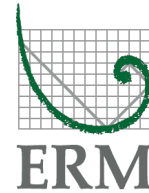


01 August 2023  
ERM Reference No. 0506713

105 Maxess Road  
Suite 316  
Melville, NY 11747  
(631) 756-8900  
<http://www.erm.com>

Mr. Josiah Johnson  
Remedial Project Manager – Fulton Avenue Superfund Site  
New York Remediation Branch  
United States Environmental Protection Agency, Region II  
290 Broadway, 20<sup>th</sup> Floor  
New York, NY 10007-1866



Re: Second Quarter 2023 Progress Report  
150 Fulton Avenue NPL Site - Operable Unit I  
USEPA Consent Judgment No. CV-09-3917  
DOJ Ref. No. 90-11-2-09329  
Garden City Park Industrial Site NYSDEC#130073

Dear Mr. Johnson:

On behalf of Genesco Inc. (Settling Defendant), this letter transmits the Second Quarter 2023 (April – June) Progress Report for the Fulton Avenue Superfund Site (Site).

### **OPERABLE UNIT 1 REMEDIAL DESIGN & INTERIM REMEDIAL ACTION**

During the reporting period, remedial action (RA) activities continued as specified in the U.S. Environmental Protection Agency's (EPA) 30 September 2015 Amended Operable Unit One (OU1) Record of Decision (ROD) for the Site. The OU1 Remedial Design (RD) and RA activities (the Work) are being implemented in accordance with the 2016 OU1 Consent Judgment (2016 CJ) and 2016 OU1 Statement of Work (2016 SOW) approved by the Court on 15 August 2016, and the EPA-approved 2017 OU1 RD Work Plan.

During 2016-2018, remedial design (RD) activities were completed and concluded with EPA's approval of the OU1 RD Report on 25 March 2019. During 2019-2020, an OU1 Remedial Action (RA) Report was prepared, submitted to, and approved by EPA on 13 November 2020. Remaining OU1 RA activities for which the Settling Defendant is responsible are:

- Long-term groundwater monitoring and reporting (**Table 1 & Figure 1**) and maintenance of the associated groundwater monitoring wells; and
- The sub-slab depressurization/venting system (SSDS) at the 150 Fulton Avenue property.

The Incorporated Village of Garden City (VGC) operates public supply Well Nos. 13 & 14 and the associated air stripper treatment systems, which are not under the Settling Defendant's control.

#### **Long-Term Groundwater Monitoring**

The long-term groundwater monitoring program commenced in September 2017 following EPA approval of the OU1 RD Work Plan, and is currently being implemented in accordance with the:

- 2016 CJ;
- Schedule provided in Attachment 1 of the 2016 SOW: Monitoring Well Sampling Program (see attached **Table 1**);
- EPA-approved 2017 Quality Assurance Project Plan (QAPP) for the Site; and

- OU1 RA Schedule (**Figure 3** of the OU1 Site Management Plan {SMP}).

Long-term groundwater monitoring well network locations are shown on the map presented as **Figure 1**.

**150 Fulton Avenue Sub-Slab Depressurization System (SSDS)**

Monthly drive-by checks confirm the SSDS fan continues to operate.

**VGC Water Supply Well Monitoring**

The VGC continued operations and maintenance (O&M), monitoring and protection (treatment) of VGC public supply Well Nos. 13 & 14. The VGC provided a new set of sampling results and pumpage records for VGC water supply Well Nos. 9, 13 and 14 for the period of April 2023 – June 2023.

The new data were incorporated into the existing database and used to update corresponding charts for the Well Nos. 13 & 14 showing PCE and TCE concentrations versus time, and historic monthly pumpage versus time to evaluate recent contaminant concentration trends depicted in the same. The updated charts for Well Nos. 13 & 14 are presented as **Figures 2 & 3**, respectively.

The pumpage records indicate Well No. 13 was used as the primary supply well during April 2023 and Well No. 14 was used as the primary supply well during May 2023 – June 2023. According to the VGC, influent (raw) water samples were not collected from Well No. 13 during April 2023 – May 2023. Nearby Well No. 9 was operated regularly during April 2023 – June 2023.

