PERIODIC REVIEW REPORT

for the

MARKET BASKET SITE Gates Avenue City of Geneva, Ontario County, New York NYSDEC Site Number: B00018

Prepared for:

CITY OF GENEVA 47 Castle Street Geneva, New York 14456

Prepared by:



8232 Loop Road Baldwinsville, New York 13027 (315) 638-8587 Project No. 2016018

March 2021

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EXECUTIVE SUMMARY

The former Market Basket Site was operated as a food warehouse and distribution center until its closing. The property was subsequently used for other purposes, including automotive painting. After acquiring the property, the City of Geneva entered into a State Assistance Contract (SAC) with the New York State Department of Environmental Conservation (DEC) to allow the property into the Environmental Restoration Program (ERP). Remedial activities that included excavation and offsite disposal at three areas of concern were implemented in 2008, following a site investigation that found subsurface and groundwater impacts from volatile organic compounds (VOCs). Confirmation soil samples from the sides and bottoms of the remedial excavations indicated onsite sources had been largely addressed.

A Certificate of Completion letter was issued August 30, 2017. The approved Site Management Plan requires semi-annual groundwater monitoring, an annual site-wide inspection and the submission of Periodic Review Reports (PRRs), of which this is the third.

SITE OVERVIEW

This Periodic Review Report (PRR) is for the former Market Basket Site on Gates Avenue in the City of Geneva, Ontario County, New York (the site). The site consists of two parcels totaling approximately 2.5 acres owned by the City of Geneva and is currently vacant. The site formerly contained a food warehouse that was subsequently used for other purposes, including a rental space for automotive repairs. The site is located in a mixed commercial, industrial and residential area. Refer to *Figure 1 – Site Location Map* and *Figure 2 – Site Layout Map* for additional information.

Environmental remediation was completed by the City of Geneva. The site was issued a Certificate of Completion (COC) by the New York State Department of Environmental Conservation (DEC) on August 30, 2017. This PRR is required by the DEC to verify that the requirements contained in the COC, more fully described in the December 2016 Site Management Plan (SMP), are being adhered to. This is the third PRR for the site and covers the period December 31, 2019 to December 31, 2020.

REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

The site remediation was accomplished by a source removal project completed in 2016. Approximately 815 cubic yards of impacted soil were removed from the site as part of a remedial excavation. The excavations were backfilled with DEC-approved clean imported fill and a 1-foot thick minimum clean soil cap was placed over the entire site.

Groundwater samples were collected from site monitoring wells MW-3R, MW-5R, MW-6, MW-9 and MW-12 in June and December 2020, per the requirements of Section 3.4 of the SMP. Refer to *Table 1 – Monitoring Well and Groundwater Elevation Data* for monitoring well and groundwater elevation data. VOC concentrations have decreased since the 2008 sampling event. Two to four VOCs were detected in wells MW-3R, MW-5R and MW-6, all below groundwater standards. Five VOCs were detected in well MW-9, one of which exceeded groundwater

standards but is trending lower. Five VOCs were detected in well MW-12, four of which exceeded groundwater standards but are also trending lower over time. Refer to *Table 2 – Summary of MW-3R Groundwater Analytical Results – Hits Only, Table 3 – Summary of MW-5R Groundwater Analytical Results – Hits Only, Table 4 – Summary of MW-6 Groundwater Analytical Results – Hits Only, Table 5 – Summary of MW-9 Groundwater Analytical Results – Hits Only and Table 6 – Summary of MW-12 Groundwater Analytical Results – Hits Only for groundwater analytical results compared to previous sampling events.*

Overall, the remedy appears to have performed satisfactorily to date and has been effective in protecting public health and the environment. Concentrations where exceedances of Class GA standards were reported in 2008 were lower in December 2020. Well MW-12 consistently had the highest concentrations of VOCs and the December 2020 concentrations were substantially lower than the December 2008 levels.

INSTITUTIONAL / ENGINEERING CONTROL PLAN COMPLIANCE

The following Institutional and Engineering Controls (IECs) were stipulated for the site in the SMP:

- The property may be used for restricted commercial or industrial use.
- Use of groundwater is restricted.
- Data and information pertinent to site management must be reported per the requirements of the SMP.
- All future activities on the site that will disturb remaining contaminated material must be conducted in accordance with the SMP.
- Access to the site must be provided to representatives of the State of New York with reasonable prior notice.

- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the institutional control boundaries and appropriate actions to address exposures must be implemented.
- Vegetable gardens and farming on the site are prohibited.

No IEC deficiencies were noted in this reporting period. No changes to the IECs are recommended.

MONITORING PLAN COMPLIANCE

The following monitoring requirements were stipulated for the site in the SMP:

- *Groundwater Quality Monitoring:* Semi-annually for a minimum of 5 years.
- Site-Wide Inspections: A minimum of once per year.

No disturbances were identified during the annual inspection of the site. Refer to Attachment 1 -Site-Wide Inspection Form and Attachment 2 - Institutional and Engineering Controls Certification Form for additional information.

CONCLUSIONS AND RECOMMENDATIONS

No site deficiencies were noted during this monitoring period. No additional remedial measures or other improvements are recommended at this time.

The requirements for the site for this reporting period have been met.

CERTIFICATION

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

- The institutional control employed at this site is unchanged from the date the control was put in place, or last approved by the Department.
- Nothing has occurred that would impair the ability of the control to protect the public health and environment.
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control.
- 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.
- If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document.
- Use of the site is compliant with the deed restriction.
- The information presented in this report is accurate and complete.

I certify that all information and statements in this certification form 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, David K. Meixell, P.E., of Plumley Engineering, P.C., 8232 Loop Road, Baldwinsville, New York, am certifying as the City of Geneva's Designated Representative for the site.

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Signature

March 1, 2021 Date

FIGURES









Basemap Reference:

"City of Geneva, Former Market Basket Property, Environmental Resoration Program, Ontario County, New York"; Prepared by: Obrien Gere Engineers, Inc.; Dated: January 2009; File No.: 1740.30852.101.

AM	PROJECT No.: FILE NAME.:	2016018 EV01P	SHEET NO.:
	SCALE: DATE:	AS NOTED AUG. 2016	FIGUBE 2
	ENG'D BY:	DKM	
YORK	DRAWN BY:	JMD	
ork State Education Law.	CHECKED BY:	DKM	© Plumley Engineering, P.C. 2016

TABLES

Monitoring Well	Monitoring Well								
Construction Data¹	MW-3R	MW-5R	MW-6	MW-9	MW-12				
Ground Surface Elevation	140.5	136.7	142.3	137.1	142.6				
Rim Elevation (feet)	140.45	136.66	141.45 *	138.58	142.39				
Top of Screen Elevation (feet)	134.95	131.16	135.95	140.06	367.9				
Bottom of Well Elevation (feet)	125.0	121.2	126.0	124.1	347.9				
Depth of Well (feet)	15.5	15.5	15.5	13	18				
Well Diameter (inches)	2	2	2	2	2				
Date		Ground	water Elevati	on (feet)					
11/20/2018	135.72	135.68	135.38	135.73	139.56				
07/23/2019	133.55	134.82	133.96	134.83	135.88				
10/10/2019	134.59	134.83	134.47	135.10	137.10				
06/11/2020	133.25	133.47	132.79	133.90	135.93				
12/04/2020	134.83	134.49	134.00	135.04	135.60				

TABLE 1 - MONITORING WELL AND GROUNDWATER ELEVATION DATA

Notes:

¹ Elevations are based on former survey datum.

*Top of wells resurveyed by Plumley Engineering on November 20, 2018 using MW-6 rim elevation (141.45) as benchmark.

