, Comm - commercial. CP-51/Soil Cleanup Guidance.

Sample Location				301-2E	301-7	161-CP2	161-IDW
Sample Name				301-2E-11_5	301-7-11	161-CP2-18	161-IDW-6
Sample Date				1/11/2011	1/12/2011	1/13/2011	1/14/2011
Sample Depth				11.5	11	18	6
AKA (name on lab data)				301-2E(11.5')	301-7(11.0')	161-CP2 (18')	161-IDW (6')
Laboratory ID	Soil Cleanup Criteria			K0039-01	K0039-02	K0053-03	K0053-13
Constituent	POGW	Comm	Unrest				
4,4´-DDD	14000	92000	3.3	3.5 ND	3.4 ND	3.6 ND	3.4 ND
4,4´-DDE	17000	62000	3.3	3.5 ND	3.4 ND	3.6 ND	3.4 ND
4,4´-DDT	136000	47000	3.3	3.5 ND	3.4 ND	3.6 ND	3.4 ND
Aldrin	190	680	5	1.8 ND	1.8 ND	1.8 ND	1.8 ND
alpha-BHC	20	3400	20	1.8 ND	1.8 ND	1.8 ND	1.8 ND
alpha-Chlordane	2900	2400	94	1.8 ND	1.8 ND	1.8 ND	1.8 ND
beta-BHC	90	3000	36	1.8 ND	1.8 ND	1.8 ND	1.8 ND
delta-BHC	250	500000	40	1.8 ND	1.8 ND	1.8 ND	1.8 ND
Dieldrin	100	1400	5	3.5 ND	3.4 ND	3.6 ND	3.4 ND
Endosulfan I	102000	200000	2400	1.8 ND	1.8 ND	1.8 ND	1.8 ND
Endosulfan II	102000	200000	2400	3.5 ND	3.4 ND	3.6 ND	3.4 ND
Endosulfan sulfate	1E+06	200000	2400	3.5 ND	3.4 ND	3.6 ND	3.4 ND
Endrin	60	89000	14	3.5 ND	3.4 ND	3.6 ND	3.4 ND
Endrin aldehyde	NA	NA	NA	3.5 ND	3.4 ND	3.6 ND	3.4 ND
Endrin ketone	NA	NA	NA	3.5 ND	3.4 ND	3.6 ND	3.4 ND
gamma-BHC (Lindane)	100	9200	100	1.8 ND	1.8 ND	1.8 ND	1.8 ND
gamma-Chlordane	14000	NA	NA	1.8 ND	1.8 ND	1.8 ND	1.8 ND
Heptachlor	380	15000	42	1.8 ND	1.8 ND	1.8 ND	1.8 ND
Heptachlor epoxide	20	NA	NA	1.8 ND	1.8 ND	1.8 ND	1.8 ND
Methoxychlor	900000	NA	NA	18 ND	18 ND	18 ND	18 ND
Toxaphene	NA	NA	NA	180 ND	180 ND	180 ND	180 ND
Units - parts per billion (ppb)							
Bold/highlighted cell – exceedance of criteria							
Qualifiers -							
NA - criteria or standard not available							
B – also detected in associated method blank							
D – diluted; J – estimated value ND – not detected; R - rejected							
NDJ – not detected, estimated reporting limit							
NJ – positive identification of tentatively identified							
compound, estimated value							

Sample Location				DB-MW-3N	301-CP2	DB-DW-9E	DB-DW-9N
Sample Name				DB-MW-3N-30_5	301-CP2-17	DB-DW-9E-12_5	DB-DW-9N-10
Sample Date				1/14/2011	1/17/2011	1/18/2011	1/18/2011
Sample Depth				30.5	17	12.5	10
AKA (name on lab data)				DB-MW3N (30.5')	301-CP2(17')	DB-DW9E(12.5')	DB-DW9N(10.0')
Laboratory ID	Soil Cleanup Criteria			K0053-10	K0063-06	K0063-13	K0063-16
Constituent	POGW	Comm	Unrest				
4,4´-DDD	14000	92000	3.3	3.4 ND	3.9 ND	3.7 ND	55
4,4´-DDE	17000	62000	3.3	3.4 ND	3.9 ND	3.7 ND	52
4,4´-DDT	136000	47000	3.3	3.4 ND	3.9 ND	3.7 ND	120
Aldrin	190	680	5	1.7 ND	2 ND	1.9 ND	12 ND
alpha-BHC	20	3400	20	1.7 ND	2 ND	1.9 ND	12 ND
alpha-Chlordane	2900	2400	94	1.7 ND	2 ND	1.9 ND	12 ND
beta-BHC	90	3000	36	1.7 ND	2 ND	1.9 ND	12 ND
delta-BHC	250	500000	40	1.7 ND	2 ND	1.9 ND	12 ND
Dieldrin	100	1400	5	3.4 ND	3.9 ND	3.7 ND	38 P
Endosulfan I	102000	200000	2400	1.7 ND	2 ND	1.9 ND	12 ND
Endosulfan II	102000	200000	2400	3.4 ND	3.9 ND	3.7 ND	23 ND
Endosulfan sulfate	1E+06	200000	2400	3.4 ND	3.9 ND	3.7 ND	23 ND
Endrin	60	89000	14	3.4 ND	3.9 ND	3.7 ND	23 ND
Endrin aldehyde	NA	NA	NA	3.4 ND	3.9 ND	3.7 ND	23 ND
Endrin ketone	NA	NA	NA	3.4 ND	3.9 ND	3.7 ND	23 ND
gamma-BHC (Lindane)	100	9200	100	1.7 ND	2 ND	1.9 ND	12 ND
gamma-Chlordane	14000	NA	NA	1.7 ND	2 ND	1.9 ND	12 ND
Heptachlor	380	15000	42	1.7 ND	2 ND	1.9 ND	12 ND
Heptachlor epoxide	20	NA	NA	1.7 ND	2 ND	1.9 ND	46 P
Methoxychlor	900000	NA	NA	17 ND	20 ND	19 ND	38 J
Toxaphene	NA	NA	NA	170 ND	200 ND	190 ND	1200 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value

P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Soil Cleanup Objectives; POGW - protection of groundwater, Comm - commercial, Unrest - unrestricted. CP-51/Soil Cleanup Guidance.
Underlined cell - exceeds most restrictive criteria

Sample Location				DB-DW-9S	ALC-MW-3E
Sample Name				DB-DW-9S-1_5	ALC-MW-3E-38
Sample Date				1/18/2011	1/19/2011
Sample Depth				1.5	38
AKA (name on lab data)				DB-DW9S(1.5')	ALC-MW3E (38')
Laboratory ID	Soil Cleanup Criteria			K0063-14	K0072-05
Constituent	POGW	Comm	Unrest		
4,4´-DDD	14000	92000	3.3	3.5 ND	3.4 ND
4,4´-DDE	17000	62000	3.3	3.5 ND	3.4 ND
4,4´-DDT	136000	47000	3.3	3.5 ND	3.4 ND
Aldrin	190	680	5	1.8 ND	1.7 ND
alpha-BHC	20	3400	20	1.8 ND	1.7 ND
alpha-Chlordane	2900	2400	94	1.8 ND	1.7 ND
beta-BHC	90	3000	36	1.8 ND	1.7 ND
delta-BHC	250	500000	40	1.8 ND	1.7 ND
Dieldrin	100	1400	5	3.5 ND	3.4 ND
Endosulfan I	102000	200000	2400	1.8 ND	1.7 ND
Endosulfan II	102000	200000	2400	3.5 ND	3.4 ND
Endosulfan sulfate	1E+06	200000	2400	3.5 ND	3.4 ND
Endrin	60	89000	14	3.5 ND	3.4 ND
Endrin aldehyde	NA	NA	NA	3.5 ND	3.4 ND
Endrin ketone	NA	NA	NA	3.5 ND	3.4 ND
gamma-BHC (Lindane)	100	9200	100	1.8 ND	1.7 ND
gamma-Chlordane	14000	NA	NA	1.8 ND	1.7 ND
Heptachlor	380	15000	42	1.8 ND	1.7 ND
Heptachlor epoxide	20	NA	NA	1.8 ND	1.7 ND
Methoxychlor	900000	NA	NA	18 ND	17 ND
Toxaphene	NA	NA	NA	180 ND	170 ND
Units - parts per billion (ppb)					
Bold/highlighted cell – exceedance of criteria					
Qualifiers -					
NA - criteria or standard not available					
B – also detected in associated method blank					
D – diluted; J – estimated value ND – not detected; R - rejected					
NDJ – not detected, estimated reporting limit					
NJ – positive identification of tentatively identified					
compound, estimated value					

Sample Location				DW9N-NE	DW9N-NE	DW9N-NE	DW9N-NE	DW9N-NW
Sample Name				DW9N-NE-10	DW9N-NE-15	DW9N-NE-2	DW9N-NE-20	DW9N-NW-10
Sample Date				3/5/2012	3/5/2012	3/5/2012	3/5/2012	3/5/2012
Sample Depth				10	15	2	10	10
AKA (name on lab data)				DW9N-NE-10	DW9N-NE-15	DW9N-NE-2	DW9N-NE-20	DW9N-NW-10
Laboratory ID	Soil Cleanup Criteria			L0444-03	L0444-04	L0444-01	L0444-09	L0444-02
Constituent	POGW	Comm	Criteria			Duplicate of DW9N-NE-10		
4,4´-DDD	14000	92000	3.3	3.8 ND	3.6 ND	3.5 ND	4 ND	3.9 ND
4,4´-DDE	17000	62000	3.3	3.8 ND	3.6 ND	3.5 ND	4 ND	3.9 ND
4,4´-DDT	136000	47000	3.3	3.8 ND	3.6 ND	3.5 ND	4 ND	3.9 ND
Aldrin	190	680	5	2 ND	1.9 ND	1.8 ND	2.1 ND	2 ND
alpha-BHC	20	3400	20	2 ND	1.9 ND	1.8 ND	2.1 ND	2 ND
alpha-Chlordane	2900	2400	94	2 ND	1.9 ND	1.8 ND	2.1 ND	2 ND
beta-BHC	90	3000	36	2 ND	1.9 ND	1.8 ND	2.1 ND	2 ND
delta-BHC	250	500000	40	2 ND	1.9 ND	1.8 ND	2.1 ND	2 ND
Dieldrin	100	1400	5	3.8 ND	3.6 ND	3.5 ND	4 ND	3.9 ND
Endosulfan I	102000	200000	2400	2 ND	1.9 ND	1.8 ND	2.1 ND	2 ND
Endosulfan II	102000	200000	2400	3.8 ND	3.6 ND	3.5 ND	4 ND	3.9 ND
Endosulfan sulfate	1E+06	200000	2400	3.8 ND	3.6 ND	3.5 ND	4 ND	3.9 ND
Endrin	60	89000	14	3.8 ND	3.6 ND	3.5 ND	4 ND	3.9 ND
Endrin aldehyde	NA	NA	NA	3.8 ND	3.6 ND	3.5 ND	4 ND	3.9 ND
Endrin ketone	NA	NA	NA	3.8 ND	3.6 ND	3.5 ND	4 ND	3.9 ND
gamma-BHC (Lindane)	100	9200	100	2 ND	1.9 ND	1.8 ND	2.1 ND	2 ND
gamma-Chlordane	14000	NA	NA	2 ND	1.9 ND	1.8 ND	2.1 ND	2 ND
Heptachlor	380	15000	42	2 ND	1.9 ND	1.8 ND	2.1 ND	2 ND
Heptachlor epoxide	20	NA	NA	2 ND	1.9 ND	1.8 ND	2.1 ND	2 ND
Methoxychlor	900000	NA	NA	20 ND	19 ND	18 ND	21 ND	20 ND
Toxaphene	NA	NA	NA	200 ND	190 ND	180 ND	210 ND	200 ND

Units - parts per billion (ppb)
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NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value

Sample Location				DW9N-NW	DW9N-S	DW9N-S	DW9N-S
Sample Name				DW9N-NW-15	DW9N-S-10	DW9N-S-15	DW9N-S-2
Sample Date				3/5/2012	3/5/2012	3/5/2012	3/5/2012
Sample Depth				15	10	15	2
AKA (name on lab data)				DW9N-NW-15	DW9N-S-10	DW9N-S-15	DW9N-S-2
Laboratory ID	Soil Cleanup Criteria			L0444-07	L0444-05	L0444-08	L0444-06
Constituent	POGW	Comm	Criteria				
4,4´-DDD	14000	92000	3.3	3.7 ND	3.5 ND	3.9 ND	3.6 ND
4,4´-DDE	17000	62000	3.3	3.7 ND	3.5 ND	3.9 ND	3.6 ND
4,4´-DDT	136000	47000	3.3	3.7 ND	3.5 ND	3.9 ND	3.6 ND
Aldrin	190	680	5	1.9 ND	1.8 ND	2 ND	1.9 ND
alpha-BHC	20	3400	20	1.9 ND	1.8 ND	2 ND	1.9 ND
alpha-Chlordane	2900	2400	94	1.9 ND	1.8 ND	2 ND	2.1 J
beta-BHC	90	3000	36	3.3 ND	1.8 ND	2 ND	1.9 ND
delta-BHC	250	500000	40	5.4	1.8 ND	4.5	1.9 ND
Dieldrin	100	1400	5	3.7 ND	3.5 ND	3.9 ND	3.6 ND
Endosulfan I	102000	200000	2400	1.9 ND	1.8 ND	2 ND	1.9 ND
Endosulfan II	102000	200000	2400	3.7 ND	3.5 ND	3.9 ND	3.6 ND
Endosulfan sulfate	1E+06	200000	2400	3.7 ND	3.5 ND	3.9 ND	3.6 ND
Endrin	60	89000	14	3.7 ND	3.5 ND	3.9 ND	3.6 ND
Endrin aldehyde	NA	NA	NA	3.7 ND	3.5 ND	3.9 ND	3.6 ND
Endrin ketone	NA	NA	NA	3.7 ND	3.5 ND	3.9 ND	3.6 ND
gamma-BHC (Lindane)	100	9200	100	1.9 ND	1.8 ND	2 ND	1.9 ND
gamma-Chlordane	14000	NA	NA	1.9 ND	1.8 ND	2 ND	1.9 ND
Heptachlor	380	15000	42	1.9 ND	1.8 ND	2 ND	1.9 ND
Heptachlor epoxide	20	NA	NA	1.9 ND	1.8 ND	2 ND	1.9 ND
Methoxychlor	900000	NA	NA	19 ND	18 ND	20 ND	19 ND
Toxaphene	NA	NA	NA	190 ND	180 ND	200 ND	190 ND

Units - parts per billion (ppb)
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Qualifiers -
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B – also detected in associated method blank
D – diluted; J – estimated value ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value

P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Soil Cleanup Objectives; POGW - protection of groundwater, Comm - commercial, Unrest - unrestricted. CP-51/Soil Cleanup Guidance.
Underlined cell - exceeds most restrictive criteria

Sample Location				301-2E	301-7	161-CP2	161-IDW
Sample Name				301-2E-11_5	301-7-11	161-CP2-18	161-IDW-6
Sample Date				1/11/2011	1/12/2011	1/13/2011	1/14/2011
Sample Depth				11.5	11	18	6
AKA (name on lab data)				301-2E(11.5')	301-7(11.0')	161-CP2 (18')	161-IDW (6')
Laboratory ID	Soil Cleanup Criteria			K0039-01	K0039-02	K0053-03	K0053-13
Constituent	POGW	Comm	Unrest				
Aroclor-1016	3200	1000	100	35 ND	34 ND	36 ND	34 ND
Aroclor-1221	3200	1000	100	35 ND	34 ND	36 ND	34 ND
Aroclor-1232	3200	1000	100	35 ND	34 ND	36 ND	34 ND
Aroclor-1242	3200	1000	100	35 ND	34 ND	36 ND	34 ND
Aroclor-1248	3200	1000	100	35 ND	34 ND	36 ND	34 ND
Aroclor-1254	3200	1000	100	35 ND	34 ND	36 ND	34 ND
Aroclor-1260	3200	1000	100	35 ND	34 ND	36 ND	34 ND

Units - parts per billion (ppb)
Bold cell – exceedance of commercial and unrestricted criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives; Soil Vapor – NYSDOH Indoor Air Guideline Values; Groundwater – TOGS Ambient Water Quality Standards & Guidance Values

Sample Location				DB-MW-3N	301-CP2	DB-DW-9E	DB-DW-9N
Sample Name				DB-MW-3N-30_5	301-CP2-17	DB-DW-9E-12_5	DB-DW-9N-10
Sample Date				1/14/2011	1/17/2011	1/18/2011	1/18/2011
Sample Depth				30.5	17	12.5	10
AKA (name on lab data)				DB-MW3N (30.5')	301-CP2(17')	DB-DW9E(12.5')	DB-DW9N(10.0')
Laboratory ID	Soil Cleanup Criteria			K0053-10	K0063-06	K0063-13	K0063-16
Constituent	POGW	Comm	Unrest				
Aroclor-1016	3200	1000	100	34 ND	39 ND	37 ND	190 ND
Aroclor-1221	3200	1000	100	34 ND	39 ND	37 ND	190 ND
Aroclor-1232	3200	1000	100	34 ND	39 ND	37 ND	190 ND
Aroclor-1242	3200	1000	100	34 ND	39 ND	37 ND	190 ND
Aroclor-1248	3200	1000	100	34 ND	39 ND	37 ND	190 ND
Aroclor-1254	3200	1000	100	34 ND	39 ND	37 ND	**1600**
Aroclor-1260	3200	1000	100	34 ND	39 ND	37 ND	190 ND

Units - parts per billion (ppb)
Bold cell – exceedance of commercial and unrestricted criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives; Soil Vapor – NYSDOH Indoor Air Guideline Values; Groundwater – TOGS Ambient Water Quality Standards & Guidance Values

Sample Location				DB-DW-9S	ALC-MW-3E
Sample Name				DB-DW-9S-1_5	ALC-MW-3E-38
Sample Date				1/18/2011	1/19/2011
Sample Depth				1.5	38
AKA (name on lab data)				DB-DW9S(1.5')	ALC-MW3E (38')
Laboratory ID	Soil Cleanup Criteria			K0063-14	K0072-05
Constituent	POGW	Comm	Unrest		
Aroclor-1016	3200	1000	100	35 ND	34 ND
Aroclor-1221	3200	1000	100	35 ND	34 ND
Aroclor-1232	3200	1000	100	35 ND	34 ND
Aroclor-1242	3200	1000	100	35 ND	34 ND
Aroclor-1248	3200	1000	100	35 ND	34 ND
Aroclor-1254	3200	1000	100	35 ND	34 ND
Aroclor-1260	3200	1000	100	35 ND	34 ND

Units - parts per billion (ppb)
Bold cell – exceedance of commercial and unrestricted criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives; Soil Vapor – NYSDOH Indoor Air Guideline Values; Groundwater – TOGS Ambient Water Quality Standards & Guidance Values

Sample Location				DW9N-NE	DW9N-NE	DW9N-NE	DW9N-NE	DW9N-NW	DW9N-NW
Sample Name				DW9N-NE-10	DW9N-NE-15	DW9N-NE-2	DW9N-NE-20	DW9N-NW-10	DW9N-NW-15
Sample Date				3/5/2012	3/5/2012	3/5/2012	3/5/2012	3/5/2012	3/5/2012
Sample Depth				10	15	2	10	10	15
AKA (name on lab data)				DW9N-NE-10	DW9N-NE-15	DW9N-NE-2	DW9N-NE-20	DW9N-NW-10	DW9N-NW-15
Laboratory ID	Soil Cleanup Criteria			L0444-03	L0444-04	L0444-01	L0444-09	L0444-02	L0444-07
Constituent	POGW	Comm	Unrest			Duplicate of DW9N-NE-10			
Aroclor-1016	3200	1000	100	38 ND	36 ND	35 ND	40 ND	39 ND	37 ND
Aroclor-1221	3200	1000	100	38 ND	36 ND	35 ND	40 ND	39 ND	37 ND
Aroclor-1232	3200	1000	100	38 ND	36 ND	35 ND	40 ND	39 ND	37 ND
Aroclor-1242	3200	1000	100	38 ND	36 ND	35 ND	40 ND	39 ND	59
Aroclor-1248	3200	1000	100	38 ND	36 ND	35 ND	40 ND	39 ND	37 ND
Aroclor-1254	3200	1000	100	38 ND	36 ND	35 ND	40 ND	39 ND	37 ND
Aroclor-1260	3200	1000	100	38 ND	36 ND	35 ND	40 ND	39 ND	37 ND

Units - parts per billion (ppb)
Bold cell – exceedance of commercial and unrestricted criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives; Soil Vapor – NYSDOH Indoor Air Guideline Values; Groundwater – TOGS Ambient Water Quality Standards & Guidance Values

Sample Location				DW9N-S	DW9N-S	DW9N-S
Sample Name				DW9N-S-10	DW9N-S-15	DW9N-S-2
Sample Date				3/5/2012	3/5/2012	3/5/2012
Sample Depth				10	15	2
AKA (name on lab data)				DW9N-S-10	DW9N-S-15	DW9N-S-2
Laboratory ID	Soil Cleanup Criteria			L0444-05	L0444-08	L0444-06
Constituent	POGW	Comm	Unrest			
Aroclor-1016	3200	1000	100	35 ND	39 ND	36 ND
Aroclor-1221	3200	1000	100	35 ND	39 ND	36 ND
Aroclor-1232	3200	1000	100	35 ND	39 ND	36 ND
Aroclor-1242	3200	1000	100	35 ND	39 ND	36 ND
Aroclor-1248	3200	1000	100	35 ND	39 ND	36 ND
Aroclor-1254	3200	1000	100	35 ND	39 ND	36 ND
Aroclor-1260	3200	1000	100	35 ND	39 ND	36 ND

Units - parts per billion (ppb)
Bold cell – exceedance of commercial and unrestricted criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives; Soil Vapor – NYSDOH Indoor Air Guideline Values; Groundwater – TOGS Ambient Water Quality Standards & Guidance Values

Sample Location		301-2E	301-2E	301-2E	301-7	301-7	301-7
Sample Name		301-2E-111	301-2E-58	301-2E-91	301-7-121	301-7-58	301-7-91
Sample Date		1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011
Sample Depth		111 - 115	58 - 62	91 - 95	121 - 125	58 - 62	91 - 95
AKA (name on lab data)		301-2E(111-115')	301-2E(58-62')	301-2E(91-95')	301-7(121-125')	301-7(58-62')	301-7(91-95')
Laboratory ID		K0039-16	K0039-09	K0039-12	K0039-13	K0039-15	K0039-10
Constituent	Criteria						
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	2.6 J	5 ND	3.4 J	4.5 J
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		301-2E	301-2E	301-2E	301-7	301-7	301-7
Sample Name		301-2E-111	301-2E-58	301-2E-91	301-7-121	301-7-58	301-7-91
Sample Date		1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011
Sample Depth		111 - 115	58 - 62	91 - 95	121 - 125	58 - 62	91 - 95
AKA (name on lab data)		301-2E(111-115')	301-2E(58-62')	301-2E(91-95')	301-7(121-125')	301-7(58-62')	301-7(91-95')
Laboratory ID		K0039-16	K0039-09	K0039-12	K0039-13	K0039-15	K0039-10
Constituent	Criteria						
Acetone	50	12	5.3	23	5 ND	10	18
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	0.81 J	1.4	2.6	1 ND	1 ND	0.88 J
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	0.59 J	2.1	0.73 J	1 ND	0.58 J	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	0.62 J	1 ND	0.51 J	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		301-2E	301-2E	301-2E	301-7	301-7	301-7
Sample Name		301-2E-111	301-2E-58	301-2E-91	301-7-121	301-7-58	301-7-91
Sample Date		1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011	1/12/2011
Sample Depth		111 - 115	58 - 62	91 - 95	121 - 125	58 - 62	91 - 95
AKA (name on lab data)		301-2E(111-115')	301-2E(58-62')	301-2E(91-95')	301-7(121-125')	301-7(58-62')	301-7(91-95')
Laboratory ID		K0039-16	K0039-09	K0039-12	K0039-13	K0039-15	K0039-10
Constituent	Criteria						
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1.3	0.77 J	1 ND	1	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	**14**	**56 J**	**22**	2.4	**18 J**	1
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	0.97 J	0.67 J	1 ND	0.81 J	1 ND	1.1
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	0.51 J	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater –
Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		161-CP2	161-CP2	161-CP2	161-1	161-1	161-1
Sample Name		161-CP2-121	161-CP2-66	161-CP2-91	161-1-116	161-1-66	161-1-66 DUP
Sample Date		1/13/2011	1/13/2011	1/13/2011	1/17/2011	1/17/2011	1/17/2011
Sample Depth		121 - 125	66 - 70	91 - 95	116 - 120	66 - 70	66 - 70
AKA (name on lab data)		161-CP2(121-125')	161-CP2(66-70')	161-CP2(91-95')	161-1(116-120')	161-1(66-70')	161-DUP(66-70')
Laboratory ID		K0053-06	K0053-04	K0053-05	K0063-02	K0063-04	K0063-05
Constituent	Criteria						Dup of 161-1-66
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	4.4 J	5 ND	5 ND	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		161-CP2	161-CP2	161-CP2	161-1	161-1	161-1
Sample Name		161-CP2-121	161-CP2-66	161-CP2-91	161-1-116	161-1-66	161-1-66 DUP
Sample Date		1/13/2011	1/13/2011	1/13/2011	1/17/2011	1/17/2011	1/17/2011
Sample Depth		121 - 125	66 - 70	91 - 95	116 - 120	66 - 70	66 - 70
AKA (name on lab data)		161-CP2(121-125')	161-CP2(66-70')	161-CP2(91-95')	161-1(116-120')	161-1(66-70')	161-DUP(66-70')
Laboratory ID		K0053-06	K0053-04	K0053-05	K0063-02	K0063-04	K0063-05
Constituent	Criteria						Dup of 161-1-66
Acetone	50	4.3 J	14	3.7 J	11	11	3.5 J
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	3	0.82 J
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1.2	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		161-CP2	161-CP2	161-CP2	161-1	161-1	161-1
Sample Name		161-CP2-121	161-CP2-66	161-CP2-91	161-1-116	161-1-66	161-1-66 DUP
Sample Date		1/13/2011	1/13/2011	1/13/2011	1/17/2011	1/17/2011	1/17/2011
Sample Depth		121 - 125	66 - 70	91 - 95	116 - 120	66 - 70	66 - 70
AKA (name on lab data)		161-CP2(121-125')	161-CP2(66-70')	161-CP2(91-95')	161-1(116-120')	161-1(66-70')	161-DUP(66-70')
Laboratory ID		K0053-06	K0053-04	K0053-05	K0063-02	K0063-04	K0063-05
Constituent	Criteria						Dup of 161-1-66
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	1.7	1.9	1.4	1 ND	1.5	2.8
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	0.78 J	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater –
Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		161-1	301-CP2	301-CP2	301-CP2
Sample Name		161-1-91	301-CP2-121	301-CP2-60	301-CP2-91
Sample Date		1/17/2011	1/18/2011	1/18/2011	1/18/2011
Sample Depth		91 - 95	121 - 125	60 - 64	91 - 95
AKA (name on lab data)		161-1(91-95')	301 CP2(121-125')	301 CP2(60-64')	301 CP2(91-95')
Laboratory ID		K0063-03	K0063-10	K0063-12	K0063-11
Constituent	Criteria				
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	**21**
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	11	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND

Sample Location		161-1	301-CP2	301-CP2	301-CP2
Sample Name		161-1-91	301-CP2-121	301-CP2-60	301-CP2-91
Sample Date		1/17/2011	1/18/2011	1/18/2011	1/18/2011
Sample Depth		91 - 95	121 - 125	60 - 64	91 - 95
AKA (name on lab data)		161-1(91-95')	301 CP2(121-125')	301 CP2(60-64')	301 CP2(91-95')
Laboratory ID		K0063-03	K0063-10	K0063-12	K0063-11
Constituent	Criteria				
Acetone	50	28	**160**	**130**	**120**
Benzene	1	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	0.84 J	1.6	4.1	2.2
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND

Sample Location		161-1	301-CP2	301-CP2	301-CP2
Sample Name		161-1-91	301-CP2-121	301-CP2-60	301-CP2-91
Sample Date		1/17/2011	1/18/2011	1/18/2011	1/18/2011
Sample Depth		91 - 95	121 - 125	60 - 64	91 - 95
AKA (name on lab data)		161-1(91-95')	301 CP2(121-125')	301 CP2(60-64')	301 CP2(91-95')
Laboratory ID		K0063-03	K0063-10	K0063-12	K0063-11
Constituent	Criteria				
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	1 ND	1 ND	1 ND	1 ND
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND
Toluene	5	0.72 J	1.1	0.79 J	0.99 J
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		161-DB-2
Sample Name		161-DB-2-66
Sample Date		3/16/2011
Sample Depth		66 - 70
AKA (name on lab data)		161-DB-2 (66-70')
Laboratory ID		K0420-03
Constituent	Criteria	
1,1,1,2-Tetrachloroethane	5	1 ND
1,1,1-Trichloroethane	5	**8**
1,1,2,2-Tetrachloroethane	5	1 ND
1,1,2-Trichloroethane	1	0.56 J
1,1-Dichloroethane	5	1 ND
1,1-Dichloroethene	5	1.4
1,1-Dichloropropene	NA	1 ND
1,2,3-Trichlorobenzene	5	1 ND
1,2,3-Trichloropropane	0.04	1 ND
1,2,4-Trichlorobenzene	5	1 ND
1,2,4-Trimethylbenzene	5	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND
1,2-Dibromoethane	0.0006	1 ND
1,2-Dichlorobenzene	3	1 ND
1,2-Dichloroethane	0.6	1 ND
1,2-Dichloropropane	1	1 ND
1,3,5-Trimethylbenzene	5	1 ND
1,3-Dichlorobenzene	3	1 ND
1,3-Dichloropropane	5	1 ND
1,4-Dichlorobenzene	3	1 ND
2,2-Dichloropropane	5	1 ND
2-Butanone	NA	5 NDJ
2-Chlorotoluene	5	1 ND
2-Hexanone	NA	5 ND
4-Chlorotoluene	5	1 ND
4-Isopropyltoluene	5	1 ND
4-Methyl-2-pentanone	NA	5 ND

Sample Location		161-DB-2
Sample Name		161-DB-2-66
Sample Date		3/16/2011
Sample Depth		66 - 70
AKA (name on lab data)		161-DB-2 (66-70')
Laboratory ID		K0420-03
Constituent	Criteria	
Acetone	50	4.9 NJ
Benzene	1	1 ND
Bromobenzene	5	1 ND
Bromochloromethane	5	1 ND
Bromodichloromethane	NA	1 ND
Bromoform	NA	1 ND
Bromomethane	5	1 ND
Carbon disulfide	60	1 ND
Carbon tetrachloride	5	1 ND
Chlorobenzene	5	1 ND
Chloroethane	5	1 ND
Chloroform	7	0.83 J
Chloromethane	5	1 NDJ
cis-1,2-Dichloroethene	5	**22**
cis-1,3-Dichloropropene	NA	1 ND
Dibromochloromethane	NA	1 ND
Dibromomethane	5	1 ND
Dichlorodifluoromethane	5	1 ND
Ethylbenzene	5	1 ND
Hexachlorobutadiene	0.5	1 ND
Iodomethane	5	1 ND
Isopropylbenzene	5	1 ND
m,p-Xylene	NA	1 ND
Methyl tert-butyl ether	10	1 ND
Methylene chloride	5	1 ND
Naphthalene	NA	1 ND
n-Butylbenzene	5	1 ND

Sample Location		161-DB-2
Sample Name		161-DB-2-66
Sample Date		3/16/2011
Sample Depth		66 - 70
AKA (name on lab data)		161-DB-2 (66-70')
Laboratory ID		K0420-03
Constituent	Criteria	
n-Propylbenzene	5	1 ND
o-Xylene	5	1 ND
Tetrachloroethene	5	**30**
sec-Butylbenzene	5	1 ND
Styrene	5	1 ND
Trichloroethene	5	**1000 D**
tert-Butylbenzene	5	1 ND
Toluene	5	1 ND
trans-1,2-Dichloroethene	5	1 ND
trans-1,3-Dichloropropene	NA	1 ND
Trichlorofluoromethane	5	1 ND
Vinyl acetate	NA	1 ND
Vinyl chloride	2	1 ND
Xylene (Total)	NA	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-161-1-ID	MW-161-1-ID	MW-161-1-S	MW-301-4
Sample Name		MW-161-1-D-1	MW-161-1-I-1	MW-161-1-S-1	MW-301-4-D-1
Sample Date		5/17/2011	5/17/2011	5/17/2011	5/18/2011
Sample Depth		114.5 - 124.5	85 - 95	60 - 70	115 - 125
AKA (name on lab data)		MW-161-01-D	MW-161-01-I	MW-161-01-S	MW-301-04-S
Laboratory ID		K0861-01	K0861-03	K0861-05	K0861-06
Constituent	Criteria				
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	3.5	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1.1	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 NDJ	1 NDJ	1 NDJ	1 NDJ
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 U	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 U	5 ND	5 ND	5 ND

