Ms. Tara Rutland
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233

Arcadis of New York, Inc.
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United States
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Date: December 6, 2023
Arcadis Ref: 30002639

Subject: 2023 Annual Certification Report
Henry Johnson Boulevard Properties
City of Albany, New York
Project No. E401049

Dear Ms. Rutland,

On behalf of the City of Albany Community Development Agency, Arcadis of New York, Inc. (Arcadis) is pleased to submit the annual certification report for the above-referenced site to the New York State Department of Environmental Conservation (NYSDEC). In accordance with the approved Site Management Plan (SMP), semi-annual permanganate distribution monitoring was conducted in May and November 2023. Permanganate cylinders were last replaced in June 2021. The site was inspected in May and November 2023. This report summarizes the results of permanganate monitoring, groundwater samples collected to-date, site conditions, maintenance activities, and the status and effectiveness of institutional controls.

The finished ground surface of the site is either crushed stone or vegetated with grass, trees, or shrubs. The City of Albany Department of General Services (DGS) maintains the surface vegetation at the site. During the May and November 2023 permanganate distribution monitoring events, the site was inspected to verify that the approved remedy has been maintained; and that the conditions at the site are protective of public health and the environment. In 2023, there were no known changes to the surface cover and no excavations that disturbed subsurface materials. The site inspection forms and site photographs are provided in Attachment 1.

The environmental easement for the site was executed by the NYSDEC on December 29, 2015, and filed with the Albany County Clerk on February 18, 2016. The environmental easement requires that (1) Institutional and Engineering Controls be maintained and monitored; (2) future exposure to remaining contamination be prevented by controlling disturbances of the subsurface contamination; and (3) the use and development of the site be limited to commercial and industrial uses only, as permitted by zoning. The Certificate of Completion for the site was executed by the NYSDEC on March 30, 2016.

A summary of water levels measured and permanganate presence in each monitoring well is provided in Table 1. Sustained release potassium permanganate cylinders originally placed in monitoring wells IW-1, MW-10R, and MW-22R in May 2015 to address residual chlorinated volatile organic compounds (CVOCs) groundwater impacts at the site were replaced annually between 2015 and 2021 and were last replaced in June 2021. However, these sustained release permanganate cylinders are no longer commercially available, and a suitable replacement

product cannot be identified at this time. In consultation with the NYSDEC, groundwater conditions will be monitored more frequently and the need for any additional groundwater treatment will be evaluated in the future. Groundwater samples were collected from site monitoring wells in November 2023, with the exception of IW-1 due to the presence of permanganate. Groundwater purge logs are provided in Attachment 2 and laboratory analytical reporting forms are provided in Attachment 3. Groundwater results are summarized in Table 2 and illustrated on Figure 1. As shown on Figure 1, residual CVOC impacts in site groundwater remain at the site, but are generally present at similar or lower concentrations than the 2022 sampling event, with significant reductions in tetrachloroethene (PCE) in down-gradient wells MW-10R and MW-22R. In consultation with the NYSDEC and in accordance with the revised SMP submitted in July 2023, the next groundwater sampling event will be November 2024.

Review of the permanganate distribution data and groundwater sampling analytical results from previous years indicates that the concentrations of CVOCs in the site monitoring well network appear to be stable or decreasing with time. Significant reductions in PCE were noted in down-gradient monitoring wells in 2023. Collectively, the results from the 2023 monitoring and inspection indicate that the remedy for the site remains effective, down-gradient receptors have not been adversely affected, and institutional controls for the site are in place. Semi-annual site inspections, and long-term groundwater monitoring every year to monitor CVOC attenuation will continue in accordance with the SMP.

If you have any questions concerning this matter, please call me at (518) 250-7334.

Sincerely,
Arcadis of New York, Inc.

Stefan Bagnato
Principal Geologist, P.G. NY#000217

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Direct Line: 518 250 7334

CC. Michael Foley, ACDA (w/enclosures)
Sally Rushford, NYSDOH (w/enclosures)
Christopher O'Neill, NYSDEC (w/enclosures)

HENRY JOHNSON BOULEVARD

(A.K.A. NORTHERN BOULEVARD)

ASPHALT PAVEMENT

NOTE: Groundwater VOC concentrations for detected compounds given in µg/L.