TABLE 2 - SUMMARY OF MW-3R GROUNDWATER ANALYTICAL RESULTS - HITS ONLY

Lah Samnle ID•		State	0812108-	7042251002	IC65603-1	1092335-3	1C96700-4	ID8628-4	ID17361_4	
Lab Sample ID.	Unit	State Standard1	008A	7042251002	3003003-1	JC72555-5	3070700-4	JD0020-4	001/0014	
Date Sampled:		Standard	12/12/2008	01/28/2018	05/04/2018	07/23/2019	10/10/2019	06/11/2020	12/04/2020	
MS Volatiles (SW846 8260C)										
Acetone	μg/L		2.10 J	60.4	ND (5.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)	
Benzene	μg/L	1	ND (0.10)	ND (1.0)	ND (0.17)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	
2-Butanone (MEK)	μg/L		NA	ND (5.0)	ND (4.8)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)	
Carbon disulfide	μg/L	60	NA	ND (1.0)	5.2	ND (0.95)	ND (0.95)	ND $(0.95)^{a}$	ND (0.46)	
Chlorobenzene	μg/L	5	ND (0.10)	ND (1.0)	ND (0.24)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	
Chloroform	μg/L	7	ND (0.10)	ND (1.0)	ND (0.29)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	
Chloromethane	μg/L	5	1.24	8.5	ND (0.53)	ND (0.76)	ND (0.76)	ND (0.76)	ND $(0.76)^{a}$	
1,2-Dichlorobenzene	μg/L	3	ND (0.10)	ND (1.0)	ND (0.50)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	
1,3-Dichlorobenzene	μg/L	3	ND (0.10)	ND (1.0)	ND (0.50)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	
1,4-Dichlorobenzene	μg/L	3	ND (0.16)	ND (1.0)	ND (0.50)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	
1,1-Dichloroethane	μg/L	5	ND (0.10)	ND (1.0)	ND (0.21)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	
1,1-Dichloroethene	μg/L	5	ND (0.16)	ND (1.0)	ND (0.47)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	
cis-1,2-Dichloroethene	μg/L	5	0.46 J	ND (1.0)	1.3	2.1	0.52 J	1.1	ND (0.51)	
trans-1,2-Dichloroethene	μg/L	5	ND (0.10)	ND (1.0)	ND (0.40)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	
Tetrachloroethene	μg/L	5	1.06	NA	ND (0.50)	ND (0.90)	ND (0.90)	ND (0.90)	ND (0.90)	
1,2,4-Trichlorobenzene	μg/L	5	ND (0.10)	ND (1.0)	ND $(0.50)^{a}$	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	
1,1,2-Trichloroethane	μg/L	5	ND (0.16)	ND (1.0)	ND (0.24)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	
1,1,1-Trichloroethane	μg/L	5	ND (0.10)	ND (1.0)	ND (0.25)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	
Trichloroethene	μg/L	5	9.97	ND (1.0)	7.2	14.2	4.7	2.8	ND (0.53)	
Vinyl chloride	µg/L	2	ND (0.33)	ND (1.0)	ND (0.62)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	

Notes:

¹DEC Division of Water's Technical and Operational Guidance Series (TOGS) 1.1.1, *Ambient Water Quality Standards and Guidance Values*, reissued June 1998. ^aAssociated CCV outside of control limits high, sample was ND.

 μ g/L micrograms per liter, equivalent to parts per billion (ppb)

Legend:

ND Not Detected Less Than

Hit

J Indicates an estimated value

NA Not analyzed

--- No State Standard

Exceed

TABLE 3 - SUMMARY OF MW-5R GROUNDWATER ANALYTICAL RESULTS - HITS ONLY

Lab Sample ID:	Unit	State		JC69322-1	JC78391-1	JC92335-2	JC96700-1	JD8628-1	JD17361-1
Date Sampled:	Umu	Standard ¹	12/12/2008	07/03/2018	11/20/2018	07/23/2019	10/10/2019	06/11/2020	12/04/2020
MS Volatiles (SW846 8260C)									
Acetone	μg/L		ND (1.0)	ND (5.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)
Benzene	μg/L	1	ND (0.10)	ND (0.17)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)
2-Butanone (MEK)	μg/L		NA	ND (4.8)	11.9	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)
Carbon disulfide	μg/L	60	NA	ND (0.5)	ND (0.95)	ND (0.95)	ND (0.95)	ND (0.95) ^a	ND (0.46)
Chlorobenzene	μg/L	5	ND (0.10)	ND (0.24)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)
Chloroform	μg/L	7	ND (0.10)	ND (0.29)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
Chloromethane	μg/L	5	0.52 J	ND (0.53)	ND (0.76)	ND (0.76)	ND (0.76)	ND (0.76)	ND $(0.76)^{a}$
1,2-Dichlorobenzene	μg/L	3	ND (0.10)	ND (0.5)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)
1,3-Dichlorobenzene	μg/L	3	ND (0.10)	ND (0.5)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)
1,4-Dichlorobenzene	μg/L	3	ND (0.16)	ND (0.5)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)
1,1-Dichloroethane	μg/L	5	ND (0.10)	ND (0.21)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)
1,1-Dichloroethene	μg/L	5	ND (0.16)	ND (0.47)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)
cis-1,2-Dichloroethene	μg/L	5	11.0	2.1	ND (0.51)	0.73 J	0.51 J	1.1	ND (0.51)
trans-1,2-Dichloroethene	μg/L	5	0.25 J	ND (0.40)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)
Tetrachloroethene	μg/L	5	0.15 J	ND (0.50)	ND (0.90)	ND (0.90)	ND (0.90)	ND (0.90)	ND (0.90)
1,2,4-Trichlorobenzene	μg/L	5	ND (0.10)	ND (0.50)	ND (0.50)				
1,1,2-Trichloroethane	μg/L	5	ND (0.16)	ND (0.24)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)
1,1,1-Trichloroethane	μg/L	5	ND (0.10)	ND (0.25)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)
Trichloroethene	μg/L	5	12.4	5.6	3.5	4.8	4.2	3.2	3
Vinyl chloride	μg/L	2	0.61 J	0.76 J	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)