Sample Location		MW-161-1-ID	MW-161-1-ID	MW-161-1-S	MW-301-4
Sample Name		MW-161-1-D-1	MW-161-1-I-1	MW-161-1-S-1	MW-301-4-D-1
Sample Date		5/17/2011	5/17/2011	5/17/2011	5/18/2011
Sample Depth		114.5 - 124.5	85 - 95	60 - 70	115 - 125
AKA (name on lab data)		MW-161-01-D	MW-161-01-I	MW-161-01-S	MW-301-04-S
Laboratory ID		K0861-01	K0861-03	K0861-05	K0861-06
Constituent	Criteria				
Acetone	50	5 NDJ	5 NDJ	5 NDJ	5 NDJ
Benzene	1	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	**10**	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-161-1-ID	MW-161-1-ID	MW-161-1-S	MW-301-4
Sample Name		MW-161-1-D-1	MW-161-1-I-1	MW-161-1-S-1	MW-301-4-D-1
Sample Date		5/17/2011	5/17/2011	5/17/2011	5/18/2011
Sample Depth		114.5 - 124.5	85 - 95	60 - 70	115 - 125
AKA (name on lab data)		MW-161-01-D	MW-161-01-I	MW-161-01-S	MW-301-04-S
Laboratory ID		K0861-01	K0861-03	K0861-05	K0861-06
Constituent	Criteria				
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	**8.5**	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	**18**	**1100 D**	**26**	1 ND
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND
Toluene	5	0.53 J	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-301-4	ALC-OLD-MW2	MW-301-3	MW-301-3	MW-301-4
Sample Name		MW-301-4-S-1	ALC-OLD-MW2-WT-1	MW-301-3-D-1	MW-301-3-I-1	MW-301-4-I-1
Sample Date		5/18/2011	5/19/2011	5/19/2011	5/19/2011	5/19/2011
Sample Depth		55 - 65	58.8	112 - 122	81 - 91	85 - 95
AKA (name on lab data)		MW-301-04-S	ALC-OLD-MW-2	MW-301-03-D	MW-301-03-I	MW-301-04-I
Laboratory ID		K0861-06	K0861-14	K0861-11	K0861-13	K0861-10
Constituent	Criteria					
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 NDJ	1 NDJ	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 NDJ	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 NDJ	1 NDJ	1 NDJ	1 NDJ
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-301-4	ALC-OLD-MW2	MW-301-3	MW-301-3	MW-301-4
Sample Name		MW-301-4-S-1	ALC-OLD-MW2-WT-1	MW-301-3-D-1	MW-301-3-I-1	MW-301-4-I-1
Sample Date		5/18/2011	5/19/2011	5/19/2011	5/19/2011	5/19/2011
Sample Depth		55 - 65	58.8	112 - 122	81 - 91	85 - 95
AKA (name on lab data)		MW-301-04-S	ALC-OLD-MW-2	MW-301-03-D	MW-301-03-I	MW-301-04-I
Laboratory ID		K0861-06	K0861-14	K0861-11	K0861-13	K0861-10
Constituent	Criteria					
Acetone	50	5 R	5 R	5 NDJ	5 NDJ	5 NDJ
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1.7	0.86 J	1 ND	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 NDJ	1 NDJ	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-301-4	ALC-OLD-MW2	MW-301-3	MW-301-3	MW-301-4
Sample Name		MW-301-4-S-1	ALC-OLD-MW2-WT-1	MW-301-3-D-1	MW-301-3-I-1	MW-301-4-I-1
Sample Date		5/18/2011	5/19/2011	5/19/2011	5/19/2011	5/19/2011
Sample Depth		55 - 65	58.8	112 - 122	81 - 91	85 - 95
AKA (name on lab data)		MW-301-04-S	ALC-OLD-MW-2	MW-301-03-D	MW-301-03-I	MW-301-04-I
Laboratory ID		K0861-06	K0861-14	K0861-11	K0861-13	K0861-10
Constituent	Criteria					
n-Propylbenzene	5	1 NDJ	1 NDJ	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	0.74 J	**5.3**	1 ND	1.7	1 ND
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 NDJ	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		ALC-OLD-MW3	MW-161-2	MW-161-2	MW-161-2	MW-301-2
Sample Name		ALC-OLD-MW3-WT-1	MW-161-2-D-1	MW-161-2-I-1	MW-161-2-S-1	MW-301-2-D-1
Sample Date		5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011
Sample Depth		59.9	115 - 125	85 - 95	60 - 70	112 - 122
AKA (name on lab data)		ALC-OLD-MW-3	MW-161-02-D	MW-161-02-I	MW-161-02-S	MW-301-02-D
Laboratory ID		K0861-22	K0861-18	K0861-19	K0861-17	K0861-20
Constituent	Criteria					
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1.4 NJ	1 ND	0.77 NJ	0.71 NJ	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 NDJ	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 NDJ	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		ALC-OLD-MW3	MW-161-2	MW-161-2	MW-161-2	MW-301-2
Sample Name		ALC-OLD-MW3-WT-1	MW-161-2-D-1	MW-161-2-I-1	MW-161-2-S-1	MW-301-2-D-1
Sample Date		5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011
Sample Depth		59.9	115 - 125	85 - 95	60 - 70	112 - 122
AKA (name on lab data)		ALC-OLD-MW-3	MW-161-02-D	MW-161-02-I	MW-161-02-S	MW-301-02-D
Laboratory ID		K0861-22	K0861-18	K0861-19	K0861-17	K0861-20
Constituent	Criteria					
Acetone	50	5 R	5 R	5 R	5 R	5 R
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	**8.2**	1 ND	4.4	0.94 J	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1.4	1 ND	0.6 J	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		ALC-OLD-MW3	MW-161-2	MW-161-2	MW-161-2	MW-301-2
Sample Name		ALC-OLD-MW3-WT-1	MW-161-2-D-1	MW-161-2-I-1	MW-161-2-S-1	MW-301-2-D-1
Sample Date		5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011
Sample Depth		59.9	115 - 125	85 - 95	60 - 70	112 - 122
AKA (name on lab data)		ALC-OLD-MW-3	MW-161-02-D	MW-161-02-I	MW-161-02-S	MW-301-02-D
Laboratory ID		K0861-22	K0861-18	K0861-19	K0861-17	K0861-20
Constituent	Criteria					
n-Propylbenzene	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	4.7	1 ND	1.5	3.1	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	**250 D**	**23**	**95**	**66**	1.4
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 NDJ	1 ND	1 NDJ	1 NDJ	1 NDJ
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-301-2	ALC-MW3	ALC-MW4	ALC-MW4	ALC-OLD-MW1
Sample Name		MW-301-2-I-1	ALC-MW3-WT-1	ALC-MW4-WT DUP	ALC-MW4-WT-1	ALC-OLD-MW1-WT
Sample Date		5/20/2011	5/23/2011	5/23/2011	5/23/2011	5/23/2011
Sample Depth		85 - 95	59.8	60	60	60.2
AKA (name on lab data)		MW-301-02-I	ALC-MW-3	ALC-MW04D	ALC-MW04	ALC-OLD-MW1
Laboratory ID		K0861-21	K0898-09	K0898-02	K0898-01	K0898-04
Constituent	Criteria		Dup of ALC-MW4-WT-1			
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	**20**	2.7 NJ	3	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	**2.8**	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	**6.4**	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	4.1	1 J	1.1	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 NDJ	1 NDJ	1 ND	1 NDJ	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 NDJ	1 NDJ	1 ND	1 NDJ	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 NDJ	1 ND	1 NDJ
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 NDJ	1 ND	1 NDJ
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-301-2	ALC-MW3	ALC-MW4	ALC-MW4	ALC-OLD-MW1
Sample Name		MW-301-2-I-1	ALC-MW3-WT-1	ALC-MW4-WT DUP	ALC-MW4-WT-1	ALC-OLD-MW1-WT
Sample Date		5/20/2011	5/23/2011	5/23/2011	5/23/2011	5/23/2011
Sample Depth		85 - 95	59.8	60	60	60.2
AKA (name on lab data)		MW-301-02-I	ALC-MW-3	ALC-MW04D	ALC-MW04	ALC-OLD-MW1
Laboratory ID		K0861-21	K0898-09	K0898-02	K0898-01	K0898-04
Constituent	Criteria		Dup of ALC-MW4-WT-1			
Acetone	50	5 R	5 R	5 R	5 R	5 R
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	0.7 J	0.52 J	0.54 J	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	**110**	**6.2**	**6.5**	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1.5	1 ND	1 ND	1 ND
Naphthalene	NA	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-301-2	ALC-MW3	ALC-MW4	ALC-MW4	ALC-OLD-MW1
Sample Name		MW-301-2-I-1	ALC-MW3-WT-1	ALC-MW4-WT DUP	ALC-MW4-WT-1	ALC-OLD-MW1-WT
Sample Date		5/20/2011	5/23/2011	5/23/2011	5/23/2011	5/23/2011
Sample Depth		85 - 95	59.8	60	60	60.2
AKA (name on lab data)		MW-301-02-I	ALC-MW-3	ALC-MW04D	ALC-MW04	ALC-OLD-MW1
Laboratory ID		K0861-21	K0898-09	K0898-02	K0898-01	K0898-04
Constituent	Criteria		Dup of ALC-MW4-WT-1			
n-Propylbenzene	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	**26**	4.4	4.5	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	**15**	**2400 D**	**250 D**	**250 D**	1 ND
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-301-1-D	MW-301-1-SI	MW-301-1-SI	MW-301-1-SI
Sample Name		MW-301-1-D-1	MW-301-1-I-1	MW-301-1-S DUP	MW-301-1-S-1
Sample Date		5/23/2011	5/23/2011	5/23/2011	5/23/2011
Sample Depth		115 - 125	85 - 95	56 - 66	56 - 66
AKA (name on lab data)		MW-301-01-D	MW-301-01-I	MW-301-01-SD	MW-301-01-S
Laboratory ID		K0898-08	K0898-07	K0898-06	K0898-05
Constituent	Criteria		Dup of MW-301-1-S-1		
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	**8.2**	**8.6**
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	**2.1**	**1.9**
1,1-Dichloroethane	5	1 ND	1 ND	2.1	2.1
1,1-Dichloroethene	5	1 ND	1 ND	1.9	2.1
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 NDJ	1 NDJ	1 NDJ	1 NDJ
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 NDJ	1 NDJ	1 NDJ	1 NDJ
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-301-1-D	MW-301-1-SI	MW-301-1-SI	MW-301-1-SI
Sample Name		MW-301-1-D-1	MW-301-1-I-1	MW-301-1-S DUP	MW-301-1-S-1
Sample Date		5/23/2011	5/23/2011	5/23/2011	5/23/2011
Sample Depth		115 - 125	85 - 95	56 - 66	56 - 66
AKA (name on lab data)		MW-301-01-D	MW-301-01-I	MW-301-01-SD	MW-301-01-S
Laboratory ID		K0898-08	K0898-07	K0898-06	K0898-05
Constituent	Criteria		Dup of MW-301-1-S-1		
Acetone	50	5 R	5 R	5 R	5 R
Benzene	1	**1.3**	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	0.53 J	0.61 J
Chloromethane	5	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1	4.1	**47**	**49**
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	0.64 J	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	0.86 J	1.1
Naphthalene	NA	1 NDJ	1 NDJ	1 NDJ	1 NDJ
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-301-1-D	MW-301-1-SI	MW-301-1-SI	MW-301-1-SI
Sample Name		MW-301-1-D-1	MW-301-1-I-1	MW-301-1-S DUP	MW-301-1-S-1
Sample Date		5/23/2011	5/23/2011	5/23/2011	5/23/2011
Sample Depth		115 - 125	85 - 95	56 - 66	56 - 66
AKA (name on lab data)		MW-301-01-D	MW-301-01-I	MW-301-01-SD	MW-301-01-S
Laboratory ID		K0898-08	K0898-07	K0898-06	K0898-05
Constituent	Criteria		Dup of MW-301-1-S-1		
n-Propylbenzene	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ
o-Xylene	5	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	0.81 J	0.68 J	**26**	**31**
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	**66**	**78**	**1900 D**	**1700 D**
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND
Toluene	5	1.2	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 NDJ	1 NDJ	1 NDJ	1 NDJ
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-161-1-ID	MW-161-1-S	MW-161-1-ID	MW-301-3	MW-301-3
Sample Name		MW-161-1-D-2	MW-161-1-S-2	MW-161-1-I-2	MW-301-3-D-2	MW-301-3-I-2
Sample Date		7/18/2011	7/18/2011	7/19/2011	7/19/2011	7/19/2011
Sample Depth		114.5 - 124.5	60 - 70	85 - 95	112 - 122	81 - 91
AKA (name on lab data)		MW-161-01-D	MW-161-01-S	MW-161-01-I	MW-301-03-D	MW-301-03-I
Laboratory ID		K1259-01	K1259-03	K1259-05	K1259-12	K1259-13
Constituent	Criteria					
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	2.4	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-DCA	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	0.63 J	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-161-1-ID	MW-161-1-S	MW-161-1-ID	MW-301-3	MW-301-3
Sample Name		MW-161-1-D-2	MW-161-1-S-2	MW-161-1-I-2	MW-301-3-D-2	MW-301-3-I-2
Sample Date		7/18/2011	7/18/2011	7/19/2011	7/19/2011	7/19/2011
Sample Depth		114.5 - 124.5	60 - 70	85 - 95	112 - 122	81 - 91
AKA (name on lab data)		MW-161-01-D	MW-161-01-S	MW-161-01-I	MW-301-03-D	MW-301-03-I
Laboratory ID		K1259-01	K1259-03	K1259-05	K1259-12	K1259-13
Constituent	Criteria					
Acetone	50	5 ND	8.8	5 ND	5 ND	5 ND
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	0.51 J	1 ND	**7.9**	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	0.81 J	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-161-1-ID	MW-161-1-S	MW-161-1-ID	MW-301-3	MW-301-3
Sample Name		MW-161-1-D-2	MW-161-1-S-2	MW-161-1-I-2	MW-301-3-D-2	MW-301-3-I-2
Sample Date		7/18/2011	7/18/2011	7/19/2011	7/19/2011	7/19/2011
Sample Depth		114.5 - 124.5	60 - 70	85 - 95	112 - 122	81 - 91
AKA (name on lab data)		MW-161-01-D	MW-161-01-S	MW-161-01-I	MW-301-03-D	MW-301-03-I
Laboratory ID		K1259-01	K1259-03	K1259-05	K1259-12	K1259-13
Constituent	Criteria					
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	**43**	4.6	**190 D**	1 ND	1.8
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-301-4	MW-301-4	MW-301-4	MW-301-4	MW-161-2
Sample Name		MW-301-4-D-2	MW-301-4-I-2	MW-301-4-S DUP	MW-301-4-S-2	MW-161-2-D-2
Sample Date		7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/20/2011
Sample Depth		115 - 125	85 - 95	55 - 65	55 - 65	115 - 125
AKA (name on lab data)		MW-301-04-D	MW-301-04-I	MW-301-54-S	MW-301-04-S	MW-161-02-D
Laboratory ID		K1259-08	K1259-09	K1259-07	K1259-06	K1259-16
Constituent	Criteria					
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-DCA	5	1 ND	1 ND	1.1	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-301-4	MW-301-4	MW-301-4	MW-301-4	MW-161-2
Sample Name		MW-301-4-D-2	MW-301-4-I-2	MW-301-4-S DUP	MW-301-4-S-2	MW-161-2-D-2
Sample Date		7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/20/2011
Sample Depth		115 - 125	85 - 95	55 - 65	55 - 65	115 - 125
AKA (name on lab data)		MW-301-04-D	MW-301-04-I	MW-301-54-S	MW-301-04-S	MW-161-02-D
Laboratory ID		K1259-08	K1259-09	K1259-07	K1259-06	K1259-16
Constituent	Criteria					
Acetone	50	5 ND	5 ND	5 ND	5 ND	5 ND
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	1 ND	**7.3**	**5.6**	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	0.98 J
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-301-4	MW-301-4	MW-301-4	MW-301-4	MW-161-2
Sample Name		MW-301-4-D-2	MW-301-4-I-2	MW-301-4-S DUP	MW-301-4-S-2	MW-161-2-D-2
Sample Date		7/19/2011	7/19/2011	7/19/2011	7/19/2011	7/20/2011
Sample Depth		115 - 125	85 - 95	55 - 65	55 - 65	115 - 125
AKA (name on lab data)		MW-301-04-D	MW-301-04-I	MW-301-54-S	MW-301-04-S	MW-161-02-D
Laboratory ID		K1259-08	K1259-09	K1259-07	K1259-06	K1259-16
Constituent	Criteria					
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	1 ND	1 ND	**11**	**6.3**	**23**
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-161-2	MW-161-2	ALC-MW4	ALC-OLD-MW1	ALC-OLD-MW2
Sample Name		MW-161-2-I-2	MW-161-2-S-2	ALC-MW4-WT-2	ALC-OLD-MW1-WT	ALC-OLD-MW2-WT-2
Sample Date		7/20/2011	7/20/2011	7/21/2011	7/21/2011	7/21/2011
Sample Depth		85 - 95	60 - 70	60	60.2	58.8
AKA (name on lab data)		MW-161-02-I	MW-161-02-S	ALC-MW04	ALC-OLD-MW-1	ALC-OLD-MW-2
Laboratory ID		K1259-15	K1259-14	K1297-06	K1297-08	K1297-01
Constituent	Criteria					
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	0.74 J	1.2	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-DCA	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-161-2	MW-161-2	ALC-MW4	ALC-OLD-MW1	ALC-OLD-MW2
Sample Name		MW-161-2-I-2	MW-161-2-S-2	ALC-MW4-WT-2	ALC-OLD-MW1-WT	ALC-OLD-MW2-WT-2
Sample Date		7/20/2011	7/20/2011	7/21/2011	7/21/2011	7/21/2011
Sample Depth		85 - 95	60 - 70	60	60.2	58.8
AKA (name on lab data)		MW-161-02-I	MW-161-02-S	ALC-MW04	ALC-OLD-MW-1	ALC-OLD-MW-2
Laboratory ID		K1259-15	K1259-14	K1297-06	K1297-08	K1297-01
Constituent	Criteria					
Acetone	50	6.5	5 ND	5 ND	5 ND	5 ND
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	3.9	0.83 J	5	1 ND	1.3
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	0.93 J	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-161-2	MW-161-2	ALC-MW4	ALC-OLD-MW1	ALC-OLD-MW2
Sample Name		MW-161-2-I-2	MW-161-2-S-2	ALC-MW4-WT-2	ALC-OLD-MW1-WT	ALC-OLD-MW2-WT-2
Sample Date		7/20/2011	7/20/2011	7/21/2011	7/21/2011	7/21/2011
Sample Depth		85 - 95	60 - 70	60	60.2	58.8
AKA (name on lab data)		MW-161-02-I	MW-161-02-S	ALC-MW04	ALC-OLD-MW-1	ALC-OLD-MW-2
Laboratory ID		K1259-15	K1259-14	K1297-06	K1297-08	K1297-01
Constituent	Criteria					
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	**26**	**36**	**67**	1.6	**8**
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		ALC-OLD-MW3	MW-301-2	MW-301-2	ALC-MW3
Sample Name		ALC-OLD-MW3-WT-2	MW-301-2-D-2	MW-301-2-I-2	ALC-MW3-WT-2
Sample Date		7/21/2011	7/21/2011	7/21/2011	7/22/2011
Sample Depth		59.9	112 - 122	85 - 95	59.8
AKA (name on lab data)		ALC-OLD-MW-3	MW-301-02-D	MW-301-02-I	ALC-MW-3
Laboratory ID		K1297-07	K1297-02	K1297-05	K1312-04
Constituent	Criteria				
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1.8	1 ND	1 ND	**19**
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	**2.7**
1,1-DCA	5	1 ND	1 ND	1 ND	**7.4**
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	3.3
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND

Sample Location		ALC-OLD-MW3	MW-301-2	MW-301-2	ALC-MW3
Sample Name		ALC-OLD-MW3-WT-2	MW-301-2-D-2	MW-301-2-I-2	ALC-MW3-WT-2
Sample Date		7/21/2011	7/21/2011	7/21/2011	7/22/2011
Sample Depth		59.9	112 - 122	85 - 95	59.8
AKA (name on lab data)		ALC-OLD-MW-3	MW-301-02-D	MW-301-02-I	ALC-MW-3
Laboratory ID		K1297-07	K1297-02	K1297-05	K1312-04
Constituent	Criteria				
Acetone	50	6.6	2.2 J	2.3 J	5 ND
Benzene	1	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND
Chloroform	7	0.55 J	1 ND	1 ND	0.76 J
Chloromethane	5	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	**11**	1 ND	1 ND	**100**
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	0.72 J
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND

Sample Location		ALC-OLD-MW3	MW-301-2	MW-301-2	ALC-MW3
Sample Name		ALC-OLD-MW3-WT-2	MW-301-2-D-2	MW-301-2-I-2	ALC-MW3-WT-2
Sample Date		7/21/2011	7/21/2011	7/21/2011	7/22/2011
Sample Depth		59.9	112 - 122	85 - 95	59.8
AKA (name on lab data)		ALC-OLD-MW-3	MW-301-02-D	MW-301-02-I	ALC-MW-3
Laboratory ID		K1297-07	K1297-02	K1297-05	K1312-04
Constituent	Criteria				
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	3.2	1 ND	1 ND	**17**
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	**260 D**	0.87 J	4.2	**2400 D**
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		ALC-MW3	MW-301-1-D	MW-301-1-SI	MW-301-1-SI
Sample Name		ALC-MW-53 DUP3	MW-301-1-D-2	MW-301-1-I-2	MW-301-1-S-2
Sample Date		7/22/2011	7/22/2011	7/22/2011	7/22/2011
Sample Depth		59.8	115 - 125	85 - 95	56 - 66
AKA (name on lab data)		ALC-MW-53	MW-301-01-D	MW-301-01-I	MW-301-01-S
Laboratory ID		K1312-05	K1312-03	K1312-02	K1312-01
Constituent	Criteria				
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	0.57 J
1,1,1-Trichloroethane	5	**20**	1 ND	1 ND	**11**
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	**2.9**	1 ND	1 ND	**2.6**
1,1-DCA	5	**7.4**	1 ND	1 ND	2.5
1,1-Dichloroethene	5	3.2	1 ND	1 ND	1.9
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND

Sample Location		ALC-MW3	MW-301-1-D	MW-301-1-SI	MW-301-1-SI
Sample Name		ALC-MW-53 DUP3	MW-301-1-D-2	MW-301-1-I-2	MW-301-1-S-2
Sample Date		7/22/2011	7/22/2011	7/22/2011	7/22/2011
Sample Depth		59.8	115 - 125	85 - 95	56 - 66
AKA (name on lab data)		ALC-MW-53	MW-301-01-D	MW-301-01-I	MW-301-01-S
Laboratory ID		K1312-05	K1312-03	K1312-02	K1312-01
Constituent	Criteria				
Acetone	50	5 ND	2.9 J	5 ND	5 ND
Benzene	1	1 ND	**1.9**	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND
Chloroform	7	0.78 J	1 ND	1 ND	0.89 J
Chloromethane	5	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	**100**	0.67 J	2.9	**68**
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1	0.65 J	1 ND
Methylene chloride	5	0.73 J	1 ND	1 ND	0.54 J
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND

Sample Location		ALC-MW3	MW-301-1-D	MW-301-1-SI	MW-301-1-SI
Sample Name		ALC-MW-53 DUP3	MW-301-1-D-2	MW-301-1-I-2	MW-301-1-S-2
Sample Date		7/22/2011	7/22/2011	7/22/2011	7/22/2011
Sample Depth		59.8	115 - 125	85 - 95	56 - 66
AKA (name on lab data)		ALC-MW-53	MW-301-01-D	MW-301-01-I	MW-301-01-S
Laboratory ID		K1312-05	K1312-03	K1312-02	K1312-01
Constituent	Criteria				
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	**19**	1 ND	0.82 J	**39**
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	**2400 D**	**17**	**45**	**2500 D**
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater –
Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		303-TP-N	303-TP-N	303-TP-N	161-TP-S	161-TP-S	161-TP-S
Sample Name		303-TP-N-120	303-TP-N-60	303-TP-N-90	161-TP-S-60	161-TP-S-85	161-TP-S-115
Sample Date		3/6/2012	3/6/2012	3/6/2012	3/8/2012	3/8/2012	3/9/2012
Sample Depth		120	60	90	60	60	115
AKA (name on lab data)		303-TP-N-120	303-TP-N-60	303-TP-N-90	161-TP-S-60	161-TP-S-85	161-TP-S-115
Laboratory ID		L0476-04	L0476-06	L0476-05	L0468-01	L0468-02	L0481-01
Constituent	Criteria				Dup of 161-TP-S-60		
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1.5	1.7	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ	2.9 J
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		303-TP-N	303-TP-N	303-TP-N	161-TP-S	161-TP-S	161-TP-S
Sample Name		303-TP-N-120	303-TP-N-60	303-TP-N-90	161-TP-S-60	161-TP-S-85	161-TP-S-115
Sample Date		3/6/2012	3/6/2012	3/6/2012	3/8/2012	3/8/2012	3/9/2012
Sample Depth		120	60	90	60	60	115
AKA (name on lab data)		303-TP-N-120	303-TP-N-60	303-TP-N-90	161-TP-S-60	161-TP-S-85	161-TP-S-115
Laboratory ID		L0476-04	L0476-06	L0476-05	L0468-01	L0468-02	L0481-01
Constituent	Criteria				Dup of 161-TP-S-60		
Acetone	50	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ	19 J
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 NDJ	1 NDJ	1 NDJ	1 ND	1 ND	1 NDJ
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1	0.83 J	1.1	0.63 J	0.78 J	1 ND
cis-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	2.7	2.8	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 ND
Iodomethane	5	1 NDJ	1 NDJ	1 NDJ	1 ND	1 ND	1 NDJ
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		303-TP-N	303-TP-N	303-TP-N	161-TP-S	161-TP-S	161-TP-S
Sample Name		303-TP-N-120	303-TP-N-60	303-TP-N-90	161-TP-S-60	161-TP-S-85	161-TP-S-115
Sample Date		3/6/2012	3/6/2012	3/6/2012	3/8/2012	3/8/2012	3/9/2012
Sample Depth		120	60	90	60	60	115
AKA (name on lab data)		303-TP-N-120	303-TP-N-60	303-TP-N-90	161-TP-S-60	161-TP-S-85	161-TP-S-115
Laboratory ID		L0476-04	L0476-06	L0476-05	L0468-01	L0468-02	L0481-01
Constituent	Criteria				Dup of 161-TP-S-60		
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1.2	1 ND	**11**	**12**	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	3.3	**21**	1.5	**180 J**	**200 J**	2
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives; Soil Vapor – NYSDOH Indoor Air Guideline Values; Groundwater –

Sample Location		303-TP-N	303-TP-N	303-TP-N	161-TP-S	161-TP-S	161-TP-S
Sample Name		303-TP-N-120	303-TP-N-60	303-TP-N-90	161-TP-S-60	161-TP-S-85	161-TP-S-115
Sample Date		3/6/2012	3/6/2012	3/6/2012	3/8/2012	3/8/2012	3/9/2012
Sample Depth		120	60	90	60	60	115
AKA (name on lab data)		303-TP-N-120	303-TP-N-60	303-TP-N-90	161-TP-S-60	161-TP-S-85	161-TP-S-115
Laboratory ID		L0476-04	L0476-06	L0476-05	L0468-01	L0468-02	L0481-01
Constituent	Criteria				Dup of 161-TP-S-60		
Part 703: Surface Water and Groundwater Quality Standards (Class GA)							

Sample Location		303-TP-E	303-TP-E	303-TP-E	303-TP-SE	303-TP-SE	303-TP-SE
Sample Name		303-TP-E-125	303-TP-E-65	303-TP-E-95	303-TP-SE-125	303-TP-SE-65	303-TP-SE-95
Sample Date		3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012
Sample Depth		125	65	95	125	65	95
AKA (name on lab data)		303-TP-E-125	303-TP-E-65	303-TP-E-95	303-TP-SE-125	303-TP-SE-65	303-TP-SE-95
Laboratory ID		L0488-01	L0488-03	L0488-02	L0488-04	L0488-06	L0488-05
Constituent	Criteria						
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	0.5 J	1.8	1 ND	1 ND	0.67 J
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	0.52 J	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 NDJ	1 NDJ	1 NDJ	1 ND	1 NDJ	1 NDJ
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 NDJ	1 NDJ	1 NDJ	1 ND	1 NDJ	1 NDJ
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 NDJ	1 NDJ	1 NDJ	1 ND	1 NDJ	1 NDJ
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		303-TP-E	303-TP-E	303-TP-E	303-TP-SE	303-TP-SE	303-TP-SE
Sample Name		303-TP-E-125	303-TP-E-65	303-TP-E-95	303-TP-SE-125	303-TP-SE-65	303-TP-SE-95
Sample Date		3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012
Sample Depth		125	65	95	125	65	95
AKA (name on lab data)		303-TP-E-125	303-TP-E-65	303-TP-E-95	303-TP-SE-125	303-TP-SE-65	303-TP-SE-95
Laboratory ID		L0488-01	L0488-03	L0488-02	L0488-04	L0488-06	L0488-05
Constituent	Criteria						
Acetone	50	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 NDJ	1 ND	1 NDJ	1 NDJ	1 NDJ	1 NDJ
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	0.77 J	**8.5**	1.4	1 ND	4.1
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 NDJ	1 NDJ	1 NDJ	1 ND	1 NDJ	1 NDJ
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 NDJ	1 NDJ	1 NDJ	1 ND	1 NDJ	1 NDJ
Iodomethane	5	1 NDJ	1 ND	1 NDJ	1 ND	1 NDJ	1 NDJ
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1.2	1.4	1 ND	0.61 J	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 NDJ	1 ND	1 ND
Naphthalene	NA	1 NDJ	1 NDJ	1 NDJ	1 ND	1 NDJ	1 NDJ
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 NDJ	1 ND	1 ND

Sample Location		303-TP-E	303-TP-E	303-TP-E	303-TP-SE	303-TP-SE	303-TP-SE
Sample Name		303-TP-E-125	303-TP-E-65	303-TP-E-95	303-TP-SE-125	303-TP-SE-65	303-TP-SE-95
Sample Date		3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012
Sample Depth		125	65	95	125	65	95
AKA (name on lab data)		303-TP-E-125	303-TP-E-65	303-TP-E-95	303-TP-SE-125	303-TP-SE-65	303-TP-SE-95
Laboratory ID		L0488-01	L0488-03	L0488-02	L0488-04	L0488-06	L0488-05
Constituent	Criteria						
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1.1	3.9	**11**	2.4	1 ND	3.6
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	**23**	**43**	**300 D**	**64**	5	**170**
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives; Soil Vapor – NYSDOH Indoor Air Guideline Values; Groundwater –

Sample Location		303-TP-E	303-TP-E	303-TP-E	303-TP-SE	303-TP-SE	303-TP-SE
Sample Name		303-TP-E-125	303-TP-E-65	303-TP-E-95	303-TP-SE-125	303-TP-SE-65	303-TP-SE-95
Sample Date		3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012
Sample Depth		125	65	95	125	65	95
AKA (name on lab data)		303-TP-E-125	303-TP-E-65	303-TP-E-95	303-TP-SE-125	303-TP-SE-65	303-TP-SE-95
Laboratory ID		L0488-01	L0488-03	L0488-02	L0488-04	L0488-06	L0488-05
Constituent	Criteria						
Part 703: Surface Water and Groundwater Quality Standards (Class GA)							

Sample Location		161-TP-E	161-TP-NE	161-TP-NE	161-TP-NE	148E-TP	148E-TP
Sample Name		161-TP-E-125	161-TP-NE-125	161-TP-NE-70	161-TP-NE-95	148E-TP-115	148E-TP-125
Sample Date		3/13/2012	3/13/2012	3/13/2012	3/13/2012	3/20/2012	3/20/2012
Sample Depth		125	125	70	95	125	125
AKA (name on lab data)		161-TP-E-125	161-TP-NE-125	161-TP-NE-70	161-TP-NE-95	148E-TP-115	148E-TP-125
Laboratory ID		L0496-04	L0496-01	L0496-03	L0496-02	L0550-02	L0550-01
Constituent	Criteria				Dup of 148E-TP-125		
1,1,1,2-Tetrachloroethane	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	5 ND	1 ND	4.4 NJ	1.6 NDJ	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	5 NDJ	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	5 NDJ	1 ND	1 ND	1 ND	1 NDJ	1 NDJ
1,2,4-Trimethylbenzene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	5 NDJ	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	25 NDJ	5 NDJ	5 NDJ	5 NDJ	5 ND	5 ND
2-Chlorotoluene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	25 ND	5 ND	5 ND	5 ND	5 NDJ	5 NDJ
4-Chlorotoluene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	25 ND	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		161-TP-E	161-TP-NE	161-TP-NE	161-TP-NE	148E-TP	148E-TP
Sample Name		161-TP-E-125	161-TP-NE-125	161-TP-NE-70	161-TP-NE-95	148E-TP-115	148E-TP-125
Sample Date		3/13/2012	3/13/2012	3/13/2012	3/13/2012	3/20/2012	3/20/2012
Sample Depth		125	125	70	95	125	125
AKA (name on lab data)		161-TP-E-125	161-TP-NE-125	161-TP-NE-70	161-TP-NE-95	148E-TP-115	148E-TP-125
Laboratory ID		L0496-04	L0496-01	L0496-03	L0496-02	L0550-02	L0550-01
Constituent	Criteria				Dup of 148E-TP-125		
Acetone	50	25 NDJ	5 NDJ	5 NDJ	5 NDJ	5 ND	5 ND
Benzene	1	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	5 ND	1 ND	**9.3 J**	**5.3 J**	1 ND	1 ND
cis-1,3-Dichloropropene	NA	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	5 NDJ	1 ND	1 ND	1 ND	1 NDJ	1 NDJ
Ethylbenzene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	5 ND	1 NDJ	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	5 NDJ	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		161-TP-E	161-TP-NE	161-TP-NE	161-TP-NE	148E-TP	148E-TP
Sample Name		161-TP-E-125	161-TP-NE-125	161-TP-NE-70	161-TP-NE-95	148E-TP-115	148E-TP-125
Sample Date		3/13/2012	3/13/2012	3/13/2012	3/13/2012	3/20/2012	3/20/2012
Sample Depth		125	125	70	95	125	125
AKA (name on lab data)		161-TP-E-125	161-TP-NE-125	161-TP-NE-70	161-TP-NE-95	148E-TP-115	148E-TP-125
Laboratory ID		L0496-04	L0496-01	L0496-03	L0496-02	L0550-02	L0550-01
Constituent	Criteria				Dup of 148E-TP-125		
n-Propylbenzene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	**8.2 J**	1 ND	**8.8 J**	**11 J**	1 ND	1 ND
sec-Butylbenzene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	**220 J**	**27 J**	**550 J**	**410 J**	1 ND	1 ND
tert-Butylbenzene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	5 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives; Soil Vapor – NYSDOH Indoor Air Guideline Values; Groundwater –

Sample Location		161-TP-E	161-TP-NE	161-TP-NE	161-TP-NE	148E-TP	148E-TP
Sample Name		161-TP-E-125	161-TP-NE-125	161-TP-NE-70	161-TP-NE-95	148E-TP-115	148E-TP-125
Sample Date		3/13/2012	3/13/2012	3/13/2012	3/13/2012	3/20/2012	3/20/2012
Sample Depth		125	125	70	95	125	125
AKA (name on lab data)		161-TP-E-125	161-TP-NE-125	161-TP-NE-70	161-TP-NE-95	148E-TP-115	148E-TP-125
Laboratory ID		L0496-04	L0496-01	L0496-03	L0496-02	L0550-02	L0550-01
Constituent	Criteria				Dup of 148E-TP-125		
Part 703: Surface Water and Groundwater Quality Standards (Class GA)							