= Concentration exceeds corresponding NYSDEC Class GA Groundwater Standard.

J = Compound detected below the reporting limit or is estimated.

D = Concentration was obtained from a diluted analysis.

E - Concentration exceeded the calibration range.

*+ = LCS and/or LCSD is outside acceptance limits, high biased.

*- = LCS and/or LCSD is outside acceptance limits, low biased.

SOIL REMOVAL AREA 2

HJB-MW-10R Compound	Class GA Standard	Sep-11	Jul-12	Feb-13	Aug-13	Feb-14	Aug-14	Mar-15	Nov-15	Jun-17	May-20	Nov-22	Nov-23
cis-1,2-Dichloroethene	5	ND	ND	ND	1.2 BJ	ND	ND	ND	Not sampled, MnO4- present	Not sampled, MnO4- present	ND	2.6	ND
Tetrachloroethene	5	160	2,300 D	300 D	77	51	120	110			3,800	57 *+	6.2 *-
Trichloroethene	5	1.4 J	24	5.6 DJ	2.7 BJ	ND	1.7 J	1.5 J			130	6.3	0.56 J
Vinyl Chloride	2	ND	ND	ND	0.66 J	ND	ND	ND			220	ND	ND

HJB-MW-10 Compound	Class GA Standard	Jul-06	Oct-06	Jun-11
Tetrachloroethene	5	ND	ND	1.6 J

HJB-IW-1 Compound	Class GA Standard	Jun-11	Sep-11	Jul-12	Feb-13	Aug-13	Feb-14	Aug-14	Mar-15	Nov-15	Jun-17	May-20	Nov-22	Nov-23
cis-1,2-Dichloroethene	5	47	75	Not sampled, MnO4- present	Not sampled, MnO4- present	Not sampled, MnO4- present	Not sampled, MnO4- present	25	17	Not sampled, MnO4- present	Not sampled, MnO4- present	ND	Not sampled, MnO4- present	Not sampled, MnO4- present
Tetrachloroethene	5	100	140					90	110			30		
Trichloroethene	5	16	30					14	14			ND		
Vinyl Chloride	2	3.3 J	3.7					2.2 J	ND			ND		

HJB-MW-11/11R Compound	Class GA Standard	Jul-06	Oct-06	Jul-07	Jun-11	Sep-11	Jul-12	Feb-13	Aug-13	Feb-14	Aug-14	Mar-15	Nov-15	Jun-17	May-20	Nov-22	Nov-23
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41	ND	0.45 J	ND
Tetrachloroethene	5	ND	4 J	ND	ND	1.4 J	ND	ND	ND	ND	1.5 J	3.3 J	ND	0.95	ND	ND	ND