Notes:

¹DEC Division of Water's Technical and Operational Guidance Series (TOGS) 1.1.1, *Ambient Water Quality Standards and Guidance Values*, reissued June 1998. ^aAssociated CCV outside of control limits high, sample was ND. µg/L micrograms per liter, equivalent to parts per billion (ppb) Legend:

Hit

ND Not Detected Less Than

J Indicates an estimated value

NA Not analyzed

--- No State Standard

Exceed

TABLE 4 - SUMMARY OF MW-6 GROUNDWATER ANALYTICAL RESULTS - HITS ONLY

Lab Sample ID:	Unit	State	0812108-	7042251004	JC65603-2	JC92335-1	JC96700-2	JD8628-2	JD17361-2
Date Sampled:	Unit	Standard ¹	12/12/2008	01/28/2018	05/04/2018	07/23/2019	10/10/2019	06/11/2020	12/04/2020
MS Volatiles (SW846 8260C)									
Acetone	µg/L		ND (1.0)	67.3	ND (5.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)
Benzene	μg/L	1	0.11 J	ND (1.0)	ND (0.17)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)
2-Butanone (MEK)	μg/L		NA	ND (5.0)	ND (4.8)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)
Carbon disulfide	μg/L	60	NA	ND (1.0)	ND (0.50)	ND (0.95)	ND (0.95)	ND (0.95) ^a	ND (0.46)
Chlorobenzene	μg/L	5	ND (0.10)	ND (1.0)	ND (0.24)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)
Chloroform	μg/L	7	ND (0.10)	ND (1.0)	ND (0.29)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
Chloromethane	μg/L	5	0.55 J	4.8	ND (0.53)	ND (0.76)	ND (0.76)	ND (0.76)	$ND (0.76)^{a}$
1,2-Dichlorobenzene	μg/L	3	ND (0.10)	ND (1.0)	ND (0.50)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)
1,3-Dichlorobenzene	μg/L	3	ND (0.10)	ND (1.0)	ND (0.50)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)
1,4-Dichlorobenzene	μg/L	3	ND (0.16)	ND (1.0)	ND (0.50)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)
1,1-Dichloroethane	μg/L	5	ND (0.10)	ND (1.0)	ND (0.21)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)
1,1-Dichloroethene	μg/L	5	ND (0.16)	ND (1.0)	ND (0.47)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)
cis-1,2-Dichloroethene	μg/L	5	4.72	1.2	ND (0.50)	3.9	3.4	3.7	3.8
trans-1,2-Dichloroethene	μg/L	5	2.98	ND (1.0)	ND (0.40)	2.2	1.7	2.1	1.8
Tetrachloroethene	μg/L	5	ND (0.10)	NA	ND (0.50)	ND (0.90)	ND (0.90)	ND (0.90)	ND (0.90)
1,2,4-Trichlorobenzene	μg/L	5	ND (0.10)	ND (1.0)	ND $(0.50)^{a}$	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
1,1,2-Trichloroethane	μg/L	5	ND (0.16)	ND (1.0)	ND (0.24)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)
1,1,1-Trichloroethane	µg/L	5	ND (0.10)	ND (1.0)	ND (0.25)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)
Trichloroethene	µg/L	5	0.66	ND (1.0)	0.78 J	0.69 J	1	0.54 J	ND (0.53)
Vinyl chloride	µg/L	2	1.36	ND (1.0)	ND (0.62)	1.8	0.98 J	1.5	1.1

Notes:

¹DEC Division of Water's Technical and Operational Guidance Series (TOGS) 1.1.1,

Ambient Water Quality Standards and Guidance Values, reissued June 1998.