Sample Location		148E-TP	148E-TP	148W-TP	148W-TP	148W-TP	160-TP
Sample Name		148E-TP-70	148E-TP-95	148W-TP-125	148W-TP-75	148W-TP-95	160-TP-125
Sample Date		3/20/2012	3/20/2012	3/21/2012	3/21/2012	3/21/2012	3/21/2012
Sample Depth		40	95	125	75	95	125
AKA (name on lab data)		148E-TP-70	148E-TP-95	148W-TP-125	148W-TP-75	148W-TP-95	160-TP-125
Laboratory ID		L0550-04	L0550-03	L0565-01	L0565-03	L0565-02	L0565-05
Constituent	Criteria						
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 NDJ	1 ND	1 NDJ
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 NDJ
1,2,4-Trichlorobenzene	5	1 NDJ	1 NDJ	1 ND	1 ND	1 NDJ	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 NDJ	1 NDJ	1 NDJ
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	4.9 J	5 ND	5 NDJ	5 NDJ	5 ND	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 NDJ	5 NDJ	5 ND	5 ND	5 NDJ	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		148E-TP	148E-TP	148W-TP	148W-TP	148W-TP	160-TP
Sample Name		148E-TP-70	148E-TP-95	148W-TP-125	148W-TP-75	148W-TP-95	160-TP-125
Sample Date		3/20/2012	3/20/2012	3/21/2012	3/21/2012	3/21/2012	3/21/2012
Sample Depth		40	95	125	75	95	125
AKA (name on lab data)		148E-TP-70	148E-TP-95	148W-TP-125	148W-TP-75	148W-TP-95	160-TP-125
Laboratory ID		L0550-04	L0550-03	L0565-01	L0565-03	L0565-02	L0565-05
Constituent	Criteria						
Acetone	50	23	5 ND	5 NDJ	5 NDJ	5 ND	5 NDJ
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 NDJ	1 ND	1 NDJ
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 NDJ	1 ND	1 NDJ
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 NDJ	1 ND	1 NDJ
cis-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 NDJ	1 NDJ	1 NDJ	1 ND	1 NDJ	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 NDJ	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		148E-TP	148E-TP	148W-TP	148W-TP	148W-TP	160-TP
Sample Name		148E-TP-70	148E-TP-95	148W-TP-125	148W-TP-75	148W-TP-95	160-TP-125
Sample Date		3/20/2012	3/20/2012	3/21/2012	3/21/2012	3/21/2012	3/21/2012
Sample Depth		40	95	125	75	95	125
AKA (name on lab data)		148E-TP-70	148E-TP-95	148W-TP-125	148W-TP-75	148W-TP-95	160-TP-125
Laboratory ID		L0550-04	L0550-03	L0565-01	L0565-03	L0565-02	L0565-05
Constituent	Criteria						
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	0.73 J
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	1 ND	1 ND	1 ND	0.73 J	1 ND	**6**
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 NDJ	1 ND	1 NDJ
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives; Soil Vapor – NYSDOH Indoor Air Guideline Values; Groundwater –

Sample Location		148E-TP	148E-TP	148W-TP	148W-TP	148W-TP	160-TP
Sample Name		148E-TP-70	148E-TP-95	148W-TP-125	148W-TP-75	148W-TP-95	160-TP-125
Sample Date		3/20/2012	3/20/2012	3/21/2012	3/21/2012	3/21/2012	3/21/2012
Sample Depth		40	95	125	75	95	125
AKA (name on lab data)		148E-TP-70	148E-TP-95	148W-TP-125	148W-TP-75	148W-TP-95	160-TP-125
Laboratory ID		L0550-04	L0550-03	L0565-01	L0565-03	L0565-02	L0565-05
Constituent	Criteria						
Part 703: Surface Water and Groundwater Quality Standards (Class GA)							

Sample Location		160-TP	160-TP
Sample Name		160-TP-75	160-TP-95
Sample Date		3/21/2012	3/21/2012
Sample Depth		75	95
AKA (name on lab data)		160-TP-75	160-TP-95
Laboratory ID		L0565-07	L0565-06
Constituent	Criteria		
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 NDJ
1,1,2-Trichloroethane	1	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 NDJ
1,2-Dibromoethane	0.0006	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND

Sample Location		160-TP	160-TP
Sample Name		160-TP-75	160-TP-95
Sample Date		3/21/2012	3/21/2012
Sample Depth		75	95
AKA (name on lab data)		160-TP-75	160-TP-95
Laboratory ID		L0565-07	L0565-06
Constituent	Criteria		
Acetone	50	3.4 J	5 NDJ
Benzene	1	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND
Bromoform	NA	1 ND	1 ND
Bromomethane	5	1 ND	1 NDJ
Carbon disulfide	60	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND
Chloroethane	5	1 ND	1 NDJ
Chloroform	7	1 ND	1 ND
Chloromethane	5	1 ND	1 NDJ
cis-1,2-Dichloroethene	5	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND
Dichlorodifluoromethane	5	1 NDJ	1 ND
Ethylbenzene	5	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND
Iodomethane	5	1 NDJ	1 ND
Isopropylbenzene	5	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND

Sample Location		160-TP	160-TP
Sample Name		160-TP-75	160-TP-95
Sample Date		3/21/2012	3/21/2012
Sample Depth		75	95
AKA (name on lab data)		160-TP-75	160-TP-95
Laboratory ID		L0565-07	L0565-06
Constituent	Criteria		
n-Propylbenzene	5	1 ND	1 ND
o-Xylene	5	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND
Styrene	5	1 ND	1 ND
Trichloroethene	5	2.7	3.1
tert-Butylbenzene	5	1 ND	1 ND
Toluene	5	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND
Vinyl chloride	2	1 ND	1 NDJ
Xylene (Total)	NA	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives; Soil Vapor – NYSDOH Indoor Air Guideline Values; Groundwater –

Sample Location		160-TP	160-TP
Sample Name		160-TP-75	160-TP-95
Sample Date		3/21/2012	3/21/2012
Sample Depth		75	95
AKA (name on lab data)		160-TP-75	160-TP-95
Laboratory ID		L0565-07	L0565-06
Constituent	Criteria		
Part 703: Surface Water and Groundwater Quality Standards (Class GA)			

Sample Location		MW-NEMF-1	MW-NEMF-1	MW-NEMF-1	MW-NEMF-2	MW-NEMF-2
Sample Name		MW-NEMF-1-I-1	MW-NEMF-1-S-1	MW-NEMF-1-D-1	MW-NEMF-2-D-1	MW-NEMF-2-I-1
Sample Date		6/18/2012	6/18/2012	6/19/2012	6/19/2012	6/19/2012
Sample Depth		85-95	60-70	115-125	115-125	95-105
AKA (name on lab data)		MW-NEMF-1-I	MW-NEMF-1-S	MW-NEMF-1-D	MW-NEMF-2-D	MW-NEMF-2-I
Laboratory ID		L1351-01	L1351-02	L1351-04	L1351-06	L1351-07
Constituent	Criteria					
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 NDJ	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-NEMF-1	MW-NEMF-1	MW-NEMF-1	MW-NEMF-2	MW-NEMF-2
Sample Name		MW-NEMF-1-I-1	MW-NEMF-1-S-1	MW-NEMF-1-D-1	MW-NEMF-2-D-1	MW-NEMF-2-I-1
Sample Date		6/18/2012	6/18/2012	6/19/2012	6/19/2012	6/19/2012
Sample Depth		85-95	60-70	115-125	115-125	95-105
AKA (name on lab data)		MW-NEMF-1-I	MW-NEMF-1-S	MW-NEMF-1-D	MW-NEMF-2-D	MW-NEMF-2-I
Laboratory ID		L1351-01	L1351-02	L1351-04	L1351-06	L1351-07
Constituent	Criteria					
Acetone	50	5 NDJ	2.4 J	5 NDJ	5 NDJ	5 NDJ
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	0.6 J	1 ND	1 ND	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1.6	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-NEMF-1	MW-NEMF-1	MW-NEMF-1	MW-NEMF-2	MW-NEMF-2
Sample Name		MW-NEMF-1-I-1	MW-NEMF-1-S-1	MW-NEMF-1-D-1	MW-NEMF-2-D-1	MW-NEMF-2-I-1
Sample Date		6/18/2012	6/18/2012	6/19/2012	6/19/2012	6/19/2012
Sample Depth		85-95	60-70	115-125	115-125	95-105
AKA (name on lab data)		MW-NEMF-1-I	MW-NEMF-1-S	MW-NEMF-1-D	MW-NEMF-2-D	MW-NEMF-2-I
Laboratory ID		L1351-01	L1351-02	L1351-04	L1351-06	L1351-07
Constituent	Criteria					
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	1.7	1 ND	1 ND	**5.8**	1.8
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-NEMF-2	MW-NEMF-3	MW-NEMF-3	MW-195-1	MW-195-1
Sample Name		MW-NEMF-2-S-1	MW-NEMF-3-I-1	MW-NEMF-3-S-1	MW-195-1-D-1	MW-195-1-I-1
Sample Date		6/19/2012	6/19/2012	6/19/2012	6/20/2012	6/20/2012
Sample Depth		66-76	95-105	70-80	110-120	90-100
AKA (name on lab data)		MW-NEMF-2-S	MW-NEMF-3-I	MW-NEMF-3-S	MW195-1-D	MW-19S-1-I
Laboratory ID		L1351-05	L1351-09	L1351-08	L1351-15	L1351-14
Constituent	Criteria					
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	**21**	3.1	**18**	**57**
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	0.54 J	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	2	1 ND	1.3	**8.8**
1,1-Dichloroethene	5	1 ND	**15**	0.72 J	**12**	**42**
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 NDJ	1 NDJ
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 NDJ	1 NDJ
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-NEMF-2	MW-NEMF-3	MW-NEMF-3	MW-195-1	MW-195-1
Sample Name		MW-NEMF-2-S-1	MW-NEMF-3-I-1	MW-NEMF-3-S-1	MW-195-1-D-1	MW-195-1-I-1
Sample Date		6/19/2012	6/19/2012	6/19/2012	6/20/2012	6/20/2012
Sample Depth		66-76	95-105	70-80	110-120	90-100
AKA (name on lab data)		MW-NEMF-2-S	MW-NEMF-3-I	MW-NEMF-3-S	MW195-1-D	MW-19S-1-I
Laboratory ID		L1351-05	L1351-09	L1351-08	L1351-15	L1351-14
Constituent	Criteria					
Acetone	50	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	1.4	1 ND	0.65 J	2.1
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 NDJ	1 NDJ
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-NEMF-2	MW-NEMF-3	MW-NEMF-3	MW-195-1	MW-195-1
Sample Name		MW-NEMF-2-S-1	MW-NEMF-3-I-1	MW-NEMF-3-S-1	MW-195-1-D-1	MW-195-1-I-1
Sample Date		6/19/2012	6/19/2012	6/19/2012	6/20/2012	6/20/2012
Sample Depth		66-76	95-105	70-80	110-120	90-100
AKA (name on lab data)		MW-NEMF-2-S	MW-NEMF-3-I	MW-NEMF-3-S	MW195-1-D	MW-19S-1-I
Laboratory ID		L1351-05	L1351-09	L1351-08	L1351-15	L1351-14
Constituent	Criteria					
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	2.4	1 ND	1.6	**7.9**
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	0.53 J	**16**	0.77 J	**15**	**85**
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-195-1	MW-301-1-VD	MW-301-1-VD	MW-NEMF-3
Sample Name		MW-195-1-S-1	MW-301-1-183-1	MW-301-1-183D	MW-NEMF-3-D-1
Sample Date		6/20/2012	6/20/2012	6/20/2012	6/20/2012
Sample Depth		70-80	173-183	173-183	115-125
AKA (name on lab data)		MW-195-1-S	MW-301-1-183	MW-301-1-183D	MW-NEMF-3-D
Laboratory ID		L1351-13	L1351-16	L1351-19	L1351-12
Constituent	Criteria		Duplicate of MW-301-1-183-1		
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1.7	1 ND	1 ND	1.2
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1
1,1-Dichloroethene	5	0.91 J	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 NDJ	1 NDJ	1 NDJ	1 NDJ
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-195-1	MW-301-1-VD	MW-301-1-VD	MW-NEMF-3
Sample Name		MW-195-1-S-1	MW-301-1-183-1	MW-301-1-183D	MW-NEMF-3-D-1
Sample Date		6/20/2012	6/20/2012	6/20/2012	6/20/2012
Sample Depth		70-80	173-183	173-183	115-125
AKA (name on lab data)		MW-195-1-S	MW-301-1-183	MW-301-1-183D	MW-NEMF-3-D
Laboratory ID		L1351-13	L1351-16	L1351-19	L1351-12
Constituent	Criteria		Duplicate of MW-301-1-183-1		
Acetone	50	5 NDJ	5 NDJ	5 NDJ	5 NDJ
Benzene	1	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	3.4
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	NA	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	**16**	1 ND	1 ND	1 ND
Methylene chloride	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-195-1	MW-301-1-VD	MW-301-1-VD	MW-NEMF-3
Sample Name		MW-195-1-S-1	MW-301-1-183-1	MW-301-1-183D	MW-NEMF-3-D-1
Sample Date		6/20/2012	6/20/2012	6/20/2012	6/20/2012
Sample Depth		70-80	173-183	173-183	115-125
AKA (name on lab data)		MW-195-1-S	MW-301-1-183	MW-301-1-183D	MW-NEMF-3-D
Laboratory ID		L1351-13	L1351-16	L1351-19	L1351-12
Constituent	Criteria		Duplicate of MW-301-1-183-1		
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1.5	1 ND	1 ND	1.8
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND
Trichloroethene	5	3.6	0.73 J	0.68 J	**25**
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-NEMF-1	MW-NEMF-1	MW-NEMF-1	MW-NEMF-2	MW-NEMF-2
Sample Name		MW-NEMF-1-D-2	MW-NEMF-1-I-2	MW-NEMF-1-S-2	MW-NEMF-2-D-2	MW-NEMF-2-I-2
Sample Date		8/20/2012	8/20/2012	8/20/2012	8/21/2012	8/21/2012
Sample Depth		115-125	85-95	60-70	115-125	95-105
AKA (name on lab data)		NW-NEMF-1-D	NW-NEMF-1-I	NW-NEMF-1-S	NW-NEMF-2-D	NW-NEMF-2-I
Laboratory ID		L1804-03	L1804-02	L1804-01	L1804-08	L1804-07
Constituent	Criteria					
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-TCA	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-TCA	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-DCA	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-NEMF-1	MW-NEMF-1	MW-NEMF-1	MW-NEMF-2	MW-NEMF-2
Sample Name		MW-NEMF-1-D-2	MW-NEMF-1-I-2	MW-NEMF-1-S-2	MW-NEMF-2-D-2	MW-NEMF-2-I-2
Sample Date		8/20/2012	8/20/2012	8/20/2012	8/21/2012	8/21/2012
Sample Depth		115-125	85-95	60-70	115-125	95-105
AKA (name on lab data)		NW-NEMF-1-D	NW-NEMF-1-I	NW-NEMF-1-S	NW-NEMF-2-D	NW-NEMF-2-I
Laboratory ID		L1804-03	L1804-02	L1804-01	L1804-08	L1804-07
Constituent	Criteria					
Acetone	50	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-DCE	5	1 ND	0.62 J	1 ND	2.2	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	7.7	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-NEMF-1	MW-NEMF-1	MW-NEMF-1	MW-NEMF-2	MW-NEMF-2
Sample Name		MW-NEMF-1-D-2	MW-NEMF-1-I-2	MW-NEMF-1-S-2	MW-NEMF-2-D-2	MW-NEMF-2-I-2
Sample Date		8/20/2012	8/20/2012	8/20/2012	8/21/2012	8/21/2012
Sample Depth		115-125	85-95	60-70	115-125	95-105
AKA (name on lab data)		NW-NEMF-1-D	NW-NEMF-1-I	NW-NEMF-1-S	NW-NEMF-2-D	NW-NEMF-2-I
Laboratory ID		L1804-03	L1804-02	L1804-01	L1804-08	L1804-07
Constituent	Criteria					
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND
PCE	5	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND
TCE	5	1 ND	1.7	1 ND	**47**	0.86 J
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater –
Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-NEMF-2	MW-NEMF-3	MW-NEMF-3	MW-195-1	MW-195-1
Sample Name		MW-NEMF-2-S-2	MW-NEMF-3-I-2	MW-NEMF-3-S-2	MW-195-1-D-2	MW-195-1-I-2
Sample Date		8/21/2012	8/21/2012	8/21/2012	8/22/2012	8/22/2012
Sample Depth		66-76	95-105	70-80	110-120	90-100
AKA (name on lab data)		NW-NEMF-2-S	NW-NEMF-3-I	NW-NEMF-3-S	MW-195-1-D	MW-195-1-I
Laboratory ID		L1804-06	L1804-10	L1804-09	L1804-16	L1804-15
Constituent	Criteria					
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-TCA	5	1 ND	**32**	1.4 NJ	**22**	**54**
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-TCA	1	1 ND	0.78 J	1 ND	1 ND	1 ND
1,1-DCA	5	1 ND	2.8	1 ND	1.7	**8.5**
1,1-Dichloroethene	5	1 NDJ	**25 J**	1 NDJ	**15 J**	**29 J**
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-NEMF-2	MW-NEMF-3	MW-NEMF-3	MW-195-1	MW-195-1
Sample Name		MW-NEMF-2-S-2	MW-NEMF-3-I-2	MW-NEMF-3-S-2	MW-195-1-D-2	MW-195-1-I-2
Sample Date		8/21/2012	8/21/2012	8/21/2012	8/22/2012	8/22/2012
Sample Depth		66-76	95-105	70-80	110-120	90-100
AKA (name on lab data)		NW-NEMF-2-S	NW-NEMF-3-I	NW-NEMF-3-S	MW-195-1-D	MW-195-1-I
Laboratory ID		L1804-06	L1804-10	L1804-09	L1804-16	L1804-15
Constituent	Criteria					
Acetone	50	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-DCE	5	1 ND	0.79 J	1 ND	1 ND	1.4
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-NEMF-2	MW-NEMF-3	MW-NEMF-3	MW-195-1	MW-195-1
Sample Name		MW-NEMF-2-S-2	MW-NEMF-3-I-2	MW-NEMF-3-S-2	MW-195-1-D-2	MW-195-1-I-2
Sample Date		8/21/2012	8/21/2012	8/21/2012	8/22/2012	8/22/2012
Sample Depth		66-76	95-105	70-80	110-120	90-100
AKA (name on lab data)		NW-NEMF-2-S	NW-NEMF-3-I	NW-NEMF-3-S	MW-195-1-D	MW-195-1-I
Laboratory ID		L1804-06	L1804-10	L1804-09	L1804-16	L1804-15
Constituent	Criteria					
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND
PCE	5	1 ND	1.1	1 ND	1.1	2.3
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND
TCE	5	1 ND	**11**	1 ND	**17**	**45**
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater –
Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-195-1	MW-NEMF-3	MW-161-1-ID	MW-161-1-ID	MW-161-1-S
Sample Name		MW-195-1-S-2	MW-NEMF-3-D-2	MW-161-1-D-3	MW-161-1-I-3	MW-161-1-S-3
Sample Date		8/22/2012	8/22/2012	8/23/2012	8/23/2012	8/23/2012
Sample Depth		70-80	115-125	115-125	85-95	60-70
AKA (name on lab data)		MW-195-1-S	MW-NEMF-3-D	MW-161-1-D	MW-161-1-I	MW-161-1-S
Laboratory ID		L1804-14	L1804-13	L1804-23	L1804-22	L1804-21
Constituent	Criteria					
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-TCA	5	0.74 NJ	0.85 NJ	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-TCA	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-DCA	5	1 ND	0.79 J	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-195-1	MW-NEMF-3	MW-161-1-ID	MW-161-1-ID	MW-161-1-S
Sample Name		MW-195-1-S-2	MW-NEMF-3-D-2	MW-161-1-D-3	MW-161-1-I-3	MW-161-1-S-3
Sample Date		8/22/2012	8/22/2012	8/23/2012	8/23/2012	8/23/2012
Sample Depth		70-80	115-125	115-125	85-95	60-70
AKA (name on lab data)		MW-195-1-S	MW-NEMF-3-D	MW-161-1-D	MW-161-1-I	MW-161-1-S
Laboratory ID		L1804-14	L1804-13	L1804-23	L1804-22	L1804-21
Constituent	Criteria					
Acetone	50	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-DCE	5	1 ND	2.4	0.6 J	**5.1**	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	**23**	1 ND	0.55 J	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-195-1	MW-NEMF-3	MW-161-1-ID	MW-161-1-ID	MW-161-1-S
Sample Name		MW-195-1-S-2	MW-NEMF-3-D-2	MW-161-1-D-3	MW-161-1-I-3	MW-161-1-S-3
Sample Date		8/22/2012	8/22/2012	8/23/2012	8/23/2012	8/23/2012
Sample Depth		70-80	115-125	115-125	85-95	60-70
AKA (name on lab data)		MW-195-1-S	MW-NEMF-3-D	MW-161-1-D	MW-161-1-I	MW-161-1-S
Laboratory ID		L1804-14	L1804-13	L1804-23	L1804-22	L1804-21
Constituent	Criteria					
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND
PCE	5	1 ND	1 ND	1 ND	1 ND	1.4
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND
TCE	5	0.76 J	**12**	**24**	**80**	**60**
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater –
Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-301-1-D	MW-301-1-SI	MW-301-1-SI	MW-301-1-VD	MW-301-1-VD
Sample Name		MW-301-1-D-3	MW-301-1-I-3	MW-301-1-S-3	MW-301-1-183-2	MW-301-51-183
Sample Date		8/23/2012	8/23/2012	8/23/2012	8/24/2012	8/24/2012
Sample Depth		115-125	85-95	56-66	173-183	173-183
AKA (name on lab data)		MW-301-1-D	MW-301-1-I	MW-301-1-S	MW-301-1-183	MW-301-51-183
Laboratory ID		L1804-19	L1804-18	L1804-20	L1804-24	L1804-25
Constituent	Criteria					Dup of MW-301-1-183-2
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-TCA	5	1 ND	1 ND	4.5	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-TCA	1	1 ND	1 ND	**2.2**	1 ND	1 ND
1,1-DCA	5	1 ND	1 ND	1.2	1 ND	1 ND
1,1-Dichloroethene	5	1 NDJ	1 NDJ	1 NDJ	1 NDJ	1 NDJ
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND

Sample Location		MW-301-1-D	MW-301-1-SI	MW-301-1-SI	MW-301-1-VD	MW-301-1-VD
Sample Name		MW-301-1-D-3	MW-301-1-I-3	MW-301-1-S-3	MW-301-1-183-2	MW-301-51-183
Sample Date		8/23/2012	8/23/2012	8/23/2012	8/24/2012	8/24/2012
Sample Depth		115-125	85-95	56-66	173-183	173-183
AKA (name on lab data)		MW-301-1-D	MW-301-1-I	MW-301-1-S	MW-301-1-183	MW-301-51-183
Laboratory ID		L1804-19	L1804-18	L1804-20	L1804-24	L1804-25
Constituent	Criteria					Dup of MW-301-1-183-2
Acetone	50	5 NDJ	5 NDJ	5 NDJ	5 NDJ	5 NDJ
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-DCE	5	0.82 J	1.2	**38**	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	0.66 J	0.74 J
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND

Sample Location		MW-301-1-D	MW-301-1-SI	MW-301-1-SI	MW-301-1-VD	MW-301-1-VD
Sample Name		MW-301-1-D-3	MW-301-1-I-3	MW-301-1-S-3	MW-301-1-183-2	MW-301-51-183
Sample Date		8/23/2012	8/23/2012	8/23/2012	8/24/2012	8/24/2012
Sample Depth		115-125	85-95	56-66	173-183	173-183
AKA (name on lab data)		MW-301-1-D	MW-301-1-I	MW-301-1-S	MW-301-1-183	MW-301-51-183
Laboratory ID		L1804-19	L1804-18	L1804-20	L1804-24	L1804-25
Constituent	Criteria					Dup of MW-301-1-183-2
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND
PCE	5	1 ND	1 ND	0.79 J	0.71 J	0.94 J
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND
TCE	5	**5.1**	**18**	**500 D**	0.89 J	0.65 J
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater –
Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-161-1-S	MW-301-4	MW-161-2	MW-301-1-SI	MW-301-1-SI
Sample Name		MW-161-1-S-1	MW-301-4-S-1	MW-161-2-S-1	MW-301-1-I-1	MW-301-1-S DUP
Sample Date		5/17/2011	5/18/2011	5/20/2011	5/23/2011	5/23/2011
Sample Depth		60 - 70	55 - 65	60 - 70	85 - 95	56 - 66
AKA (name on lab data)		MW-161-01-S	MW-301-04-S	MW-161-02-S	MW-301-01-I	MW-301-01-SD
Laboratory ID		K0861-05	K0861-06	K0861-17	K898-07	K0898-06
Constituent	Criteria					Dup of MW-301-1-S-
2,4,5-Trichlorophenol	NA	20 ND	20 ND	20 ND	20 ND	20 ND
2,4,6-Trichlorophenol	NA	10 ND	10 ND	10 ND	10 ND	10 ND
2,4-Dichlorophenol	1	10 ND	10 ND	10 ND	10 ND	10 ND
2,4-Dimethylphenol	1	10 ND	10 ND	10 ND	10 ND	10 ND
2,4-Dinitrophenol	1	20 NDJ	**20 R**	20 NDJ	20 NDJ	20 NDJ
2,4-Dinitrotoluene	5	10 ND	10 ND	10 ND	10 ND	10 ND
2,6-Dinitrotoluene	5	10 ND	10 ND	10 ND	10 ND	10 ND
2-Chloronaphthalene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
2-Chlorophenol	NA	10 ND	10 ND	10 ND	10 ND	10 ND
2-Methylnaphthalene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
2-Methylphenol	NA	10 ND	10 ND	10 ND	10 ND	10 ND
2-Nitroaniline	5	20 ND	20 ND	20 ND	20 ND	20 ND
2-Nitrophenol	NA	10 ND	10 ND	10 ND	10 ND	10 ND
3,3'-Dichlorobenzidine	5	10 ND	10 ND	10 ND	10 ND	10 ND
3-Nitroaniline	5	20 ND	20 ND	20 ND	20 ND	20 ND
4,6-Dinitro-2-methylphenol	NA	20 ND	20 ND	20 ND	20 ND	20 ND
4-Bromophenyl phenyl ether	NA	10 ND	10 ND	10 ND	10 ND	10 ND
4-Chloro-3-methylphenol	NA	10 ND	10 ND	10 ND	10 ND	10 ND
4-Chloroaniline	5	10 ND	10 ND	10 ND	10 ND	10 ND
4-Chlorophenyl-phenylether	NA	10 ND	10 ND	10 ND	10 ND	10 ND
4-Methylphenol	NA	10 ND	10 ND	10 ND	10 ND	10 ND
4-Nitroaniline	5	20 ND	20 ND	20 ND	20 ND	20 ND
4-Nitrophenol	NA	20 ND	20 ND	20 ND	20 ND	20 ND
Acenaphthene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Acenaphthylene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Anthracene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Benzo(a)anthracene	NA	10 ND	10 ND	10 ND	10 ND	10 ND

Sample Location		MW-161-1-S	MW-301-4	MW-161-2	MW-301-1-SI	MW-301-1-SI
Sample Name		MW-161-1-S-1	MW-301-4-S-1	MW-161-2-S-1	MW-301-1-I-1	MW-301-1-S DUP
Sample Date		5/17/2011	5/18/2011	5/20/2011	5/23/2011	5/23/2011
Sample Depth		60 - 70	55 - 65	60 - 70	85 - 95	56 - 66
AKA (name on lab data)		MW-161-01-S	MW-301-04-S	MW-161-02-S	MW-301-01-I	MW-301-01-SD
Laboratory ID		K0861-05	K0861-06	K0861-17	K898-07	K0898-06
Constituent	Criteria					Dup of MW-301-1-S-
Benzo(a)pyrene	ND	10 ND	10 ND	10 ND	10 ND	10 ND
Benzo(b)fluoranthene	NA	10 NDJ	10 NDJ	10 ND	10 ND	10 ND
Benzo(g,h,i)perylene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Benzo(k)fluoranthene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Bis(2-Chloroethoxy)methane	5	10 ND	10 ND	10 ND	10 ND	10 ND
Bis(2-Chloroethyl)ether	1	10 NDJ	10 NDJ	10 ND	10 ND	10 ND
Bis(2-Chloroisopropyl)ether	5	10 ND	10 ND	10 ND	10 ND	10 ND
Bis(2-ethylhexyl)phthalate	5	10 ND	10 ND	10 ND	10 ND	10 ND
Butylbenzylphthalate	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Carbazole	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Chrysene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Dibenzo(a,h)anthracene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Dibenzofuran	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Diethylphthalate	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Dimethyl phthalate	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Di-n-butylphthalate	50	2.4 J	10 ND	10 ND	10 ND	10 ND
Di-n-octylphthalate	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Fluoranthene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Fluorene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Hexachlorobenzene	0.04	10 ND	10 ND	10 ND	10 ND	10 ND
Hexachlorocyclopentadiene	5	10 ND	10 ND	10 ND	10 ND	10 ND
Hexachloroethane	5	10 ND	10 ND	10 ND	10 ND	10 ND
Indeno(1,2,3-cd)pyrene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Isophorone	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Nitrobenzene	0.4	10 NDJ	10 NDJ	10 ND	10 NDJ	10 NDJ
N-Nitroso-di-n-propylamine	NA	10 ND	10 ND	10 ND	10 ND	10 ND
n-Nitrosodiphenylamine	NA	10 ND	10 ND	10 ND	10 ND	10 ND

Sample Location		MW-161-1-S	MW-301-4	MW-161-2	MW-301-1-SI	MW-301-1-SI
Sample Name		MW-161-1-S-1	MW-301-4-S-1	MW-161-2-S-1	MW-301-1-I-1	MW-301-1-S DUP
Sample Date		5/17/2011	5/18/2011	5/20/2011	5/23/2011	5/23/2011
Sample Depth		60 - 70	55 - 65	60 - 70	85 - 95	56 - 66
AKA (name on lab data)		MW-161-01-S	MW-301-04-S	MW-161-02-S	MW-301-01-I	MW-301-01-SD
Laboratory ID		K0861-05	K0861-06	K0861-17	K898-07	K0898-06
Constituent	Criteria					Dup of MW-301-1-S-
Pentachlorophenol	1	20 ND	20 ND	20 ND	20 ND	20 ND
Phenanthrene	NA	10 ND	10 ND	10 ND	10 ND	10 ND
Phenol	1	10 ND	10 ND	10 ND	10 ND	10 ND
Pyrene	NA	10 ND	10 ND	10 ND	10 ND	10 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Groundwater –
Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-301-1-SI
Sample Name		MW-301-1-S-1
Sample Date		5/23/2011
Sample Depth		56 - 66
AKA (name on lab data)		MW-301-01-S
Laboratory ID		K0898-05
Constituent	Criteria 1	
2,4,5-Trichlorophenol	NA	20 ND
2,4,6-Trichlorophenol	NA	10 ND
2,4-Dichlorophenol	1	10 ND
2,4-Dimethylphenol	1	10 ND
2,4-Dinitrophenol	1	20 NDJ
2,4-Dinitrotoluene	5	10 ND
2,6-Dinitrotoluene	5	10 ND
2-Chloronaphthalene	NA	10 ND
2-Chlorophenol	NA	10 ND
2-Methylnaphthalene	NA	10 ND
2-Methylphenol	NA	10 ND
2-Nitroaniline	5	20 ND
2-Nitrophenol	NA	10 ND
3,3'-Dichlorobenzidine	5	10 ND
3-Nitroaniline	5	20 ND
4,6-Dinitro-2-methylphenol	NA	20 ND
4-Bromophenyl phenyl ether	NA	10 ND
4-Chloro-3-methylphenol	NA	10 ND
4-Chloroaniline	5	10 ND
4-Chlorophenyl-phenylether	NA	10 ND
4-Methylphenol	NA	10 ND
4-Nitroaniline	5	20 ND
4-Nitrophenol	NA	20 ND
Acenaphthene	NA	10 ND
Acenaphthylene	NA	10 ND
Anthracene	NA	10 ND
Benzo(a)anthracene	NA	10 ND

Sample Location		MW-301-1-SI
Sample Name		MW-301-1-S-1
Sample Date		5/23/2011
Sample Depth		56 - 66
AKA (name on lab data)		MW-301-01-S
Laboratory ID		K0898-05
Constituent	Criteria 1	
Benzo(a)pyrene	ND	10 ND
Benzo(b)fluoranthene	NA	10 ND
Benzo(g,h,i)perylene	NA	10 ND
Benzo(k)fluoranthene	NA	10 ND
Bis(2-Chloroethoxy)methane	5	10 ND
Bis(2-Chloroethyl)ether	1	10 ND
Bis(2-Chloroisopropyl)ether	5	10 ND
Bis(2-ethylhexyl)phthalate	5	3 J
Butylbenzylphthalate	NA	10 ND
Carbazole	NA	10 ND
Chrysene	NA	10 ND
Dibenzo(a,h)anthracene	NA	10 ND
Dibenzofuran	NA	10 ND
Diethylphthalate	NA	10 ND
Dimethyl phthalate	NA	10 ND
Di-n-butylphthalate	50	10 ND
Di-n-octylphthalate	NA	10 ND
Fluoranthene	NA	10 ND
Fluorene	NA	10 ND
Hexachlorobenzene	0.04	10 ND
Hexachlorocyclopentadiene	5	10 ND
Hexachloroethane	5	10 ND
Indeno(1,2,3-cd)pyrene	NA	10 ND
Isophorone	NA	10 ND
Nitrobenzene	0.4	10 NDJ
N-Nitroso-di-n-propylamine	NA	10 ND
n-Nitrosodiphenylamine	NA	10 ND

Sample Location		MW-301-1-SI
Sample Name		MW-301-1-S-1
Sample Date		5/23/2011
Sample Depth		56 - 66
AKA (name on lab data)		MW-301-01-S
Laboratory ID		K0898-05
Constituent	Criteria 1	
Pentachlorophenol	1	20 ND
Phenanthrene	NA	10 ND
Phenol	1	10 ND
Pyrene	NA	10 ND
Units - parts per billion (ppb) Bold/highlighted cell – exceedance of criteria Qualifiers - NA - criteria or standard not available B – also detected in associated method blank D – diluted; J – estimated value ND – not detected; R - rejected NDJ – not detected, estimated reporting limit NJ – positive identification of tentatively identified compound, estimated value P – greater than 40% difference between primary and confirmation analyses Criteria – Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)		