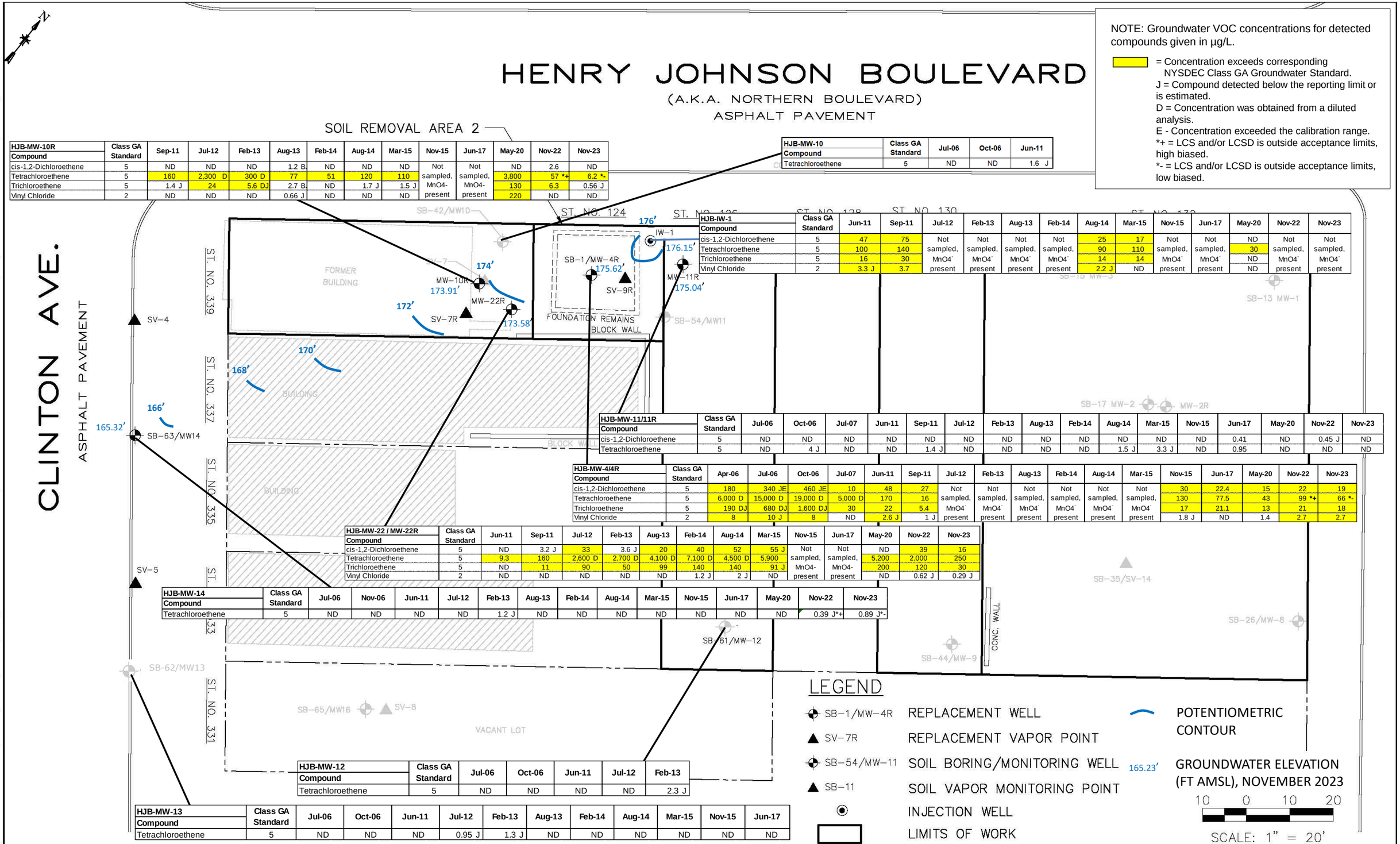
HJB-MW-4/4R Compound	Class GA Standard	Apr-06	Jul-06	Oct-06	Jul-07	Jun-11	Sep-11	Jul-12	Feb-13	Aug-13	Feb-14	Aug-14	Mar-15	Nov-15	Jun-17	May-20	Nov-22	Nov-23
cis-1,2-Dichloroethene	5	180	340 JE	460 JE	10	48	27	Not sampled, MnO4- present	Not sampled, MnO4- present	Not sampled, MnO4- present	Not sampled, MnO4- present	Not sampled, MnO4- present	Not sampled, MnO4- present	30	22.4	15	22	19
Tetrachloroethene	5	6,000 D	15,000 D	19,000 D	5,000 D	170	16							130	77.5	43	99 *+	66 *-
Trichloroethene	5	190 DJ	680 DJ	1,600 DJ	30	22	5.4							17	21.1	13	21	18
Vinyl Chloride	2	8	10 J	8	ND	2.6 J	1 J							1.8 J	ND	1.4	2.7	2.7

