Periodic Review Report 2018

299 MAIN STREET
WESTBURY, NEW YORK
Site # 130043S

October 2018

Prepared for:
299 Main Street LLC &
19 Liberty, Ltd.
299 Main Street
Westbury, NY11590

Prepared by:

CA RICH Consultants, Inc.
17 Dupont Street
Plainview, NY 11803

June 22, 2018
Revised October 26, 2018

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
Bureau of Eastern Remedial Action
625 Broadway, 11th Floor
Albany, New York 12233-7015

Attention: Joseph Jones, Project Manager
Remedial Section A

Re: Periodic Review Report 2018
299 Main Street
Westbury, NY
Site # 130043S

Dear Mr. Jones:

Enclosed please find the Periodic Review Report for 2018 for the above-referenced location. This report has been revised to incorporate your comments and supersedes our earlier one dated June 22, 2018. If you have any questions pertaining to this report, please feel free to contact the undersigned.

Respectfully Submitted,

CA RICH Consultants, Inc.

Richard J. Izzo, PG, CPG
Vice President

cc:
Alex Holuka

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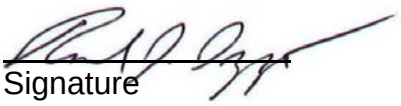
CERTIFICATION

This certification is made on behalf of 299 Main Street, LLC for the property located at 299 Main Street in North Hempstead, New York (hereinafter referred to as the "Site") Site #130043S.

For each institutional control identified for the site, I certify that all of the following statements are true:

(a) the institutional controls employed at this site are unchanged from the date the control was put in place, or last approved by DER;
(b) nothing has occurred that would impair the ability of such control to protect public health and the environment;
(c) nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;
(d) access to the site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control;

NY State Professional Geologist No. 000501	10/26/18	
QEP Certification	Date	Signature

Stamp

EXECUTIVE SUMMARY

The following Periodic Review Report (PRR) has been prepared by CA RICH Consultants, Inc. (CA RICH) on behalf of 299 Main Street, LLC and 19 Liberty, Ltd. (the Owners) for property located at 299 Main Street in North Hempstead, New York (hereinafter referred to as "Site"). This document was prepared in accordance with the Site Management Plan dated August 2015 for Site #130043S.

The site is located in the Village of Westbury, Town of North Hempstead, County of Nassau, New York and is identified as Block 144 and Lot 34-46 on the Town of North Hempstead, County of Nassau Tax Map. The site is an approximately 0.689-acre area bounded by a salvage yard to the north, Main Street to the south, Hopper Street to the east, and Garden Street to the west. The site was initially developed around 1956 with a single-story, steel frame, masonry building.

The site has been used for light industrial applications, including automotive repair, automotive storage, automotive sales, automotive salvage and bulk petroleum transportation. Former occupants include Mid-Island Transit, Crestwood Bus Service, Asphalt Petroleum, Island Transportation Corp., Frank's Used Auto, Jarrid Limo Service, Sam-Ton Salvage, Scibelli Automotive and One Stop Auto & Truck Center (COLE, 1971-1999). Island Transportation Corp. has been identified as having been a RCRA hazardous waste generator (NYD0205766898) and the site has also been listed on Petroleum Spill Logs for the release of waste oil, anti-freeze, and other unknown petroleum products to the ground surface due to poor housekeeping practices.

The site is listed in the NCDH Industrial Chemical Survey. The survey, completed in 1977, indicated that the former occupant Island Transportation Corp. used 80 gallons of trichloroethane (TCA) per year. The TCE was used to coat the inside of bituminous asphalt cement tank trucks on the east side of the site. A United States Geological Survey (USGS) topographical quadrangle map illustrating the Site location is enclosed as Figure 1. A Site Plan is enclosed as Figure 2. The Site is currently used as offices, warehouse space, a machine shop and exterior materials/vehicle storage yard for Padilla Construction Services Inc.

A Final Focused Remedial Investigation (RI) was conducted at the Site in 2000 by Impact Environmental (Ref. 1). The RI identified five areas of concern: Underground Injection Well (UIW) "drywell" located north of eastern garage bay, Underground Storage Tanks (USTs), easternmost Interior abandoned vehicle service pit, westernmost interior abandoned vehicle service pit, and soil vapor.

Remedial action was performed at the Site from 2002 through 2011 including:

1. Removal of underground storage tanks and removal/disposal of associated petroleum-impacted soils;
2. Remediation of former underground injection well and former service pits with excavation and removal/disposal of associated impacted soils;
3. Installation and operation of a soil vapor extraction (SVE) system for the in-situ treatment of on-site soils impacted by halogenated and aromatic volatile organic compounds.
4. Execution and recording of an Environmental Easement to restrict land use to commercial and industrial use and prevent future exposure to any contamination remaining at the site through the prohibition of on-site groundwater usage without proper treatment and prior NYSDEC approval.
5. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional Controls, (2) reporting;

1.0 INTRODUCTION

The following PRR has been prepared by CA RICH Consultants, Inc. (CA RICH) on behalf of 299 Main Street, LLC and 19 Liberty, Ltd. for the property located at 299 Main Street in North Hempstead, New York (hereinafter referred to as "Site"). This document was prepared in accordance with the Site Management Plan dated August 2015.

1.1 Site Description

The site is located in the Village of Westbury, Town of North Hempstead, County of Nassau, New York and is identified as Block 144 and Lot 34-46 on the Town of North Hempstead, County of Nassau Tax Map. The site is an approximately 0.689-acre area bounded by a salvage yard to the north, Main Street to the south, Hopper Street to the east, and Garden Street to the west. The Site is located in an area consisting of commercial and industrial use.

1.2 Current Site Usage

The Site is currently used as offices, warehouse space, a machine shop and exterior materials/vehicle storage yard for Padilla Construction Services Inc.

2.0 SITE HISTORY

The site was initially developed around 1956 with a single-story, steel frame, masonry building. The site has been used for light industrial applications, including automotive repair, automotive storage, automotive sales, automotive salvage and bulk petroleum transportation. Former occupants include Mid-Island Transit, Crestwood Bus Service, Asphalt Petroeum, Island Transportation Corp., Frank's Used Auto, Jarrid Limo Service, Sam-Ton Salvage, Scibelli Automotive and One Stop Auto & Truck Center (COLE, 1971-1999). Island Transportation Corp. has been identified as having been a RCRA hazardous waste generator (NYD0205766898) and the site has also been listed on Petroleum Spill Logs for the release of waste oil, anti-freeze, and other unknown petroleum products to the ground surface due to poor housekeeping practices. The site is listed in the NCDH Industrial Chemical Survey. The survey, completed in 1977, indicated that the former occupant Island Transportation Corp. used 80 gallons of trichloroethane (TCA) per year. The TCE was used to coat the inside of bituminous asphalt cement tank trucks on the east side of the site.

Records on file with the Town of North Hempstead Assessors Office indicated the following ownership history:

1956 - Micheal Polezzo and Frank Scappatura, subsequently transferred to Frank Scappy Associates, Inc. f/k/a FSR Realty Group.

1977 - Frank Scappy Associates, Inc. f/k/a FSR Realty Group - Frank Scappatura.

1994 - Frank Scappatura, 2632 Realty Development Corp.

1996 - 2632 Realty Development Corp. – Nicolia Industries.

1998 - Nicolia Industries - 2632 Realty Development Corp.

The following documents summarize previous investigations conducted at this Site and should be used as references:

REF. 1: Final Focused Remedial Investigation Report; prepared by Impact Environmental, September 2000.

REF. 2: Final Draft Interim Remedial Measures Work Plan; prepared by Impact Environmental, April 2002.

REF. 3: Interim Remedial Measures Report - Part A; prepared by CA RICH Consultants, Inc. June 16, 2006.

REF. 4: Interim Remedial Measures Report - Part B; Final Engineering Report and Operations, Maintenance & Monitoring Plan for the On-site Soil Vapor Extraction System; prepared by CA RICH Consultants, Inc., September 13, 2007.

REF. 5: Final Summary Report – Onsite Sanitary System Cleanout and Abandonment; prepared by CA RICH Consultants, Inc., July 8, 2008.

As part of the IRM activities completed at the site, the following mechanical equipment associated with SVE system was installed aboveground and inside the SVE system equipment room: a 55-gallon soil vapor moisture knock-out drum, a regenerative vacuum blower, two 180-gallon carbon drums, an electrical panel box and all associated 2-inch PVC pipework, valves and fittings. This

system was operated from 2007 through 2011. In 2012, the agreed-upon termination criteria were met, residual soil VOC contamination was reduced to levels below Part 375 unrestricted SCOs and the system was shut down decommissioned following receipt of NYSDEC approval. In addition, samples of the raw air effluent (prior to treatment) were collected via SUMMA canister and analyzed periodically from May 2006 through May 2011. The trend of total VOC concentration over time is illustrated on Figure 4. The associated data tables are included in Appendix D .

The below ground equipment located in the eastern rear area of the yard that is associated with SVE system include: four soil vapor extraction wells and associated manway access vaults installed flush to grade, two soil vapor monitoring points and associated protective curb boxes, and all associated 2-inch PVC pipework, valves and fittings.

Three groundwater monitoring wells were installed on the site. Groundwater monitoring was performed on the site on a quarterly basis until 2011. As of the recent inspection associated with this PRR on June 20, 2018, all three wells have been inadvertently destroyed. The former location of the groundwater monitoring wells is illustrated in Figure 2.