Sample Location		MW-161-1-S	MW-301-4	MW-161-2	MW-301-1-SI	MW-301-1-SI	MW-301-1-SI
Sample Name		MW-161-1-S-1	MW-301-4-S-1	MW-161-2-S-1	MW-301-1-I-1	MW-301-1-S DUP	MW-301-1-S-1
Sample Date		5/17/2011	5/18/2011	5/20/2011	5/23/2011	5/23/2011	5/23/2011
Sample Depth		60 - 70	55 - 65	60 - 70	85 - 95	56 - 66	56 - 66
AKA (name on lab data)		MW-161-01-S	MW-301-04-S	MW-161-02-S	MW-301-01-I	MW-301-01-SD	MW-301-01-S
Laboratory ID		K0861-05	K0861-06	K0861-17	K898-07	K0898-06	K0898-05
Constituent	Criteria				Dup of MW-301-1-S-1		
4,4´-DDD	0.3	0.1 ND	0.1 ND	0.1 ND	0.1 ND	0.1 NDJ	0.1 NDJ
4,4´-DDE	0.2	0.1 ND	0.1 ND	0.1 ND	0.1 ND	0.1 NDJ	0.1 NDJ
4,4´-DDT	0.2	0.1 ND	0.1 ND	0.1 ND	0.1 ND	0.1 NDJ	0.1 NDJ
Aldrin	ND	0.05 ND	0.05 ND	0.05 ND	0.05 ND	0.05 NDJ	0.05 NDJ
alpha-BHC	0.01	0.05 ND	0.05 ND	0.05 ND	0.05 ND	0.05 NDJ	0.05 NDJ
alpha-Chlordane	NA	0.05 ND	0.05 ND	0.05 ND	0.05 ND	0.05 NDJ	0.05 NDJ
beta-BHC	0.04	0.05 ND	0.05 ND	0.05 ND	0.05 ND	0.05 NDJ	0.05 NDJ
delta-BHC	0.04	0.05 ND	0.05 ND	0.05 ND	0.05 ND	0.05 NDJ	0.05 NDJ
Dieldrin	0.004	0.1 ND	0.1 ND	0.1 ND	0.1 ND	0.1 NDJ	0.1 NDJ
Endosulfan I	NA	0.05 ND	0.05 ND	0.05 ND	0.05 ND	0.05 NDJ	0.05 NDJ
Endosulfan II	NA	0.1 ND	0.1 ND	0.1 ND	0.1 ND	0.1 NDJ	0.1 NDJ
Endosulfan sulfate	NA	0.1 ND	0.1 ND	0.1 ND	0.1 ND	0.1 NDJ	0.1 NDJ
Endrin	ND	0.1 ND	0.1 ND	0.1 ND	0.1 ND	0.1 NDJ	0.1 NDJ
Endrin aldehyde	5	0.1 ND	0.1 ND	0.1 ND	0.1 ND	0.1 NDJ	0.1 NDJ
Endrin ketone	5	0.1 ND	0.1 ND	0.1 ND	0.1 ND	0.1 NDJ	0.1 NDJ
gamma-BHC (Lindane)	0.05	0.05 ND	0.05 ND	0.05 ND	0.05 ND	0.05 NDJ	0.05 NDJ
gamma-Chlordane	NA	0.05 ND	0.05 ND	0.05 ND	0.05 ND	0.05 NDJ	0.05 NDJ
Heptachlor	0.04	0.05 ND	0.05 ND	0.05 ND	0.05 ND	0.05 NDJ	0.05 NDJ
Heptachlor epoxide	0.03	0.05 ND	0.05 ND	0.05 ND	0.05 ND	0.05 NDJ	0.05 NDJ
Methoxychlor	35	0.5 ND	0.5 ND	0.5 ND	0.5 ND	0.5 NDJ	0.5 NDJ
Toxaphene	0.06	5 ND	5 ND	5 ND	5 ND	5 NDJ	5 NDJ

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives; Soil Vapor – NYSDOH Indoor Air Guideline Values; Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		MW-161-1-S	MW-301-4	MW-161-2	MW-301-1-SI	MW-301-1-SI	MW-301-1-SI
Sample Name		MW-161-1-S-1	MW-301-4-S-1	MW-161-2-S-1	MW-301-1-I-1	MW-301-1-S DUP	MW-301-1-S-1
Sample Date		5/17/2011	5/18/2011	5/20/2011	5/23/2011	5/23/2011	5/23/2011
Sample Depth		60 - 70	55 - 65	60 - 70	85 - 95	56 - 66	56 - 66
AKA (name on lab data)		MW-161-01-S	MW-301-04-S	MW-161-02-S	MW-301-01-I	MW-301-01-SD	MW-301-01-S
Laboratory ID		K0861-05	K0861-06	K0861-17	K898-07	K0898-06	K0898-05
Constituent	Criteria				Duplicate of MW-301-1-S-1		
Aroclor-1016	0.09	1 ND	1 ND	1 NDJ	1 ND	1 NDJ	1 NDJ
Aroclor-1221	0.09	1 ND	1 ND	1 NDJ	1 ND	1 NDJ	1 NDJ
Aroclor-1232	0.09	1 ND	1 ND	1 NDJ	1 ND	1 NDJ	1 NDJ
Aroclor-1242	0.09	1 ND	1 ND	1 NDJ	1 ND	1 NDJ	1 NDJ
Aroclor-1248	0.09	1 ND	1 ND	1 NDJ	1 ND	1 NDJ	1 NDJ
Aroclor-1254	0.09	1 ND	1 ND	1 NDJ	1 ND	1 NDJ	1 NDJ
Aroclor-1260	0.09	1 ND	1 ND	1 NDJ	1 ND	1 NDJ	1 NDJ

Units - parts per billion (ppb)
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Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria –
Soil – 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives; Soil Vapor – NYSDOH Indoor Air Guideline Values; Groundwater – Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Sample Location		161-E-2011	161-E-2011	161-W-2011	161-W-2011	161-W-2011	161-W-2011
Sample Name		161-E-AMB	161-E-SS	161-W-AMB	161-W-SS	161-W-SS-1	161-W-SS-2
Sample Date		1/13/2011	1/13/2011	1/13/2011	1/13/2011	1/13/2011	1/13/2011
Sample Depth		BZ	0 - 6"	BZ	0 - 6"	0 - 6"	0 - 6"
Sample Type		Indoor Air	Subslab Vapor	Indoor Air	Subslab Vapor	Subslab Vapor	Subslab Vapor
AKA (name on lab data)		161 E AMB	161 E SS	161 W AMB	161 W*	161 W SS 1	161 W SS 2
Laboratory ID		C1101023-001A	C1101023-002A	C1101023-003A	C1101023-004A	C1101023-008A	C1101023-009A
Constituent	Criteria						
1,1,1-TCA	NA	0.83 ND	4.9	0.83 ND	0.83 ND	0.83 ND	0.83 ND
1,1,2,2-Tetrachloroethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-TCA	NA	0.83 ND	0.83 ND	0.83 ND	0.83 ND	0.83 ND	0.83 ND
1,1-DCA	NA	0.62 ND	0.62 ND	0.62 ND	0.62 ND	0.62 ND	0.62 ND
1,1-Dichloroethene	NA	0.6 ND	0.6 ND	0.6 ND	0.6 ND	0.6 ND	0.6 ND
1,2,4-Trichlorobenzene	NA	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND
1,2,4-Trimethylbenzene	NA	16	28	0.75	0.75 J	1.8	0.75 ND
1,2-Dibromoethane	NA	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 ND
1,2-Dichlorobenzene	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND
1,2-Dichloroethane	NA	0.62 ND	0.62 ND	0.62 ND	0.62 ND	0.62 ND	0.62 ND
1,2-Dichloropropane	NA	0.7 ND	0.7 ND	0.7 ND	0.7 ND	0.7 ND	0.7 ND
1,2-Dichlorotetrafluoroethane	NA	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND
1,3,5-Trimethylbenzene	NA	9.9	8	0.75 ND	0.75 ND	0.75 J	0.75 ND
1,3-Butadiene	NA	0.34 ND	0.34 ND	0.34 ND	0.34 ND	0.34 ND	0.34 ND
1,3-Dichlorobenzene	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND
1,4-Dichlorobenzene	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND
1,4-Dioxane	NA	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND
2,2,4-Trimethylpentane	NA	49	96	0.71	0.71 J	3.1	0.71 J
2-Butanone	NA	0.9 ND	0.9 ND	0.9 ND	0.9 ND	0.9 ND	0.9 ND
2-Hexanone	NA	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 ND
4-Ethyltoluene	NA	10	7.5	0.75 ND	0.75 ND	0.75 J	0.75 ND
4-Methyl-2-pentanone	NA	1.2 ND	22	1.2 ND	1.2 ND	1.2 ND	1.2 ND
Acetone	NA	33	50	9.8	8.6	19	6.8
Allyl chloride	NA	0.48 ND	0.48 ND	0.48 ND	0.48 ND	0.48 ND	0.48 ND
Benzene	NA	13	20	1.1	1.3	2.3	1
Benzyl chloride	NA	0.88 ND	0.88 ND	0.88 ND	0.88 ND	0.88 ND	0.88 ND

Sample Location		161-E-2011	161-E-2011	161-W-2011	161-W-2011	161-W-2011	161-W-2011
Sample Name		161-E-AMB	161-E-SS	161-W-AMB	161-W-SS	161-W-SS-1	161-W-SS-2
Sample Date		1/13/2011	1/13/2011	1/13/2011	1/13/2011	1/13/2011	1/13/2011
Sample Depth		BZ	0 - 6"	BZ	0 - 6"	0 - 6"	0 - 6"
Sample Type		Indoor Air	Subslab Vapor	Indoor Air	Subslab Vapor	Subslab Vapor	Subslab Vapor
AKA (name on lab data)		161 E AMB	161 E SS	161 W AMB	161 W*	161 W SS 1	161 W SS 2
Laboratory ID		C1101023-001A	C1101023-002A	C1101023-003A	C1101023-004A	C1101023-008A	C1101023-009A
Constituent	Criteria						
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoethene	NA	0.67 ND	0.67 ND	0.67 ND	0.67 ND	0.67 ND	0.67 ND
Bromoform	NA	1.6 ND	1.6 ND	1.6 ND	1.6 ND	1.6 ND	1.6 ND
Bromomethane	NA	0.59 ND	0.59 ND	0.59 ND	0.59 ND	0.59 ND	0.59 ND
Carbon disulfide	NA	0.47 ND	0.47 ND	0.47 ND	0.47 ND	0.47 ND	0.47 ND
Carbon tetrachloride	NA	0.58	0.96 J	0.83	0.96 J	0.96 ND	0.96 J
Chlorobenzene	NA	0.7 ND	0.7 ND	0.7 ND	0.7 ND	0.7 ND	0.7 ND
Chloroethane	NA	0.4 ND	0.4 ND	0.4 ND	0.4 ND	0.4 ND	0.4 ND
Chloroform	NA	0.74 ND	0.74 ND	0.74 ND	0.74 ND	0.74 ND	0.74 ND
Chloromethane	NA	1.4	0.31 ND	1.2	1.3	0.31 ND	1.1
cis-1,2-DCE	NA	0.6 ND	0.6 ND	0.6 ND	0.6 ND	0.6 ND	0.6 ND
cis-1,3-Dichloropropene	NA	0.69 ND	0.69 ND	0.69 ND	0.69 ND	0.69 ND	0.69 ND
Cyclohexane	NA	10	17	0.52 ND	0.52 ND	0.52 ND	0.52 ND
Dibromochloromethane	NA	1.3 ND	1.3 ND	1.3 ND	1.3 ND	1.3 ND	1.3 ND
Dichlorodifluoromethane	NA	3.3	8.2	3.9	3.6	1.5	3.4
Ethyl acetate	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND
Ethylbenzene	NA	15	27	0.66 J	0.66 J	1.7	0.66 ND
Hexachlorobutadiene	NA	1.6 ND	1.6 ND	1.6 ND	1.6 ND	1.6 ND	1.6 ND
Isopropanol	NA	170	22	7.2	7.6	29	3.7
m,p-Xylene	NA	45	87	1.3 J	1.5	4.8	1.3 J
Methyl tert-butyl ether	NA	0.55 ND	0.55 ND	0.55 ND	0.55 ND	0.55 ND	0.55 ND
Methylene chloride	60*	11	15	0.53 ND	0.53 ND	0.53 J	0.53 ND
n-Heptane	NA	12	16	0.62 ND	0.67	1.5	0.62 ND
n-Hexane	NA	15	29	0.54 ND	0.54 ND	0.54 ND	0.54 J
o-Xylene	NA	19	32	0.66 J	0.66 J	1.6	0.66 ND
PCE	100*	**3200**	3000	11	1 ND	1.4	1 ND

Sample Location		161-E-2011	161-E-2011	161-W-2011	161-W-2011	161-W-2011	161-W-2011
Sample Name		161-E-AMB	161-E-SS	161-W-AMB	161-W-SS	161-W-SS-1	161-W-SS-2
Sample Date		1/13/2011	1/13/2011	1/13/2011	1/13/2011	1/13/2011	1/13/2011
Sample Depth		BZ	0 - 6"	BZ	0 - 6"	0 - 6"	0 - 6"
Sample Type		Indoor Air	Subslab Vapor	Indoor Air	Subslab Vapor	Subslab Vapor	Subslab Vapor
AKA (name on lab data)		161 E AMB	161 E SS	161 W AMB	161 W*	161 W SS 1	161 W SS 2
Laboratory ID		C1101023-001A	C1101023-002A	C1101023-003A	C1101023-004A	C1101023-008A	C1101023-009A
Constituent	Criteria						
Propylene	NA	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.26 ND
Styrene	NA	0.65 ND	0.65 ND	0.65 ND	0.65 ND	0.65 ND	0.65 ND
TCE	5*	2.6	52	0.49	0.82 ND	0.98	0.82 ND
Tetrahydrofuran	NA	0.45 ND	0.45 ND	0.45 ND	0.45 ND	0.45 ND	0.45 ND
Toluene	NA	620	590	7.7	7.6	10	3.3
trans-1,2-Dichloroethene	NA	0.6 ND	0.6 ND	0.6 ND	0.6 ND	0.6 ND	0.6 ND
trans-1,3-Dichloropropene	NA	0.69 ND	0.69 ND	0.69 ND	0.69 ND	0.69 ND	0.69 ND
Trichlorofluoromethane	NA	3.5	10	3.3	1.6	3.4	2.9
Trichlorotrifluoromethane	NA	1.2 ND	1.7	1.2 J	1.2 J	1.2 J	1.2 J
Vinyl acetate	NA	0.54 ND	0.54 ND	0.54 ND	0.54 ND	0.54 ND	0.54 ND
Vinyl chloride	NA	0.1 ND	0.39 ND	0.1 ND	0.39 ND	0.39 ND	0.39 ND
Units - parts per billion (ppb)					*MS/MSD		
Bold/highlighted cell – exceedance of criteria							
Qualifiers -							
NA - criteria or standard not available							
B – also detected in associated method blank							
D – diluted; J – estimated value							
ND – not detected; R - rejected							
NDJ – not detected, estimated reporting limit							
NJ – positive identification of tentatively identified compound, estimated value							
P – greater than 40% difference between primary and confirmation analyses							
Criteria – Soil Vapor – NYSDOH Indoor Air Guideline Values							
BZ - breathing zone; AMB - indoor air							
SS - subslab; OA - outdoor air							
*Soil vapor criteria only apply to indoor air (ambient) samples							

Sample Location		301-N-2011	301-N-2011	301-NE-2011	301-S-2011	301-S-2011
Sample Name		301-N-AMB	301-N-SS	301-NE-OA	301-S-AMB	301-S-SS
Sample Date		1/13/2011	1/13/2011	1/13/2011	1/13/2011	1/13/2011
Sample Depth		BZ	0 - 6"	BZ	BZ	0 - 6"
Sample Type		Indoor Air	Subslab Vapor	Outdoor Air	Indoor Air	Subslab Vapor
AKA (name on lab data)		301 N AMB	301 NE SS	301 NE OA	301 S AMB	301 SS
Laboratory ID		C1101023-005A	C1101023-011A	C1101023-010A	C1101023-006A	C1101023-007A
Constituent	Criteria					
1,1,1-TCA	NA	0.83 ND	0.83 ND	0.83 ND	0.83 ND	1.3
1,1,2,2-Tetrachloroethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-TCA	NA	0.83 ND	0.83 ND	0.83 ND	0.83 ND	0.83 ND
1,1-DCA	NA	0.62 ND	0.62 ND	0.62 ND	0.62 ND	0.62 ND
1,1-Dichloroethene	NA	0.6 ND	0.6 ND	0.6 ND	0.6 ND	1.8
1,2,4-Trichlorobenzene	NA	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND
1,2,4-Trimethylbenzene	NA	1.6	1.3	0.75 J	1.4	1.9
1,2-Dibromoethane	NA	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 ND
1,2-Dichlorobenzene	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND
1,2-Dichloroethane	NA	0.62 ND	0.62 ND	0.62 ND	0.62 ND	0.62 ND
1,2-Dichloropropane	NA	0.7 ND	0.7 ND	0.7 ND	0.7 ND	0.7 ND
1,2-Dichlorotetrafluoroethane	NA	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND
1,3,5-Trimethylbenzene	NA	0.75 J	0.75 ND	0.75 ND	0.75 ND	0.75 ND
1,3-Butadiene	NA	0.34 ND	0.34 ND	0.34 ND	0.34 ND	0.34 ND
1,3-Dichlorobenzene	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND
1,4-Dichlorobenzene	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND
1,4-Dioxane	NA	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND
2,2,4-Trimethylpentane	NA	1.3	0.71	0.71 ND	0.76	1.6
2-Butanone	NA	0.9 ND	0.9 ND	0.9 ND	0.9 ND	2.3
2-Hexanone	NA	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 ND
4-Ethyltoluene	NA	0.75 ND	0.75 ND	0.75 ND	0.75 ND	0.75 J
4-Methyl-2-pentanone	NA	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 J
Acetone	NA	0.72 ND	3.5	12	5.9	18
Allyl chloride	NA	0.48 ND	0.48 ND	0.48 ND	0.48 ND	0.48 ND
Benzene	NA	1.3	1.2	1	1.1	1.3
Benzyl chloride	NA	0.88 ND	0.88 ND	0.88 ND	0.88 ND	0.88 ND

Sample Location		301-N-2011	301-N-2011	301-NE-2011	301-S-2011	301-S-2011
Sample Name		301-N-AMB	301-N-SS	301-NE-OA	301-S-AMB	301-S-SS
Sample Date		1/13/2011	1/13/2011	1/13/2011	1/13/2011	1/13/2011
Sample Depth		BZ	0 - 6"	BZ	BZ	0 - 6"
Sample Type		Indoor Air	Subslab Vapor	Outdoor Air	Indoor Air	Subslab Vapor
AKA (name on lab data)		301 N AMB	301 NE SS	301 NE OA	301 S AMB	301 SS
Laboratory ID		C1101023-005A	C1101023-011A	C1101023-010A	C1101023-006A	C1101023-007A
Constituent	Criteria					
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoethene	NA	0.67 ND	0.67 ND	0.67 ND	0.67 ND	0.67 ND
Bromoform	NA	1.6 ND	1.6 ND	1.6 ND	1.6 ND	1.6 ND
Bromomethane	NA	0.59 ND	0.59 ND	0.59 ND	0.59 ND	0.59 ND
Carbon disulfide	NA	0.47 ND	0.47 ND	0.47 ND	0.47 ND	0.47 ND
Carbon tetrachloride	NA	0.77	0.96 ND	0.7	0.7	0.96 ND
Chlorobenzene	NA	0.7 ND	0.7 ND	0.7 ND	0.7 ND	0.7 ND
Chloroethane	NA	0.4 ND	0.4 ND	0.4 ND	0.4 ND	0.4 ND
Chloroform	NA	0.74 ND	0.74 ND	0.74 ND	0.74 ND	2.2
Chloromethane	NA	0.31 ND	0.31 ND	1	0.31 ND	0.31 ND
cis-1,2-DCE	NA	0.6 ND	0.6 ND	0.6 ND	0.6 ND	0.6 ND
cis-1,3-Dichloropropene	NA	0.69 ND	0.69 ND	0.69 ND	0.69 ND	0.69 ND
Cyclohexane	NA	0.52 ND	0.52 ND	0.52 ND	0.52 ND	0.7
Dibromochloromethane	NA	1.3 ND	1.3 ND	1.3 ND	1.3 ND	1.3 ND
Dichlorodifluoromethane	NA	0.85	0.75 ND	3.3	0.75 ND	8
Ethyl acetate	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND
Ethylbenzene	NA	0.79	0.75	0.66 ND	0.79	1.1
Hexachlorobutadiene	NA	1.6 ND	1.6 ND	1.6 ND	1.6 ND	1.6 ND
Isopropanol	NA	0.37 ND	0.37 ND	0.37 ND	0.37 ND	16
m,p-Xylene	NA	2.3	2	1.3 J	2.2	3.1
Methyl tert-butyl ether	NA	0.55 ND	0.55 ND	0.55 ND	0.55 ND	0.55 ND
Methylene chloride	60*	1.8	0.71	0.53 ND	0.78	2.2
n-Heptane	NA	0.83	0.67	0.62 ND	0.62 ND	0.87
n-Hexane	NA	1.1	0.54 ND	0.54 ND	0.54 ND	1.4
o-Xylene	NA	0.84	0.79	0.66 ND	0.75	1.1
PCE	100*	3.7	2	5.9	2.4	3.9

Sample Location		301-N-2011	301-N-2011	301-NE-2011	301-S-2011	301-S-2011
Sample Name		301-N-AMB	301-N-SS	301-NE-OA	301-S-AMB	301-S-SS
Sample Date		1/13/2011	1/13/2011	1/13/2011	1/13/2011	1/13/2011
Sample Depth		BZ	0 - 6"	BZ	BZ	0 - 6"
Sample Type		Indoor Air	Subslab Vapor	Outdoor Air	Indoor Air	Subslab Vapor
AKA (name on lab data)		301 N AMB	301 NE SS	301 NE OA	301 S AMB	301 SS
Laboratory ID		C1101023-005A	C1101023-011A	C1101023-010A	C1101023-006A	C1101023-007A
Constituent	Criteria					
Propylene	NA	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.26 ND
Styrene	NA	0.65 J	0.65 ND	0.65 ND	0.65 J	0.74
TCE	5*	1.9	1.4	1.7	1.9	2.9
Tetrahydrofuran	NA	0.45 ND	0.45 ND	0.45 ND	0.45 ND	0.45 ND
Toluene	NA	4.4	3.7	2.5	3.8	5.6
trans-1,2-Dichloroethene	NA	0.6 ND	0.6 ND	0.6 ND	0.6 ND	0.6 ND
trans-1,3-Dichloropropene	NA	0.69 ND	0.69 ND	0.69 ND	0.69 ND	0.69 ND
Trichlorofluoromethane	NA	28	4.5	3	4.1	27
Trichlorotrifluoromethane	NA	1.2 J	1.2 ND	1.2 J	1.2 ND	2.2
Vinyl acetate	NA	0.54 ND	0.54 ND	0.54 ND	0.54 ND	0.54 ND
Vinyl chloride	NA	0.1 ND	0.39 ND	0.1 ND	0.1 ND	0.39 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil Vapor – NYSDOH Indoor Air Guideline Values

BZ - breathing zone; AMB - indoor air
SS - subslab; OA - outdoor air
*Soil vapor criteria only apply to indoor air (ambient) samples

Sample Location		161-A-2012	161-A-2012	161-N-2012	161-N-2012	161-SE-2012	161-SE-2012
Sample Name		161-A-IA	161-A-SS	161-N-IA	161-N-SS	161-SE-IA	161-SE-SS
Sample Date		3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012
Sample Depth		BZ	0 - 6"	BZ	0 - 6"	BZ	0 - 6"
Sample Type		Indoor Air	Subslab Vapor	Indoor Air	Subslab Vapor	Indoor Air	Subslab Vapor
AKA (name on lab data)		161A-IA	161A-SS	161-N-IA	161-N-SS	161-SE-IA	161-SE-SS
Laboratory ID		C1203018-008A	C1203018-007A	C1203018-002A	C1203018-001A	C1203018-004A	C1203018-003A
Constituent	Criteria						
1,1,1-Trichloroethane	NA	0.83 ND	120	0.83 ND	560	0.83 ND	530
1,1,2,2-Tetrachloroethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	NA	0.83 ND	0.83 ND	0.83 ND	0.83 ND	0.83 ND	0.83 ND
1,1-Dichloroethane	NA	0.62 ND	0.62 ND	0.62 ND	0.62 ND	0.62 ND	0.62 ND
1,1-Dichloroethene	NA	0.6 ND	0.6 ND	0.6 ND	0.6 ND	0.6 ND	0.6 ND
1,2,4-Trichlorobenzene	NA	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND
1,2,4-Trimethylbenzene	NA	2.4	6.6	9.7	6.4	6.1	23
1,2-Dibromoethane	NA	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 ND
1,2-Dichlorobenzene	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND
1,2-Dichloroethane	NA	0.62 ND	0.62 ND	0.62 ND	0.62 ND	0.62 ND	0.62 ND
1,2-Dichloropropane	NA	0.7 ND	0.7 ND	0.7 ND	0.7 ND	0.7 ND	0.7 ND
1,2-Dichlorotetrafluoroethane	NA	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND
1,3,5-Trimethylbenzene	NA	0.85	2	2.4	2	1.6	7.1 J
1,3-Butadiene	NA	0.34 ND	0.34 ND	0.34 ND	0.34 ND	0.34 ND	0.34 ND
1,3-Dichlorobenzene	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND
1,4-Dichlorobenzene	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND
1,4-Dioxane	NA	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 ND
2,2,4-Trimethylpentane	NA	5.7	0.85	33	4.5	24	6.7
2-Butanone	NA	3.6 ND	3.9	31	6.6 NJ	0.9 ND	34
2-Hexanone	NA	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 ND
4-Ethyltoluene	NA	0.95	3.4	3.1	2.4	2	8 J
4-Methyl-2-pentanone	NA	1.2 ND	1.2	6.2	81 J	13	44000 J
Acetone	NA	33	97	91	110	45	470 J
Allyl chloride	NA	0.48 ND	0.48 ND	0.48 ND	0.48 ND	0.48 ND	0.48 ND
Benzene	NA	2.6	0.94	14	2.7	12	2.7
Benzyl chloride	NA	0.88 ND	0.88 ND	0.88 ND	0.88 ND	0.88 ND	0.88 ND

Sample Location		161-A-2012	161-A-2012	161-N-2012	161-N-2012	161-SE-2012	161-SE-2012
Sample Name		161-A-IA	161-A-SS	161-N-IA	161-N-SS	161-SE-IA	161-SE-SS
Sample Date		3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012
Sample Depth		BZ	0 - 6"	BZ	0 - 6"	BZ	0 - 6"
Sample Type		Indoor Air	Subslab Vapor	Indoor Air	Subslab Vapor	Indoor Air	Subslab Vapor
AKA (name on lab data)		161A-IA	161A-SS	161-N-IA	161-N-SS	161-SE-IA	161-SE-SS
Laboratory ID		C1203018-008A	C1203018-007A	C1203018-002A	C1203018-001A	C1203018-004A	C1203018-003A
Constituent	Criteria						
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoethene	NA	0.67 ND	0.67 ND	0.67 ND	0.67 ND	0.67 ND	0.67 ND
Bromoform	NA	1.6 NDJ	1.6 NDJ	1.6 NDJ	1.6 NDJ	1.6 NDJ	1.6 NDJ
Bromomethane	NA	0.59 ND	0.59 ND	0.59 ND	0.59 ND	0.59 ND	0.59 ND
Carbon disulfide	NA	0.47 ND	0.47 ND	0.47 ND	0.47 ND	0.47 ND	2.8
Carbon tetrachloride	NA	0.26 ND	0.96 ND	0.26 ND	0.96 ND	0.26 ND	0.96 ND
Chlorobenzene	NA	0.7 ND	0.7 ND	0.7 ND	0.7 ND	0.7 ND	0.7 ND
Chloroethane	NA	0.4 ND	0.4 ND	0.4 ND	0.4 ND	0.4 ND	0.4 ND
Chloroform	NA	0.74 ND	3.2	0.74 ND	93	0.74 ND	5.2
Chloromethane	NA	0.31 ND	0.31 ND	0.31 ND	0.31 ND	0.31 ND	0.31 ND
cis-1,2-Dichloroethene	NA	0.6 ND	0.6 ND	0.6 ND	13	0.6 ND	0.69
cis-1,3-Dichloropropene	NA	0.69 ND	0.69 ND	0.69 ND	0.69 ND	0.69 ND	0.69 ND
Cyclohexane	NA	2.3	0.52 ND	11 ND	0.52 ND	7.2	0.52 ND
Dibromochloromethane	NA	1.3 ND	1.3 ND	1.3 ND	1.3 ND	1.3 ND	1.3 ND
Dichlorodifluoromethane	NA	0.75 ND	0.75 ND	0.75 ND	0.75 ND	0.75 ND	0.75 ND
Ethyl acetate	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 ND
Ethylbenzene	NA	2.3	2.9	8.8 J	19	7.7	360 J
Hexachlorobutadiene	NA	1.6 ND	1.6 ND	1.6 ND	1.6 ND	1.6 ND	1.6 ND
Isopropanol	NA	59 J	0.37 NDJ	0.37 NDJ	0.37 NDJ	0.37 NDJ	0.37 NDJ
m,p-Xylene	NA	7.6	11	30	110	25 J	1200
Methyl tert-butyl ether	NA	0.55 ND	0.55 ND	0.55 ND	0.55 ND	0.55 ND	0.55 ND
Methylene chloride	60*	2.3	0.53 ND	31	3.3	35	0.95
n-Heptane	NA	3	0.62 ND	9.3	2.2 NJ	6.7	4.1
n-Hexane	NA	0.54 NJ	0.54 ND	23 J	0.54 ND	24 NJ	0.54 ND
o-Xylene	NA	2.7	3.9	11 J	100	9	610
Tetrachloroethene	100*	3.1	1100	34	2000	57	1300

Sample Location		161-A-2012	161-A-2012	161-N-2012	161-N-2012	161-SE-2012	161-SE-2012
Sample Name		161-A-IA	161-A-SS	161-N-IA	161-N-SS	161-SE-IA	161-SE-SS
Sample Date		3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012
Sample Depth		BZ	0 - 6"	BZ	0 - 6"	BZ	0 - 6"
Sample Type		Indoor Air	Subslab Vapor	Indoor Air	Subslab Vapor	Indoor Air	Subslab Vapor
AKA (name on lab data)		161A-IA	161A-SS	161-N-IA	161-N-SS	161-SE-IA	161-SE-SS
Laboratory ID		C1203018-008A	C1203018-007A	C1203018-002A	C1203018-001A	C1203018-004A	C1203018-003A
Constituent	Criteria						
Propylene	NA	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.26 ND
Styrene	NA	1.2	0.65 ND	0.65 ND	0.65 ND	0.65 ND	0.65 ND
Trichloroethene	5*	2	460	2.8	8600	2.9	4200
Tetrahydrofuran	NA	0.45 ND	0.45 ND	0.45 ND	0.45 ND	0.45 ND	0.45 ND
Toluene	NA	41	6	54	15	46	18
trans-1,2-Dichloroethene	NA	0.6 ND	0.6 ND	0.6 ND	0.6 ND	0.6 ND	0.6 ND
trans-1,3-Dichloropropene	NA	0.69 ND	0.69 ND	0.69 ND	0.69 ND	0.69 ND	0.69 ND
Trichlorofluoromethane	NA	1.5	3.3	2.5	6.4	2.6	54
Trichlorotrifluoroethane	NA	1.2 ND	2.7	1.2 ND	7.2	1.2 ND	9.8
Vinyl acetate	NA	0.54 ND	0.54 ND	0.54 ND	0.54 ND	0.54 ND	0.54 ND
Vinyl chloride	NA	0.1 ND	0.39 ND	0.1 ND	0.39 ND	0.1 ND	0.39 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil Vapor – NYSDOH Indoor Air Guideline Values

BZ - breathing zone; AMB - indoor air
SS - subslab; OA - outdoor air
*Soil vapor criteria only apply to indoor air (ambient) samples

Sample Location		161-W-2012	161-W-2012	301-NE-2012	301-NE-2012	301-OA-2012	301-SW-2012
Sample Name		161-W-IA	161-W-SS	301-NE-SS1	301-NE-SS2	301-OA	301-SW-SS
Sample Date		3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012
Sample Depth		BZ	0 - 6"	0 - 6"	0 - 6"	BZ	0 - 6"
Sample Type		Indoor Air	Subslab Vapor	Subslab Vapor	Subslab Vapor	Outdoor Air	Subslab Vapor
AKA (name on lab data)		161-W-IA	161-W-SS	301-NE-SS1	301-NE-SS2	301-OA	301-SW-SS
Laboratory ID		C1203018-006A	C1203018-005A	C1203018-009A	C1203018-010A	C1203018-012A	C1203018-011A
Constituent	Criteria						
1,1,1-Trichloroethane	NA	0.83 ND	100	260	230	0.83 NDJ	440
1,1,2,2-Tetrachloroethane	NA	1 ND	1 ND	1 ND	1 ND	1 NDJ	1 ND
1,1,2-Trichloroethane	NA	0.83 ND	0.83 ND	0.83 ND	0.83 ND	0.83 NDJ	22
1,1-Dichloroethane	NA	0.62 ND	0.91	0.62 ND	0.62 ND	0.62 NDJ	0.62 ND
1,1-Dichloroethene	NA	0.6 ND	0.6 ND	13	12	0.6 NDJ	8.5
1,2,4-Trichlorobenzene	NA	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 NDJ	1.1 ND
1,2,4-Trimethylbenzene	NA	15	11	1.8	1.1	1.2 J	5.5
1,2-Dibromoethane	NA	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 NDJ	1.2 ND
1,2-Dichlorobenzene	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 NDJ	0.92 ND
1,2-Dichloroethane	NA	0.62 ND	0.62 ND	0.62 ND	0.62 ND	0.62 NDJ	0.62 ND
1,2-Dichloropropane	NA	0.7 ND	0.7 ND	0.7 ND	0.7 ND	0.7 NDJ	0.7 ND
1,2-Dichlorotetrafluoroethane	NA	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 NDJ	1.1 ND
1,3,5-Trimethylbenzene	NA	4.2	5.1	0.65 J	0.75 ND	0.75 NDJ	1.6
1,3-Butadiene	NA	0.34 ND	0.34 ND	0.34 ND	0.34 ND	0.34 NDJ	0.34 ND
1,3-Dichlorobenzene	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 NDJ	0.92 ND
1,4-Dichlorobenzene	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 NDJ	0.92 ND
1,4-Dioxane	NA	1.1 ND	1.1 ND	1.1 ND	1.1 ND	1.1 NDJ	43 J
2,2,4-Trimethylpentane	NA	100	1.5	0.71 ND	0.71 ND	0.66 J	0.62 J
2-Butanone	NA	0.9 ND	2.1	0.9 ND	0.9 ND	0.9 NDJ	0.9 ND
2-Hexanone	NA	1.2 ND	1.2 ND	1.2 ND	1.2 ND	1.2 NDJ	1.2 ND
4-Ethyltoluene	NA	5.2	4.1	0.65 J	0.75 ND	0.55 J	1.6
4-Methyl-2-pentanone	NA	1.2 ND	890 J	4.9	59 J	1.2 NDJ	29 J
Acetone	NA	70	220	11	15	29 J	21
Allyl chloride	NA	0.48 ND	0.48 ND	0.48 ND	0.48 ND	0.48 NDJ	0.48 ND
Benzene	NA	28	1.2	1.1	1.3	1 J	2.5
Benzyl chloride	NA	0.88 ND	0.88 ND	0.88 ND	0.88 ND	0.88 NDJ	0.88 ND