HJB-MW-22 / MW-22R Compound	Class GA Standard	Jun-11	Sep-11	Jul-12	Feb-13	Aug-13	Feb-14	Aug-14	Mar-15	Nov-15	Jun-17	May-20	Nov-22	Nov-23
cis-1,2-Dichloroethene	5	ND	3.2 J	33	3.6 J	20	40	52	55 J	Not sampled, MnO4- present	Not sampled, MnO4- present	ND	39	16
Tetrachloroethene	5	9.3	160	2,600 D	2,700 D	4,100 D	7,100 D	4,500 D	5,900			5,200	2,000	250
Trichloroethene	5	ND	11	90	50	99	140	140	91 J			200	120	30
Vinyl Chloride	2	ND	ND	ND	ND	ND	1.2 J	2 J	ND			ND	0.62 J	0.29 J

HJB-MW-14 Compound	Class GA Standard	Jul-06	Nov-06	Jun-11	Jul-12	Feb-13	Aug-13	Feb-14	Aug-14	Mar-15	Nov-15	Jun-17	May-20	Nov-22	Nov-23
Tetrachloroethene	5	ND	ND	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	ND	0.39 J*+	0.89 J*-

HJB-MW-12 Compound	Class GA Standard	Jul-06	Oct-06	Jun-11	Jul-12	Feb-13
Tetrachloroethene	5	ND	ND	ND	ND	2.3 J

HJB-MW-13 Compound	Class GA Standard	Jul-06	Oct-06	Jun-11	Jul-12	Feb-13	Aug-13	Feb-14	Aug-14	Mar-15	Nov-15	Jun-17
Tetrachloroethene	5	ND	ND	ND	0.95 J	1.3 J	ND	ND	ND	ND	ND	ND



LEGEND

- SB-1/MW-4R — REPLACEMENT WELL
- SV-7R — REPLACEMENT VAPOR POINT
- SB-54/MW-11 — SOIL BORING/MONITORING WELL
- SB-11 — SOIL VAPOR MONITORING POINT
- INJECTION WELL
- LIMITS OF WORK
- POTENTIOMETRIC CONTOUR
- 165.23' — GROUNDWATER ELEVATION (FT AMSL), NOVEMBER 2023

10 0 10 20

SCALE: 1" = 20'

ARCADIS

CITY OF ALBANY
ALBANY, NEW YORK
HENRY JOHNSON BOULEVARD ERP

SUMMARY OF GROUNDWATER CVOC SAMPLING RESULTS

ARCADIS–US
MAY 2024
FIGURE 1

Table 1
Summary of Post-Injection Monitoring
Henry Johnson Boulevard Properties
Albany, New York

Date	Depth to Water (feet BTOC)							Notes
	IW-1	MW-4R	MW-11R	MW-22R	MW-10R	MW-13	MW-14	
11/16/11 8:00 AM Baseline	6.51	5.17	6.80	7.17	6.45	-	-	
11/16/11 2:00 PM	- (> 100 mg/L)	0.82 (> 100 mg/L)	6.71	7.20	6.3	8.31	9.55	
11/17/11 3:00 PM	5.53 (> 100 mg/L)	4.16 (> 100 mg/L)	6.76	7.01	5.83	8.45	9.57	
11/22/11 11:00 AM	5.89 (> 100 mg/L)	4.51 (> 100 mg/L)	6.77	7.25	5.97	8.74	9.66	
11/30/11 2:30 PM	5.99 (> 100 mg/L)	4.62 (> 100 mg/L)	6.79	7.04	5.77	8.20	9.51	
12/8/11 3:00 PM	6.01 (> 100 mg/L)	4.65 (> 100 mg/L)	6.79	7.15	5.72	8.10	9.59	
12/16/11 8:00 AM	6.06 (> 100 mg/L)	4.70 (> 100 mg/L)	6.76	7.06	5.87	8.49	9.55	
1/4/12 3:00 PM	5.90 (> 100 mg/L)	4.55 (> 100 mg/L)	6.79	7.00	5.72	8.49	9.68	
1/19/12 2:30 PM	6.06 (> 100 mg/L)	4.69 (> 100 mg/L)	6.78	7.27	6.24	8.61	9.80	
2/1/12 8:00 AM	5.98 (> 100 mg/L)	4.61 (> 100 mg/L)	6.80	7.24	6.03	8.44	9.53	
2/15/12 3:00 PM	6.26 (near 100 mg/L)	4.88 (> 100 mg/L)	6.80	7.46	6.14	8.68	9.87	
3/2/12 8:00 AM	6.43 (~50- >100 mg/L)	5.08 (> 100 mg/L)	6.80	7.23	6.02	8.61	9.79	
3/15/12 8:00 AM	5.92 (near 100 mg/L)	4.53 (> 100 mg/L)	6.80	6.26	5.99	8.53	9.85	
3/29/12 11:00 AM	6.08 (near 100 mg/L)	4.72 (> 100 mg/L)	6.82	6.51	6.25	8.66	9.80	
4/17/12 3:00 PM	6.48 (> 100 mg/L)	5.11 (> 100 mg/L)	6.88	6.94	6.70	8.84	10.06	
5/17/12 8:00 AM	5.67 (> 100 mg/L)	4.31 (> 100 mg/L)	6.72	5.69	5.42	8.31	9.62	