Soil

As described in the FRI report (Ref. 1), soil samples were collected to characterize the nature and extent of contamination. The soil samples were collected using the Geoprobe® sampling methodology. The majority of soil contamination detected on-site was identified at depths greater than twelve feet below the ground surface near the three abandoned underground storage tanks and the underground injection well formerly connected to the wash bay on the eastern side of the building. These areas are illustrated as “Point Source” locations PS-1 and PS-5 and were impacted with chlorinated organic compounds along with gasoline and diesel related compounds and some metals (beryllium, cadmium, copper, nickel vanadium and zinc).

Groundwater

As described in the FRI report (Ref. 1), groundwater samples were collected to characterize the nature and extent of on-site groundwater contamination. The groundwater samples were collected using the Geoprobe® sampling methodology. Groundwater flow direction across the site was confirmed to flow in a southwesterly direction. The FRI identified that impact to groundwater was limited to chlorinated organic compounds and BTEX.

The completion of the FRI demonstrated and concluded the point pollution sources for chlorinated organic solvents identified under the scope of the FRI had not impacted the environmental quality of groundwater. This was demonstrated by the following facts obtained through the completion of the FRI.

- Based upon information compiled in the Site Background Study and Site Visit aspect of the FRI, there was no direct evidence that chlorinated organic solvents were ever discharged to the site via a point pollution source;
- The soil beneath point pollution sources PS-2, PS-3, and PS-4 were tested and found to contain nominal concentrations of chlorinated target analytes (below applicable SCGs);
- The soil beneath point pollution source PS-1 was tested and found to contain concentrations of chlorinated target analytes above applicable SCGs. However, it was found that the concentrations were below applicable SCGs at 30 and 45 feet below ground surface;
- Groundwater beneath each point pollution source was tested and found free of any detectable concentrations of chlorinated organic target analytes.

The completion of the FRI demonstrated and concluded that groundwater downgradient of point pollution source PS-5 and non-point pollution source PS-8 was impacted with gasoline related target analytes (BTEX). An on-site groundwater monitoring program was initiated in May 2009 and included quarterly monitoring of the existing monitoring wells MW-1, MW-2 and MW-3 (see Figure 2) for two years. The results of the groundwater monitoring program are summarized on Table 1, and indicate that while low levels of some VOCs remain in underlying groundwater, no further action is warranted.

Site-Related Soil Vapor Intrusion

Based upon the results of the FRI which indicated VOC contamination at depths greater than twelve feet below the ground surface in soil associated with the abandoned underground storage tanks (PS-5) and the UIW (PS-1), these areas were targeted for remediation through soil removal and the installation and full-time operation of a SVE system to remediate residual VOCs and SVOCs in these exterior areas at the site. Therefore, a soil vapor intrusion study was not conducted at the site.

Underground Storage Tanks

During the FRI, a total of three underground storage tanks were identified on the site. This included an approximate 8,500-gallon gasoline tank, one 1,000-gallon fuel oil tank and one 550-gallon waste oil tank. The tanks are identified as pollution source PS-5. There were also two empty and out-of-service 275-gallon aboveground storage tanks located behind the site building.

The removal of the 8,500-gallon gasoline tank occurred without incident and there was no evidence of contamination. The representative from NCDH authorized the backfilling of the tank excavation. However, during the removal of the fuel and waste oil tanks petroleum impacted soil was encountered. NYSDEC Region I Stony Brook offices were notified and spill number 04-25135 was generated. The tank excavation was advanced until the surrounding soil appeared visually clean. The south sidewall abutting the building and the bottom of the excavation was advanced as far as could be without compromising the footing and wall of the building before excavation endpoint soil samples were collected from four sidewalls and bottom. The excavation was then backfilled with clean imported sand to stabilize the building. Approximately 135 tons of impacted soil was characterized as a non-hazardous petroleum contaminated solid waste and was transported to Clean Earth of Philadelphia, Inc.

Excavation endpoint sample results indicated some residual petroleum-related volatile organic compounds remained in soils at the bottom and south sidewall of the excavation. Further remediation of this area of the Site was successfully accomplished through the installation and successful operation of the soil vapor extraction (SVE) points. Operation of this system from 2006-2011 remediated the residual contamination at PS-5 to meet Part 375 unrestricted SCOs. The locations of the remedial actions and final end-point sample results are summarized on Table 2 and Figure 3.

3.0 SUMMARY OF REMEDIAL ACTION

The site was remediated in accordance with the NYSDEC-approved Interim Remedial Measure Work Plan dated April, 2002 (Ref.2). Based upon the IRM activities and previous investigations performed at this Site, the environmental contaminants of concern fall within two classes of Volatile Organic Compounds (VOCs):

Aromatic Hydrocarbons; with indicator compounds that include:

1,2,4-Trimethylbenzene	Xylenes (m&p)	Ethylbenzene
1,3,5-Trimethylbenzene	Xylenes (o)	n-Heptane
Benzene	Toluene	n-Hexane

Halogenated VOCs; with indicator compounds that include:

1,1,1-Trichloroethane (1,1,1-TCA)	Trichloroethene (TCE)
1,1-Dichloroethane (1,1-DCA)	cis 1,2-Dichloroethene
1,1-Dichloroethene (1,1-DCE)	trans 1,2-Dichloroethene
Tetrachloroethene (PCE)	

The following is a summary of the Remedial Actions performed at the site:

6. Removal of underground storage tanks and removal/disposal of associated petroleum-impacted soils;
7. Remediation of former underground injection well and former service pits with excavation and removal/disposal of associated impacted soils;
8. Installation and operation of a soil vapor extraction (SVE) system for the in-situ treatment of on-site soils impacted by halogenated and aromatic volatile organic compounds;
9. Execution and recording of an Environmental Easement to restrict land use to commercial and industrial use and prevent future exposure to any contamination remaining at the site through the prohibition of on-site groundwater usage without proper treatment and prior NYSDEC approval;
10. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional Controls, (2) reporting;

Remedial activities were completed at the site in June 2011.

4.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

The SMP requires inspections of all systems installed at the Site at least triennially. In addition, a comprehensive Site-wide inspection is required to be completed triennially. Additional inspections in the event of an emergency, such as a natural disaster are also required. The information gathered during the inspection is reported in the following sections.

4.1 Site-wide Inspection

The site-wide inspection was conducted on June 20, 2018 by Richard J. Izzo, PG (a QEP as per NYSDEC DER-10 Section 1.3(b) 49)) of CA RICH. Mr. Alex Holuka (representing the Property Owners) accompanied Mr. Izzo on the inspection.

No additional site-wide inspections were conducted as there were no emergencies. Select photographs of the Site during the inspection are enclosed as Appendix A. The site-wide inspection form is enclosed in Appendix B.

4.2 Engineering Controls

There are currently no active engineering controls in place at the Site. A soil vapor extraction system (SVES) was installed and operated at the site from 2006 through 2011. The SVES was deactivated and decommissioned in 2012 following achievement of the termination criteria and receipt of NYSDEC approval.

5.0 INSTITUTIONAL AND ENGINEERING CONTROL (I & EC) PLAN COMPLIANCE REPORT

5.1 Institutional Controls

A series of Institutional Controls (ICs) were required at the Site to: (1) implement, maintain and monitor Engineering Control Systems; (2) prevent future exposure to residual contamination by controlling disturbances of the subsurface contamination; (3) restrict the use of the Site to residential/commercial uses only. Adherence to these ICs on the Site is required under the Environmental Easement and is implemented under the SMP. The ICs are:

- (1) The Controlled Property may be used for:
  Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv);

- (2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

- (3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

- (4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Nassau County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

- (5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

- (6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

- (7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

- (8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

- (9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

- (l0) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

The environmental easement on this property is enforceable in perpetuity and is the mechanism that will be used to continually implement, maintain, monitor, and enforce such specified controls both by the owner and the owner's successors and assigns, and by State or local governments.

5.2 Engineering Controls

There are currently no active engineering controls in place at the site. A soil vapor extraction system (SVES) was installed and operated at the site from 2006 through 2011. The SVES was deactivated and decommissioned in 2012 following achievement of the termination criteria and receipt of NYSDEC approval.

5.3 Certification

The annual certification for the Site consists of a completed NYSDEC IC/EC Certification Form for Site#130043S. The completed IC/EC Certification Form was signed on June 20, 2018 and is enclosed as Appendix C. The annual certification was prepared in accordance with the SMP and has been certified by Mr. Alex Holuka representing 299 Main Street, LLC; and Richard J. Izzo, PG of CA RICH, a Qualified Environmental Professional as defined in NYSDEC DER-10, Section 1.3(b) 49.

6.0 MONITORING PLAN COMPLIANCE REPORT

6.1 Groundwater Monitoring

Groundwater monitoring activities to assess natural attenuation were performed on a quarterly basis for a period of two years from 2009 through 2011. Although low levels of VOCs were observed, concentrations were found to be asymptotic at an acceptable level and permission to discontinue was granted by the NYSDEC.

7.0 OPERATION & MAINTENANCE PLAN COMPLIANCE REPORT

7.1 Soil Vapor Extraction (SVE)

A multi-point SVE system was installed on-site and operated from 2006 through 2011. In 2012, the agreed-upon termination criteria were met, residual soil VOC contamination was reduced to levels below Part 375 unrestricted SCOs and the system was shut down.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The overall objective of the remedial action was to remediate environmental conditions at the Site to the satisfaction of the NYSDEC and NYSDOH for the future commercial/industrial use. As documented in the SMP, the results of the remedial activities conducted at the Site indicate that the identified areas of concern were satisfactorily addressed.