**Figure 4** presents average concentrations of PCE and TCE (and the corresponding PCE/TCE ratio) for Well Nos. 9 & 13 by year (2001 – 2022), and plots of average annual PCE and TCE concentrations versus time for each of well for comparison. Note that the plots for Well No. 14 have not been updated due to this well not being sampled during 2022, and those plots are shown for 2001 – 2021.

The data and resultant plots indicate that concentrations of PCE have fluctuated over time since 2007, but both maximum observed and annual average concentrations of PCE have been declining over time in Well Nos. 13 & 14. Concentrations of TCE have been declining in Well No. 13 and are beginning to decline in Well No. 14. A brief summary that puts the relative concentrations in perspective is presented in the table below.

VGC Well	Dominant Compound Historic High	2007 Average (µg/L)	2022 Average (µg/L)	Difference of Averages	% Change of Averages
<b>No. 13 (N-07058)</b>	<b>6/4/2007</b>				
PCE	1,020	722.6	288.3	-434.3	-60%
TCE	91.5	90.0	31.4	-58.6	-65%
VGC Well	Dominant Compound Historic High	2007 Average (µg/L)	2021 Average (µg/L)	Difference of Averages	% Change of Averages
<b>No. 14 (N-08339)</b>	<b>10/27/2007</b>				
PCE	769	370.1	367.0	-3.1	-1%
TCE	69	38.9	21.5	-17.4	-45%

**UPCOMING ACTIVITIES**

***Long-Term Groundwater Monitoring***

This is Year 6 of the long-term groundwater monitoring program. Long-term groundwater monitoring of Group 1 (GCP-01/01D, 08, 15S, 18S/18D, MWs- 15 A-B, 20 A-C, 22 A-C, 23 A-D) will continue in late August 2023 (tentatively schedule for the week of 28 August

2023) in accordance with the annual sampling schedule established in the 2016 SOW (**Table 1**) and indicated in the OU1 RA Schedule (**Figure 3** of the Site Management Plan). Year 6 sampling does not include sampling Group 2 (MWs 21A-D) and Group 3 (MWs 26A-H, 27A-H, 28A-H).

**150 Fulton Avenue Sub-Slab Depressurization System (SSDS)**

Continued monthly checks to confirm the SSDS fan is operating.

**VGC Water Supply Well Monitoring**

A new set of sampling and pumpage records for VGC public supply Well Nos. 9, 13 & 14 for July 2023 through September 2023 will be obtained, and the updated charts and tables will be presented in the Third Quarter 2023 Progress Report in October 2023.

If you should have any questions or wish to discuss the content of this progress report, please do not hesitate to call me at (631) 756-8920.

Sincerely,



Chris W. Wenczel, P.G.