Table 1
Summary of Post-Injection Monitoring
Henry Johnson Boulevard Properties
Albany, New York

Date	Depth to Water (feet BTOC)							Notes
	IW-1	MW-4R	MW-11R	MW-22R	MW-10R	MW-13	MW-14	
7/3/12 2:30 PM	6.87 (> 100 mg/L)	5.49 (> 100 mg/L)	7.12	7.65	7.38	9.22	10.06	
12/3/12 8:00 AM	8.18 (> 100 mg/L)	6.81 (> 100 mg/L)	7.06	9.42	7.49	9.50	10.03	
1/9/13 2:00 PM	6.68 (> 100 mg/L)	5.35 (> 100 mg/L)	6.83	7.24	6.93	NM	NM	
2/13/13 8:30 AM	6.39 (> 100 mg/L)	5.01 (> 100 mg/L)	6.84	6.88	6.57	8.14	9.63	
4/3/13 11:00 AM	6.27 (> 100 mg/L)	4.90 (> 100 mg/L)	6.81	6.15	5.88	8.49	9.76	
6/11/13 1:00 PM	5.48 (> 100 mg/L)	4.09 (> 100 mg/L)	6.73	4.89	4.45	8.25	9.59	
8/27/13 8:00 AM	7.70 (> 100 mg/L)	6.63 (> 100 mg/L)	12.29	9.66	7.66	9.36	9.55	
12/4/13 2:30 PM	7.24 (> 100 mg/L)	5.90 (> 100 mg/L)	6.97	7.47	7.18	9.13	9.93	
2/11/14 7:30 AM	7.09 (> 100 mg/L)	5.71 (> 100 mg/L)	7.06	8.16	7.86	8.86	9.90	
6/25/14 8:00 AM	6.40 (~ 10 mg/L)	5.03 (~ 75 mg/L)	6.97	6.65	6.32	8.88	9.63	
8/22/14 8:00 AM	7.28	5.90 (~ 75 mg/L)	7.31	7.93	7.55	9.20	9.54	
12/22/14 8:00 AM	5.98	4.62 (~50 mg/L)	6.88	5.33	5.78	8.45	9.32	
3/5/15 11:00 AM	7.73	6.36 (~50 mg/L)	7.90	9.96	9.75	8.83	9.92	
6/11/15 8:30 AM	5.84	4.47	6.93	5.23	4.72	8.51	9.56	
7/22/15 9:00 AM	6.82 (~50 mg/L)	5.44	7.10	(>100 mg/L)	6.65 (>100 mg/L)	8.48	9.40	Water level was below MnO4 cylinders at MW 22R. DTW > 6.78'.
11/5/15 8:45 AM	6.16 (~25 mg/L)	4.76	6.96	6.99 (~25 mg/L)	6.50 (~50 mg/L)	8.56	9.39	

Table 1
Summary of Post-Injection Monitoring
Henry Johnson Boulevard Properties
Albany, New York