Based on the evaluation of the inspection and monitoring data, the following has been concluded:

- ICs were in place, and remain effective;
- The monitoring plan was properly implemented;
- Operation and maintenance activities were conducted properly;
- The remedy continues to be protective of public health and the environment and compliant with the decision document for the Site.

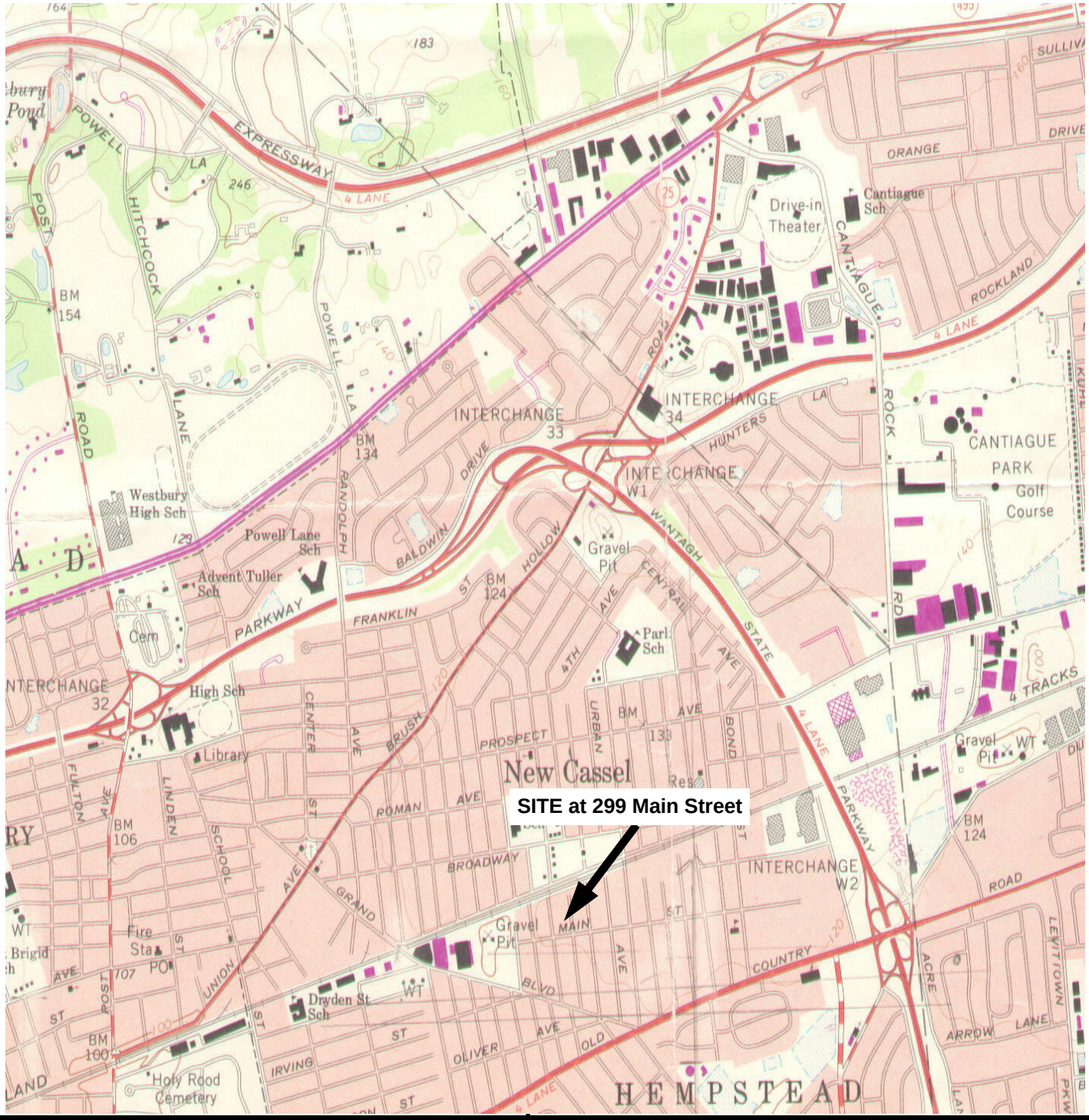
Based on the above conclusions, the following is recommended:

- The next Periodic Review Report should be submitted by July 2021.

9.0 REFERENCES

1. Final Focused Remedial Investigation Report; prepared by Impact Environmental, September 2000.
2. Final Draft Interim Remedial Measures Work Plan; prepared by Impact Environmental, April 2002.
3. Interim Remedial Measures Report - Part A; prepared by CA RICH Consultants, Inc. June 16, 2006.
4. Interim Remedial Measures Report - Part B; Final Engineering Report and Operations, Maintenance & Monitoring Plan for the On-site Soil Vapor Extraction System; prepared by CA RICH Consultants, Inc., September 13, 2007.
5. Final Summary Report – Onsite Sanitary System Cleanout and Abandonment; prepared by CA RICH Consultants, Inc., July 8, 2008.
6. Site Management Plan; prepared by CA RICH Consultants, Inc. August 2015.

FIGURES



APPROX. SCALE (ft.)

0 24,000 48,000

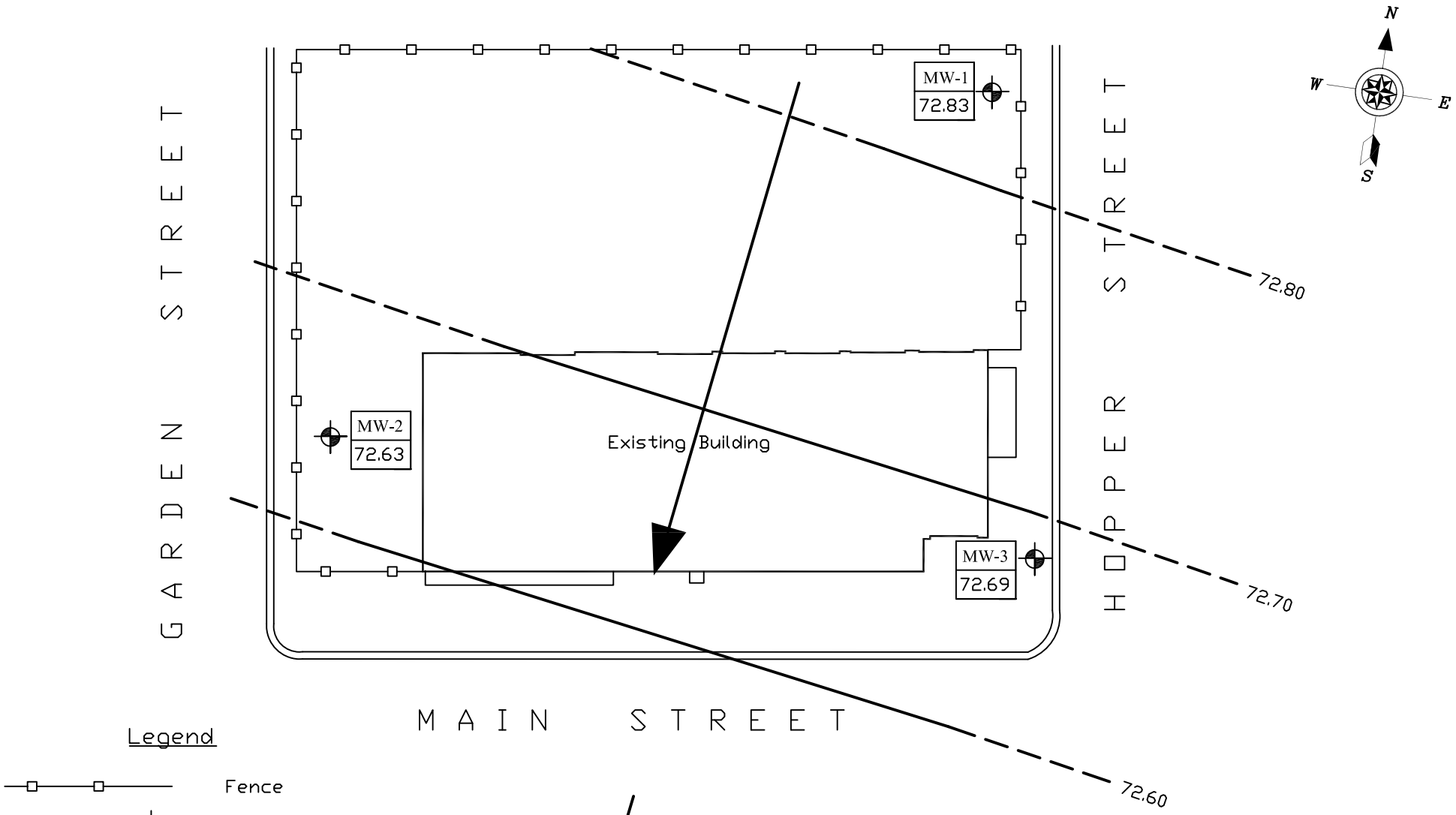
N

Adapted from USGS 1967-1979 (photorevised) Hicksville Quadrangle Map.

CA RICH CONSULTANTS, INC.