^aAssociated CCV outside of control limits high, sample was ND.

 μ g/L micrograms per liter, equivalent to parts per billion (ppb)

Legend:

Hit Exceed

ND Not Detected Less Than

J Indicates an estimated value

NA Not analyzed

--- No State Standard

TABLE 5 - SUMMARY OF MW-9 GROUNDWATER ANALYTICAL RESULTS - HITS ONLY

Lab Sample ID:	Unit	State	0812108- 099A	7042251001	JC65603-3	JC92335-4	JC96700-3	JD8628-3	JD17361-3
Date Sampled:		Standard	12/12/2008	01/28/2018	05/04/2018	07/23/2019	10/10/2019	06/11/2020	12/04/2020
			MS	Volatiles (SV	V846 8260C)				
Acetone	μg/L		ND (1.0)	64.1	ND (5.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)
Benzene	μg/L	1	ND (0.10)	ND (1.0)	ND (0.17)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)
2-Butanone (MEK)	μg/L		NA	ND (5.0)	ND (4.8)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)
Carbon disulfide	μg/L	60	NA	ND (1.0)	ND (0.50)	ND (0.95)	ND (0.95)	ND (0.95) ^a	ND (0.46)
Chlorobenzene	μg/L	5	ND (0.10)	ND (1.0)	ND (0.24)	ND (0.56)	ND (0.56)	ND (0.56)	ND (0.56)
Chloroform	μg/L	7	0.19 J	ND (1.0)	ND (0.29)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
Chloromethane	μg/L	5	0.42 J	1.6	ND (0.53)	ND (0.76)	ND (0.76)	ND (0.76)	$ND (0.76)^{a}$
1,2-Dichlorobenzene	μg/L	3	ND (0.10)	ND (1.0)	ND (0.50)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)
1,3-Dichlorobenzene	μg/L	3	ND (0.10)	ND (1.0)	ND (0.50)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)
1,4-Dichlorobenzene	μg/L	3	ND (0.16)	ND (1.0)	ND (0.50)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)
1,1-Dichloroethane	μg/L	5	5.02	2.5	2.8	1.8	1.3	0.85 J	0.88 J
1,1-Dichloroethene	μg/L	5	8.59	1.8	2.5	1.4	1	0.70 J	ND (0.59)
cis-1,2-Dichloroethene	μg/L	5	7.45	2.9	2.9	1.9	1.5	1.1	0.97 J
trans-1,2-Dichloroethene	μg/L	5	ND (0.10)	ND (1.0)	ND (0.40)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)
Tetrachloroethene	μg/L	5	0.19 J	NA	ND (0.50)	ND (0.90)	ND (0.90)	ND (0.90)	ND (0.90)
1,2,4-Trichlorobenzene	μg/L	5	ND (0.10)	ND (1.0)	ND (0.50) ^a	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
1,1,1-Trichloroethane	μg/L	5	27.9	5	5.5	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)
1,1,2-Trichloroethane	µg/L	1	0.19 J	ND (1.0)	ND (0.24)	3.2	2.4	1.6	1.5
Trichloroethene	μg/L	5	28.7	25.1	28.4	21.1	17.9	13	12.3
Vinyl chloride	μg/L	2	ND (0.33)	ND (1.0)	ND (0.62)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)

Notes:

¹DEC Division of Water's Technical and Operational Guidance Series (TOGS) 1.1.1, *Ambient Water Quality Standards and Guidance Values*, reissued June 1998.

^aAssociated CCV outside of control limits high, sample was ND.