Date	Depth to Water (feet BTOC)							Notes
	IW-1	MW-4R	MW-11R	MW-22R	MW-10R	MW-13	MW-14	
6/10/16 8:30 AM	6.88	5.50	7.14	7.00 (~1.0 mg/L)	6.59 (~0.5 mg/L)	8.36	9.48	
10/6/16 9:00 AM	8.25 (~100 mg/L)	6.90	10.79	6.79 (~100 mg/L)	6.71 (>100 mg/L)	8.98	9.61	
6/13/17 8:30 AM	6.29 (>100 mg/L)	4.92	7.09	6.50 (~100 mg/L)	5.69 (>100 mg/L)	8.81	9.63	
10/17/17 8:30 AM	8.36 (>100 mg/L)	7.01	10.559	11.18 (~100 mg/L)	10.02 (>100 mg/L)	9.25	9.73	
6/7/18 8:30 AM	7.01 (>100 mg/L)	5.65	7.19	8.06 (~100 mg/L)	7.19 (>100 mg/L)	9.01	9.85	
9/24/18 8:55 AM	6.56 (>100 mg/L)	5.19	7.23	8.40 (~100 mg/L)	6.63 (>100 mg/L)	8.77	9.45	
4/26/19 10:30 AM	5.95 (~10 mg/L)	4.58	7.02	5.94 (~5 mg/L)	5.24 (~10 mg/L)	8.61	9.81	
10/7/19 9:00 AM	8.01 (>100 mg/L)	6.53	9.38	9.30 (>100 mg/L)	8.14 (>100 mg/L)	9.35	9.69	
5/14/20 8:30 AM	6.48 (~1.0 mg/L)	4.94	7.11	7.51 (~50 mg/L)	6.06 (~10 mg/L)	NM	10.22	
10/7/20 7:30 AM	9.32 (~25 mg/L)	7.95 (<0.5 mg/L)	11.73 (<0.5 mg/L)	6.25 (>100 mg/L)	10.60 (>100 mg/L)	NM	10.00 (<0.5 mg/L)	Concentrations measured after purging 2 gallons from well
6/28/21 8:00 AM	7.49 (~25 mg/L)	6.08	7.96	9.20 (~50 mg/L)	7.83 (>100 mg/L)	9.15	9.22	
9/23/21 9:00 AM	6.90 (~25 mg/L)	5.57	7.32	8.85 (~50 mg/L)	7.18 (~25 mg/L)	Abandoned	9.58	Concentrations measured after purging 2 gallons from well
6/7/22 10:00 AM	6.98 (~25 mg/L)	5.62	7.34	7.80 (~5.0 mg/L)	7.22 (~2.5 mg/L)	Abandoned	9.85	Concentrations measured after purging 2.5 gallons from well
11/17/22 8:30 AM	6.41 (~5 mg/L)	5.03	7.13	6.74 (~1 mg/L)	4.97 (~1 mg/L)	Abandoned	9.59	Concentrations measured after purging 3 - 10 gallons from well
5/23/23 10:00 AM	7.04 (~5 mg/L)	5.67	7.34	7.42 (~1 mg/L)	7.05 (~0.5 mg/L)	Abandoned	9.85 (~0.5 mg/L)	Concentrations measured after purging 3 - 4 gallons from well
11/8/23 10:00 AM	6.38 (~5 mg/L)	5.56	7.25	7.16	6.61	Abandoned	9.50	Concentrations measured after purging 3 gallons from well

Notes:

BTOC - below top of casing.

NM - Not measured.

- Permanganate present in well (estimated concentration given).