Certified Ground Water and Environmental Specialists
17 Dupont Street, Plainview, NY 11803

TITLE: **SITE LOCATION MAP**	DATE: **6/8/06**
	SCALE: **AS SHOWN**
DRAWING: **1**	**299 Main Street Westbury, New York 11590**
	DRAWN BY: **SS**
	APPR. BY: **EAW**



Legend

Fence

Existing Monitoring Well

MW-2 / 72.63 — Monitoring Well I.D. & Groundwater Elevation In Feet Above Mean Sea Level

72.60 — Groundwater Elevation Contour In Feet Above Mean Sea Level (dashed where inferred)

General Groundwater Flow Direction

0 20 40 60 80 100

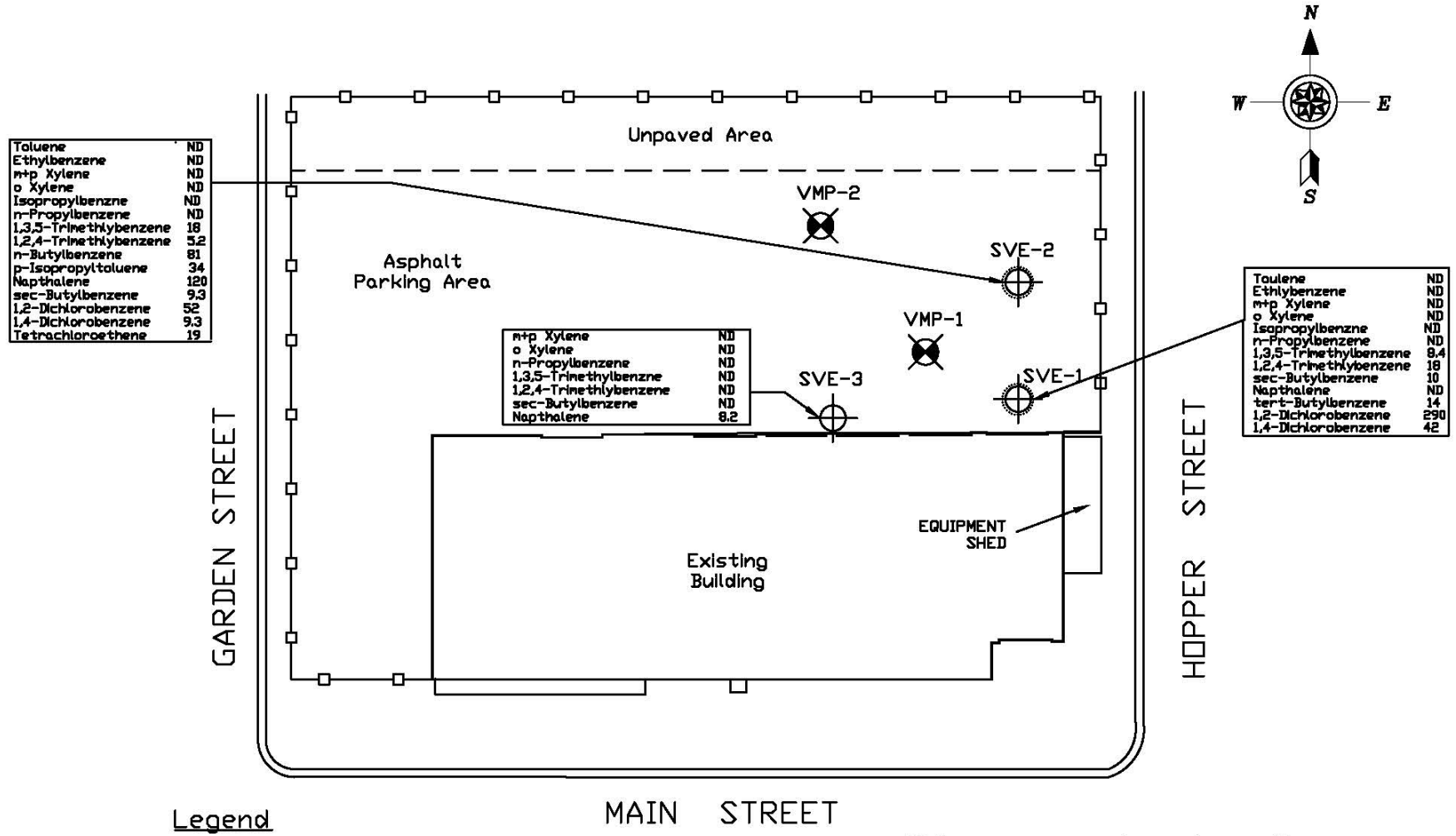
Scale in Feet

CA RICH CONSULTANTS, INC.

Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: Groundwater Contour Map December 9, 2008	DATE: 3/9/2009
	SCALE: As Shown
FIGURE: 2	DRAWN BY: J.T.C.
DWG NO. 2009-1	APPR. BY: S.T.S.

299 MAIN STREET
WESTBURY, NEW YORK



Legend

SOIL VAPOR EXTRACTION (SVE) WELL

FORMER DRY WELL LOCATION

VACUUM MONITORING POINT

0 20 40 60 80 100

Scale in Feet

All concentrations in ug/kg
ND = not detected above reportable detection limits

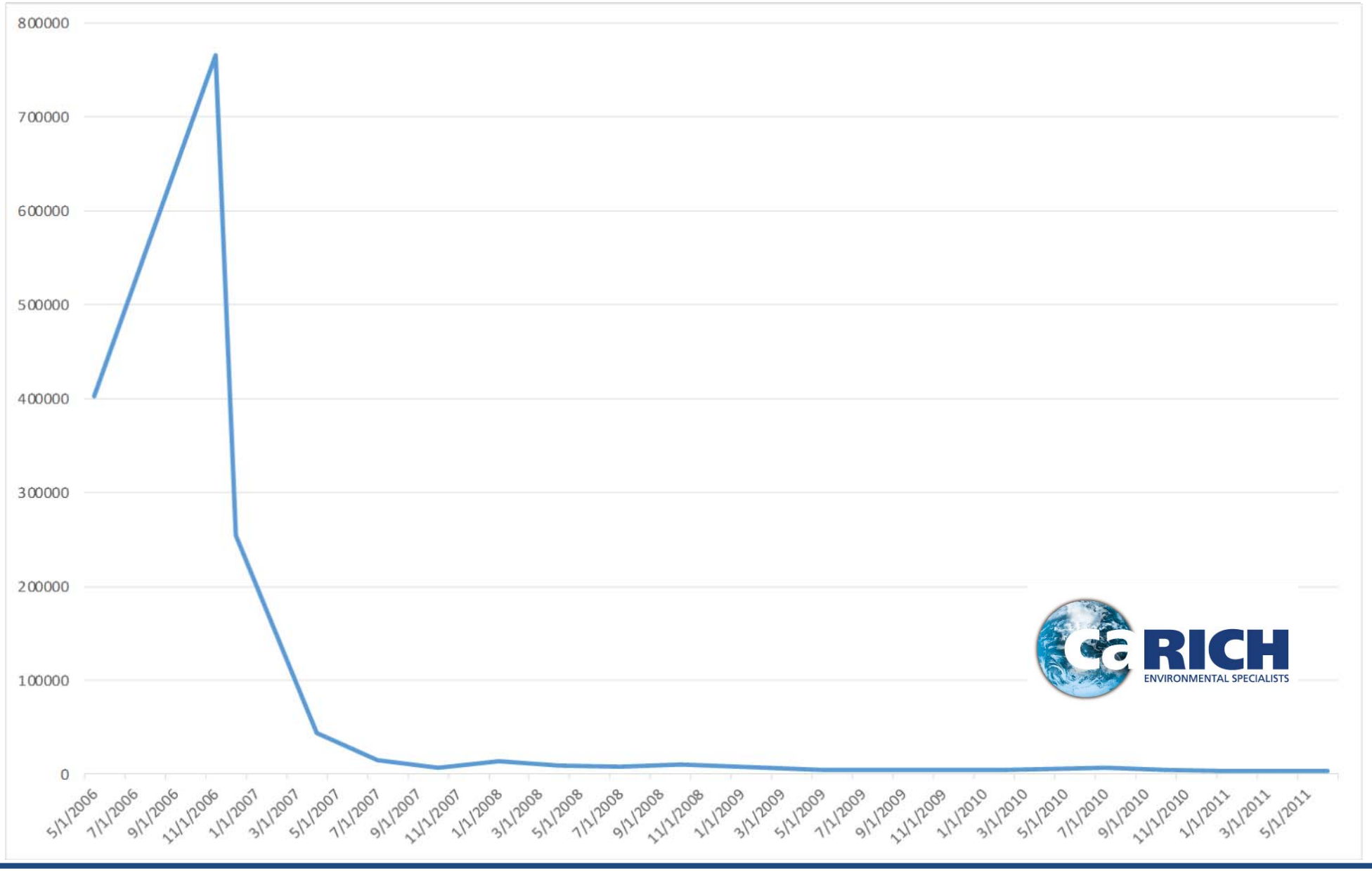
CA RICH CONSULTANTS, INC.

Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: SOILS MEETING UNRESTRICTED SCOS FOLLOWING OPERATION OF SVE SYSTEM		DATE: 8/11/15
		SCALE: As Shown
FIGURE: 3	299 MAIN STREET WESTBURY, NEW YORK	DRAWN BY: H.R.
DWG NO. 2007-5A		APPR. BY: R.I.