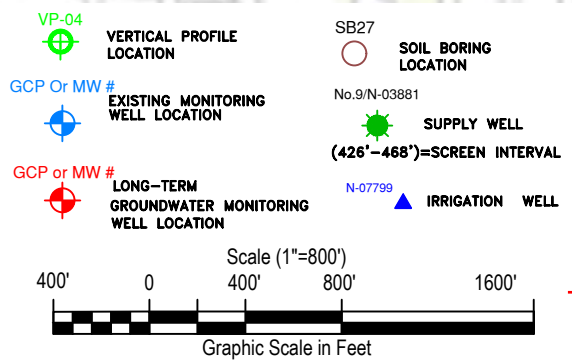
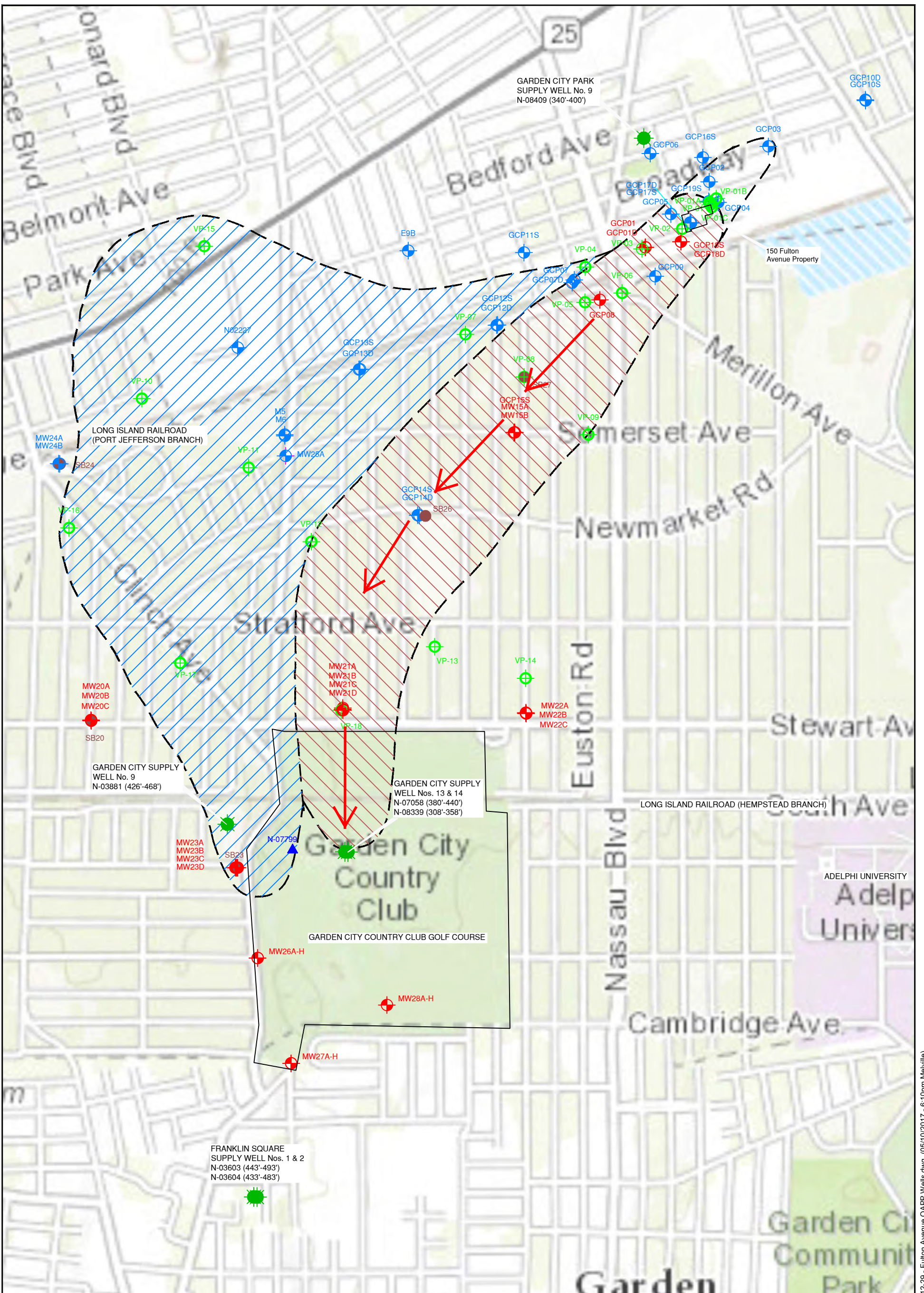
**Consultant Director/Hydrogeologist/Project Coordinator**

Attachments

cc: Andrea Leshak, Esq., USEPA  
Damian Duda, USEPA  
Matthew Silverman, USDOJ  
Steven M. Scharf, P.E., NYSDEC  
John Swartwout, NYSDEC  
Scott Becker, Genesco Inc.  
Thor Urness, Esq., Bradley  
Jeff Sheehan, Esq., Bradley