 μ g/L micrograms per liter, equivalent to parts per billion (ppb)

Legend:

nd:

Hit Exceed

ND Not Detected Less Than

J Indicates an estimated value

NA Not analyzed

--- No State Standard

TABLE 6 - SUMMARY OF MW-12 GROUNDWATER ANALYTICAL RESULTS - HITS ONLY

Lab Sample ID:	Unit	State	0812108-003ADL	7042251003	JC65603-4	JC92335-5	JC96700-5	JD8628-5	JD17361-5
Date Sampled:		Standard	12/12/2008	01/28/2018	05/04/2018	07/23/2019	10/10/2019	06/11/2020	12/04/2020
			MS	Volatiles (SV	V846 8260C)				
Acetone	μg/L		ND (1.0)	64.5	ND (5.0)	ND (6.0)	ND (6.0)	ND (6.0)	ND (6.0)
Benzene	μg/L	1	0.72	ND (1.0)	ND (0.17)	ND (0.43)	ND (0.43)	ND (0.43)	ND (0.43)
2-Butanone (MEK)	μg/L		NA	ND (5.0)	ND (4.8)	ND (6.9)	ND (6.9)	ND (6.9)	ND (6.9)
Carbon disulfide	μg/L	60	NA	ND (1.0)	3.1	ND (0.95)	ND (0.95)	ND (0.95)	ND (0.46)
Chlorobenzene	μg/L	5	63.6	35	16.1	33.3	33	27.1	11.4
Chloroform	μg/L	7	ND (0.10)	ND (1.0)	ND (0.29)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
Chloromethane	μg/L	5	ND (0.33)	3.3	ND (0.53)	ND (0.76)	ND (0.76)	ND (0.76)	$ND (0.76)^{a}$
1,2-Dichlorobenzene	μg/L	3	155	158	80.5	164	134	132	47
1,3-Dichlorobenzene	μg/L	3	214	273	127	218	183	176	82.1
1,4-Dichlorobenzene	μg/L	3	155	132	71.8	144	<u>98</u>	109	34.6
1,1-Dichloroethane	μg/L	5	ND (0.10)	ND (1.0)	ND (0.21)	ND (0.57)	ND (0.57)	ND (0.57)	ND (0.57)
1,1-Dichloroethene	μg/L	5	ND (0.16)	ND (1.0)	ND (0.47)	ND (0.59)	ND (0.59)	ND (0.59)	ND (0.59)
cis-1,2-Dichloroethene	μg/L	5	0.19 J	ND (1.0)	ND (0.50)	ND (0.51)	ND (0.51)	ND (0.51)	ND (0.51)
trans-1,2-Dichloroethene	μg/L	5	ND (0.10)	ND (1.0)	ND (0.40)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)
Tetrachloroethene	μg/L	5	0.57	NA	ND (0.50)	ND (0.90)	ND (0.90)	ND (0.90)	ND (0.90)
1,2,4-Trichlorobenzene	μg/L	5	0.42 J	1.5	ND (0.50)	1.3	1.8	1.4	0.74 J
1,1,1-Trichloroethane	μg/L	5	ND (0.10)	ND (1.0)	ND (0.25)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)
1,1,2-Trichloroethane	μg/L	1	ND (0.16)	ND (1.0)	ND (0.24)	ND (0.54)	ND (0.54)	ND (0.54)	ND (0.54)
Trichloroethene	μg/L	5	0.82	ND (1.0)	ND (0.27)	ND (0.53)	ND (0.53)	ND (0.53)	ND (0.53)
Vinyl chloride	μg/L	2	ND (0.33)	ND (1.0)	ND (0.62)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)

Notes:

¹DEC Division of Water's Technical and Operational Guidance Series (TOGS) 1.1.1, *Ambient Water Quality Standards and Guidance Values*, reissued June 1998. ^aAssociated CCV outside of control limits high, sample was ND. µg/L micrograms per liter, equivalent to parts per billion (ppb) Legend:

end:

Hit Exceed

ND Not Detected Less Than

J Indicates an estimated value

NA Not analyzed

--- No State Standard

ATTACHMENTS

ATTACHMENT 1

ANNUAL INSPECTION FORM

Site-Wide Inspection Form Former Market Basket Site Geneva, New York

Da	te: December 4, 2020 Inspector's Name (Print): Derk T. Hudson
Sit	e Owner: <u>City of Geneva</u> Inspector's Phone Number: <u>(315) 638-8587</u>
1.	Does the site comply with the required institutional controls? Yes \underline{X} No
2.	Describe condition and effectiveness of the soil cover: <u>Good</u> , with established grass cover
3.	Describe general site conditions: Vacant with cover vegetation mowed
4.	Is the annual groundwater monitoring program current? Yes \underline{X} No
5.	Have the requirements of the Operation and Maintenance Plan been maintained? Yes \underline{X} No
	If no, explain deficiencies:
6.	Are site records up to date? Yes X No
	If no, explain deficiencies:
Ad	ditional Comments (if appropriate):
Re	commended Actions (if appropriate):
Sig	gnature of Inspector:

ATTACHMENT 2

INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM



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



Site Details Site No. B00018	Box 1	
Site Name Market Basket Site		
Site Address: Corner of Gates Ave. & Lehigh Street Zip C City/Town: Geneva (C) County: Ontario Site Acreage: 2.475	Code: 14456-	
Reporting Period: March 15, 2020 to March 15, 2021		
	YES	NO
1. Is the information above correct?	Х	
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided tax map amendment during this Reporting Period?	, merged, or undergone a	Х
 Has there been any change of use at the site during this F (see 6NYCRR 375-1.11(d))? 	Reporting Period	Х
4. Have any federal, state, and/or local permits (e.g., building for or at the property during this Reporting Period?	g, discharge) been issued	Х
If you answered YES to questions 2 thru 4, include do that documentation has been previously submitted wi	cumentation or evidence th this certification form.	
5. Is the site currently undergoing development?		Х
	Box 2	
	YES	NO
 Is the current site use consistent with the use(s) listed below Commercial and Industrial 	x X	
7. Are all ICs in place and functioning as designed?	Х	
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS DO NOT COMPLETE THE REST OF THIS FOR	NO, sign and date below and M. Otherwise continue.	
A Corrective Measures Work Plan must be submitted along v	vith this form to address these iss	ues.
Signature of Owner, Remedial Party or Designated Representativ	ve Date	

SITE NO. B00018		Box 3
Description o	f Institutional Controls	
Parcel	Owner City of Conova	Institutional Control
90.15-4-67	City of Geneva	Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan IC/EC Plan Monitoring Plan
The Deed Restrictic future use of the Sit The Deed Restrictic to restricted comme site management m 90.20-1-11	In is the legal instrument which set e. The Deed Restriction is filed an in recorded for the property restric rcial and industrial, periodic certific ust be in accordance with the Site City of Geneva	s forth the use restrictions and prohibitions on the d recorded with the property and will run in perpetuity. is the use of groundwater, restrict the use of the Site cations must be submitted to the Department, and Management Plan.
		Monitoring Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan IC/EC Plan
The Deed Restriction future use of the Sit The Deed Restriction to restricted comment site management m	In is the legal instrument which set e. The Deed Restriction is filed an in recorded for the property restric rcial and industrial, periodic certific ust be in accordance with the Site	s forth the use restrictions and prohibitions on the d recorded with the property and will run in perpetuity. is the use of groundwater, restrict the use of the Site cations must be submitted to the Department, and Management Plan.
		Box 4
Description o	f Engineering Controls	
None Required		
Not Applicable/N	o EC's	

I

			Box 5
	Periodic Review Report (PRR) Certification Statements		
. 1	certify by checking "YES" below that:		
	 a) the Periodic Review report and all attachments were prepared under the direct reviewed by, the party making the Engineering Control certification; 	tion of,	and
	b) to the best of my knowledge and belief, the work and conclusions described in are in accordance with the requirements of the site remedial program, and general engineering practices; and the information presented is accurate and compete.	this ce Illy acce	rtification epted
		YES	NO
		Х	
. F fc	for each Engineering control listed in Box 4, I certify by checking "YES" below that all o ollowing statements are true:	f the	
	(a) The 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 Depa	artment	•
	(b) nothing has occurred that would impair the ability of such Control, to protect p the environment;	ublic he	ealth and
	(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;	he	
	(d) nothing has occurred that would constitute a violation or failure to comply with Site Management Plan for this Control; and	the	
	(e) if a financial assurance mechanism is required by the oversight document for mechanism remains valid and sufficient for its intended purpose established in the	the site e docun	, the nent.
		YES	NO
		Х	
	IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.		
AC	Corrective Measures Work Plan must be submitted along with this form to address the	ese iss	ues.
Sigi	nature of Owner, Remedial Party or Designated Representative Date		

Γ

IC CERTIFICATIONS SITE NO. B00018					
	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.					
PLUMLEY ENGINEERING, P.C.IDavid K. Meixell, P.E.print nameat8232 Loop Road, Baldwinsville, New York 13027print business address					
am certifying as Owner's Designated Representative	_(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	March 1, 2021 Date				