TABLE 2
SUMMARY OF DETECTED VOCS IN GROUNDWATER
HENRY JOHNSON BOULEVARD PROPERTIES ERP
CITY OF ALBANY, NEW YORK

Well ID	NYSDEC	IW-1				
Sample ID	Class GA	HJB-IW-1	HJB-IW-1	HJB-IW-1	HJB-IW-1	HJB-IW-1
Duplicate	Standard or					
Sampling Date	Guidance Value	6/14/2011	9/13/2011	8/22/2014	3/5/2015	5/20/2020
Matrix		WATER	WATER	WATER	WATER	WATER
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
VOCs						
1,1,1,2-Tetrachloroethane		5 U	5 U	5 U	5 U	1 U
1,1-Dichloroethane		5 U	5 U	5 U	5 U	1 U
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	1 U
Acetone	50	5 U	5 U	5 U	5 U	10 U
Benzene	1	5 U	5 U	5 U	5 U	1 U
Bromomethane	5	5 U	5 U	5 U	5 U	1 U
Carbon Disulfide		5 U	5 U	5 U	5 U	1 U
Carbon Tetrachloride	5	5 U	5 U	5 U	5 U	1 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	1 U
Chloroethane	5	5 U	5 U	5 U	5 U	1 U
Chloroform	7	2.7 J	5 U	1.5 J	1.5 J	1 U
Chloromethane		5 U	5 U	5 U	5 U	1 U
cis-1,2-Dichloroethene	5	**47**	**75**	**25**	**17**	1 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	1 U
Dibromochloromethane	50	5 U	5 U	5 U	5 U	1 U
Dibromomethane		5 U	5 U	5 U	5 U	1 U
Ethylbenzene	5	5 U	5 U	5 U	5 U	1 U
Hexachlorobutadiene		5 U	5 U	5 U	5 U	2 U
Iodomethane		5 U	5 U	5 U	5 U	1 U
Isopropylbenzene	5	5 U	5 U	5 U	5 U	1 U
m,p-Xylene	5	5 U	5 U	5 U	5 U	2 U
Methyl tert-butyl ether	10	5 U	5 U	5 U	5 U	1 U
Methylene Chloride	5	1.1 J	5 U	5 U	5 U	1 U
Naphthalene	10	5 U	5 U	5 U	5 U	1 U
n-Butylbenzene		5 U	5 U	5 U	5 U	U
n-Propylbenzene		5 U	5 U	5 U	5 U	U
o-Xylene		5 U	5 U	5 U	5 U	U
sec-Butylbenzene		5 U	5 U	5 U	5 U	U
Styrene		5 U	5 U	5 U	5 U	U
tert-Butylbenzene		5 U	5 U	5 U	5 U	U
Tetrachloroethene	5	**100**	**140**	**90**	**110**	**30**
Toluene	5	5 U	5 U	5 U	5 U	U
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	1 U
trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	1 U
Trichloroethene	5	**16**	**30**	**14**	**14**	1 U
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	1 U
Vinyl Chloride	2	**3.3 J**	**3.7**	**2.2 J**	5 U	1 U

Notes

- Concentration exceeds NYSDEC Class GA Standard

U - The compound was not detected at the indicated concentration
J - Compound detected below the reporting limit or is estimated
*+ - LCS and/or LCSD is outside acceptance limits, high biased
*- - LCS and/or LCSD is outside acceptance limits, low biased
E - Concentration exceeded the calibration range.
N - Positively identified TICS.
B - The analyte was found in the method blank as well as sample.
D - Concentration was obtained from a diluted analysis.
NA - Not Analyzed.