**FIGURES**



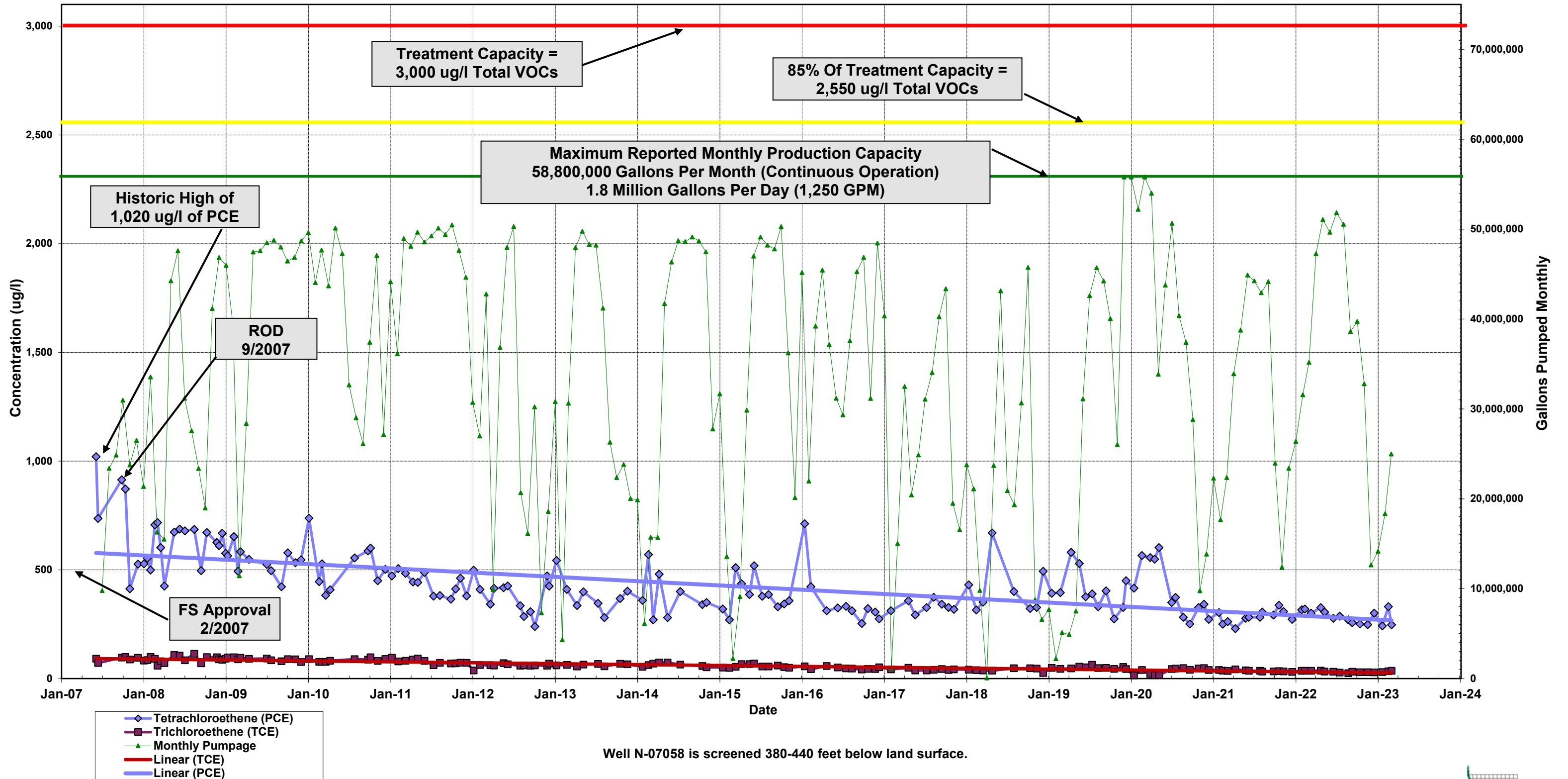


VP-04 VERTICAL PROFILE LOCATION  
 GCP or MW # EXISTING MONITORING WELL LOCATION  
 GCP or MW # LONG-TERM GROUNDWATER MONITORING WELL LOCATION  
 SB27 SOIL BORING LOCATION  
 No. 9/N-03881 SUPPLY WELL  
 (426'-468')=SCREEN INTERVAL  
 N-07799 IRRIGATION WELL  
 [Red Hatching] HISTORICAL EXTENT OF OU1 PLUME (TETRACHLOROETHENE {PCE}-DOMINANT PLUME) WHERE THE TOTAL VOLATILE ORGANIC CONCENTRATION WAS >100 UG/L  
 [Blue Hatching] HISTORICAL EXTENT OF OU2 PLUME (TRICHLOROETHENE {TCE}-DOMINANT PLUME) WHERE THE TOTAL VOLATILE ORGANIC CONCENTRATION WAS >100 UG/L  
 \* NOTE:  
 THE AREAL EXTENT OF CHLORINATED VOLATILE ORGANIC COMPOUNDS DEPICTED IN THIS FIGURE IS BASED ON THE MAXIMUM CONCENTRATIONS DETECTED IN GROUNDWATER SAMPLES OBTAINED FROM VERTICAL PROFILE TEMPORARY WELLS INSTALLED DURING 1999 - 2000, AND PERMANENT WELLS DURING SEPTEMBER 2001 - MAY 2005.  
 [Red Arrow] GENERALIZED GROUNDWATER FLOW PATH