Sample Location		161-W-2012	161-W-2012	301-NE-2012	301-NE-2012	301-OA-2012	301-SW-2012
Sample Name		161-W-IA	161-W-SS	301-NE-SS1	301-NE-SS2	301-OA	301-SW-SS
Sample Date		3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012
Sample Depth		BZ	0 - 6"	0 - 6"	0 - 6"	BZ	0 - 6"
Sample Type		Indoor Air	Subslab Vapor	Subslab Vapor	Subslab Vapor	Outdoor Air	Subslab Vapor
AKA (name on lab data)		161-W-IA	161-W-SS	301-NE-SS1	301-NE-SS2	301-OA	301-SW-SS
Laboratory ID		C1203018-006A	C1203018-005A	C1203018-009A	C1203018-010A	C1203018-012A	C1203018-011A
Constituent	Criteria						
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 NDJ	1 ND
Bromoethene	NA	0.67 ND	0.67 ND	0.67 ND	0.67 ND	0.67 NDJ	0.67 ND
Bromoform	NA	1.6 NDJ	1.6 NDJ	1.6 NDJ	1.6 NDJ	1.6 NDJ	1.6 NDJ
Bromomethane	NA	0.59 ND	0.59 ND	0.59 ND	0.59 ND	0.59 NDJ	0.59 ND
Carbon disulfide	NA	0.47 ND	0.47 ND	0.44 J	0.79	0.47 NDJ	2.8
Carbon tetrachloride	NA	0.26 ND	0.64 J	0.96 ND	0.96 ND	0.26 NDJ	0.96 ND
Chlorobenzene	NA	0.7 ND	0.7 ND	0.7 ND	0.7 ND	0.7 NDJ	0.7 ND
Chloroethane	NA	0.4 ND	0.4 ND	0.4 ND	0.4 ND	0.4 NDJ	0.4 ND
Chloroform	NA	0.74 ND	21	3.9	3.6	0.74 NDJ	640
Chloromethane	NA	0.31 ND	0.31 ND	0.31 ND	0.31 ND	0.31 NDJ	0.31 ND
cis-1,2-Dichloroethene	NA	0.6 ND	3.8	5.8	5	0.6 NDJ	29
cis-1,3-Dichloropropene	NA	0.69 ND	0.69 ND	0.69 ND	0.69 ND	0.69 NDJ	0.69 ND
Cyclohexane	NA	24 ND	0.59	0.52 ND	1.3	0.87 J	14
Dibromochloromethane	NA	1.3 ND	1.3 ND	1.3 ND	1.3 ND	1.3 NDJ	1.3 ND
Dichlorodifluoromethane	NA	0.75 ND	0.75 ND	0.75 ND	0.75 ND	0.75 NDJ	0.75 ND
Ethyl acetate	NA	0.92 ND	0.92 ND	0.92 ND	0.92 ND	0.92 NDJ	0.92 ND
Ethylbenzene	NA	17	7.1	1.1	0.93	1.1 J	3.8
Hexachlorobutadiene	NA	1.6 ND	1.6 ND	1.6 ND	1.6 ND	1.6 NDJ	1.6 ND
Isopropanol	NA	0.37 NDJ	0.37 NDJ	0.37 NDJ	0.37 NDJ	0.37 NDJ	24 J
m,p-Xylene	NA	57	35	5.5	7.2	4.3 J	36
Methyl tert-butyl ether	NA	0.55 ND	0.55 ND	0.55 ND	0.55 ND	0.55 NDJ	0.59
Methylene chloride	60*	25	1.1	0.53	0.74	2 J	2.4
n-Heptane	NA	23	0.62 ND	0.62 ND	2.9	0.83 J	0.62 ND
n-Hexane	NA	32 NJ	0.54 ND	0.54 ND	1.6	0.54 NDJ	16
o-Xylene	NA	20	33	1.7	1.2	1.6 J	4
Tetrachloroethene	100*	14	2000	2100	840	3.8 J	8300

Sample Location		161-W-2012	161-W-2012	301-NE-2012	301-NE-2012	301-OA-2012	301-SW-2012
Sample Name		161-W-IA	161-W-SS	301-NE-SS1	301-NE-SS2	301-OA	301-SW-SS
Sample Date		3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012	3/12/2012
Sample Depth		BZ	0 - 6"	0 - 6"	0 - 6"	BZ	0 - 6"
Sample Type		Indoor Air	Subslab Vapor	Subslab Vapor	Subslab Vapor	Outdoor Air	Subslab Vapor
AKA (name on lab data)		161-W-IA	161-W-SS	301-NE-SS1	301-NE-SS2	301-OA	301-SW-SS
Laboratory ID		C1203018-006A	C1203018-005A	C1203018-009A	C1203018-010A	C1203018-012A	C1203018-011A
Constituent	Criteria						
Propylene	NA	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.26 NDJ	0.26 ND
Styrene	NA	0.65 ND	0.65 ND	1.1	1.8	0.65 NDJ	10
Trichloroethene	5*	3.8	9500	9000	2800	3.8 J	23000
Tetrahydrofuran	NA	0.45 ND	0.45 ND	0.45 ND	0.45 ND	0.45 NDJ	0.45 ND
Toluene	NA	140	24	2.3	4.1	3.9 J	61
trans-1,2-Dichloroethene	NA	0.6 ND	0.6 ND	0.48 J	0.6 ND	0.6 NDJ	1.9
trans-1,3-Dichloropropene	NA	0.69 ND	0.69 ND	0.69 ND	0.69 ND	0.69 NDJ	0.69 ND
Trichlorofluoromethane	NA	1.8	2.6	13	19	1.3 J	25
Trichlorotrifluoroethane	NA	1.2 ND	2.1	10	9.5	1.2 NDJ	4.8
Vinyl acetate	NA	0.54 ND	0.54 ND	0.54 ND	0.54 ND	0.54 NDJ	0.54 ND
Vinyl chloride	NA	0.1 ND	0.39 ND	0.39 ND	0.39 ND	0.1 NDJ	0.39 ND

Units - parts per billion (ppb)
Bold/highlighted cell – exceedance of criteria
Qualifiers -
NA - criteria or standard not available
B – also detected in associated method blank
D – diluted; J – estimated value
ND – not detected; R - rejected
NDJ – not detected, estimated reporting limit
NJ – positive identification of tentatively identified compound, estimated value
P – greater than 40% difference between primary and confirmation analyses
Criteria – Soil Vapor – NYSDOH Indoor Air Guideline Values

BZ - breathing zone; AMB - indoor air
SS - subslab; OA - outdoor air
*Soil vapor criteria only apply to indoor air (ambient) samples

Location	Well	Top of Casing Elevation (ft)	Total Well Depth (ft)	Water Elevation (ft)			Notes
				May-11	Jun-12	Aug-12	
ALC-MW3	ALC-MW3	128.70	60	68.89	68.69	68.44	Well installed by others, depth approximate
ALC-MW4	ALC-MW4	129.04	60	69.01	68.81	68.21	Well installed by others, depth approximate
ALC-OLD-MW1	ALC-OLD-MW1	129.02	60	68.78	68.91	NA	Well installed by others, depth approximate
ALC-OLD-MW2	ALC-OLD-MW2	128.16	59	69.37	68.91	68.35	Well installed by others, depth approximate
ALC-OLD-MW3	ALC-OLD-MW3	128.56	60	68.61	68.5	67.96	Well installed by others, depth approximate
MW-161-1-ID	MW-161-1-D	136.13	125	68.04	NA	67.93	Used for May 2011 contour map. No access to location in June
MW-161-1-ID	MW-161-1-I	136.13	95	68.4	NA	68.27	Used for May 2011 contour map. No access to location in June
MW-161-1-S	MW-161-1-S	136.03	70	69.67	69.84	69.61	Used for May 2011, June 2012, and August 2012 contour maps
MW-161-2	MW-161-2-D	132.2	125	67.69	67.85	59.51	Used for May 2011 contour map
MW-161-2	MW-161-2-I	132.2	95	67.91	68.13	59.68	Used for May 2011 contour map
MW-161-2	MW-161-2-S	132.2	70	67.99	68.3	59.82	Used for May 2011 contour map
MW-195-1	MW-195-1-D	139.85	120	NI	67.42	75.12	Used for June 2012 contour map
MW-195-1	MW-195-1-I	139.85	100	NI	67.54	75.31	Used for June 2012 contour map
MW-195-1	MW-195-1-S	139.85	80	NI	67.7	75.27	Used for June 2012 contour map
MW-301-1-VD	MW-301-1-183	128.93	183	NI	67.98	67.62	
MW-301-1-D	MW-301-1-D	129.07	125	67.73	68.08	67.67	Used for June 2012 and August 2012 contour map
MW-301-1-SI	MW-301-1-I	128.8	95	68	68.28	67.95	Used for May 2011, June 2012 and August 2012 contour maps
MW-301-1-SI	MW-301-1-S	128.8	66	68.83	69.11	68.76	Used for May 2011, June 2012, and August 2012 contour maps
MW-301-2	MW-301-2-D	128.51	122	67.65	67.87	67.56	Used for May 2011, June 2012 and August 2012 contour maps
MW-301-2	MW-301-2-I	128.51	95	67.97	68.48	67.96	Used for May 2011, June 2012 and August 2012 contour maps
MW-301-3	MW-301-3-D	128.17	123	67.58	68.03	67.67	Used for June 2012 and August 2012 contour map
MW-301-3	MW-301-3-I	128.17	91	67.85	68.26	67.85	Used for May 2011, June 2012 and August 2012 contour maps
MW-301-4	MW-301-4-D	127.41	125	67.9	68.1	67.82	Used for May 2011, June 2012, and August 2012 contour maps
MW-301-4	MW-301-4-I	127.41	95	68.05	68.41	67.93	Used for May 2011, June 2012, and August 2012 contour maps
MW-301-4	MW-301-4-S	127.41	65	70.35	71.61	70.44	Used for May 2011, June 2012, and August 2012 contour maps
MW-NEMF-1	MW-NEMF-1-D	127.07	125	NI	66.64	66.21	Used for June 2012 and August 2012 contour map
MW-NEMF-1	MW-NEMF-1-I	127.04	95	NI	66.64	66.33	Used for June 2012 and August 2012 contour map
MW-NEMF-1	MW-NEMF-1-S	127.04	70	NI	66.79	66.31	Used for June 2012 and August 2012 contour map
MW-NEMF-2	MW-NEMF-2-D	134.16	125	NI	66.56	66.26	Used for June 2012 and August 2012 contour map
MW-NEMF-2	MW-NEMF-2-I	134.14	105	NI	66.54	66.2	Used for June 2012 and August 2012 contour map
MW-NEMF-2	MW-NEMF-2-S	134.23	76	NI	66.61	66.23	Used for June 2012 and August 2012 contour map
MW-NEMF-3	MW-NEMF-3-D	132.32	120	NI	62.02	61.88	
MW-NEMF-3	MW-NEMF-3-I	137.28	105	NI	67.03	66.85	Used for June 2012 and August 2012 contour map
MW-NEMF-3	MW-NEMF-3-S	137.23	80	NI	67.08	61.89	Used for June 2012 and August 2012 contour map

NI - not installed at that time. NA - not available for access reasons.

QA/QC Sample Name		RINSATE-1	TB-1	RINSATE-2	TB-2	RINSATE-4RE	RINSATE-3
QA/QC Sample Date		01/12/11	01/12/11	01/13/11	01/14/11	01/17/11	01/17/11
Constituent	**Criteria**	Field Blank	Trip Blank	Field Blank	Trip Blank	Field Blank	Field Blank
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Acetone	50	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

QA/QC Sample Name		RINSATE-1	TB-1	RINSATE-2	TB-2	RINSATE-4RE	RINSATE-3
QA/QC Sample Date		01/12/11	01/12/11	01/13/11	01/14/11	01/17/11	01/17/11
Constituent	**Criteria**	Field Blank	Trip Blank	Field Blank	Trip Blank	Field Blank	Field Blank
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	0.64 J	0.57 BJ
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	0.56 J	1 ND	1 ND	0.75 J	1.5
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

QA/QC Sample Name		RINSATE-1	TB-1	RINSATE-2	TB-2	RINSATE-4RE	RINSATE-3
QA/QC Sample Date		01/12/11	01/12/11	01/13/11	01/14/11	01/17/11	01/17/11
Constituent	**Criteria**	Field Blank	Trip Blank	Field Blank	Trip Blank	Field Blank	Field Blank
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Result Value - laboratory reporting limit if ND

ND - Flagged as non-detect by the laboratory

J - Estimated value

B - also detected in associated method blank

NA - criteria or standard not available

Duplicate samples are included in the normal sample tables

Units - parts per billion (ppb)

Criteria - Part 703: Surface Water and Groundwater

Quality Standards (Class GA)

QA/QC Sample Name		RINSATE-4	TB-3 TRIP BLANK	11-05-03-HCTB_5-17-11	05172011HCRB	11-05-03-HCTB_5-18-11	05182011HCRB
QA/QC Sample Date		01/17/11	01/18/11	05/17/11	05/17/11	05/18/11	05/18/11
Constituent	**Criteria**	Field Blank	Trip Blank	Trip Blank	Field Blank	Trip Blank	Field Blank
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Acetone	50	5 ND	3.5 J	5 ND	5 ND	5 ND	5 ND
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

QA/QC Sample Name		RINSATE-4	TB-3 TRIP BLANK	11-05-03-HCTB_5-17-11	05172011HCRB	11-05-03-HCTB_5-18-11	05182011HCRB
QA/QC Sample Date		01/17/11	01/18/11	05/17/11	05/17/11	05/18/11	05/18/11
Constituent	**Criteria**	Field Blank	Trip Blank	Trip Blank	Field Blank	Trip Blank	Field Blank
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	0.65 B	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	0.79 J	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	4.9	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

QA/QC Sample Name		RINSATE-4	TB-3 TRIP BLANK	11-05-03-HCTB_5-17-11	05172011HCRB	11-05-03-HCTB_5-18-11	05182011HCRB
QA/QC Sample Date		01/17/11	01/18/11	05/17/11	05/17/11	05/18/11	05/18/11
Constituent	**Criteria**	Field Blank	Trip Blank	Trip Blank	Field Blank	Trip Blank	Field Blank
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Result Value - laboratory reporting limit if ND

ND - Flagged as non-detect by the laboratory

J - Estimated value

B - also detected in associated method blank

NA - criteria or standard not available

Duplicate samples are included in the normal sample tables

Units - parts per billion (ppb)

Criteria - Part 703: Surface Water and Groundwater

Quality Standards (Class GA)

QA/QC Sample Name		11-05-03-HCTB_5-19-11	05192011HCRB	11-05-03-HCTB_5-20-11	05202011HCRB	032111-3	FB-1
QA/QC Sample Date		05/19/11	05/19/11	05/20/11	05/20/11	05/23/11	03/06/12
Constituent	**Criteria**	Trip Blank	Field Blank	Trip Blank	Field Blank	Trip Blank	Field Blank
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Acetone	50	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

QA/QC Sample Name		11-05-03-HCTB_5-19-11	05192011HCRB	11-05-03-HCTB_5-20-11	05202011HCRB	032111-3	FB-1
QA/QC Sample Date		05/19/11	05/19/11	05/20/11	05/20/11	05/23/11	03/06/12
Constituent	**Criteria**	Trip Blank	Field Blank	Trip Blank	Field Blank	Trip Blank	Field Blank
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

QA/QC Sample Name		11-05-03-HCTB_5-19-11	05192011HCRB	11-05-03-HCTB_5-20-11	05202011HCRB	032111-3	FB-1
QA/QC Sample Date		05/19/11	05/19/11	05/20/11	05/20/11	05/23/11	03/06/12
Constituent	**Criteria**	Trip Blank	Field Blank	Trip Blank	Field Blank	Trip Blank	Field Blank
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Result Value - laboratory reporting limit if ND

ND - Flagged as non-detect by the laboratory

J - Estimated value

B - also detected in associated method blank

NA - criteria or standard not available

Duplicate samples are included in the normal sample tables

Units - parts per billion (ppb)

Criteria - Part 703: Surface Water and Groundwater

Quality Standards (Class GA)

QA/QC Sample Name		TRIPBLANK1	TB-2	FB-2-03-12-12	TB-3-03-12-12	TB-4	FB-3
QA/QC Sample Date		03/08/12	03/09/12	03/12/12	03/12/12	03/13/12	03/20/12
Constituent	**Criteria**	Trip Blank	Trip Blank	Field Blank	Trip Blank	Trip Blank	Field Blank
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Acetone	50	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

QA/QC Sample Name		TRIPBLANK1	TB-2	FB-2-03-12-12	TB-3-03-12-12	TB-4	FB-3
QA/QC Sample Date		03/08/12	03/09/12	03/12/12	03/12/12	03/13/12	03/20/12
Constituent	**Criteria**	Trip Blank	Trip Blank	Field Blank	Trip Blank	Trip Blank	Field Blank
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	0.76 J	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

QA/QC Sample Name		TRIPBLANK1	TB-2	FB-2-03-12-12	TB-3-03-12-12	TB-4	FB-3
QA/QC Sample Date		03/08/12	03/09/12	03/12/12	03/12/12	03/13/12	03/20/12
Constituent	**Criteria**	Trip Blank	Trip Blank	Field Blank	Trip Blank	Trip Blank	Field Blank
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Result Value - laboratory reporting limit if ND

ND - Flagged as non-detect by the laboratory

J - Estimated value

B - also detected in associated method blank

NA - criteria or standard not available

Duplicate samples are included in the normal sample tables

Units - parts per billion (ppb)

Criteria - Part 703: Surface Water and Groundwater

Quality Standards (Class GA)

QA/QC Sample Name		TB-5	FB-4	TRIP BLANK	FB-06182012	FB-06192012	TB-06192012
QA/QC Sample Date		03/20/12	03/21/12	03/21/12	06/18/12	06/19/12	06/19/12
Constituent	**Criteria**	Trip Blank	Field Blank	Trip Blank	Field Blank	Field Blank	Trip Blank
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Acetone	50	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

QA/QC Sample Name		TB-5	FB-4	TRIP BLANK	FB-06182012	FB-06192012	TB-06192012
QA/QC Sample Date		03/20/12	03/21/12	03/21/12	06/18/12	06/19/12	06/19/12
Constituent	**Criteria**	Trip Blank	Field Blank	Trip Blank	Field Blank	Field Blank	Trip Blank
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

QA/QC Sample Name		TB-5	FB-4	TRIP BLANK	FB-06182012	FB-06192012	TB-06192012
QA/QC Sample Date		03/20/12	03/21/12	03/21/12	06/18/12	06/19/12	06/19/12
Constituent	**Criteria**	Trip Blank	Field Blank	Trip Blank	Field Blank	Field Blank	Trip Blank
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Result Value - laboratory reporting limit if ND

ND - Flagged as non-detect by the laboratory

J - Estimated value

B - also detected in associated method blank

NA - criteria or standard not available

Duplicate samples are included in the normal sample tables

Units - parts per billion (ppb)

Criteria - Part 703: Surface Water and Groundwater

Quality Standards (Class GA)

QA/QC Sample Name		FB-06202012	TB-06202012	FB-0820212	TB-0820212	FB-08212012	TB-08212012
QA/QC Sample Date		06/20/12	06/20/12	08/20/12	08/20/12	08/21/12	08/21/12
Constituent	**Criteria**	Field Blank	Trip Blank	Field Blank	Trip Blank	Field Blank	Trip Blank
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Acetone	50	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Benzene	1	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

QA/QC Sample Name		FB-06202012	TB-06202012	FB-0820212	TB-0820212	FB-08212012	TB-08212012
QA/QC Sample Date		06/20/12	06/20/12	08/20/12	08/20/12	08/21/12	08/21/12
Constituent	**Criteria**	Field Blank	Trip Blank	Field Blank	Trip Blank	Field Blank	Trip Blank
Bromobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromoform	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Bromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloroform	7	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Chloromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Iodomethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
m,p-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
n-Propylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
o-Xylene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Styrene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

QA/QC Sample Name		FB-06202012	TB-06202012	FB-0820212	TB-0820212	FB-08212012	TB-08212012
QA/QC Sample Date		06/20/12	06/20/12	08/20/12	08/20/12	08/21/12	08/21/12
Constituent	**Criteria**	Field Blank	Trip Blank	Field Blank	Trip Blank	Field Blank	Trip Blank
tert-Butylbenzene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Toluene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichloroethene	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND

Result Value - laboratory reporting limit if ND

ND - Flagged as non-detect by the laboratory

J - Estimated value

B - also detected in associated method blank

NA - criteria or standard not available

Duplicate samples are included in the normal sample tables

Units - parts per billion (ppb)

Criteria - Part 703: Surface Water and Groundwater

Quality Standards (Class GA)

QA/QC Sample Name		TB-08222012	TB-08242012
QA/QC Sample Date		08/22/12	08/24/12
Constituent	**Criteria**	Trip Blank	Trip Blank
1,1,1,2-Tetrachloroethane	5	1 ND	1 ND
1,1,1-Trichloroethane	5	1 ND	1 ND
1,1,2,2-Tetrachloroethane	5	1 ND	1 ND
1,1,2-Trichloroethane	1	1 ND	1 ND
1,1-Dichloroethane	5	1 ND	1 ND
1,1-Dichloroethene	5	1 ND	1 ND
1,1-Dichloropropene	NA	1 ND	1 ND
1,2,3-Trichlorobenzene	5	1 ND	1 ND
1,2,3-Trichloropropane	0.04	1 ND	1 ND
1,2,4-Trichlorobenzene	5	1 ND	1 ND
1,2,4-Trimethylbenzene	5	1 ND	1 ND
1,2-Dibromo-3-chloropropane	0.04	1 ND	1 ND
1,2-Dibromoethane	0.0006	1 ND	1 ND
1,2-Dichlorobenzene	3	1 ND	1 ND
1,2-Dichloroethane	0.6	1 ND	1 ND
1,2-Dichloropropane	1	1 ND	1 ND
1,3,5-Trimethylbenzene	5	1 ND	1 ND
1,3-Dichlorobenzene	3	1 ND	1 ND
1,3-Dichloropropane	5	1 ND	1 ND
1,4-Dichlorobenzene	3	1 ND	1 ND
2,2-Dichloropropane	5	1 ND	1 ND
2-Butanone	NA	5 ND	5 ND
2-Chlorotoluene	5	1 ND	1 ND
2-Hexanone	NA	5 ND	5 ND
4-Chlorotoluene	5	1 ND	1 ND
4-Isopropyltoluene	5	1 ND	1 ND
4-Methyl-2-pentanone	NA	5 ND	5 ND
Acetone	50	5 ND	5 ND
Benzene	1	1 ND	1 ND

QA/QC Sample Name		TB-08222012	TB-08242012
QA/QC Sample Date		08/22/12	08/24/12
Constituent	**Criteria**	Trip Blank	Trip Blank
Bromobenzene	5	1 ND	1 ND
Bromochloromethane	5	1 ND	1 ND
Bromodichloromethane	NA	1 ND	1 ND
Bromoform	NA	1 ND	1 ND
Bromomethane	5	1 ND	1 ND
Carbon disulfide	60	1 ND	1 ND
Carbon tetrachloride	5	1 ND	1 ND
Chlorobenzene	5	1 ND	1 ND
Chloroethane	5	1 ND	1 ND
Chloroform	7	1 ND	1 ND
Chloromethane	5	1 ND	1 ND
cis-1,2-Dichloroethene	5	1 ND	1 ND
cis-1,3-Dichloropropene	NA	1 ND	1 ND
Dibromochloromethane	NA	1 ND	1 ND
Dibromomethane	5	1 ND	1 ND
Dichlorodifluoromethane	5	1 ND	1 ND
Ethylbenzene	5	1 ND	1 ND
Hexachlorobutadiene	0.5	1 ND	1 ND
Iodomethane	5	1 ND	1 ND
Isopropylbenzene	5	1 ND	1 ND
m,p-Xylene	5	1 ND	1 ND
Methyl tert-butyl ether	10	1 ND	1 ND
Methylene chloride	5	1 ND	1 ND
Naphthalene	NA	1 ND	1 ND
n-Butylbenzene	5	1 ND	1 ND
n-Propylbenzene	5	1 ND	1 ND
o-Xylene	5	1 ND	1 ND
sec-Butylbenzene	5	1 ND	1 ND
Styrene	5	1 ND	1 ND

QA/QC Sample Name		TB-08222012	TB-08242012
QA/QC Sample Date		08/22/12	08/24/12
Constituent	**Criteria**	Trip Blank	Trip Blank
tert-Butylbenzene	5	1 ND	1 ND
Tetrachloroethene	5	1 ND	1 ND
Toluene	5	1 ND	1 ND
trans-1,2-Dichloroethene	5	1 ND	1 ND
trans-1,3-Dichloropropene	NA	1 ND	1 ND
Trichloroethene	NA	1 ND	1 ND
Trichlorofluoromethane	5	1 ND	1 ND
Vinyl acetate	NA	1 ND	1 ND
Vinyl chloride	2	1 ND	1 ND
Xylene (Total)	NA	1 ND	1 ND

Result Value - laboratory reporting limit if ND

ND - Flagged as non-detect by the laboratory

J - Estimated value

B - also detected in associated method blank

NA - criteria or standard not available

Duplicate samples are included in the normal sample tables

Units - parts per billion (ppb)

Criteria - Part 703: Surface Water and Groundwater

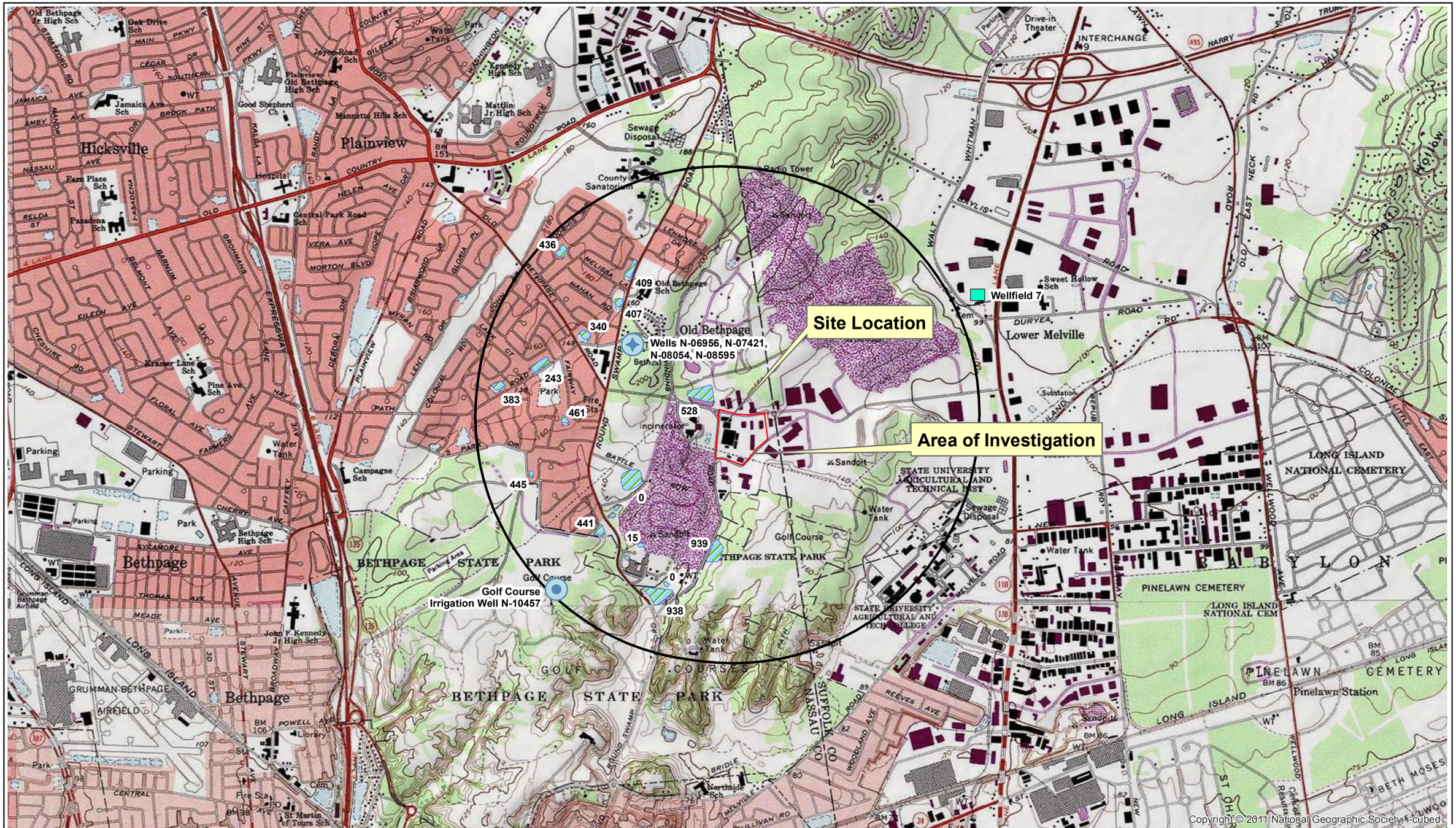
Quality Standards (Class GA)

Location	Compound	Sub-slab Vapor Concentration	Indoor Air Concentration	Outdoor Air Concentration	Action Recommended	Final Action Recommended
301-N-2011	Carbon Tetrachloride	0.096 ND	0.77	0.7	A	Monitor (Re-sample) in 2012, see Table 34
	Tetrachloroethene	2	3.7	5.9	A	
	Trichloroethene	1.4	1.9	1.7	A	
	1,1,1-Trichloroethene	0.83 ND	0.83 ND	0.83 ND	B	
301-S-2011	Carbon Tetrachloride	0.96 ND	0.7	0.7	A	Monitor (Re-sample) in 2012, see Table 34
	Tetrachloroethene	3.9	2.4	5.9	B	
	Trichloroethene	2.9	1.9	1.7	A	
	1,1,1-Trichloroethene	1.3	0.83 ND	0.83 ND	B	
161-E-2011	Carbon Tetrachloride	0.96 J	0.58	0.7	A	Monitor (Re-sample) in 2012, see Table 34
	Tetrachloroethene	3000	3200	5.9	E	
	Trichloroethene	52	2.6	1.7	E	
	1,1,1-Trichloroethene	4.9	0.83 ND	0.83 ND	B	
161-W-2011	Carbon Tetrachloride	0.96 ND	0.83	0.7	A	Monitor (Re-sample) in 2012, see Table 34
	Tetrachloroethene	1.4	11	5.9	A	
	Trichloroethene	0.98	0.49	1.7	A	
	1,1,1-Trichloroethene	0.83 ND	0.83 ND	0.83 ND	B	

A. Take reasonable and practical actions to identify source(s) and reduce exposure.
B. No Further Action
C. Monitor
D. Monitor/Mitigate
E. Mitigate

Location	Compound	Sub-slab Air Concentration	Indoor Air Concentration	Outdoor Air Concentration	Action Recommended	Final Action Recommended
161-A-2012	Carbon Tetrachloride	0.96 ND	0.26 ND	0.26 NDJ	B	Mitigate
	Tetrachloroethene	1100	3.1	3.8 J	E	
	Trichloroethene	460	2	3.8 J	E	
	1,1,1-Trichloroethene	120	0.83 ND	0.83 NDJ	C	
161-N-2012	Carbon Tetrachloride	0.96 ND	0.26 ND	0.26 NDJ	B	Mitigate
	Tetrachloroethene	2000	34	3.8 J	E	
	Trichloroethene	8600	2.8	3.8 J	E	
	1,1,1-Trichloroethene	560	0.83 ND	0.83 NDJ	C	
161-SE-2012	Carbon Tetrachloride	0.96 ND	0.26 ND	0.26 NDJ	B	Mitigate
	Tetrachloroethene	1300	57	3.8 J	E	
	Trichloroethene	4200	2.9	3.8 J	E	
	1,1,1-Trichloroethene	530	0.83	0.83 NDJ	C	
161-W-2012	Carbon Tetrachloride	0.64 J	0.26 ND	0.26 NDJ	B	Mitigate
	Tetrachloroethene	2000	14	3.8 J	E	
	Trichloroethene	9500	3.8	3.8 J	E	
	1,1,1-Trichloroethene	100	0.83 ND	0.83 NDJ	C	
301-NE-2012	Carbon Tetrachloride	0.96 ND	Indoor air samples could not be collected due to presence of indoor tire storage which generated high levels of volatile compounds	0.26 NDJ	B	Mitigate
	Tetrachloroethene	2100		3.8 J	E	
	Trichloroethene	9000		3.8 J	E	
	1,1,1-Trichloroethene	260		0.83 NDJ	E	
301-SW-2012	Carbon Tetrachloride	0.96 ND		0.26 NDJ	B	Mitigate
	Tetrachloroethene	8300		3.8 J	E	
	Trichloroethene	23000		3.8 J	E	
	1,1,1-Trichloroethene	440		0.83 NDJ	E	

A. Take reasonable and practical actions to identify source(s) and reduce exposure.
B. No Further Action
C. Monitor
D. Monitor/Mitigate
E. Mitigate



N

0 0.25 0.5 0.75 1

Miles

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One Mile Radius from Site Location

Active Potable Wells - Plainview Water District, Magothy Aquifer, Screened 482-540 ft

Nassau County Recharge Basin
Label (528) is Basin Number

South Huntington Water District Potable Wellfield

HDR

Henningson, Durham & Richardson, Architecture and Engineering, P.C. In Association with HDR Engineering, Inc.