FIGURE 4

Concentrations Trend of Total VOCs in SVE Raw Air Samples
299 Main Street, Westbury, NY



TABLES

Table 1

Historical Summary of Groundwater Samples
MW-1
299 Main Street
Westbury, New York
NYSDEC Site # 1-30-043S

Sample ID	**MW-1**	**MW-1**	**MW-1**	**MW-1**	**NYSDEC (1)**
Matrix	Groundwater	Groundwater	Groundwater	Groundwater	Drinking Water
Date Sampled	5/12/2009	1/22/2010	7/23/2010	3/29/2011	Standard TOGS
Volatile Organic Compounds (USEPA Method 8260)					
Parameters	µg/L	µg/L	µg/L	µg/L	µg/L
MTBE	ND	ND	ND	ND	10
Benzene	ND	ND	ND	ND	1
Toluene	ND	ND	ND	ND	5
Ethyl Benzene	ND	ND	ND	ND	5
m + p Xylene	ND	ND	ND	ND	5
o Xylene	ND	ND	ND	ND	5
Isopropylbenzene	ND	ND	ND	ND	5
n-Propylbenzene	ND	ND	ND	ND	5
1,3,5-Trimethylbenzene	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	ND	ND	ND	ND	5
p-Isopropyltoluene	ND	ND	ND	ND	5
n-Butylbenzene	ND	ND	ND	ND	5
Naphthalene	ND	ND	ND	ND	10
sec-Butylbenzene	ND	ND	ND	ND	5
tert-Butylbenzene	ND	ND	ND	ND	5
2-Chlorotoluene	ND	ND	ND	ND	5
1,2-Dichlorobenzene	ND	ND	ND	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	3
p-Ethyltoluene	ND	ND	ND	ND	NS
1,2,4,5-Tetramethylbenzene	ND	ND	ND	ND	5
Acetone	ND	ND	ND	ND	50
Tetrachloroethene	ND	ND	ND	ND	5
Trichloroethene	ND	ND	ND	ND	5

Notes:
All concentrations reported in ug/L (parts per billion).
ND - Not Detected above laboratory detection limits.
NS - No Standard.
(1) NYSDEC Division of Water TOG Series (1.1.1) Ambient Water Quality Standards and Guidance Values; June 1998.

Table 1 (Cont'd.)

Historical Summary of Groundwater Samples
MW-2
299 Main Street
Westbury, New York
NYSDEC Site # 1-30-043S

Sample ID	**MW-2**	**MW-2**	**MW-2**	**MW-2**	**NYSDEC (1)**
Matrix	Groundwater	Groundwater	Groundwater	Groundwater	Drinking Water
Date Sampled	5/12/2009	1/22/2010	7/23/2010	3/29/2011	Standard TOGS
Volatile Organic Compounds (USEPA Method 8260)					
Parameters	µg/L	µg/L	µg/L	µg/L	µg/L
MTBE	ND	ND	ND	ND	10
Benzene	ND	ND	ND	ND	1
Toluene	ND	ND	ND	ND	5
Ethyl Benzene	ND	ND	ND	ND	5
m + p Xylene	ND	ND	ND	ND	5
o Xylene	ND	ND	ND	ND	5
Isopropylbenzene	ND	ND	ND	ND	5
n-Propylbenzene	ND	ND	ND	ND	5
1,3,5-Trimethylbenzene	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	ND	ND	ND	ND	5
p-Isopropyltoluene	ND	ND	ND	ND	5
n-Butylbenzene	ND	ND	ND	ND	5
Naphthalene	ND	ND	ND	ND	10
sec-Butylbenzene	ND	ND	ND	ND	5
tert-Butylbenzene	ND	ND	ND	ND	5
2-Chlorotoluene	ND	ND	ND	ND	5
1,2-Dichlorobenzene	ND	ND	ND	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	3
p-Ethyltoluene	ND	ND	ND	ND	NS
1,2,4,5-Tetramethylbenzene	ND	ND	ND	ND	5
Acetone	ND	ND	ND	ND	50
Tetrachloroethene	4	2	4	3	5
Trichloroethene	ND	ND	ND	ND	5

Notes:
All concentrations reported in ug/L (parts per billion).
ND - Not Detected above laboratory detection limits.
NS - No Standard.
(1) NYSDEC Division of Water TOG Series (1.1.1) Ambient Water Quality Standards and Guidance Values; June 1998.

Table 1 (Cont'd.)

Historical Summary of Groundwater Samples
MW-3
299 Main Street
Westbury, New York
NYSDEC Site # 1-30-043S

Sample ID	**MW-3**	**MW-3**	**MW-3**	**MW-3**	**NYSDEC (1)**
Matrix	Groundwater	Groundwater	Groundwater	Groundwater	Drinking Water
Date Sampled	5/12/2009	1/22/2010	7/23/2010	3/29/2011	Standard TOGS
Volatile Organic Compounds (USEPA Method 8260)					
Parameters	µg/L	µg/L	µg/L	µg/L	µg/L
MTBE	ND	ND	ND	ND	10
Benzene	ND	ND	ND	ND	1
Toluene	ND	ND	ND	ND	5
Ethyl Benzene	ND	ND	ND	ND	5
m + p Xylene	ND	ND	ND	ND	5
o Xylene	ND	ND	ND	ND	5
Isopropylbenzene	ND	ND	ND	ND	5
n-Propylbenzene	ND	ND	ND	ND	5
1,3,5-Trimethylbenzene	ND	ND	ND	ND	5
1,2,4-Trimethylbenzene	ND	ND	ND	ND	5
p-Isopropyltoluene	ND	ND	ND	ND	5
n-Butylbenzene	ND	ND	ND	ND	5
Naphthalene	ND	ND	ND	ND	10
sec-Butylbenzene	ND	ND	ND	ND	5
tert-Butylbenzene	ND	ND	ND	ND	5
2-Chlorotoluene	ND	ND	ND	ND	5
1,2-Dichlorobenzene	ND	ND	ND	ND	3
1,4-Dichlorobenzene	ND	ND	ND	ND	3
p-Ethyltoluene	ND	ND	ND	ND	NS
1,2,4,5-Tetramethylbenzene	ND	ND	ND	ND	5
Acetone	ND	ND	ND	ND	50
Tetrachloroethene	8	5	6	9	5
Trichloroethene	3	ND	1	ND	5

Notes:
All concentrations reported in ug/L (parts per billion).
ND - Not Detected above laboratory detection limits.
NS - No Standard.
(1) NYSDEC Division of Water TOG Series (1.1.1) Ambient Water Quality Standards and Guidance Values; June 1998.

Table 2

Summary of Soil Samples at SVE -1

299 Main Street
Westbury, New York
NYSDEC Site # 1-30-043S

Sample ID	**SV-1 (35-40')**	**SV-1 (40-45')**	**SV-1 (45-47')**	**SV-1 (Xft)**	**NYSDEC (1)**	**NYSDEC (1)**	**NYSDEC (2)**	**NYSDEC (1)**
Location	SV-1	SV-1	SV-1	SV-1(45-48') Dup	6NYCRR Part 375	6NYCRR Part 375	TAGM #4046	6NYCRR Part 375
Matrix	Soil	Soil	Soil	Soil	Restricted Use	Restricted Use	Guidance	Unrestricted Use
Date Sampled	6/8/2011	6/8/2011	6/8/2011	6/8/2011	Industrial	Protection of Groundwater	Value	Soil Cleanup Objectives
Volatile Organic Compounds (USEPA Method 8260)								
Parameters	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	ug/Kg	ug/Kg
MTBE	ND	ND	ND	ND	1,000,000	930	120	930
Benzene	ND	ND	ND	ND	89,000	60	60	60
Toluene	ND	ND	ND	ND	1,000,000	700	1,500	700
Ethyl Benzene	ND	ND	ND	ND	780,000	100	5,500	1,000
m + p Xylene	ND	ND	ND	ND	1,000,000	1,600	1,200	260
o Xylene	ND	ND	ND	ND	1,000,000	1,600	600	260
Isopropylbenzene	ND	ND	ND	ND	NS	NS	2,300	NS
n-Propylbenzene	ND	ND	ND	ND	1,000,000	3,900	3,700	3,900
1,3,5-Trimethylbenzene	ND	ND	ND	8.4	380,000	8,400	3,300	8,400
1,2,4-Trimethylbenzene	ND	6.3	9.6	18	380,000	3,600	10,000	3,600
p-Isopropyltoluene	ND	130	ND	ND	NS	NS	10,000	NS
n-Butylbenzene	ND	ND	ND	ND	1,000,000	1,200	10,000	12,000
Naphthalene	ND	ND	ND	ND	1,000,000	12	13,000	NS
sec-Butylbenzene	ND	10	ND	ND	1,000,000	11,000	10,000	11,000
tert-Butylbenzene	ND	14	ND	ND	1,000,000	5,900	10,000	5,900
2-Chlorotoluene	ND	ND	ND	ND	NS	NS	NS	NS
1,2-Dichlorobenzene	ND	290	ND	ND	1,000,000	1,100	7,900	1,100
1,4-Dichlorobenzene	ND	42	ND	ND	250,000	1,800	8,500	1,800
p-Ethyltoluene	ND	20	ND	ND	NS	NS	NS	NS
1,2,4,5-Tetramethylbenzene	ND	110	340	390	NS	NS	NS	NS
Acetone	ND	ND	ND	ND	1,000,000	50	200	50
Tetrachloroethene	ND	ND	ND	ND	300,000	1,300	1,400	1,300

Notes:
All concentrations reported in ug/Kg (parts per billion).
ND - Not Detected above laboratory detection limits.
NS - No Standard.
(1) NYSDEC 6 NYCRR Part 375: Environmental Remediation Programs; 12/14/2006.
(2) NYSDEC Technical and Administrative Guidance Memorandum #4046: Determination of Cleanup Objectives and Cleanup Levels; 1/24/94.