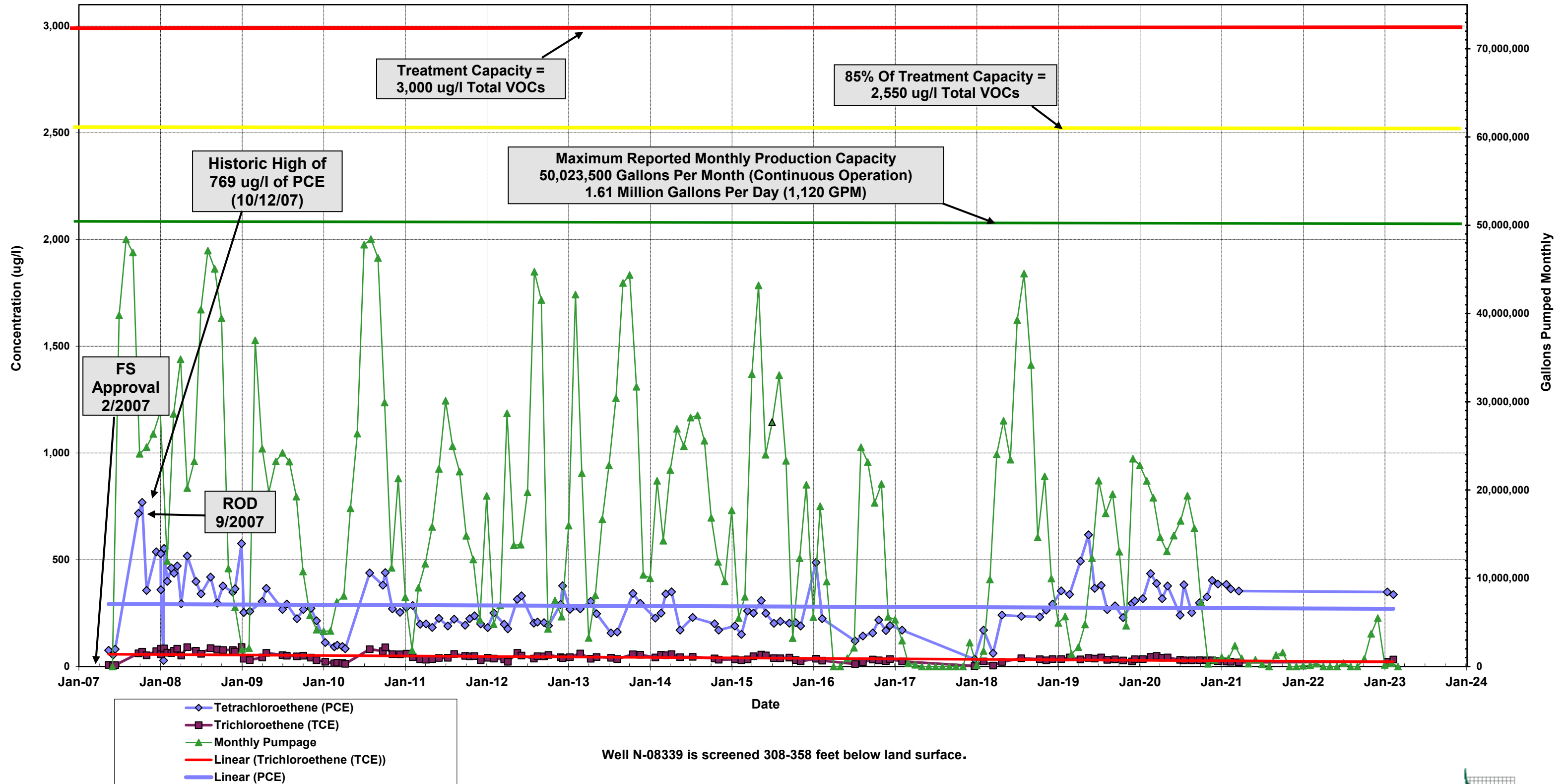
TITLE <b>Long-Term Groundwater Monitoring Well Network Well Locations          Fulton Avenue Superfund Site          Garden City/Garden City Park, NY</b>			
PREPARED FOR <b>Genesco Inc.</b>			
Environmental Resources Management 			FIGURE <b>1</b>
DRAWN BY EMF	SCALE AS SHOWN	DATE 10/04/16	JOB NO. 0097881