Site Location and Area of Investigation Map (with Potable Wells and Recharge Basins)

Former Aluminum Louvre RI/FS
NYSDEC Site #130195
Old Bethpage, NY

DATE
1-9-2013

FIGURE
1



AOC

161-1 Former AST, contents unknown
161-2 Sewer vent
161-3 Former outdoor compactor
161-4 Former sanitary cesspools
161-5 Former processing machine
161-6 Former parts washer
161-7 Former paint booths
161-8 Former fuel oil UST
161-9 Indoor loading dock drywell
161-10 Former outdoor metal shed

301-1 Former sanitary system
301-2 Former outdoor drum storage
301-3 Former indoor degreaser
301-4 Former indoor vapor degreaser
301-5 Former indoor TCE/TCA AST
301-6 Former fuel oil UST
301-7 & 301-8 Former dip tank/paint storage outdoors
301-9 Former indoor waste drums
301-10 Former spray paint booth

N

0 25 50 75 100

Feet

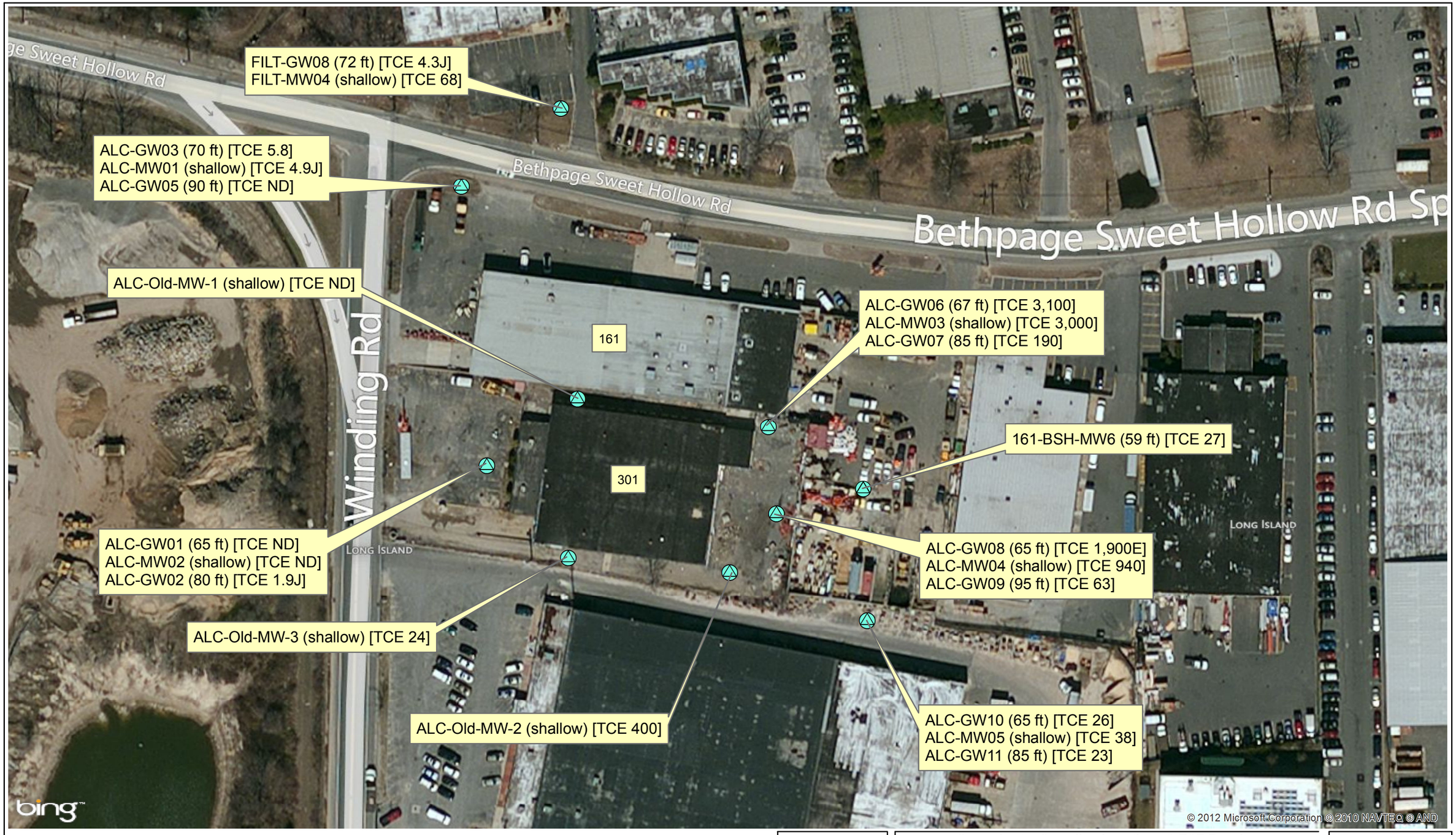
HDR

Henningson, Durham & Richardson, Architecture and Engineering, P.C. In Association with HDR Engineering, Inc.

Site Plan - Areas of Concern
161 Bethpage-Sweethollow Road and 301 Winding Road
Former Aluminum Louvre RI/FS
NYSDEC Site #130195
Old Bethpage, NY

DATE
11-29-2012

FIGURE
2a



N

0 50 100 150 200

Feet

Previous investigations undertaken by USEPA and NYSDEC - 2007 through 2009

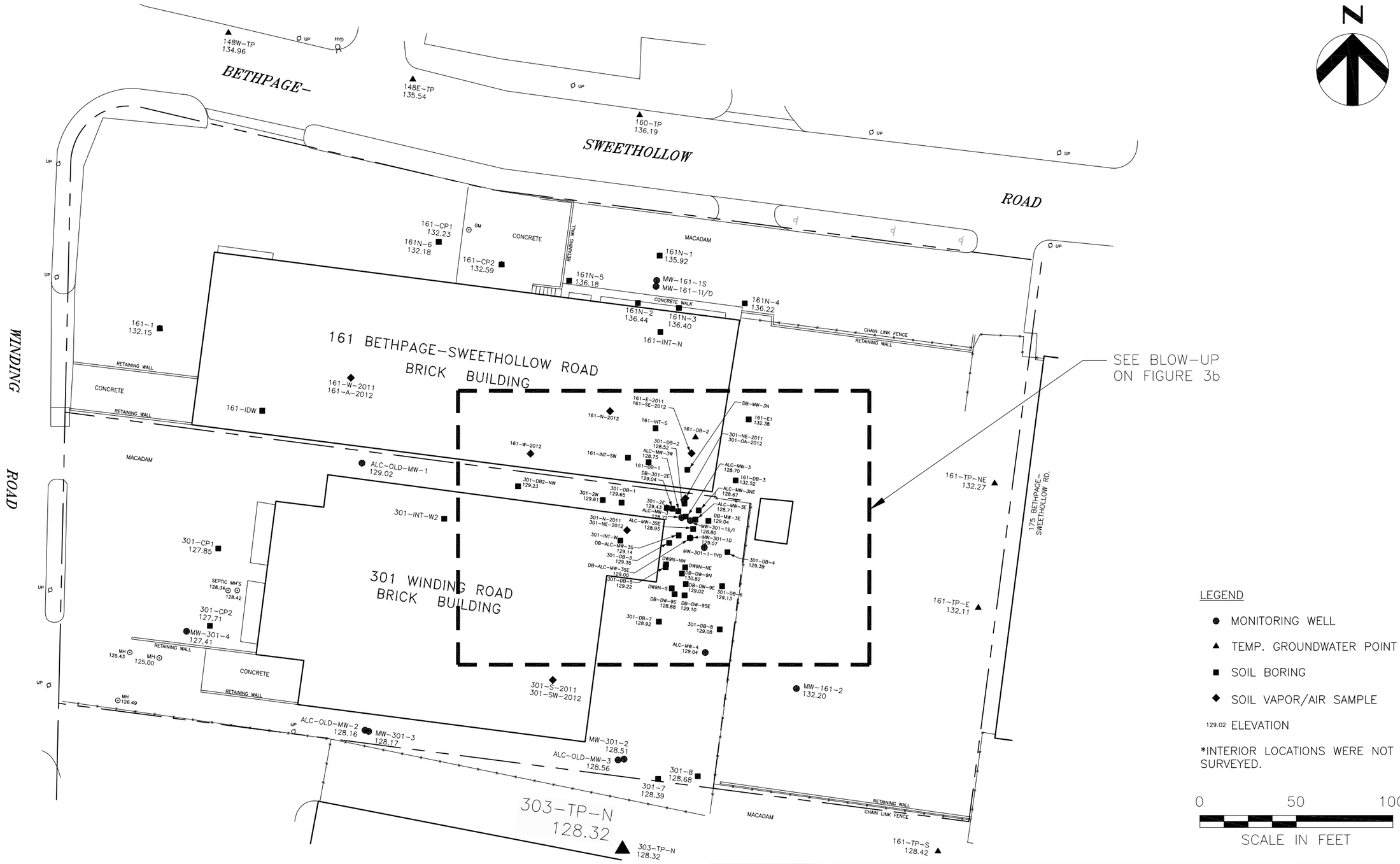
HDR

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Groundwater Sampling Locations & TCE Results
From Previous Investigations
161 Bethpage-Sweethollow Road and 301 Winding Road
Former Aluminum Louvre RI/FS
NYSDEC Site #130195
Old Bethpage, NY

DATE
11-29-2012

FIGURE
2b



HDR

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Sample Location Map -
Site and Adjoining Properties

Former Aluminum Louvre RI/FS

NYSDEC Site # 130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
3a

N

161-E-2011
161-SE-2012
161-N-2012
161-INT-S
161-DB-2
DB-MW-3N
161-E1
132.38
301-NE-2011
301-OA-2012
161-W-2012
301-DB-2
128.52
ALC-MW-3W
128.75
161-INT-SW
161-DB-1
ALC-MW-3
128.70
DB-301-2E
129.04
161-DB-3
132.52
301-DB2-NW
129.23
301-DB-1
129.65
301-2W
129.61
ALC-MW-3NE
128.67
301-2E
129.43
ALC-MW-3E
128.71
ALC-MW-3
128.72
DB-MW-3E
129.04
301-N-2011
301-NE-2012
ALC-MW-3SE
128.95
MW-301-1S/I
128.80
301-INT-W
MW-301-1D
129.07
DB-ALC-MW-3S
129.14
MW-301-1-1VD
301-DB-3
129.35
301-DB-4
129.39
DW9N-NW
DW9N-NE
DB-ALC-MW-3SE
129.00
DB-DW-9N
130.82
301-DB-5
129.22
DB-DW-9E
129.02
DW9N-S
301-DB-6
129.13
DB-DW-9S
128.88
DB-DW-9SE
129.10
301-DB-7
128.92
301-DB-8
129.08
ALC-MW-4
129.04

G ROAD
ILDING

LEGEND

- ● MONITORING WELL
- ▲ TEMP. GROUNDWATER POINT
- ■ SOIL BORING
- ◆ SOIL VAPOR/AIR SAMPLE
- 129.02 ELEVATION

*INTERIOR LOCATIONS WERE NOT SURVEYED.

0 16 32

SCALE IN FEET

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Sample Location Map -
Eastern Portion of the Site

Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
3b



N

LEGEND

- MONITORING WELL
- TEMP. GROUNDWATER POINT
- SOIL BORING
- SOIL VAPOR/AIR SAMPLE
- 129.02 ELEVATION

0 100 200

SCALE IN FEET

HDR

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Sample Locations 2012 -
Off-Site Areas East and South

Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
3c

161-1	1/17/2011		
	161-1-66	**161-1-91**	**161-1-116**
Depth (ft)	66	91	116
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND	1 ND
PCE	1 ND	1 ND	1 ND
TCE	1.5	1 ND	1 ND

161-CP-2	1/13/2011		
	161-CP2-66	**161-CP2-91**	**161-CP2-121**
Depth (ft)	66	91	121
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND	1 ND
PCE	1 ND	1 ND	1 ND
TCE	1.9	1.4	1.7

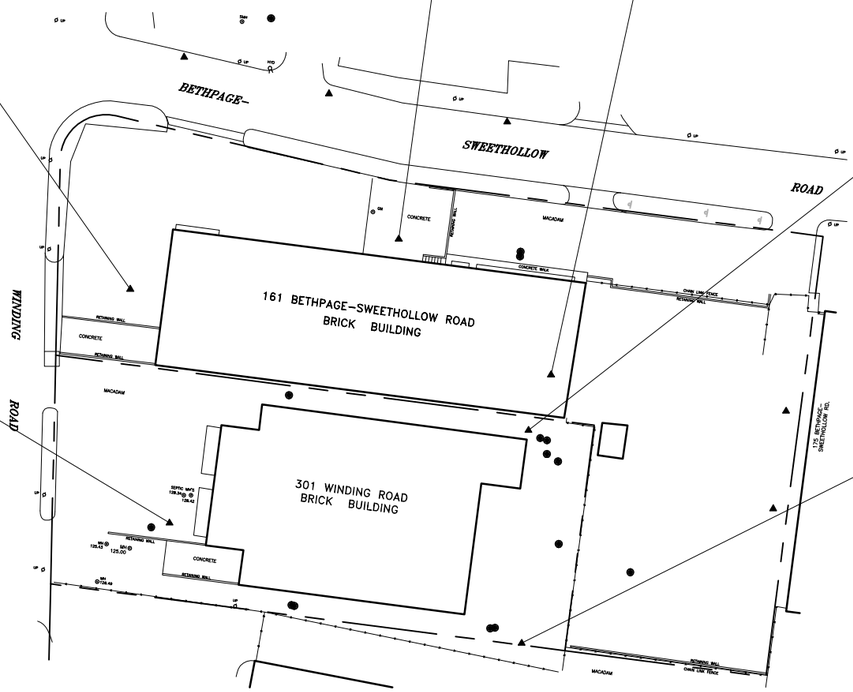
161-DB-2	3/16/2011
	161-DB-2-66
Depth (ft)	66
1,1,1-TCA	***8***
1,1,2-TCA	0.56 J
1,1-DCA	1 ND
cis-1,2-DCE	***22***
PCE	***30***
TCE	***1000 D***

301-2E	1/12/2011		
	301-2E-58	**301-2E-91**	**301-2E-111**
Depth (ft)	58	91	111
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	2.1	0.73 J	0.59 J
PCE	1.3	0.77 J	1 ND
TCE	***56 J***	***22***	***14***

301-CP2	1/18/2011		
	301-CP2-60	**301-CP2-91**	**301-CP2-121**
Depth (ft)	60	91	121
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND	1 ND
PCE	1 ND	1 ND	1 ND
TCE	1 ND	1 ND	1 ND
Acetone*	***130***	***120***	***160***

*Acetone criteria is 50 ug/L

301-7	1/12/2011		
	301-7-58	**301-7-91**	**301-7-121**
Depth (ft)	58	91	121
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	0.58 J	1 ND	1 ND
PCE	1	1 ND	1 ND
TCE	***18 J***	1	2.4



GROUNDWATER FLOW

N

Notes			
Result units:	µg/l	micrograms per liter	Criteria
Abbreviations:	1,1,1-TCA	1,1,1-Trichloroethane	5
	1,1,2-TCA	1,1,2-Trichloroethane	1
	1,1-DCA	1,1-Dichloroethane	5
	cis-1,2-DCE	cis-1,2-Dichloroethene	5
	PCE	Tetrachloroethene	5
	TCE	Trichloroethene	5
	ND	not detected	
	NDJ	not detected; estimated value	
	D	value from secondary dilution analysis	
	NJ	tentative ID, estimated	J estimated value
	B	also detected in associated method blank	
Criteria: Part 703: Surface Water and Groundwater Quality Standards (Class GA)			
Bold/italic/underlined value in table is exceedance of applicable criteria			

LEGEND

- ● MONITORING WELL
- ▲ TEMP. GROUNDWATER POINT

0 100 200

SCALE IN FEET

HDR

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Groundwater Sampling Results
On-Site Chlorinated VOCs and Acetone -
January and March 2011 (1 of 8)
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
01-09-2013

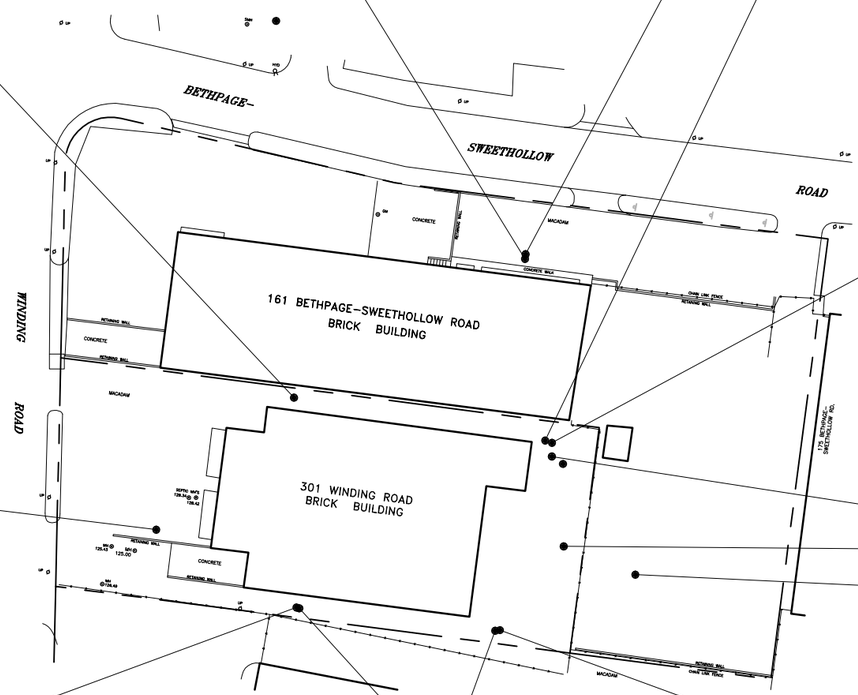
FIGURE
4a

MW-161-1-ID	5/17/2011	5/17/2011
	MW-161-1-I-1	MW-161-1-D-1
Depth (ft)	85-95	114.5-124.5
1,1,1-TCA	3.5	1 ND
1,1,2-TCA	1 ND	1 ND
1,1-DCA	1 ND	1 ND
cis-1,2-DCE	***10***	1 ND
PCE	***8.5***	1 ND
TCE	***1100 D***	***18***

MW-161-1-S	5/17/2011
	MW-161-1-S-1
Depth (ft)	60-70
1,1,1-TCA	1 ND
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	1 ND
PCE	1 ND
TCE	***26***

ALC-MW3	5/23/2011
	ALC-MW3-WT-1
Depth (ft)	59.8
1,1,1-TCA	***20***
1,1,2-TCA	***2.8***
1,1-DCA	***6.4***
cis-1,2-DCE	***110***
PCE	***26***
TCE	***2400 D***

ALC-OLD-MW1	5/23/2011
	ALC-OLD-MW1-WT
Depth (ft)	60.2
1,1,1-TCA	1 ND
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	1 ND
PCE	1 ND
TCE	1 ND



MW-301-1-SI	5/23/2011	5/23/2011
	MW-301-1-S-1	MW-301-1-I-1
Depth (ft)	56-66	85-95
1,1,1-TCA	***8.6***	1 ND
1,1,2-TCA	***1.9***	1 ND
1,1-DCA	2.1	1 ND
cis-1,2-DCE	***49***	4.1
PCE	***31***	0.68 J
TCE	***1700 D***	***78***

MW-301-1-D	5/23/2011
	MW-301-1-D-1
Depth (ft)	115-125
1,1,1-TCA	1 ND
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	1
PCE	0.81 J
TCE	***66***

ALC-MW4	5/23/2011
	ALC-MW4-WT-1
Depth (ft)	60
1,1,1-TCA	3
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	***6.5***
PCE	4.5
TCE	***250 D***

MW-301-4	5/18/2011	5/19/2011	5/18/2011
	MW-301-4-S-1	MW-301-4-I-1	MW-301-4-D-1
Depth (ft)	55-65	85-95	115-125
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	1.7	1 ND	1 ND
PCE	1 ND	1 ND	1 ND
TCE	0.74 J	1 ND	1 ND

ALC-OLD-MW2	5/19/2011
	ALC-OLD-MW2-WT-1
Depth (ft)	58.8
1,1,1-TCA	1 ND
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	0.86 J
PCE	1 ND
TCE	***5.3***

MW-161-2	5/20/2011	5/20/2011	5/20/2011
	MW-161-2-S-1	MW-161-2-I-1	MW-161-2-D-1
Depth (ft)	60-70	85-95	115-125
1,1,1-TCA	0.71 NJ	0.77 NJ	1 ND
1,1,2-TCA	1 ND	1 ND	1 NDJ
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	0.94 J	4.4	1 ND
PCE	3.1	1.5	1 ND
TCE	***66***	***95***	***23***

MW-301-3	5/19/2011	5/19/2011
	MW-301-3-I-1	MW-301-3-D-1
Depth (ft)	81-91	112-122
1,1,1-TCA	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND
1,1-DCA	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND
PCE	1 ND	1 ND
TCE	1.7	1 ND

ALC-OLD-MW3	5/20/2011
	ALC-OLD-MW3-WT-1
Depth (ft)	59.9
1,1,1-TCA	1.4 NJ
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	***8.2***
PCE	4.7
TCE	***250 D***

MW-301-2	5/20/2011	5/20/2011
	MW-301-2-I-1	MW-301-2-D-1
Depth (ft)	85-95	112-122
1,1,1-TCA	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND
1,1-DCA	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND
PCE	1 ND	1 ND
TCE	***15***	1.4

Notes

Result units:	µg/l	micrograms per liter	Criteria
Abbreviations:	1,1,1-TCA	1,1,1-Trichloroethane	5
	1,1,2-TCA	1,1,2-Trichloroethane	1
	1,1-DCA	1,1-Dichloroethane	5
	cis-1,2-DCE	cis-1,2-Dichloroethene	5
	PCE	Tetrachloroethene	5
	TCE	Trichloroethene	5
	ND	not detected	
	NDJ	not detected; estimated value	
	D	value from secondary dilution analysis	
	NJ	tentative ID, estimated J estimated value	
	B	also detected in associated method blank	

Criteria: Part 703: Surface Water and Groundwater Quality Standards (Class GA)

Bold/italic/underlined value in table is exceedance of applicable criteria

LEGEND

- MONITORING WELL

0 100 200

SCALE IN FEET

HDR

Henningson, Durham & Richardson, Architecture and Engineering, P.C., in Association with HDR Engineering, Inc.

Groundwater Sampling Results
On-Site Chlorinated VOCs -
May 2011 (2 of 8)
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
01-09-2013

FIGURE
4b

ALC-MW3	7/22/2011
	ALC-MW3-WT-2
Depth (ft)	59.8
1,1,1-TCA	***19***
1,1,2-TCA	***2.7***
1,1-DCA	***7.4***
cis-1,2-DCE	***100***
PCE	***17***
TCE	***2400 D***

MW-161-1-ID	7/19/2011	7/25/2011
	MW-161-1-I-2	MW-161-1-D-2
Depth (ft)	85-95	114.5-124.5
1,1,1-TCA	2.4	1 ND
1,1,2-TCA	1 ND	1 ND
1,1-DCA	1 ND	1 ND
cis-1,2-DCE	***7.9***	0.51 J
PCE	1 ND	1 ND
TCE	***190 D***	***43***

MW-161-1-S	7/18/2011
	MW-161-1-S-2
Depth (ft)	60-70
1,1,1-TCA	1 ND
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	1 ND
PCE	1 ND
TCE	4.6

MW-301-1-SI	7/22/2011	7/22/2011
	MW-301-1-S-2	MW-301-1-I-2
Depth (ft)	56-66	85-95
1,1,1-TCA	***11***	1 ND
1,1,2-TCA	***2.6***	1 ND
1,1-DCA	2.5	1 ND
cis-1,2-DCE	***68***	2.9
PCE	***39***	0.82 J
TCE	***2500 D***	***45***

ALC-OLD-MW1	7/21/2011
	ALC-OLD-MW1-WT
Depth (ft)	60.2
1,1,1-TCA	1 ND
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	1 ND
PCE	1 ND
TCE	1.6

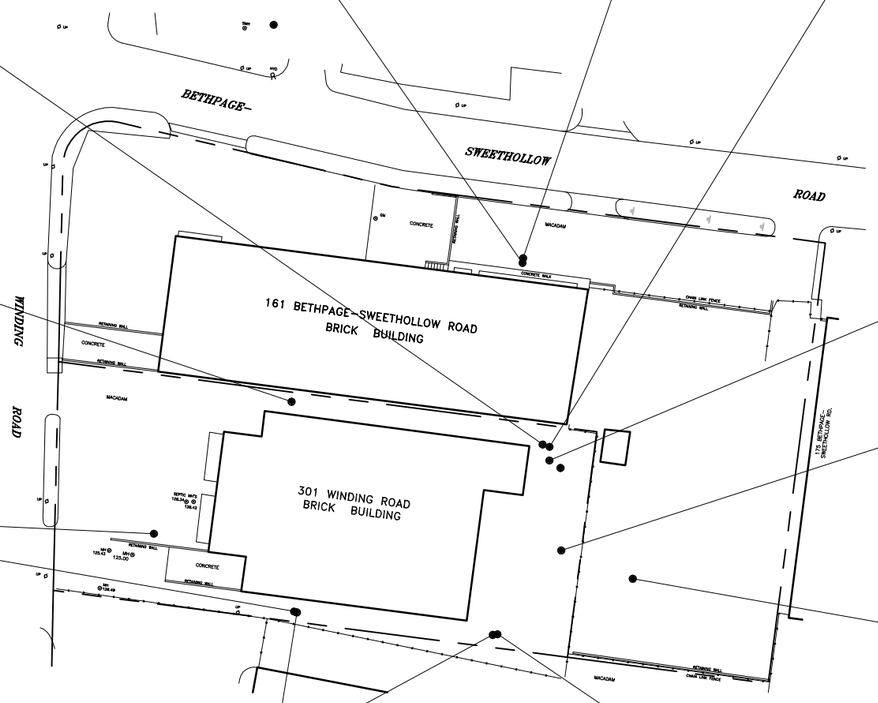
MW-301-1-D	7/22/2011
	MW-301-1-D-2
Depth (ft)	115-125
1,1,1-TCA	1 ND
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	0.67 J
PCE	1 ND
TCE	***17***

ALC-MW4	7/21/2011
	ALC-MW4-WT-2
Depth (ft)	60
1,1,1-TCA	1.2
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	5
PCE	1 ND
TCE	***67***

MW-301-4	7/19/2011	7/19/2011	7/19/2011
	MW-301-4-S-2	MW-301-4-I-2	MW-301-4-D-2
Depth (ft)	55-65	85-95	115-125
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	***5.6***	1 ND	1 ND
PCE	1 ND	1 ND	1 ND
TCE	***6.3***	1 ND	1 ND

MW-161-2	7/20/2011	7/20/2011	7/20/2011
	MW-161-2-S-2	MW-161-2-I-2	MW-161-2-D-2
Depth (ft)	60-70	85-95	115-125
1,1,1-TCA	0.74 J	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	0.83 J	3.9	1 ND
PCE	1 ND	1 ND	1 ND
TCE	***36***	***26***	***23***

ALC-OLD-MW2	7/21/2011
	ALC-OLD-MW2-WT-2
Depth (ft)	58.8
1,1,1-TCA	1 ND
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	1.3
PCE	1 ND
TCE	***8***



MW-301-3	7/19/2011	7/19/2011
	MW-301-3-I-2	MW-301-3-D-2
Depth (ft)	81-91	112-122
1,1,1-TCA	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND
1,1-DCA	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND
PCE	1 ND	1 ND
TCE	1.8	1 ND

ALC-OLD-MW3	7/21/2011
	ALC-OLD-MW3-WT-2
Depth (ft)	59.9
1,1,1-TCA	1.8
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	***11***
PCE	3.2
TCE	***260 D***

MW-301-2	7/21/2011	7/21/2011
	MW-301-2-I-2	MW-301-2-D-2
Depth (ft)	85-95	112-122
1,1,1-TCA	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND
1,1-DCA	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND
PCE	1 ND	1 ND
TCE	4.2	0.87 J

GROUNDWATER FLOW

N

LEGEND

- MONITORING WELL

Notes			
Result units:	µg/l	micrograms per liter	Criteria
Abbreviations:	1,1,1-TCA	1,1,1-Trichloroethane	5
	1,1,2-TCA	1,1,2-Trichloroethane	1
	1,1-DCA	1,1-Dichloroethane	5
	cis-1,2-DCE	cis-1,2-Dichloroethene	5
	PCE	Tetrachloroethene	5
	TCE	Trichloroethene	5
	ND	not detected	
	NDJ	not detected; estimated value	
	D	value from secondary dilution analysis	
	NJ	tentative ID, estimated	J estimated value
	B	also detected in associated method blank	
Criteria: Part 703: Surface Water and Groundwater Quality Standards (Class GA)			
Bold/italic/underlined value in table is exceedance of applicable criteria			

0 100 200

SCALE IN FEET

HDR

Hennigson, Durham & Richardson, Architecture and Engineering, P.C. in Association with HDR Engineering, Inc.

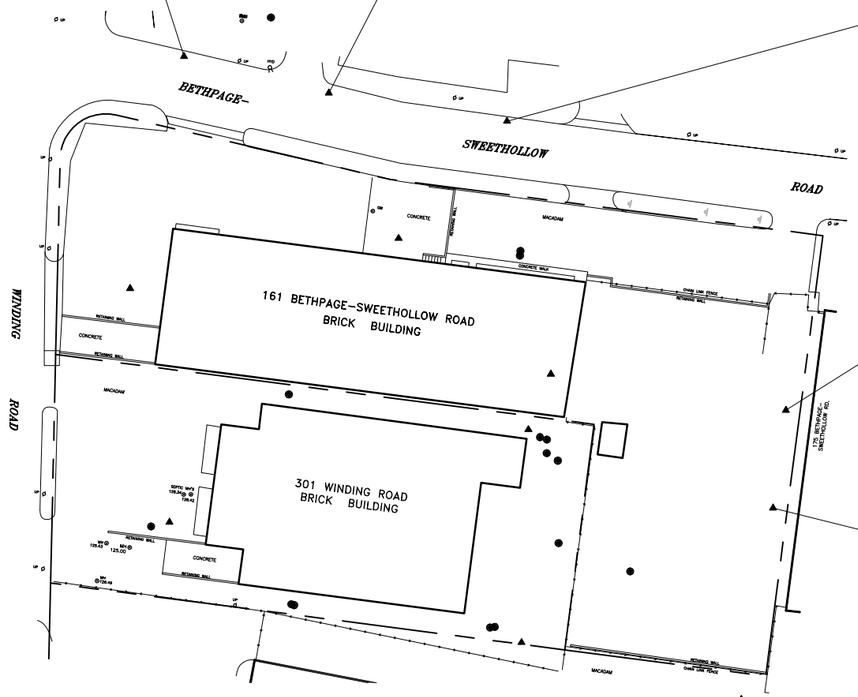
Groundwater Sampling Results
On-Site Chlorinated VOCs -
July 2011 (3 of 8)
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
01-09-2013

FIGURE
4c

148W-TP	3/21/2012		
	148W-TP-75	148W-TP-95	148W-TP-125
Depth (ft)	75	95	125
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND	1 ND
PCE	1 ND	1 ND	1 ND
TCE	0.73 J	1 ND	1 ND

148E-TP	3/20/2012			
	148E-TP-70	148E-TP-95	148E-TP-115	148E-TP-125
Depth (ft)	70	95	115	125
1,1,1-TCA	1 ND	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND	1 ND	1 ND
PCE	1 ND	1 ND	1 ND	1 ND
TCE	1 ND	1 ND	1 ND	1 ND



160-TP	3/21/2012		
	160-TP-75	160-TP-95	160-TP-125
Depth (ft)	75	95	125
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND	1 ND
PCE	1 ND	1 ND	0.73 J
TCE	2.7	3.1	***6***

161-TP-NE	3/12/2012		
	161-TP-NE-70	161-TP-NE-95	161-TP-NE-125
Depth (ft)	70	95	125
1,1,1-TCA	4.4 NJ	1.6 NDJ	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	***9.3 J***	***5.3 J***	1 ND
PCE	***8.8 J***	***11 J***	1 ND
TCE	***550 J***	***410 J***	***27 J***

161-TP-E	3/13/2012
	161-TP-E-125
Depth (ft)	125
1,1,1-TCA	5 ND
1,1,2-TCA	5 ND
1,1-DCA	5 ND
cis-1,2-DCE	5 ND
PCE	***8.2 J***
TCE	***220 J***

161-TP-S	3/8/2012	3/8/2012	3/9/2012
	161-TP-S-60	161-TP-S-85	161-TP-S-115
Depth (ft)	60	85	115
1,1,1-TCA	1.5	1.7	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	2.7	2.8	1 ND
PCE	***11***	***12***	1 ND
TCE	***180 J***	***200 J***	2

LEGEND

- ● MONITORING WELL
- ▲ TEMP. GROUNDWATER POINT

Notes			
Result units:	µg/l	micrograms per liter	Criteria
Abbreviations:	1,1,1-TCA	1,1,1-Trichloroethane	5
	1,1,2-TCA	1,1,2-Trichloroethane	1
	1,1-DCA	1,1-Dichloroethane	5
	cis-1,2-DCE	cis-1,2-Dichloroethene	5
	PCE	Tetrachloroethene	5
	TCE	Trichloroethene	5
	ND	not detected	
	NDJ	not detected; estimated value	
	D	value from secondary dilution analysis	
	NJ	tentative ID, estimated J estimated value	
	B	also detected in associated method blank	
Criteria: Part 703: Surface Water and Groundwater Quality Standards (Class GA)			
Bold/italic/underlined value in table is exceedance of applicable criteria			

0 100 200

SCALE IN FEET

GROUNDWATER FLOW

N

HDR

Hennigson, Durham & Richardson, Architecture and Engineering, P.C. in Association with HDR Engineering, Inc.