Table 2 (cont'd)

Summary of Soil Samples at SVE -2

299 Main Street
Westbury, New York
NYSDEC Site # 1-30-043S

Sample ID	**SV-2 (30-35')**	**SV-2 (35-40')**	**SV-2 (40-45')**	**SV-2 (45-50')**	**NYSDEC (1)**	**NYSDEC (1)**	**NYSDEC (2)**	**NYSDEC (1)**
Location	SV-2	SV-2	SV-2	SV-2	6NYCRR Part 375	6NYCRR Part 375	TAGM #4046	6NYCRR Part 375
Matrix	Soil	Soil	Soil	Soil	Restricted Use	Restricted Use	Guidance	Unrestricted Use
Date Sampled	5/12/2009	5/12/2009	5/12/2009	5/12/2009	Industrial	Protection of Groundwater	Value	Soil Cleanup Objectives
Volatile Organic Compounds (USEPA Method 8260)								
Parameters	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	ug/Kg	ug/Kg
MTBE	ND	ND	ND	ND	1,000,000	930	120	930
Benzene	ND	ND	ND	ND	89,000	60	60	60
Toluene	ND	ND	ND	ND	1,000,000	700	1,500	700
Ethyl Benzene	ND	ND	ND	ND	780,000	100	5,500	1,000
m + p Xylene	ND	ND	ND	ND	1,000,000	1,600	1,200	260
o Xylene	ND	ND	ND	ND	1,000,000	1,600	600	260
Isopropylbenzene	ND	ND	ND	ND	NS	NS	2,300	NS
n-Propylbenzene	ND	ND	ND	ND	1,000,000	3,900	3,700	3,900
1,3,5-Trimethylbenzene	ND	ND	ND	18	380,000	8,400	3,300	8,400
1,2,4-Trimethylbenzene	ND	ND	ND	5.2	380,000	3,600	10,000	3,600
p-Isopropyltoluene	ND	ND	ND	34	NS	NS	10,000	NS
n-Butylbenzene	ND	ND	ND	81	1,000,000	1,200	10,000	12,000
Naphthalene	ND	ND	ND	120	1,000,000	12	13,000	NS
sec-Butylbenzene	ND	ND	ND	9.3	1,000,000	11,000	10,000	11,000
tert-Butylbenzene	ND	ND	ND	ND	1,000,000	5,900	10,000	5,900
2-Chlorotoluene	ND	ND	ND	ND	NS	NS	NS	NS
1,2-Dichlorobenzene	ND	ND	ND	52	1,000,000	1,100	7,900	1,100
1,4-Dichlorobenzene	ND	ND	ND	9.3	250,000	1,800	8,500	1,800
p-Ethyltoluene	ND	ND	ND	ND	NS	NS	NS	NS
1,2,4,5-Tetramethylbenzene	ND	ND	ND	800	NS	NS	NS	NS
Acetone	ND	ND	ND	ND	1,000,000	50	200	50
Tetrachloroethene	ND	ND	ND	19	300,000	1,300	1,400	1,300

Notes:
All concentrations reported in ug/Kg (parts per billion).
ND - Not Detected above laboratory detection limits.
NS - No Standard.
(1) NYSDEC 6 NYCRR Part 375: Environmental Remediation Programs; 12/14/2006.
(2) NYSDEC Technical and Administrative Guidance Memorandum #4046: Determination of Cleanup Objectives and Cleanup Levels; 1/24/94.

Table 2 (cont'd)

Summary of Soil Samples at SVE -3

299 Main Street
Westbury, New York
NYSDEC Site # 1-30-043S

Sample ID	**SV-3 (30-35')**	**SV-3 (35-40')**	**SV-3 (43-45')**	**SV-3 (45-48')**	**NYSDEC (1)**	**NYSDEC (1)**	**NYSDEC (2)**	**NYSDEC (1)**
Location	SV-3	SV-3	SV-3	SV-3	6NYCRR Part 375	6NYCRR Part 375	TAGM #4046	6NYCRR Part 375
Matrix	Soil	Soil	Soil	Soil	Restricted Use	Restricted Use	Guidance	Unrestricted Use
Date Sampled	5/13/2009	5/13/2009	5/13/2009	5/13/2009	Industrial	Protection of Groundwater	Value	Soil Cleanup Objectives
Volatile Organic Compounds (USEPA Method 8260)								
Parameters	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	ug/Kg	ug/Kg
MTBE	ND	ND	ND	ND	1,000,000	930	120	930
Benzene	ND	ND	ND	ND	89,000	60	60	60
Toluene	ND	ND	ND	ND	1,000,000	700	1,500	700
Ethyl Benzene	ND	ND	ND	ND	780,000	100	5,500	1,000
m + p Xylene	ND	ND	ND	ND	1,000,000	1,600	1,200	260
o Xylene	ND	ND	ND	ND	1,000,000	1,600	600	260
Isopropylbenzene	ND	ND	ND	ND	NS	NS	2,300	NS
n-Propylbenzene	ND	ND	ND	ND	1,000,000	3,900	3,700	3,900
1,3,5-Trimethylbenzene	ND	ND	ND	ND	380,000	8,400	3,300	8,400
1,2,4-Trimethylbenzene	ND	ND	ND	ND	380,000	3,600	10,000	3,600
p-Isopropyltoluene	ND	ND	ND	ND	NS	NS	10,000	NS
n-Butylbenzene	ND	ND	ND	ND	1,000,000	1,200	10,000	12,000
Naphthalene	ND	8.2	ND	ND	1,000,000	12	13,000	NS
sec-Butylbenzene	ND	ND	ND	ND	1,000,000	11,000	10,000	11,000
tert-Butylbenzene	ND	ND	ND	ND	1,000,000	5,900	10,000	5,900
2-Chlorotoluene	ND	ND	ND	ND	NS	NS	NS	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	1,000,000	1,100	7,900	1,100
1,4-Dichlorobenzene	ND	ND	ND	ND	250,000	1,800	8,500	1,800
p-Ethyltoluene	ND	ND	ND	ND	NS	NS	NS	NS
1,2,4,5-Tetramethylbenzene	ND	22	ND	ND	NS	NS	NS	NS
Acetone	ND	ND	ND	ND	1,000,000	50	200	50
Tetrachloroethene	ND	ND	ND	ND	300,000	1,300	1,400	1,300

Notes:
All concentrations reported in ug/Kg (parts per billion).
ND - Not Detected above laboratory detection limits.
NS - No Standard.
(1) NYSDEC 6 NYCRR Part 375: Environmental Remediation Programs; 12/14/2006.
(2) NYSDEC Technical and Administrative Guidance Memorandum #4046: Determination of Cleanup Objectives and Cleanup Levels; 1/24/94.

APPENDIX A

Selected Photographs

299 Main Street
Digital Photo Log
June 20, 2018 Inspection

Subject Property

APPENDIX B

Inspection & Monitoring Forms

Site-Wide Inspection Check List
299 Main Street
299 Main Street
Westbury, New York
BCP SITE #130043S

Compliances to be Addressed	Comments
Are all institutional controls, including Site usage in compliance?	Yes
What are the general Site conditions?	The Site is well maintained and in excellent condition
Are Site management activies being conducted including, confirmation sampling and a health and safety inspection?	Yes
Are all Site records up to date?	Yes
Does Site access remain available to maintain engineering controls?	Yes
Are all permits and schedules included in the Operation and Maintenance Plan in Compliance?	Yes

Inspector- Richard J. Izzo

Date/Time- June 20, 2018/12:00 PM

APPENDIX C

IC/EC Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **130043S**

Site Name 299 Main Street

Site Address: 299 Main Street Zip Code: 11590
City/Town: North Hempstead
County: Nassau
Site Acreage: 0.9

Reporting Period: **July 1, 2015 to June 30, 2018**

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs/ECs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

SITE NO. 130043S **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
11-144-37	299 Main St. LLC	Ground Water Use Restriction Monitoring Plan Site Management Plan O&M Plan

An Environmental Easement restricting use of groundwater at the site, groundwater and soil vapor monitoring plan, O&M plan for the SVE system and a site management plan

11-144-38	299 Main St. LLC	O&M Plan Monitoring Plan Site Management Plan Ground Water Use Restriction

An environmental easement restricting grounwater usage at the site, OM@M plan, groundwater and soil vapor monitoring plan and a site management plan

11-144-39	299 Main St. LLC	Ground Water Use Restriction Monitoring Plan Site Management Plan O&M Plan

An environmental easement restricting groundwater usage at the site, an OM&M plan for the SVE system, a groundwater and soil vapor monitoring plan, and a site management plan

11-144-40	299 Main St. LLC	Ground Water Use Restriction Monitoring Plan Site Management Plan O&M Plan

An environmental easement restricting groundwater usage at the property, , an O&M plan for the SVE system, a groundwater and soil vapor monitoring plan and a site management plan

11-144-41	299 Main St. LLC	Ground Water Use Restriction Monitoring Plan Site Management Plan O&M Plan

an environmental easement restricting groundwater usage at the site, O&M plan for the SVE system, groundwater and soil vapor monitoring plan and a site managemeent plan

11-144-42	299 Main St. LLC	Ground Water Use Restriction Monitoring Plan Site Management Plan O&M Plan

an environmental easement restricting groundwater usage at the site, an O&M plan for the SVE system, a Groundwater and soil vapor monitoring plan and a site management plan

11-144-43	299 Main St. LLC	Ground Water Use Restriction Monitoring Plan Site Management Plan O&M Plan

an environmetnal easement restricting groundwater usage at the property, a groundwater and soil vapor monitoring plan, an O&M plan for the SVE system, and a site management plan