**FIGURE 2**  
**HISTORICAL TETRACHLOROETHENE & TRICHLOROETHENE CONCENTRATIONS AND MONTHLY WELL PUMPAGE: JANUARY 2007 - MARCH 2023**  
**PUBLIC WATER SUPPLY WELL # N-07058 (GARDEN CITY WELL NO. 13), GARDEN CITY, NEW YORK**



**FIGURE 3**  
**HISTORICAL TETRACHLOROETHENE & TRICHLOROETHENE CONCENTRATIONS AND MONTHLY WELL PUMPAGE: JANUARY 2007 - MARCH 2023**  
**PUBLIC WATER SUPPLY WELL # N-08339 (GARDEN CITY WELL NO. 14), GARDEN CITY, NEW YORK**



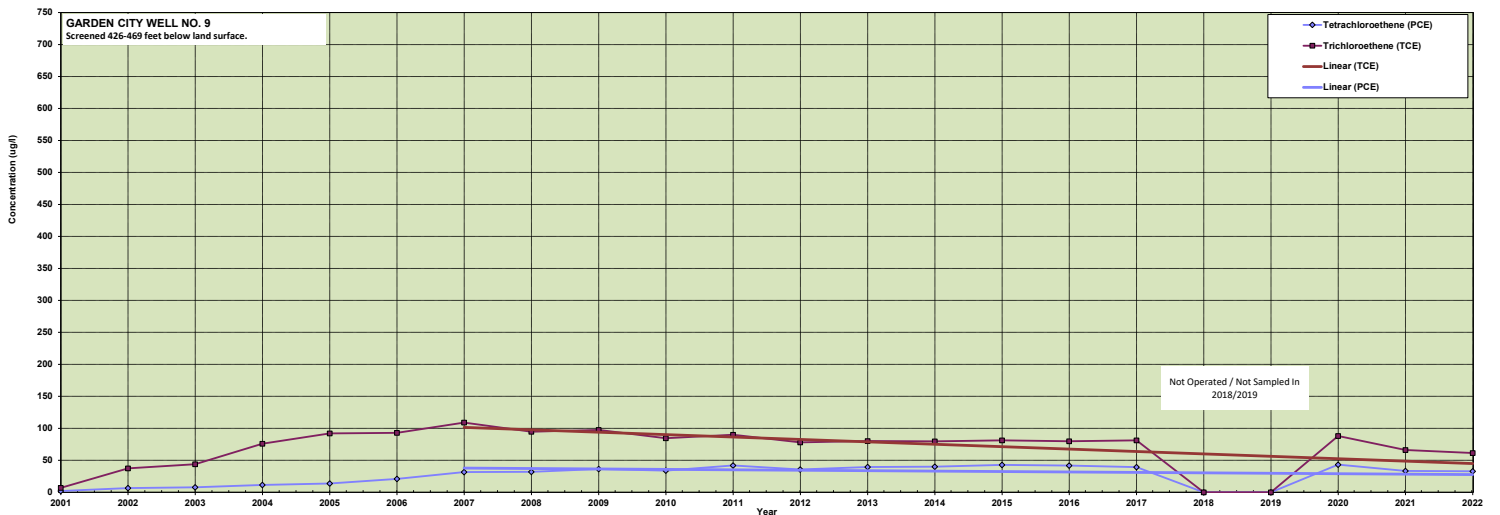
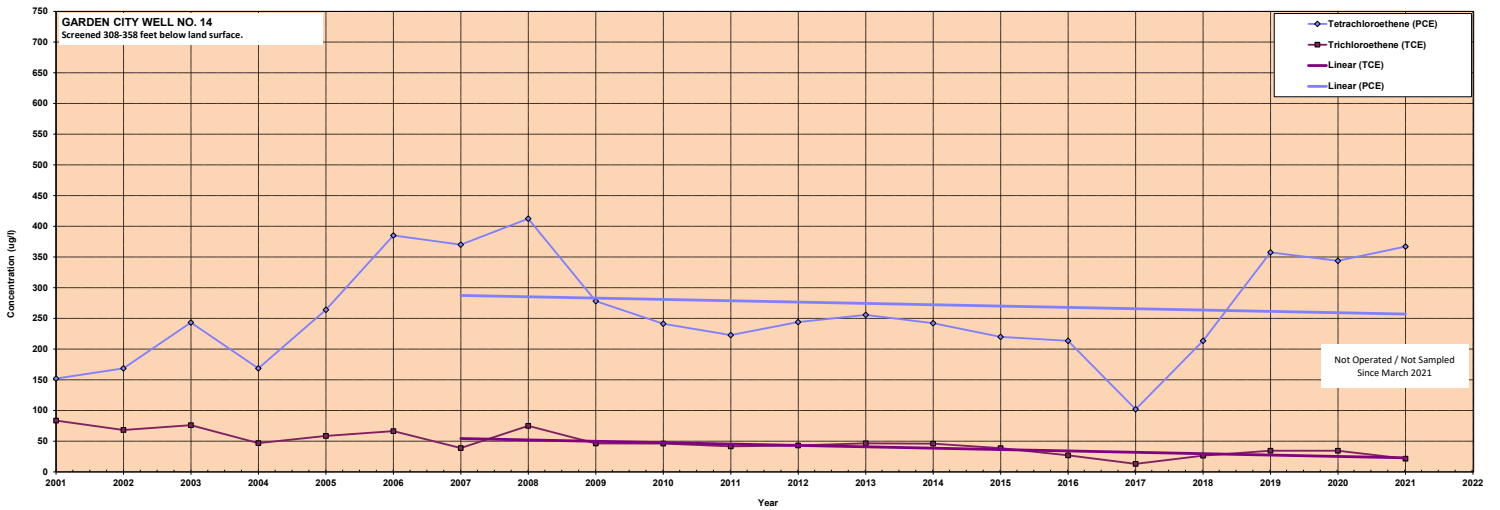
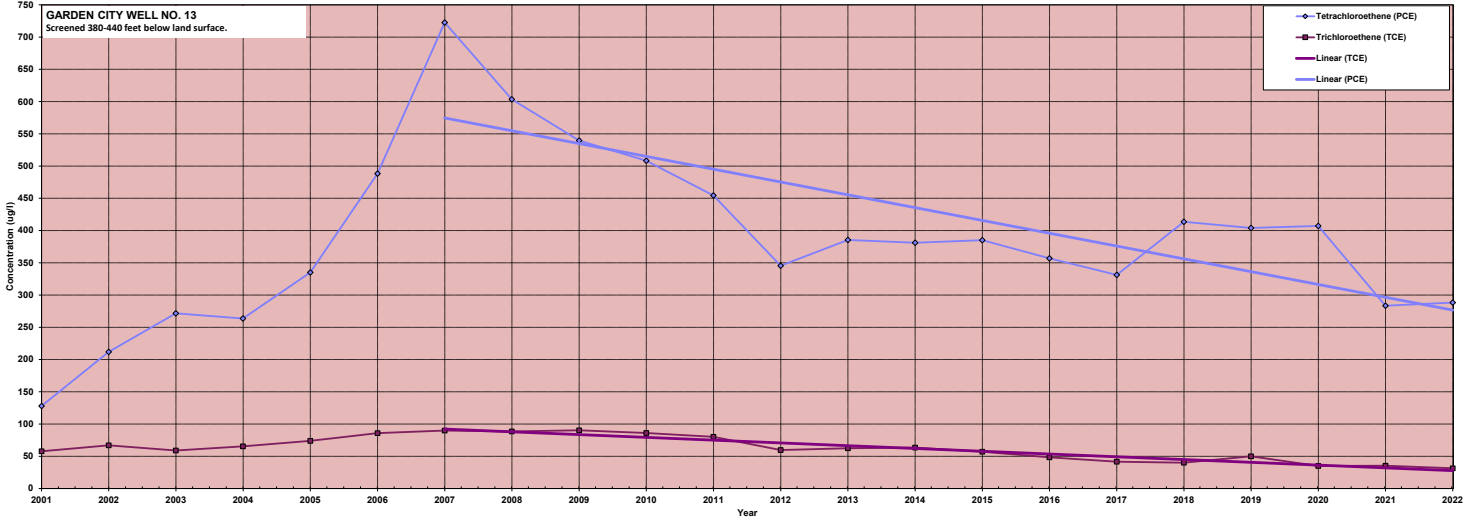
Well N-08339 is screened 308-358 feet below land surface.