Groundwater Sampling Results
On-Site and Upgradient Chlorinated VOCs - March 2012 (4 of 8)
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
01-09-2013

FIGURE
4d

LEGEND

▲ TEMP. GROUNDWATER POINT

GROUNDWATER FLOW

N



303-TP-N	3/6/2012		
	303-TP-N-60	303-TP-N-90	303-TP-N-120
Depth (ft)	60	90	120
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND	1 ND
PCE	1.2	1 ND	1 ND
TCE	***21***	1.5	3.3

303-TP-SE	3/12/2012		
	303-TP-SE-65	303-TP-SE-95	303-TP-SE-125
Depth (ft)	65	95	125
1,1,1-TCA	1 ND	0.67 J	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	1 ND	4.1	1.4
PCE	1 ND	3.6	2.4
TCE	5	***170***	***64***

303-TP-E	3/12/2012		
	303-TP-E-65	303-TP-E-95	303-TP-E-125
Depth (ft)	65	95	125
1,1,1-TCA	0.5 J	1.8	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	0.52 J	1 ND
cis-1,2-DCE	0.77 J	***8.5***	1 ND
PCE	3.9	***11***	1.1
TCE	***43***	***300 D***	***23***

Notes			
Result units:	µg/l	micrograms per liter	Criteria
Abbreviations:	1,1,1-TCA	1,1,1-Trichloroethane	5
	1,1,2-TCA	1,1,2-Trichloroethane	1
	1,1-DCA	1,1-Dichloroethane	5
	cis-1,2-DCE	cis-1,2-Dichloroethene	5
	PCE	Tetrachloroethene	5
	TCE	Trichloroethene	5
	ND	not detected	
	NDJ	not detected; estimated value	
	D	value from secondary dilution analysis	
	NJ	tentative ID, estimated J estimated value	
	B	also detected in associated method blank	
Criteria: Part 703: Surface Water and Groundwater Quality Standards (Class GA)			
Bold/italic/underlined value in table is exceedance of applicable criteria			

0 200 400

SCALE IN FEET

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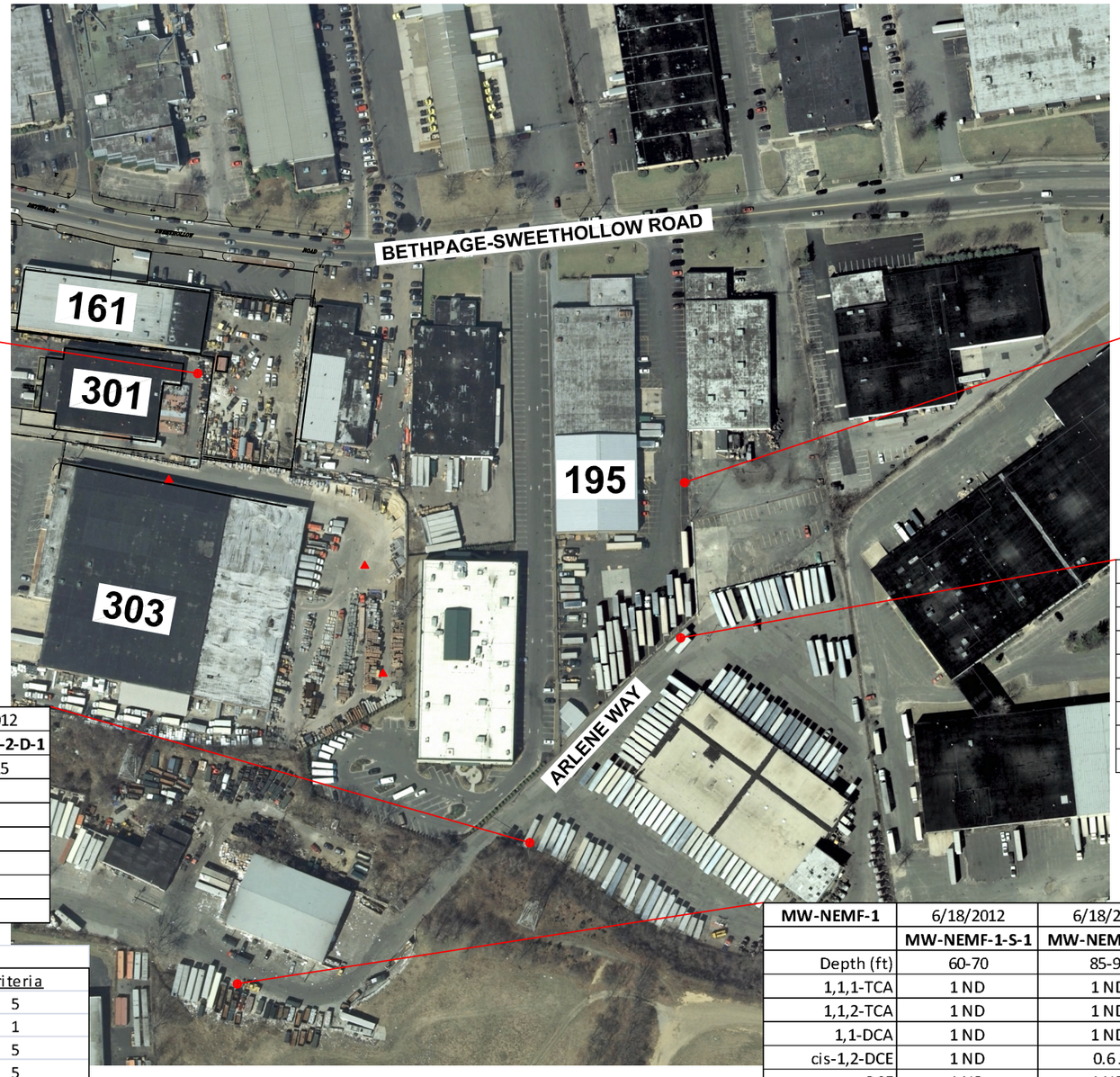
Groundwater Sampling Results
Off-Site Chlorinated VOCs -
March 2012 (5 of 8)
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
01-09-2013

FIGURE
4e

LEGEND

- MONITORING WELL
- TEMP. GROUNDWATER POINT



MW-301-1-VD	6/20/2012
	MW-301-1-183-1
Depth (ft)	173-183
1,1,1-TCA	1 ND
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	1 ND
PCE	1 ND
TCE	0.73 J

MW-195-1	6/20/2012	6/20/2012	6/20/2012
	MW-195-1-S-1	MW-195-1-I-1	MW-195-1-D-1
Depth (ft)	70-80	90-100	110-120
1,1,1-TCA	1.7	***57***	***18***
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	***8.8***	1.3
cis-1,2-DCE	1 ND	2.1	0.65 J
PCE	1.5	***7.9***	1.6
TCE	3.6	***85***	***15***

MW-NEMF-3	6/19/2012	6/19/2012	6/20/2012
	MW-NEMF-3-S-1	MW-NEMF-3-I-1	MW-NEMF-3-D-1
Depth (ft)	70-80	95-105	115-125
1,1,1-TCA	3.1	***21***	1.2
1,1,2-TCA	1 ND	0.54 J	1 ND
1,1-DCA	1 ND	2	1
cis-1,2-DCE	1 ND	1.4	3.4
PCE	1 ND	2.4	1.8
TCE	0.77 J	***16***	***25***

MW-NEMF-2	6/19/2012	6/19/2012	6/19/2012
	MW-NEMF-2-S-1	MW-NEMF-2-I-1	MW-NEMF-2-D-1
Depth (ft)	66-76	95-105	115-125
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND	1 ND
PCE	1 ND	1 ND	1 ND
TCE	0.53 J	1.8	***5.8***

MW-NEMF-1	6/18/2012	6/18/2012	6/19/2012
	MW-NEMF-1-S-1	MW-NEMF-1-I-1	MW-NEMF-1-D-1
Depth (ft)	60-70	85-95	115-125
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	1 ND	0.6 J	1 ND
PCE	1 ND	1 ND	1 ND
TCE	1 ND	1.7	1 ND

Notes			
Result units:	µg/l	micrograms per liter	Criteria
Abbreviations:	1,1,1-TCA	1,1,1-Trichloroethane	5
	1,1,2-TCA	1,1,2-Trichloroethane	1
	1,1-DCA	1,1-Dichloroethane	5
	cis-1,2-DCE	cis-1,2-Dichloroethene	5
	PCE	Tetrachloroethene	5
	TCE	Trichloroethene	5
	ND	not detected	
	NDJ	not detected; estimated value	
	D	value from secondary dilution analysis	
	NJ	tentative ID, estimated	J estimated value
	B	also detected in associated method blank	
Criteria: Part 703: Surface Water and Groundwater Quality Standards (Class GA)			
Bold/italic/underlined value in table is exceedance of applicable criteria			

0 200 400
SCALE IN FEET

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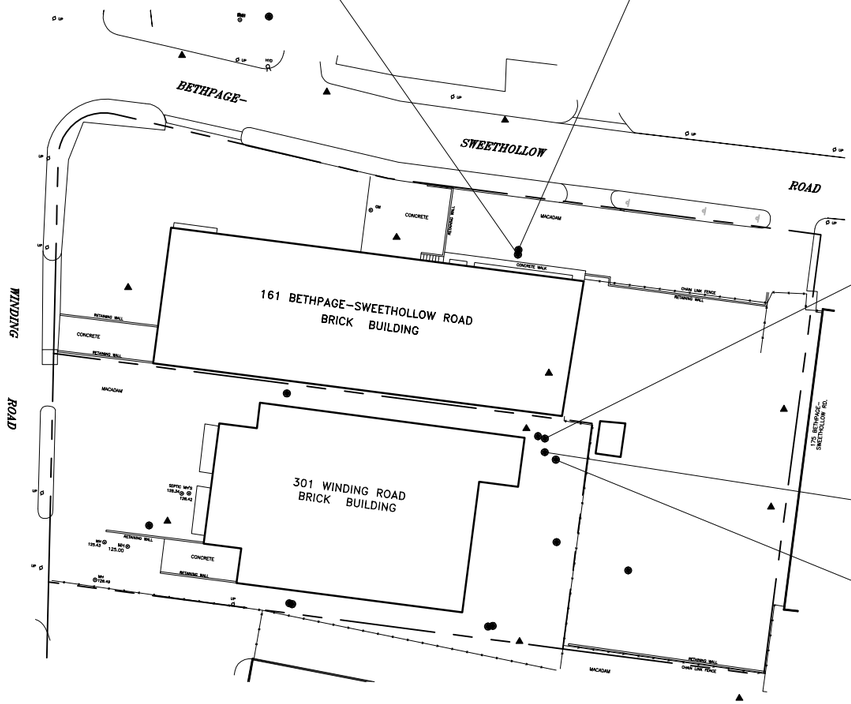
Groundwater Sampling Results
On-Site and Off-Site Chlorinated VOCs -
June 2012 (6 of 8)
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
01-09-2013

FIGURE
4f

MW-161-1-ID	8/23/2012	8/23/2012
	MW-161-1-I-3	MW-161-1-D-3
Depth (ft)	85-95	114.5-124.5
1,1,1-TCA	0.84 J	1 ND
1,1,2-TCA	1 ND	1 ND
1,1-DCA	1 ND	1 ND
cis-1,2-DCE	***5.1***	0.6 J
PCE	1 ND	1 ND
TCE	***80***	***24***

MW-161-1-S	8/23/2012
	MW-161-1-S-3
Depth (ft)	60-70
1,1,1-TCA	0.6 J
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	1 ND
PCE	1.4
TCE	***60***



MW-301-1-SI	8/23/2012	8/23/2012
	MW-301-1-S-3	MW-301-1-I-3
Depth (ft)	56-66	85-95
1,1,1-TCA	4.5	1 ND
1,1,2-TCA	***2.2***	1 ND
1,1-DCA	1.2	1 ND
cis-1,2-DCE	***38***	1.2
PCE	0.79 J	1 ND
TCE	***500 D***	***18***

MW-301-1-D	8/23/2012
	MW-301-1-D-3
Depth (ft)	115-125
1,1,1-TCA	1 ND
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	0.82 J
PCE	1 ND
TCE	***5.1***

MW-301-1-VD	8/24/2012
	MW-301-1-183-2
Depth (ft)	173-183
1,1,1-TCA	1 ND
1,1,2-TCA	1 ND
1,1-DCA	1 ND
cis-1,2-DCE	1 ND
PCE	0.71 J
TCE	0.89 J

LEGEND

- MONITORING WELL
- TEMP. GROUNDWATER POINT

Notes			
Result units:	µg/l	micrograms per liter	Criteria
Abbreviations:	1,1,1-TCA	1,1,1-Trichloroethane	5
	1,1,2-TCA	1,1,2-Trichloroethane	1
	1,1-DCA	1,1-Dichloroethane	5
	cis-1,2-DCE	cis-1,2-Dichloroethene	5
	PCE	Tetrachloroethene	5
	TCE	Trichloroethene	5
	ND	not detected	
	NDJ	not detected; estimated value	
	D	value from secondary dilution analysis	
	NJ	tentative ID, estimated J estimated value	
	B	also detected in associated method blank	
Criteria: Part 703: Surface Water and Groundwater Quality Standards (Class GA)			
Bold/italic/underlined value in table is exceedance of applicable criteria			

0 100 200

SCALE IN FEET

HDR

Henningson, Durham & Richardson, Architecture and Engineering, P.C. in Association with HDR Engineering, Inc.

Groundwater Sampling Results
On-Site Chlorinated VOCs -
August 2012 (7 of 8)
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
01-09-2013

FIGURE
4g

LEGEND

- MONITORING WELL
- TEMP. GROUNDWATER POINT



MW-195-1	8/22/2012	8/22/2012	8/22/2012
	MW-195-1-S-2	MW-195-1-I-2	MW-195-1-D-2
Depth (ft)	70-80	90-100	110-120
1,1,1-TCA	0.74 J	***54***	***22***
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	***8.5***	1.7
cis-1,2-DCE	1 ND	1.4	1 ND
PCE	1 ND	2.3	1.1
TCE	0.76 J	***45***	***17***

MW-NEMF-3	8/21/2012	8/21/2012	8/22/2012
	MW-NEMF-3-S-2	MW-NEMF-3-I-2	MW-NEMF-3-D-2
Depth (ft)	70-80	95-105	115-125
1,1,1-TCA	1.4	***32***	0.85 J
1,1,2-TCA	1 ND	0.78 J	1 ND
1,1-DCA	1 ND	2.8	0.79 J
cis-1,2-DCE	1 ND	0.79 J	2.4
PCE	1 ND	1.1	1 ND
TCE	1 ND	***11***	***12***

MW-NEMF-1	8/20/2012	8/20/2012	8/20/2012
	MW-NEMF-1-S-2	MW-NEMF-1-I-2	MW-NEMF-1-D-2
Depth (ft)	60-70	85-95	115-125
1,1,1-TCA	1 ND	1 ND	1 ND
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	1 ND	0.62 J	1 ND
PCE	1 ND	1 ND	1 ND
TCE	1 ND	1.7	1 ND

MW-NEMF-2	8/21/2012	8/21/2012	8/21/2012
	MW-NEMF-2-S-2	MW-NEMF-2-I-2	MW-NEMF-2-D-2
Depth (ft)	66-76	95-105	115-125
1,1,1-TCA	1 ND	1 ND	0.58 J
1,1,2-TCA	1 ND	1 ND	1 ND
1,1-DCA	1 ND	1 ND	1 ND
cis-1,2-DCE	1 ND	1 ND	2.2
PCE	1 ND	1 ND	1 ND
TCE	1 ND	0.86 J	***47***

Notes			
Result units:	µg/l	micrograms per liter	Criteria
Abbreviations:	1,1,1-TCA	1,1,1-Trichloroethane	5
	1,1,2-TCA	1,1,2-Trichloroethane	1
	1,1-DCA	1,1-Dichloroethane	5
	cis-1,2-DCE	cis-1,2-Dichloroethene	5
	PCE	Tetrachloroethene	5
	TCE	Trichloroethene	5
	ND	not detected	
	NDJ	not detected; estimated value	
	D	value from secondary dilution analysis	
	NJ	tentative ID, estimated	J estimated value
	B	also detected in associated method blank	
Criteria: Part 703: Surface Water and Groundwater Quality Standards (Class GA)			
Bold/italic/underlined value in table is exceedance of applicable criteria			

0 200 400

SCALE IN FEET

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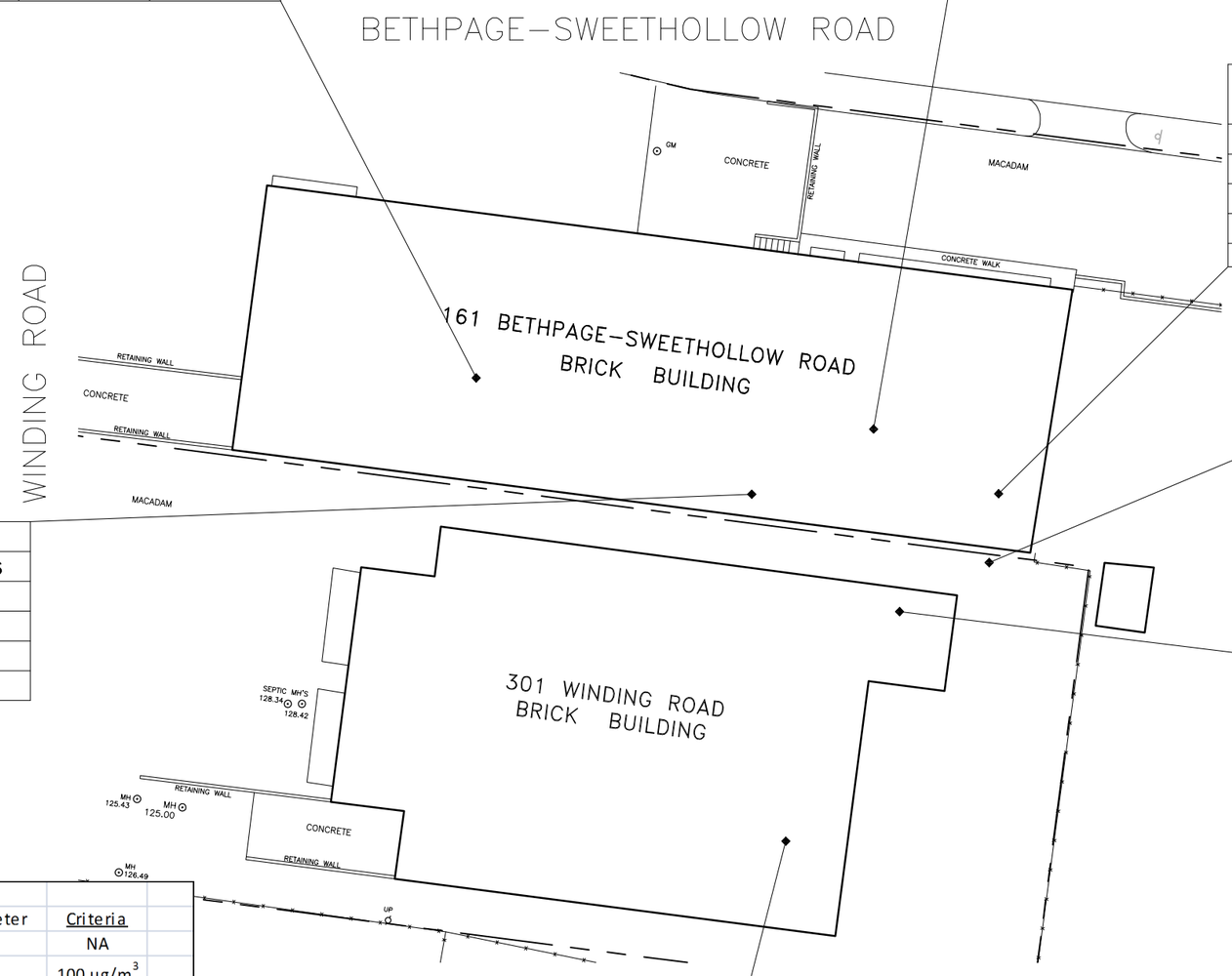
Groundwater Sampling Results
Off-Site Chlorinated VOCs -
August 2012 (8 of 8)
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
01-09-2013

FIGURE
4h

161-W-2011/	1/13/2011		3/12/2012	
161-A-2012	161-W-AMB	161-W-SS-1	161-A-IA	161-A-SS
Depth	BZ	0" - 6"	BZ	0" - 6"
1,1,1-TCA	0.83 ND	0.83 ND	0.83 ND	120
PCE	11	1.4	3.1	1100
TCE	0.49	0.98	2	460

161-N-2012	3/12/2012	
	161-N-IA	161-N-SS
Depth	BZ	0" - 6"
1,1,1-TCA	0.83 ND	560
PCE	34	2000
TCE	2.8	8600



161-E-2011/ 161-SE-2012	1/13/2011		3/12/2012	
	161-E-AMB	161-E-SS	161-SE-IA	161-SE-SS
Depth	BZ	0" - 6"	BZ	0" - 6"
1,1,1-TCA	0.83 ND	4.9	0.83 ND	530
PCE	***3200****	3000	57	1300
TCE	2.6	52	2.9	4200

*Chemicals used indoors at this location assumed to have contributed to indoor air result

301-NE-2011/ 301-OA-2012	1/13/2011	3/12/2012
	301-NE-OA	301-OA
Depth	BZ	BZ
1,1,1-TCA	0.83 ND	0.83 NDJ
PCE	5.9	3.8 J
TCE	1.7	3.8 J

301-N-2011/ 301-NE-2012	1/13/2011		3/12/2012
	301-N-AMB	301-N-SS	301-NE-SS1
Depth	BZ	0" - 6"	0" - 6"
1,1,1-TCA	0.83 ND	0.83 ND	260
PCE	3.7	2	2100
TCE	1.9	1.4	9000

161-W-2012	3/12/2012	
	161-W-IA	161-W-SS
Depth	BZ	0" - 6"
1,1,1-TCA	0.83 ND	100
PCE	14	2000
TCE	3.8	9500

LEGEND

◆ SOIL VAPOR/AIR SAMPLE

301-S-2011/ 301-SW-2012	1/13/2011		3/12/2012
	301-S-AMB	301-S-SS	301-SW-SS
Depth	BZ	0" - 6"	0" - 6"
1,1,1-TCA	0.83 ND	1.3	440
PCE	2.4	3.9	8300
TCE	1.9	2.9	23000

Notes			
Result units:	$\mu g/m^3$	micrograms per cubic meter	Criteria
Abbreviations:	1,1,1-TCA	1,1,1-Trichloroethane	NA
	PCE	Tetrachloroethene	100 $\mu g/m^3$
	TCE	Trichloroethene	5 $\mu g/m^3$
NA - not available		SS - sub-slab soil vapor sample	
IA - indoor air sample		AMB - ambient (indoor) air sample	
OA - outdoor air sample		BZ - breathing zone (approx. 4-5 ft above floor)	
		Results Qualifiers:	
		ND - not detected	
		NDJ - not detected; detection limit estimated	
		J - estimated concentration	
Criteria: NYS Dept. of Health indoor air guideline values			
Bold/italic/underlined value in table is exceedance of applicable criteria			

0 50 100

SCALE IN FEET

HDR

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Vapor Intrusion Samples

Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
5

161N-2	03/14/12	
	161N-2-17	161N-2-20
Depth (ft)	17	20
All six results	5.5 ND	6.3 ND

MW-161-1-S	04/27/11
	MW-161-1-60
Depth (ft)	60
All six results	5.5 ND

MW-161-1-ID	04/28/11	
	MW-161-1-85	MW-161-1-119
Depth (ft)	85	119
Four results	6.5 ND	1 ND
TCE	2.4 J	3.2 J
Toluene	6.5 ND	0.53 J

161-CP2	01/13/11	
	161-CP2-5.5	161-CP2-64.5
Depth (ft)	5.5	64.5
All six results	5 ND	5.2 ND

161-INT-S	03/19/12
	161-INT-S-24
Depth (ft)	24
All six results	5.2 ND

161N-1	03/14/12
	161N-1-14.5
Depth (ft)	14.5
All six results	5.7 ND

161N-3	03/14/12
	161N-3-21
Depth (ft)	21
All six results	5.4 ND

161-CP1	01/11/11
	161-CP1-14
Depth (ft)	14
All six results	5.3 ND

161N-6	03/14/12
	161N-6-18
Depth (ft)	18
Five results	4.9 ND
TCE	1.8 J

161-INT-N	03/19/12
	161-INT-N-24
Depth (ft)	24
All six results	5.9 ND

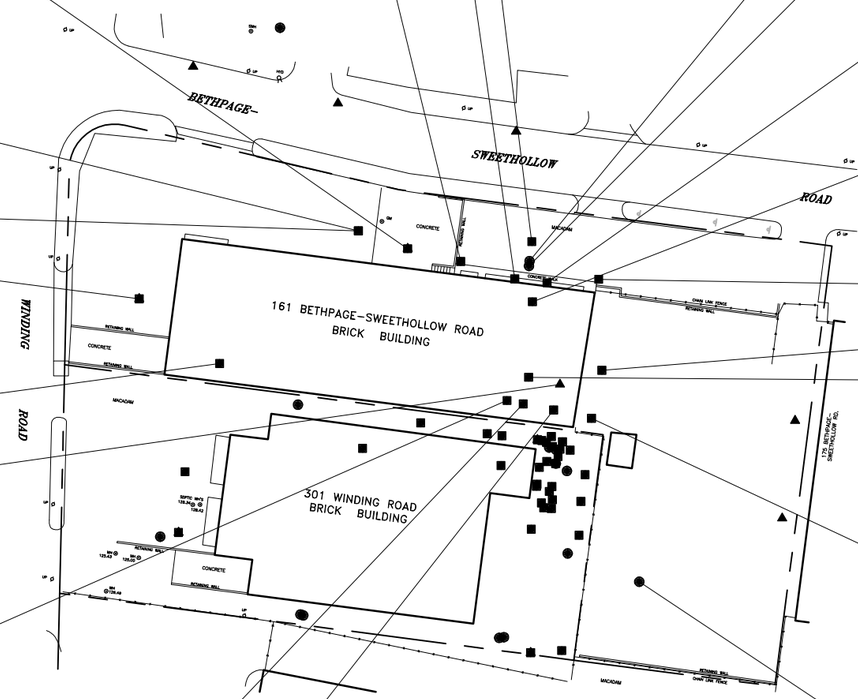
161N-4	03/14/12
	161N-4-15
Depth (ft)	15
All six results	5.4 ND

161E-1	03/14/12
	161E-1-19
Depth (ft)	19
All six results	5.6 ND

161-1	01/14/11	
	161-1-13	161-1-55.2
Depth (ft)	13	55.2
All six results	5.2 ND	4.9 ND

161-IDW	01/14/11
	161-IDW
Depth (ft)	6
All six results	5 ND

161-DB-2	03/16/11
	161-DB-2-22
Depth (ft)	22
Five results	6.2 ND
TCE	5.6 J



N

GROUNDWATER FLOW

161-INT-S	03/19/12
	161-INT-S-24
Depth (ft)	24
All six results	5.2 ND

LEGEND

- MONITORING WELL
- TEMP. GROUNDWATER POINT
- SOIL BORING

161-INT-SW	03/19/12
	161-INT-SW-24
Depth (ft)	24
Five results	4.6 ND
TCE	1.7 J

161-DB-3	03/16/11
	161-DB-3-22
Depth (ft)	22
Five results	7.5 ND
TCE	3.6 J

161-DB-1	03/16/11
	161-DB-1-23
Depth (ft)	23
1,1,1-TCA	6.6 ND
cis-1,2-DCE	7.3
PCE	37
TCE	***1000 D***
Toluene	6.6 ND
Xylene (Total)	6.6 ND

DB-MW-3N	01/14/11		
	DB-MW-3N-24.5	DB-MW-3N-30.5	DB-MW-3N-43
Depth (ft)	24.5	30.5	43
Four results	5.3 ND	5.6 ND	4.9 ND
PCE	1.9 J	5.6 ND	4.9 ND
TCE	12	5.6 ND	4.9 ND

MW-161-2	04/26/11		
	MW-161-2-55	MW-161-2-94	MW-161-2-120
Depth (ft)	55	94	120
All six results	5.5 ND	5.4 ND	5.3 ND

Notes

Result units:	µg/kg	micrograms per kilogram	Criteria
Abbreviations:	1,1,1-TCA	1) 1,1,1-Trichloroethane	680
	cis-1,2-DCE	2) cis-1,2-Dichloroethene	250
	PCE	3) Tetrachloroethene	1300
	TCE	4) Trichloroethene	470
		5) Toluene	700
		6) Xylene (Total)	260
	ND	not detected	
	NDJ	not detected; estimated value	
	D	value from secondary dilution analysis	
	J	estimated value	
	B	also detected in associated method blank	

Criteria: 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

Bold/italic/underlined value in table is exceedance of applicable criteria

0 100 200

SCALE IN FEET

HDR

Hennigson, Durham & Richardson, Architecture and Engineering, P.C., in Association with HDR Engineering, Inc.

Soil Sample Results
161 Bethpage-Sweethollow Road
Chlorinated VOCs, Toluene and Xylene
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
6a

301-INT-W	03/07/12			
	301-INT-W-30	**301-INT-W-40**	**301-INT-W-44**	**301-INT-W-56**
Depth (ft)	30	40	44	56
Five results	4.8 ND	4.6 ND	4.9 ND	5.4 ND
TCE	4.8 ND	4.6 ND	4.9 ND	2.9 J

301-2W	01/11/11
	301-2W-12.5
Depth (ft)	12.5
All six results	5.4 ND

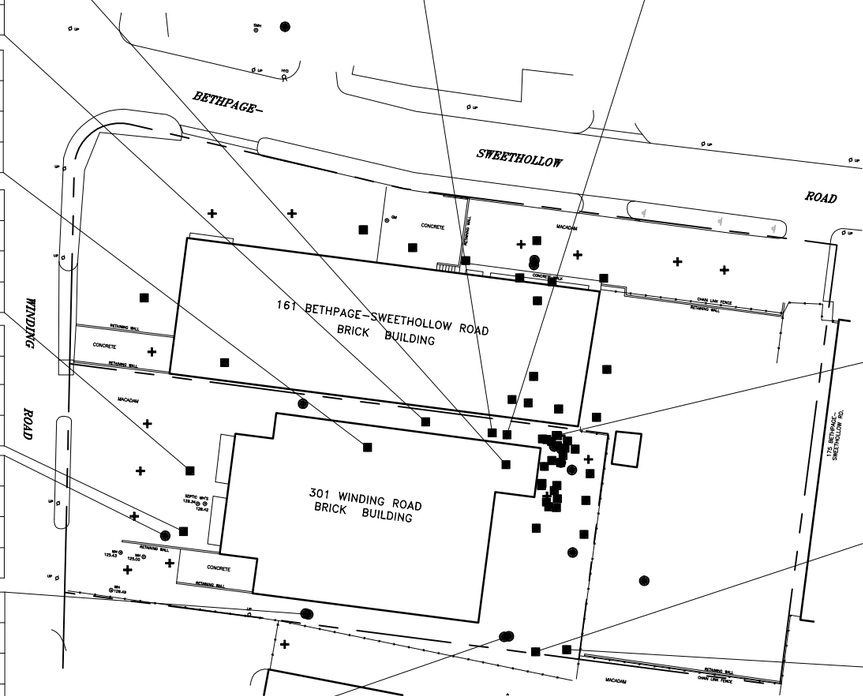
301-DB-1	03/16/11
	301-DB-1-17
Depth (ft)	17
1,1,1-TCA	6.5 ND
cis-1,2-DCE	15
PCE	36
TCE	180
Toluene	6.5 ND
Xylene (Total)	6.5 ND

301-DB2-NW	03/06/12	
	301-DB2-NW-50	**301-DB2-NW-56**
Depth (ft)	50	56
All six results	5.1 ND	4.9 ND

301-INT-W2	03/07/12	
	301-INT-W2-34	**301-INT-W2-56**
Depth (ft)	34	56
All six results	5.3 ND	4.9 ND

301-CP1	01/11/11
	301-CP1-10.5
Depth (ft)	10.5
All six results	5.1 ND

301-CP2	01/17/11
	301-CP2-17
Depth (ft)	17
All six results	5.6 ND



301-DB-2	03/16/11
	301-DB-2-18
Depth (ft)	18
1,1,1-TCA	***3000 J***
cis-1,2-DCE	8300 ND
PCE	***13000***
TCE	***1000000 D***
Toluene	***4200 J***
Xylene (Total)	8300 ND

301-7	01/12/11
	301-7-11
Depth (ft)	11
Five results	5.6 ND
PCE	1.2 J

301-8	01/11/11
	301-8-7.5
Depth (ft)	7.5
All six results	5.6 ND

MW-301-4	04/20/11				
	MW-301-4-29	**MW-301-4-55**	**MW-301-4-65**	**MW-301-4-89**	**MW-301-4-119**
Depth (ft)	29	55	65	89	119
All six results	5 ND	5.5 ND	5.7 ND	5.5 ND	5.5 ND

MW-301-3	04/18/11		
	MW-301-3-64	**MW-301-3-89**	**MW-301-3-119**
Depth (ft)	64	89	119
All six results	6 ND	6 ND	6.5 ND

MW-301-2	04/08/11					
	MW-301-2-9	**MW-301-2-25**	**MW-301-2-39**	**MW-301-2-75**	**MW-301-2-80**	**MW-301-2-123**
Depth (ft)	9	25	39	75	80	123
Five results	5.8 ND	5.3 ND	5.1 ND	5.4 ND	6 ND	5.3 ND
cis-1,2-DCE	1.4 NDJ	5.3 ND	5.1 ND	5.4 ND	6 ND	5.3 ND

Notes

Result units:	µg/kg	micrograms per kilogram	Criteria
Abbreviations:	1,1,1-TCA	1) 1,1,1-Trichloroethane	680
	cis-1,2-DCE	2) cis-1,2-Dichloroethene	250
	PCE	3) Tetrachloroethene	1300
	TCE	4) Trichloroethene	470
		5) Toluene	700
		6) Xylene (Total)	260
	ND	not detected	
	NDJ	not detected; estimated value	
	D	value from secondary dilution analysis	
	J	estimated value	
	B	also detected in associated method blank	

Criteria: 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

Bold/italic/underlined value in table is exceedance of applicable criteria

GROUNDWATER FLOW

N

LEGEND

- MONITORING WELL
- SOIL BORING
- DRYWELL

0 100 200

SCALE IN FEET

HDR

Henningson, Durham & Richardson, Architecture and Engineering, P.C. in Association with HDR Engineering, Inc.