11-144-44	299 Main St. LLC	

Monitoring Plan
O&M Plan
Ground Water Use Restriction
Site Management Plan

an envorinmental easement restricting gtroundwater usage at the property, and O&M plan for the sve system, a groundwater and soil vapor monitoring plan and a site management plan.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
11-144-37	Vapor Mitigation
soil vapor extraction	
11-144-38	Vapor Mitigation
SVE system	
11-144-39	Vapor Mitigation
SVE system	
11-144-40	Vapor Mitigation
SVE system	
11-144-41	Vapor Mitigation
SVE system	
11-144-42	Vapor Mitigation
SVE system	
11-144-43	Vapor Mitigation
An SVE system	
11-144-44	Vapor Mitigation
An sve system	

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since * the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

* note: the SVE system was deactivated and decommissioned in 2012 when the termination criteria were met, as approved by NYSDEC

IC CERTIFICATIONS
SITE NO. 130043S

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Alexander Holuka (print name) at 299 Main Street, Westbury, NY (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

6/20/18
Date

IC/EC CERTIFICATIONS

Box 7

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Richard J. Izzo, PG # 000501 (print name) at CA RICH Consultants, Inc. 17 Dupont St., Plainview, NY 11803 (print business address),

am certifying as a Qualified Environmental Professional for the Owner (Owner or Remedial Party)

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

6/21/18
Date

APPENDIX D

SVE Raw Air Sample Results

TABLE 1

Summary of Extracted Soil Vapor Samples
Soil Vapor Extraction System at 299 Main Street in Westbury, New York
NYSDEC Site # 1-30-043S

Sample ID	SVE-1PT	AS-11/1/06	AS-12/11/06	AS-4/30/07	AS-7/24/07	AS-10/17/07
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor
Location	Untreated	Untreated	Untreated	Untreated	Untreated	Untreated
Date Sampled	5/2/2006	11/1/2006	12/11/2006	4/30/2007	7/24/2007	10/17/2007
Comment	Pilot Test	Start-Up	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Volatile Organic Compounds (USEPA Method TO-15)						
Parameters	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
1,1 Dichloroethane	< 81	72.918	< 16.204	< 16.2	< 16.20	< 4.05
1,1 Dichloroethene	< 79	< 15.88	< 15.88	< 15.9	< 15.88	< 3.97
1,2 Dibromoethane	< 30	< 30.76	< 30.76	< 30.8	< 30.76	< 7.69
1,2 Dichlorobenzene (v)	< 120	842.24	1082.9	< 24.1	1443.80	< 6.02
1,2 Dichloroethane	< 81	< 16.204	< 16.204	< 16.2	< 16.20	< 4.05
1,2 Dichloropropane	< 92	< 18.496	< 18.496	< 18.5	< 18.50	< 4.62
1,2-Dichlorotetrafluoroethane	< 140	< 27.98	< 27.98	< 28.0	< 27.98	< 7
1,3 Butadiene	< 221	< 44.2	< 44.2	< 44.2	< 44.20	< 11.05
1,3 Dichlorobenzene (v)	< 120	< 24.064	< 24.064	< 24.1	< 24.06	< 6.02
1,4 Dichlorobenzene (v)	< 120	25.267	< 24.064	< 24.1	< 24.06	< 6.02
1,4-Dioxane	< 360	< 72.02	< 72.02	< 72.0	< 72.02	< 18.01
111 Trichloroethane	709	< 21.836	< 21.836	< 21.8	< 21.84	< 5.46
112 Trichloroethane	< 109	< 21.836	< 21.836	< 21.8	< 21.84	< 5.46
1122Tetrachloroethane	< 137	< 27.48	< 27.48	< 27.5	< 27.48	< 6.87
124-Trimethylbenzene	482	132813	88542	27546.0	18200.00	5902.8
135-Trimethylbenzene	787	59028	23119	14265.0	10822.00	3590.9
2,2,4-Trimethylpentane	210184	125955	5131.5	284.6	< 18.66	43.39
2-Hexanone	< 205	< 40.92	< 40.92	< 40.9	< 40.92	< 10.23
3-Chloropropene	< 157	< 31.31	< 31.31	< 31.3	< 31.31	< 7.83
Acetone	< 238	332.92	< 47.56	< 47.6	< 47.56	28.54
Acrylonitrile	< 217	< 43.38	< 43.38	< 43.4	< 43.38	< 10.85
Benzene	3163	1276.8	< 12.768	< 12.8	< 12.77	< 3.19
Benzyl Chloride	< 2589	< 518	< 518	< 518.0	< 518.00	< 129.5
Bromodichloromethane	< 134	< 26.52	< 26.52	< 26.5	< 26.52	< 6.63
Bromoform	< 207	< 41.4	< 41.4	< 41.4	< 41.40	< 10.35
Bromomethane	< 388	< 77.68	< 77.68	< 77.7	< 77.68	< 19.42
c-1,2-Dichloroethene	32908	8727.4	2538.9	2023.2	2895.90	1745.5
c-1,3Dichloropropene	< 91	< 18.168	< 18.168	< 18.2	< 18.17	< 4.54
Carbon disulfide	< 62	115.07	96.41	< 12.4	< 12.44	< 3.11
Carbon Tetrachloride	< 126	< 25.176	< 25.176	< 25.2	< 25.18	< 6.29
Chlorobenzene	< 92	< 18.432	< 18.432	< 18.4	< 18.43	< 4.61
Chlorodibromomethane	< 170	< 33.72	< 33.72	< 33.7	< 33.72	< 8.43
Chloroethane	< 528	< 105.6	< 105.6	< 105.6	< 105.60	< 26.4
Chloroform	< 98	< 19.48	< 19.48	< 19.5	< 19.48	< 4.87
Chloromethane	< 83	< 16.536	< 16.536	< 16.5	< 16.54	< 4.13
Cyclohexane	< 172	< 34.44	< 34.44	< 34.4	< 34.44	< 8.61
Dichlordifluoromethane	< 494	< 98.96	< 98.96	< 99.0	< 98.96	< 24.74
Ethyl Acetate	< 1802	< 360.1	< 360.1	< 360.1	< 360.10	< 90.03
Ethyl alcohol	< 377	< 75.32	< 75.32	< 75.3	< 75.32	< 18.83
Ethyl Benzene	18243	69408	16484	2212.4	273.29	108.45
Freon 113	< 153	< 30.672	< 30.672	< 30.7	< 30.67	99.68
Heptane	147534	90024	3191.8	139.1	< 40.92	< 10.23
Hexachlorobutadiene	< 213	< 42.68	< 42.68	< 42.7	< 42.68	< 10.67
Hexane	20089	8467.2	< 35.28	< 35.3	< 35.28	< 8.82
Isopropyl Alcohol	< 1229	< 245.5	< 245.5	< 245.5	< 245.50	< 61.38
m + p Xylene	47779	308566	130380	19557.0	2694.50	651.9
Methyl Ethyl Ketone	< 295	5008.2	< 58.92	< 58.9	< 58.92	< 14.73
Methylene Chloride	< 69	< 13.896	< 13.896	< 13.9	< 13.90	< 3.47
Methylisobutylketone	< 410	< 82.02	< 82.02	< 82.0	< 82.02	< 20.51
o Xylene	13465	147764	65190	16080.0	3998.30	1043
p-Ethyltoluene	2163	152241	88398	30448.0	17189.00	3535.9
Propylene	465	< 34.38	< 34.38	< 34.4	< 34.38	< 8.6
Styrene	< 85	< 17.024	< 17.024	< 17.0	< 17.02	< 4.26
t-1,2-Dichloroethene	< 79	122.98	< 15.868	< 15.9	< 15.87	22.22
t-1,3Dichloropropene	< 91	< 18.168	< 18.168	< 18.2	< 18.17	< 4.54
ter.ButylMethylEther	< 72	< 14.076	158.36	< 14.1	< 14.08	< 3.52
tert. Butyl Alcohol	< 606	< 121.12	< 121.12	< 121.1	< 121.12	< 30.28
Tetrachloroethene	312	339.25	447.81	230.7	257.83	447.81
Tetrahydrofuran	< 590	14735	< 117.88	< 117.9	< 117.88	< 29.47
Toluene	286407	229665	35015	866.0	71.54	26.36
Trichloroethene	< 107	381.48	4674.5	3223.8	4889.40	2579
Trichlorofluoromethane	< 112	< 22.488	< 22.488	< 22.5	< 22.49	< 5.62
Vinyl Acetate	< 176	< 35.19	< 35.19	< 35.2	< 35.19	< 8.8
Vinyl Bromide	< 87	< 17.516	< 17.516	< 17.5	< 17.52	< 4.38
Vinyl Chloride	792	281.38	< 25.58	< 25.6	< 25.58	< 6.4

Notes:

Concentrations reported in micrograms per cubic meter (ug/m3).

< Indicates less than the method detection limit for specific compound.

TABLE 1 (Cont'd.)