**FIGURE 4**  
**HISTORIC AVERAGE TETRACHLOROETHENE AND TRICHLOROETHENE CONCENTRATIONS BY YEAR 2001 - 2022**  
**GARDEN CITY PUBLIC WATER SUPPLY WELL NOS. 9, 13 14, GARDEN CITY, NEW YORK**



Year	2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		
	Compound	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE	PCE	TCE				
Well No. 13 (N-07058)	Average Concentration	128.0	57.8	211.8	67.0	271.7	59.0	283.6	65.3	335.0	73.9	488.3	85.8	722.6	90.0	603.4	88.5	539.5	90.3	508.3	86.1	454.3	80.2	345.4	59.7	385.5	62.5	381.1	63.4	385.1	57.1	357.0	48.3	331.3	41.6	413.6	40.0	404.1	49.9	407.1	35.0	283.5	35.4	288.3	31.4
	Ratio PCE/TCE	2.2		3.2		4.6		4.0		4.5		5.7		8.0		6.8		6.0		5.9		5.7		5.8		6.2		6.0		6.7		7.4		8.0		10.3		8.1		11.6		8.0		9.2	
Well No. 14 (N-08339)	Average Concentration	152.0	83.6	168.7	68.2	243.3	76.2	168.6	46.9	264.2	58.6	385.0	66.5	370.1	38.9	412.4	75.0	278.1	46.3	241.2	46.2	222.8	41.7	244.1	43.1	255.8	46.6	242.1	45.9	219.9	38.9	213.6	27.1	102.0	13.1	213.6	26.5	357.5	34.6	343.8	34.5	367.0	21.5	Not Operated / Not Sampled	
	Ratio PCE/TCE	1.8		2.5		3.2		3.6		4.5		5.8		9.5		5.5		6.0		5.2		5.3		5.7		5.5		5.3		5.7		7.9		7.8		8.1		10.4		10.0		17.1		Not Operated / Not Sampled	
Well No. 9 (N-03881)	Average Concentration	2.1	7.0	6.6	37.5	7.9	44.0	11.6	76.0	13.7	92.0	21.0	93.0	31.6	109.0	32.0	94.8	36.4	97.5	33.9	84.6	42.0	90.0	35.7	78.1	39.5	80.2	40.1	79.6	42.8	81.2	41.8	79.8	39.4	81.2	Not Operated / Not Sampled				43.3	88.0	33.4	66.2	32.8	61.5
	Ratio PCE/TCE	0.3		0.2		0.2		0.2		0.1		0.3		0.3		0.3		0.4		0.4		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5	





**TABLES**

**Table 1**  
**OU1 Long-Term Monitoring Well Sampling Program**  
**Fulton Avenue Superfund Site**  
**Garden City Park, New York**



**Per 2016 SOW Attachment 1: Monitoring Well Sampling Program**

**Group 1 Wells** are as follows:

GCP-01 S/D  
GCP 08  
GCP-18 S/D  
GCP-15S  
MW15 A-B  
MW20 A-C  
MW22 A-C  
MW23 A-D

Group 1 Wells shall be sampled and analyzed at the following frequency:

The first sampling round shall commence within 20 days of EPA approval of the RD Work Plan, and sampling shall be performed every 24 months thereafter.

**Group 2 Wells** are as follows:

MW21 A-D

Group 2 Wells shall be sampled and analyzed at the following frequency:

Year 1 – quarterly, to commence approximately 30 days after completion of construction of MW21 D and MW28 A-H  
Year 2 – semi-annually (every six months)  
Year 3 – semi-annually (every six months)  
Year 4 – no sampling and analysis  
Year 5 (and beyond) – once in year 5 and every 24 months thereafter.

**Group 3 Wells** are as follows:

MW26 A-H  
MW27 A-H  
MW28 A-H

Group 3 Wells shall be sampled and analyzed at the following frequency:

Year 1 – quarterly, to commence approximately 30 days after completion of construction of MW21 D and MW28 A-H  
Year 2 – 9 of 24 zones with EPA approval of the specific zones, semi-annually (every six months)  
Year 3 – 9 of 24 zones with EPA approval of the specific zones, semi-annually (every six months)  
Year 4 – no sampling and analysis  
Year 5 (and beyond) – once in year 5 and every 24 months thereafter.