Soil Sample Results
301 Winding Road
Chlorinated VOCs, Toluene and Xylene
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
6b

ALC-MW-3SE	01/19/11
	ALC-MW-3SE-16
Depth (ft)	16
1,1,1-TCA	1600 ND
cis-1,2-DCE	1600 ND
PCE	1100 J
TCE	***28000***
Toluene	230 J
Xylene (Total)	1600 ND

DB-301-2E	01/21/11	
	DB-301-2E-18	**DB-301-2E-38**
Depth (ft)	18	38
1,1,1-TCA	130 J	4.9 ND
cis-1,2-DCE	***1000***	4.9 ND
PCE	***1500***	4.9 ND
TCE	***430000 D***	2.2 B
Toluene	***800***	4.9 ND
Xylene (Total)	410 ND	4.9 ND

ALC-MW-3W	01/21/11
	ALC-MW-3W-17
Depth (ft)	17
1,1,1-TCA	190 J
cis-1,2-DCE	***910***
PCE	***2900***
TCE	***380000 D***
Toluene	***1100***
Xylene (Total)	400 ND

301-2E	01/11/11
	301-2E-11.5
Depth (ft)	11.5
All six results	5.7 ND

DW-7	05/31/12
	DW-7-053112
Depth (ft)	3.5
1,1,1-TCA	7.1 ND
cis-1,2-DCE	34
PCE	2 J
TCE	29
Toluene	14
Xylene (Total)	7.1 ND

MW-301-1-SI	04/04/11	4/6/2011
	MW-301-1-14	**MW-301-1-94**
Depth (ft)	14	94
1,1,1-TCA	5.3 ND	5.7 ND
cis-1,2-DCE	5.3 ND	5.7 ND
PCE	3.4 J	5.7 ND
TCE	5.4	5.7 ND
Toluene	5.3 ND	5.7 ND
Xylene (Total)	1.4 J	5.7 ND

ALC-MW-3NE	01/19/11
	ALC-MW-3NE-18
Depth (ft)	18
1,1,1-TCA	3700 ND
cis-1,2-DCE	3700 ND
PCE	3700 ND
TCE	***600000 D***
Toluene	***2200 J***
Xylene (Total)	3700 ND

N

GROUNDWATER FLOW

ALC-MW-3E	01/19/11	
	ALC-MW-3E-17	**ALC-MW-3E-38**
Depth (ft)	17	38
1,1,1-TCA	3800 ND	5.2 ND
cis-1,2-DCE	3800 ND	5.2 ND
PCE	***4500***	5.2 ND
TCE	***140000***	1.5 B
Toluene	***1300 J***	5.2 ND
Xylene (Total)	3800 ND	5.2 ND

ALC-MW3-SO	01/19/11		
	ALC-MW3-SO-18	**ALC-MW3-SO-33**	**ALC-MW3-SO-44**
Depth (ft)	18	33	44
1,1,1-TCA	4000 ND	5.4 ND	5.1 ND
cis-1,2-DCE	4000 ND	5.4 ND	5.1 ND
PCE	***13000***	5.4 ND	5.1 ND
TCE	***950000 D***	3.9 B	2.3 B
Toluene	***3200 J***	5.4 ND	5.1 ND
Xylene (Total)	4000 ND	5.4 ND	5.1 ND

DB-MW-3E	01/19/11
	DB-MW-3E-17.5
Depth (ft)	17.5
1,1,1-TCA	380 ND
cis-1,2-DCE	380 ND
PCE	290 J
TCE	***1600***
Toluene	39 J
Xylene (Total)	380 ND

MW-301-1-D	04/06/11
	MW-301-1-114
Depth (ft)	114
All six results	5.3 ND

DB-ALC-MW-3S	01/21/11
	DB-ALC-MW-3S-17
Depth (ft)	17
1,1,1-TCA	410 ND
cis-1,2-DCE	***410 J***
PCE	***3600***
TCE	***6700***
Toluene	220 J
Xylene (Total)	***430***

301-DB-3	03/16/11
	301-DB-3-17
Depth (ft)	17
1,1,1-TCA	220 J
cis-1,2-DCE	***520 J***
PCE	***3300***
TCE	***32000***
Toluene	680 J
Xylene (Total)	***450 J***

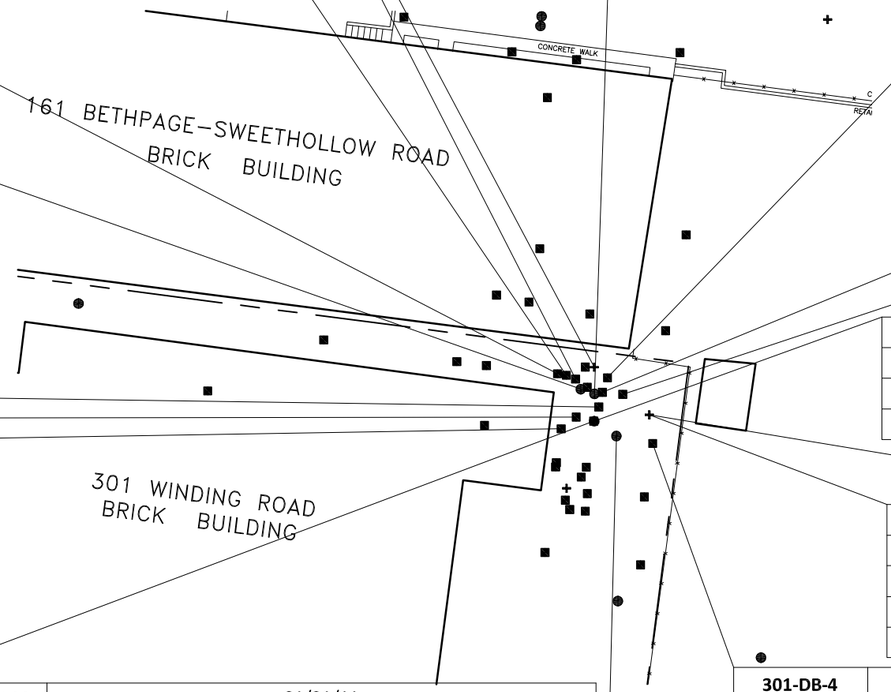
DW-8	08/30/12
	DW-8-083012
Depth (ft)	14
Five results	11 ND
Toluene	8.3 J

DB-DW-8	01/21/11
	DB-DW-8-15
Depth (ft)	15
1,1,1-TCA	4 J
cis-1,2-DCE	1.9 J
PCE	3.4 J
TCE	***560 D***
Toluene	2.5 B
Xylene (Total)	5.9 ND

301-DB-4	03/17/11
	301-DB-4-18
Depth (ft)	18
Five results	5.5 ND
TCE	19

DB-ALC-MW-3SE	01/21/11		
	DB-ALC-MW-3SE-14	**DB-ALC-MW-3SE-24**	**DB-ALC-MW-3SE-38**
Depth (ft)	14	24	38
1,1,1-TCA	220 J	5 ND	4.6 ND
cis-1,2-DCE	310 ND	5 ND	4.6 ND
PCE	***11000 D***	5 ND	4.6 ND
TCE	***39000 D***	2.4 B	1.5 B
Toluene	***1400***	5 ND	4.6 ND
Xylene (Total)	***1800***	5 ND	4.6 ND

MW-301-1-VD	05/10/12	
	MW-301-1-VD-26	**MW-301-1-VD-185**
Depth (ft)	26	185
All six results	5.1 ND	6.1 ND



LEGEND

- ● MONITORING WELL
- ■ SOIL BORING
- \+ DRYWELL

0 50 100

SCALE IN FEET

Notes

Result units:	µg/kg	micrograms per kilogram	Criteria
Abbreviations:	1,1,1-TCA	1) 1,1,1-Trichloroethane	680
	cis-1,2-DCE	2) cis-1,2-Dichloroethene	250
	PCE	3) Tetrachloroethene	1300
	TCE	4) Trichloroethene	470
		5) Toluene	700
		6) Xylene (Total)	260
	ND	not detected	
	NDJ	not detected; estimated value	
	D	value from secondary dilution analysis	
	J	estimated value	
	B	also detected in associated method blank	

Criteria: 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

Bold/italic/underlined value in table is exceedance of applicable criteria

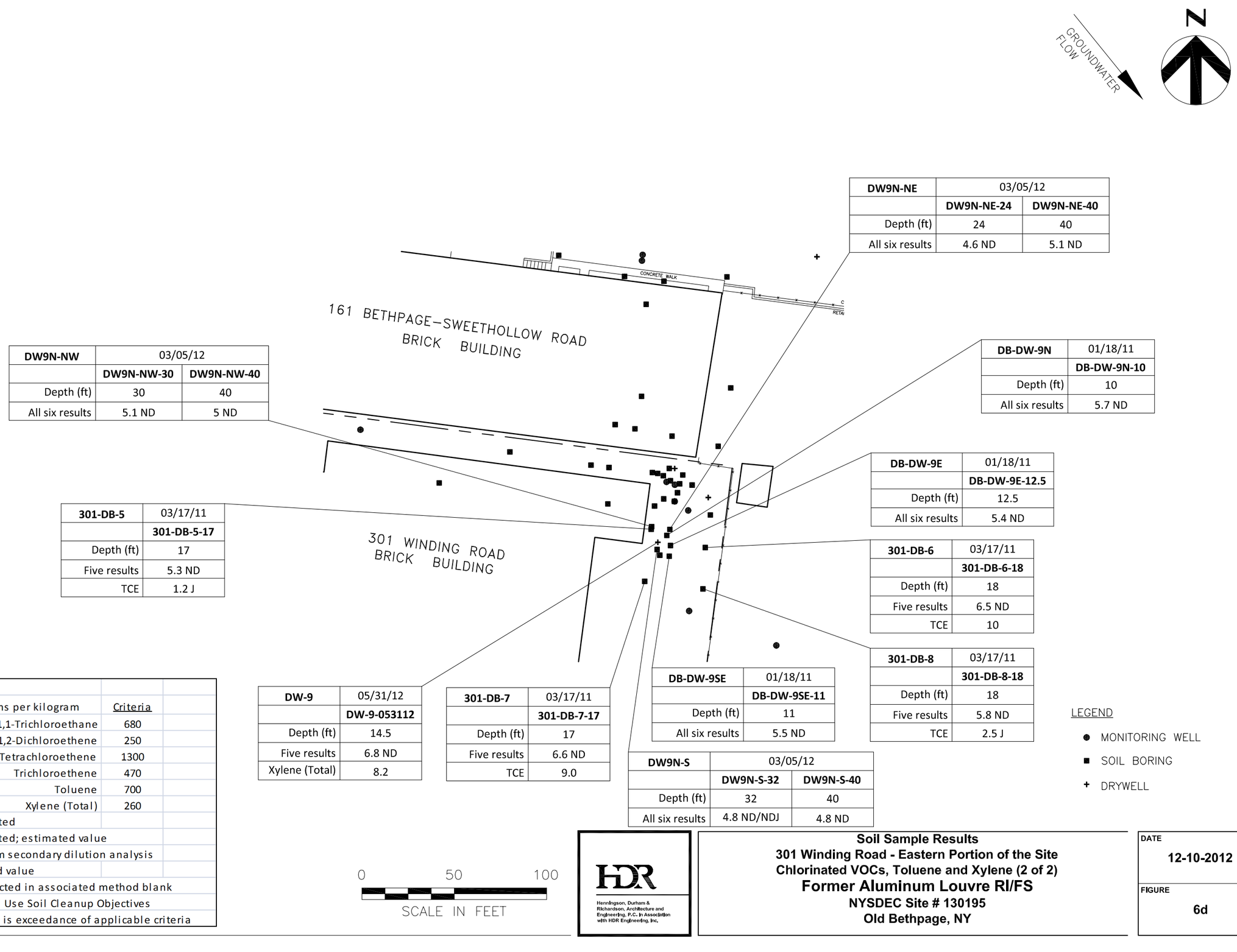
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Soil Sample Results
301 Winding Road - Eastern Portion of the Site
Chlorinated VOCs, Toluene and Xylene (1 of 2)
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
6c



DW9N-NE	03/05/12	
	DW9N-NE-24	DW9N-NE-40
Depth (ft)	24	40
All six results	4.6 ND	5.1 ND

DW9N-NW	03/05/12	
	DW9N-NW-30	DW9N-NW-40
Depth (ft)	30	40
All six results	5.1 ND	5 ND

DB-DW-9N	01/18/11
	DB-DW-9N-10
Depth (ft)	10
All six results	5.7 ND

DB-DW-9E	01/18/11
	DB-DW-9E-12.5
Depth (ft)	12.5
All six results	5.4 ND

301-DB-5	03/17/11
	301-DB-5-17
Depth (ft)	17
Five results	5.3 ND
TCE	1.2 J

301-DB-6	03/17/11
	301-DB-6-18
Depth (ft)	18
Five results	6.5 ND
TCE	10

301-DB-8	03/17/11
	301-DB-8-18
Depth (ft)	18
Five results	5.8 ND
TCE	2.5 J

DB-DW-9SE	01/18/11
	DB-DW-9SE-11
Depth (ft)	11
All six results	5.5 ND

DW-9	05/31/12
	DW-9-053112
Depth (ft)	14.5
Five results	6.8 ND
Xylene (Total)	8.2

301-DB-7	03/17/11
	301-DB-7-17
Depth (ft)	17
Five results	6.6 ND
TCE	9.0

DW9N-S	03/05/12	
	DW9N-S-32	DW9N-S-40
Depth (ft)	32	40
All six results	4.8 ND/NDJ	4.8 ND

LEGEND

- ● MONITORING WELL
- ■ SOIL BORING
- \+ DRYWELL

Notes			
Result units:	µg/kg	micrograms per kilogram	Criteria
Abbreviations:	1,1,1-TCA	1) 1,1,1-Trichloroethane	680
	cis-1,2-DCE	2) cis-1,2-Dichloroethene	250
	PCE	3) Tetrachloroethene	1300
	TCE	4) Trichloroethene	470
		5) Toluene	700
		6) Xylene (Total)	260
	ND	not detected	
	NDJ	not detected; estimated value	
	D	value from secondary dilution analysis	
	J	estimated value	
	B	also detected in associated method blank	
Criteria: 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives			
Bold/italic/underlined value in table is exceedance of applicable criteria			

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Soil Sample Results
301 Winding Road - Eastern Portion of the Site
Chlorinated VOCs, Toluene and Xylene (2 of 2)
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
6d



GROUNDWATER FLOW

N

MW-195-1	05/14/12	
	MW-195-1-75	MW-195-1-92
Depth (ft)	75	92
All six results	5.6 ND	5.2 ND

MW-NEMF-3	06/04/12		
	MW-NEMF-3-72	MW-NEMF-3-92	MW-NEMF-3-116
Depth (ft)	72	92	116
All six results	5.1 ND	5.6 ND	5.4 ND

MW-NEMF-2	05/31/12			
	MW-NEMF-2-71	MW-NEMF-2-102	MW-NEMF-2-112	MW-NEMF-2-122
Depth (ft)	71	102	112	122
All six results	5.4 ND	6.1 ND	5.2 ND	5.9 ND

MW-NEMF-1	05/29/12		
	MW-NEMF-1-62	MW-NEMF-1-91	MW-NEMF-1-117
Depth (ft)	62	91	117
All six results	4.9 ND	6 ND	5.8 ND

LEGEND

● MONITORING WELL

0 100 200

SCALE IN FEET

Notes				
Result units:	µg/kg	micrograms per kilogram	Criteria	
Abbreviations:	1,1,1-TCA	1) 1,1,1-Trichloroethane	680	
	cis-1,2-DCE	2) cis-1,2-Dichloroethene	250	
	PCE	3) Tetrachloroethene	1300	
	TCE	4) Trichloroethene	470	
		5) Toluene	700	
		6) Xylene (Total)	260	
	ND	not detected		
	NDJ	not detected; estimated value		
	D	value from secondary dilution analysis		
	J	estimated value		
	B	also detected in associated method blank		
Criteria: 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives				
Bold/italic/underlined value in table is exceedance of applicable criteria				

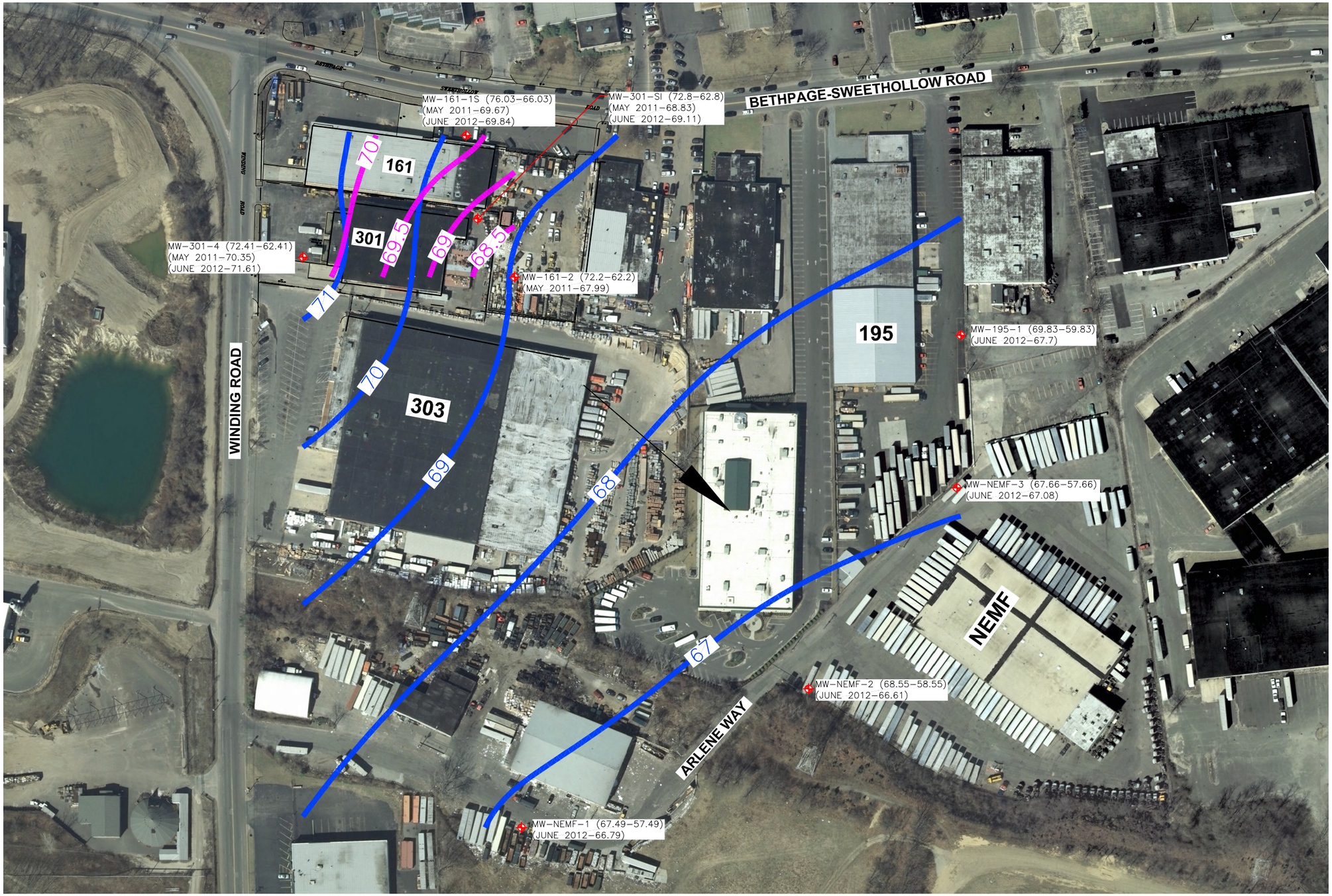
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Soil Sample Results From Off-Site Well Installation 2012
Chlorinated VOCs, Toluene and Xylene
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
6e



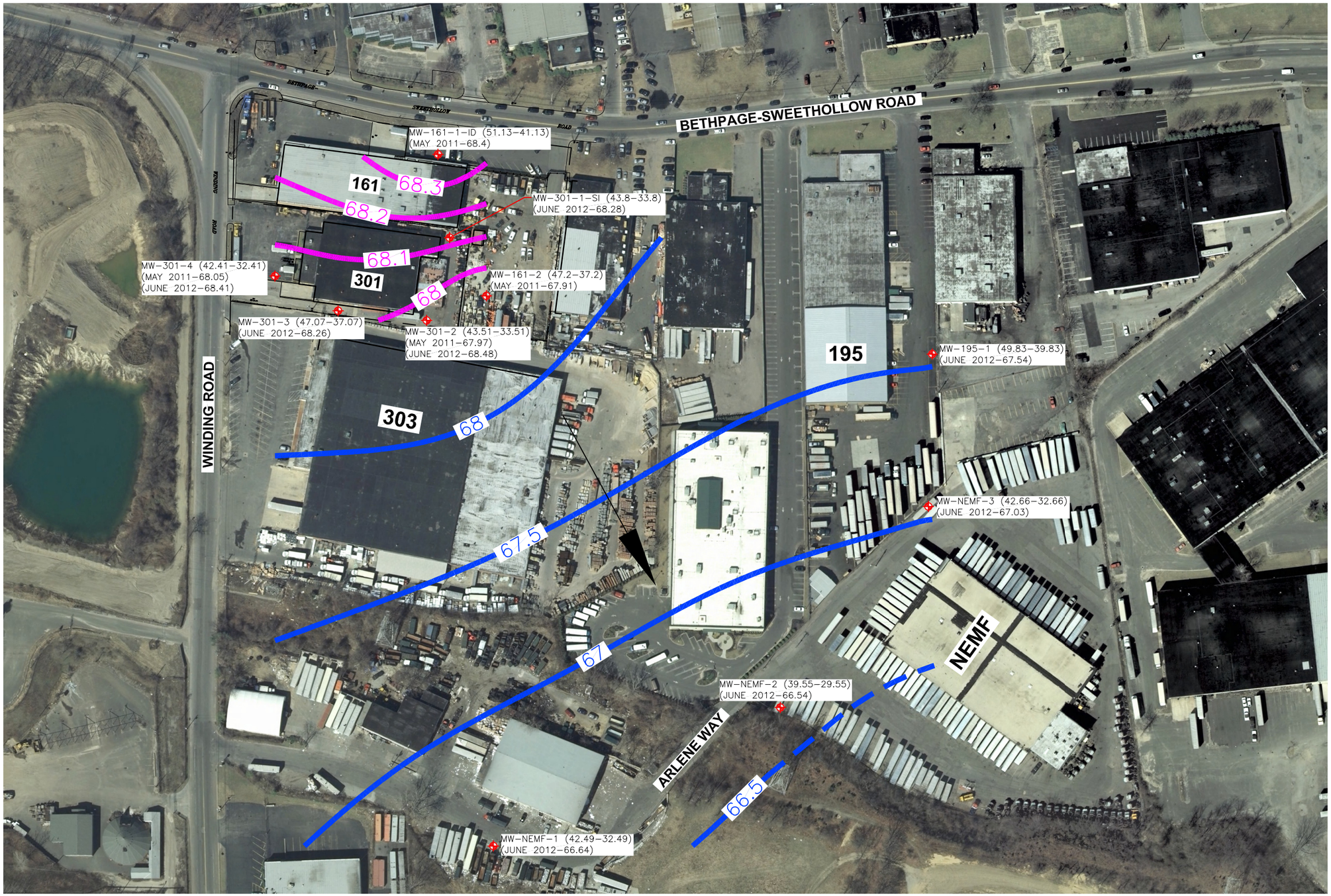
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Groundwater Elevations
Water Table Wells (May 2011 and June 2012)

Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
7a



N

LEGEND

69 MAY 2011

70 JUNE 2012

WELL LOCATION

GROUNDWATER FLOW DIRECTION

NOTE: CONTOURS DASHED WHERE INFERRED

WELL NAME — SCREEN ELEVATIONS (TOP-BOTTOM)

MW-301-1D (14.07-4.07)
(JUNE 2012-68.08)

DATE — WATER TABLE ELEVATION

DATUM: NAVD88

0 150 300

SCALE IN FEET

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Groundwater Elevations
Intermediate Depth Wells (May 2011 and June 2012)

Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
7b



N

LEGEND

- 69 — MAY 2011
- 70 — JUNE 2012
- WELL LOCATION
- GROUNDWATER FLOW DIRECTION

NOTE: CONTOURS DASHED WHERE INFERRED

WELL NAME — SCREEN ELEVATIONS (TOP-BOTTOM)
MW-301-1D (14.07-4.07)
(JUNE 2012-68.08)
DATE — WATER TABLE ELEVATION

DATUM: NAVD88

0 150 300

SCALE IN FEET

HDR

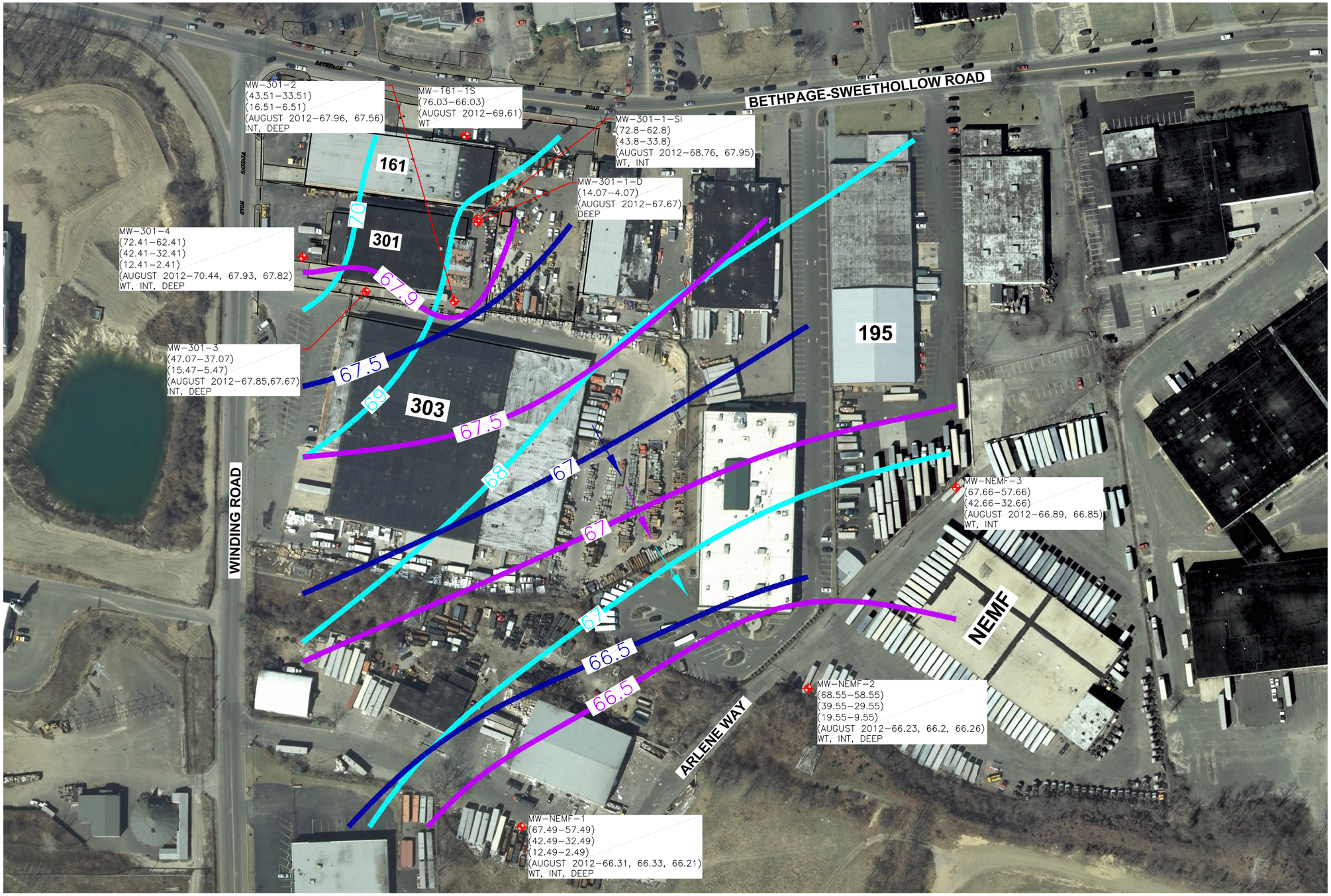
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Groundwater Elevations
Deep Depth Wells (May 2011 and June 2012)

Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
7c



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Groundwater Elevations
Water Table, Intermediate and Deep Depth Wells (August 2012)

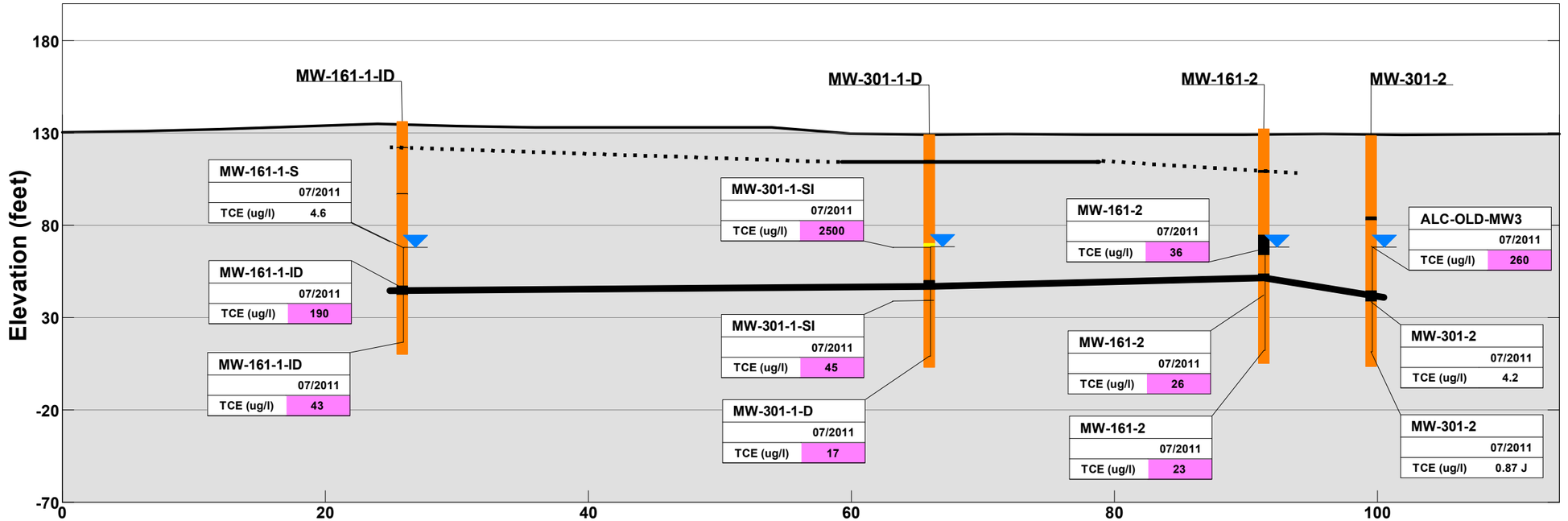
Former Aluminum Louvre RI/FS
NYSDEC Site # 130195
Old Bethpage, NY

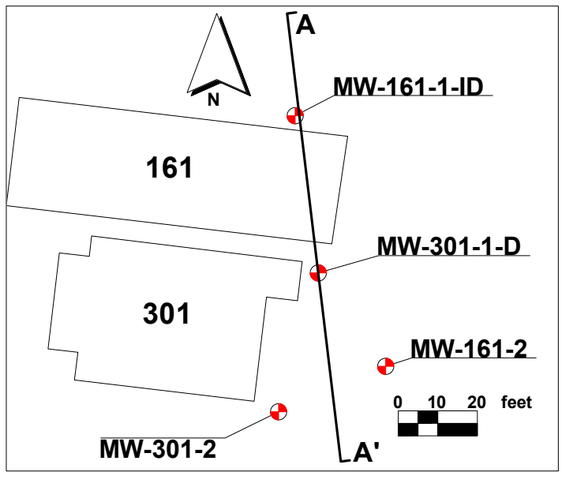
DATE
12-10-2012

FIGURE
7d

A

A'





Stratigraphy

- Sand
- Clay
- Silt

▼ water (ft)

Magothy Formation

TCE concentration 2500 exceeds GWQS of 5 ug/l

dashed where inferred

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Stratigraphic Cross Section
Deep Monitoring Wells

Former Aluminum Louvre RI/FS
NYSDEC Site #130195
Old Bethpage, NY

DATE
11-12-2012

FIGURE
8



March 2012 data - wells 160-TP, 161-TP-NE, 161-TP-S, 303-TP-E, 303-TP-N, 303-TP-SE
June 2012 data - wells MW-195-1, MW-NEMF-1, MW-NEMF-2, MW-NEMF-3
August 2012 data - wells MW-161-1, MW-301-1

Groundwater Standard for TCE - 5 ug/l
Red value - result exceeds standard

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Trichloroethene (TCE) Plume
Water Table Wells

Former Aluminum Louvre RI/FS
NYSDEC Site #130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
9



March 2012 data - wells 160-TP, 161-TP-NE, 161-TP-S, 303-TP-E, 303-TP-N, 303-TP-SE
June 2012 data - wells MW-195-1, MW-NEMF-1, MW-NEMF-2, MW-NEMF-3
August 2012 data - wells MW-161-1, MW-301-1

Groundwater Standard for TCE - 5 ug/l
Red value - result exceeds standard

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Trichloroethene (TCE) Plume
Intermediate Wells

Former Aluminum Louvre RI/FS
NYSDEC Site #130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
10



March 2012 data - wells 160-TP, 161-TP-NE, 161-TP-S, 303-TP-E, 303-TP-N, 303-TP-SE
June 2012 data - wells MW-195-1, MW-NEMF-1, MW-NEMF-2, MW-NEMF-3
August 2012 data - wells MW-161-1, MW-301-1

Groundwater Standard for TCE - 5 ug/l
Red value - result exceeds standard

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Trichloroethene (TCE) Plume
Deep Wells

Former Aluminum Louvre RI/FS
NYSDEC Site #130195
Old Bethpage, NY

DATE
12-10-2012

FIGURE
11