Summary of Extracted Soil Vpaor Samples
Soil Vapor Extraction System 299 Main Street in Westbury, New York
NYSDEC Site # 1-30-043S

Sample ID	AS-1/24/08	AS-4/30/08	AS-7/22/08	AS-10/23/08	AS-5/11/09	AS-2/1/10	AS-7/23/10	AS-10/15/10	AS-1/17/11
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor
Location	Untreated	Untreated	Untreated	Untreated	Untreated	Untreated	Untreated	Untreated	Untreated
Date Sampled	1/24/2008	4/30/2008	7/22/2008	10/23/2008	5/11/2009	2/1/2010	7/23/2010	10/15/2010	1/17/2011
Comment	5th Quarter	6th Quarter	7th Quarter	8th Quarter	9th Quarter	10th Quarter	11th Quarter	12th Quarter	13th Quarter
Volatile Organic Compounds (USEPA Method TO-15)									
Parameters	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
1,1 Dichloroethane	< 0.81	< 0.81	< 0.81	1255.80	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81
1,1 Dichloroethene	< 0.79	< 0.79	< 0.79	< 7.94	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
1,2 Dibromoethane	< 1.54	< 1.54	< 1.54	< 15.38	< 1.54	< 1.54	< 1.54	< 1.54	< 1.54
1,2 Dichlorobenzene (v)	445.18	324.86	198.53	< 12.03	34.29	< 3.01	< 3.01	< 3.01	< 3.01
1,2 Dichloroethane	< 0.81	< 0.81	< 0.81	< 8.10	< 2.03	< 2.03	< 2.03	< 2.03	< 2.03
1,2 Dichloropropane	< 0.92	< 0.92	< 0.92	< 9.25	2.31	< 2.31	< 2.31	< 2.31	< 2.31
1,2-Dichlorotetrafluoroethane	< 1.40	< 1.40	< 1.40	< 13.99	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40
1,3 Butadiene	< 2.21	< 2.21	< 2.21	< 22.10	< 2.21	< 2.21	< 2.21	< 2.21	< 2.21
1,3 Dichlorobenzene (v)	1.80	1.80	< 1.20	< 12.03	< 1.20	< 1.20	< 1.20	< 1.20	< 1.20
1,4 Dichlorobenzene (v)	16.24	16.24	14.44	< 12.03	10.23	< 3.01	< 3.01	< 3.01	< 3.01
1,4-Dioxane	< 3.60	< 3.60	< 3.60	< 36.01	< 3.60	< 3.60	< 3.60	< 3.60	< 3.60
111 Trichloroethane	< 1.09	< 1.09	< 1.09	< 10.92	< 1.09	< 1.09	< 1.09	< 1.09	< 1.09
112 Trichloroethane	< 1.09	< 1.09	< 1.09	< 10.92	< 1.09	< 1.09	< 1.09	< 1.09	< 1.09
1122Tetrachloroethane	< 1.37	< 1.37	< 1.37	< 13.74	< 1.37	< 1.37	< 1.37	< 1.37	< 1.37
124-Trimethylbenzene	3197.40	1377.30	737.85	255.79	23.12	9.84	< 2.46	< 2.46	< 2.46
135-Trimethylbenzene	2459.50	1524.90	934.61	1623.30	152.49	13.28	< 2.46	< 2.46	< 2.46
2,2,4-Trimethylpentane	41.99	33.12	29.39	38.72	6.06	20.06	< 2.33	< 2.33	< 2.33
2-Hexanone	< 2.05	< 2.05	< 2.05	< 20.46	< 2.05	< 2.05	< 2.05	< 2.05	< 2.05
3-Chloropropene	< 1.57	< 1.57	< 1.57	< 15.66	< 1.57	< 1.57	< 1.57	< 1.57	< 1.57
Acetone	261.58	< 2.38	22.35	< 23.78	16.17	< 2.38	10.94	2.85	< 2.38
Acrylonitrile	< 2.17	< 2.17	< 2.17	< 21.69	< 2.17	< 2.17	< 2.17	< 2.17	< 2.17
Benzene	< 0.64	< 0.64	< 0.64	< 6.38	< 0.64	< 0.64	< 0.64	< 0.64	< 0.64
Benzyl Chloride	< 25.90	< 25.90	< 25.90	< 25.90	< 1.04	< 1.04	< 1.04	< 1.04	< 1.04
Bromodichloromethane	< 1.33	< 1.33	< 1.33	< 13.26	< 1.33	< 1.33	< 1.33	< 1.33	< 1.33
Bromoform	< 2.07	< 2.07	< 2.07	< 20.70	< 2.07	< 2.07	< 2.07	< 2.07	< 2.07
Bromomethane	< 3.88	< 3.88	< 3.88	< 38.84	< 0.78	< 0.78	< 0.78	< 0.78	< 0.78
c-1,2-Dichloroethene	952.08	1150.40	1269.40	< 15.87	872.74	1229.80	1507.50	1110.80	674.39
c-1,3Dichloropropene	< 0.91	< 0.91	< 0.91	< 9.08	< 2.27	< 2.27	< 2.27	< 2.27	< 2.27
Carbon disulfide	37.32	28.92	16.48	< 6.22	8.71	< 1.56	< 1.56	< 1.56	< 1.56
Carbon Tetrachloride	< 1.26	< 1.26	< 1.26	< 12.59	< 0.50	< 2.52	< 2.52	< 2.52	< 2.52
Chlorobenzene	< 0.92	< 0.92	< 0.92	< 9.22	< 0.92	< 0.92	< 0.92	< 0.92	< 0.92
Chlorodibromomethane	< 1.69	< 1.69	< 1.69	< 16.86	< 1.69	< 1.69	< 1.69	< 1.69	< 1.69
Chloroethane	< 5.28	< 5.28	< 5.28	< 52.80	< 2.64	< 2.64	< 2.64	< 2.64	< 2.64
Chloroform	< 0.97	< 0.97	< 0.97	< 9.74	< 0.97	< 0.97	< 0.97	< 0.97	< 0.97
Chloromethane	< 0.83	< 0.83	< 0.83	< 8.27	< 2.07	< 2.07	< 2.07	< 2.07	< 2.07
Cyclohexane	< 1.72	< 1.72	< 1.72	< 17.22	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69
Dichlordifluoromethane	< 4.95	< 4.95	< 4.95	< 49.48	4.06	< 0.99	< 0.99	< 0.99	< 0.99
Ethyl Acetate	< 18.01	< 18.01	< 18.01	< 180.05	< 18.01	< 18.01	< 18.01	< 18.01	< 18.01
Ethyl alcohol	20.71	< 3.77	9.98	< 37.66	< 3.77	< 3.77	8.85	8.85	< 3.77
Ethyl Benzene	69.41	32.54	15.18	20.39	3.69	< 0.87	< 0.87	< 0.87	< 0.87
Freon 113	122.69	99.68	48.31	< 15.34	19.17	< 0.77	6.21	< 0.77	1.46
Heptane	< 2.05	4.50	< 2.05	< 20.46	< 2.05	< 2.05	< 2.05	< 2.05	< 2.05
Hexachlorobutadiene	< 2.13	< 2.13	< 2.13	< 21.34	< 5.34	< 5.34	< 5.34	< 5.34	< 5.34
Hexane	< 1.76	< 1.76	< 1.76	< 17.64	< 1.76	< 1.76	< 1.76	< 1.76	< 1.76
Isopropyl Alcohol	< 12.28	< 12.28	< 12.28	< 122.75	< 12.28	< 12.28	< 12.28	< 12.28	< 12.28
m + p Xylene	564.98	121.69	27.81	43.46	5.22	< 2.17	< 2.17	< 2.17	< 2.17
Methyl Ethyl Ketone	29.17	< 2.95	< 2.95	< 29.46	< 2.95	< 2.95	< 2.95	< 2.95	< 2.95
Methylene Chloride	< 0.69	< 0.69	< 0.69	< 6.95	76.43	< 0.69	< 0.69	< 0.69	< 0.69
Methylisobutylketone	< 4.10	< 4.10	< 4.10	< 41.01	< 4.10	< 4.10	< 4.10	< 4.10	< 4.10
o Xylene	825.74	608.44	382.45	956.12	95.61	< 0.87	< 0.87	< 0.87	< 0.87
p-Ethyltoluene	1571.50	638.43	319.22	284.84	20.14	11.79	< 2.46	< 2.46	< 2.46
Propylene	< 1.72	< 1.72	< 1.72	< 17.19	10.83	< 0.86	< 0.86	< 0.86	< 0.86
Styrene	< 0.85	< 0.85	< 0.85	< 8.51	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85
t-1,2-Dichloroethene	17.46	12.30	20.63	17.06	13.89	17.06	36.10	13.49	10.71
t-1,3Dichloropropene	< 0.91	< 0.91	< 0.91	< 9.08	< 0.91	< 0.91	< 0.91	< 0.91	< 0.91
ter.ButylMethylEther	< 0.70	< 0.70	< 0.70	< 7.04	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70
tert. Butyl Alcohol	< 6.06	< 6.06	< 6.06	< 60.56	< 6.06	< 6.06	< 6.06	< 6.06	< 6.06
Tetrachloroethene	461.38	488.52	529.23	678.50	515.66	420.67	488.52	597.08	576.73
Tetrahydrofuran	< 5.89	< 5.89	< 5.89	< 58.94	< 1.47	< 1.47	< 1.47	< 1.47	< 1.47
Toluene	18.07	10.92	8.66	35.77	6.02	< 0.75	< 0.75	< 0.75	< 0.75
Trichloroethene	2149.20	2310.40	3331.30	3438.70	2149.20	2579.00	4405.90	2579.00	1558.20
Trichlorofluoromethane	< 1.12	< 1.12	6.18	< 11.24	3.82	< 1.12	3.15	1.24	< 1.12
Vinyl Acetate	< 1.76	< 1.76	< 1.76	< 17.60	< 1.76	< 1.76	< 1.76	< 1.76	< 1.76
Vinyl Bromide	< 0.88	< 0.88	< 0.88	< 8.76	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88
Vinyl Chloride	< 1.28	< 1.28	< 1.28	< 12.79	< 0.26	< 0.51	< 0.51	< 0.51	< 0.51

Notes:

Concentrations reported in micrograms per cubic meter (ug/m3).

< Indicates less than the method detection limit for specific compound.