TABLE 2
SUMMARY OF DETECTED VOCS IN GROUNDWATER
HENRY JOHNSON BOULEVARD PROPERTIES ERP
CITY OF ALBANY, NEW YORK

Well ID	NYSDEC	MW-4 / MW-4R														
Sample ID	Class GA	HJB-MW-4	HJB-MW-4	HJB-MW-4	HJB-MW-4R	HJB-MW-4R	HJB-MW-4R	MW-DUP-091311	HJB-MW-4R	DUP1-110515	HJB-MW-4R	DUP1-061317	HJB-MW-4R	HJB-MW-4R	HJB-MW-4R	DUP-20231108
Duplicate	Standard or															
Sampling Date	Guidance Value	4/12/2006	7/28/2006	10/31/2006	7/5/2007	6/14/2011	9/13/2011	9/13/2011	11/5/2015	11/5/2015	6/13/2017	6/13/2017	5/20/2020	11/17/2022	11/8/2023	11/8/2023
Matrix		WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
VOCs																
1,1,1,2-Tetrachloroethane		3 J	1 J	1 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U*-	1 U*-
1,1-Dichloroethane		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	5	**7 J**	**6**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Acetone	50	7	5 UJ	8	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U	10 U
Benzene	1	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Bromomethane	5	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U	2 U
Carbon Disulfide		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U	2 U
Carbon Tetrachloride	5	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U*-	1 U*-	1 U*-
Chloroethane	5	5 U	1 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U	2 U
Chloroform	7	5 U	5 UJ	1 J	2 J	5 U	5 U	5 U	1.1 J	1.1 J	5 U	5 U	1 U	0.54 J	1 U	1 U
Chloromethane		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U	2 U
cis-1,2-Dichloroethene	5	**180**	**340 JE**	**460 JE**	**10**	**48**	**27**	**53**	**30**	**30**	**22.4**	**23.6**	**15**	**22**	**19**	**21**
cis-1,3-Dichloropropene		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	0.5 U	0.5 U	0.5 U
Dibromomethane		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U*-	1 U*-
Hexachlorobutadiene		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	1 U*+	1 U	1 U
Iodomethane		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	NA	NA
Isopropylbenzene	5	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
m,p-Xylene	5	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	1 U	1 U	1 U
Methyl tert-butyl ether	10	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U	2 U
Naphthalene	10	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U*-	2 U*-
n-Butylbenzene		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U*-	1 U*-
n-Propylbenzene		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U	1 U
o-Xylene		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U	1 U
sec-Butylbenzene		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U	1 U
Styrene		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U	1 U
tert-Butylbenzene		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U	1 U
Tetrachloroethene	5	**6,000 D**	**15,000 D**	**19,000 D**	**5,000 D**	**170**	**16**	**140**	**130**	**130**	**77.5**	**80.8**	**43**	**99 *+**	**66 *-**	**70 *-**
Toluene	5	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U*-	1 U*-
trans-1,2-Dichloroethene	5	5 U	2 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U*-	1 U
trans-1,3-Dichloropropene		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	0.5 U	1 U*-	0.5 U
Trichloroethene	5	**190 DJ**	**680 DJ**	**1,600 DJ**	**30**	**22**	**5.4**	**20**	**17**	**16**	**21.1**	**22.8**	**13**	**21**	**18**	**19**
Trichlorofluoromethane	5	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	1 U
Vinyl Chloride	2	**8**	**10 J**	**8**	5 U	**2.6 J**	1 J	**2.5 J**	1.8 J	1.8 J	5 U	**2.4**	1.4	**2.7**	**2.7**	**2.8**

Notes

- Concentration exceeds NYSDEC Class GA Standard

U - The compound was not detected at the indicated concentration
J - Compound detected below the reporting limit or is estimated
*+ - LCS and/or LCSD is outside acceptance limits, high biased
*- - LCS and/or LCSD is outside acceptance limits, low biased
E - Concentration exceeded the calibration range.
N - Positively identified TICS.
B - The analyte was found in the method blank as well as sample.
D - Concentration was obtained from a diluted analysis.
NA - Not Analyzed.

TABLE 2
SUMMARY OF DETECTED VOCS IN GROUNDWATER
HENRY JOHNSON BOULEVARD PROPERTIES ERP
CITY OF ALBANY, NEW YORK

Well ID	NYSDEC	MW-10 / MW-10R														
Sample ID	Class GA	HJB-MW-10	HJB-MW-10	HJB-MW-10	HJB-MW-10R	HJB-MW-10R	HJB-MW-10R	HJB-MW-10R	DUP-082713	HJB-MW-10R	HJB-MW-10R	HJB-MW-10R	HJB-MW-10R	DUP-052020	HJB-MW-10R	HJB-MW-10R
Duplicate	Standard or															
Sampling Date	Guidance Value	7/27/2006	10/30/2006	6/14/2011	9/12/2011	7/18/2012	2/13/2013	8/27/2013	8/27/2013	2/11/2014	8/22/2014	3/5/2015	5/20/2020	5/20/2020	11/17/2022	11/8/2023
Matrix		WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
VOCs																
1,1,1,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	1 U	1 U*-
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	1 U	1 U
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	1 U	1 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	800 U	800 U	1.3 J	10 U
Benzene	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	1 U	1 U
Bromomethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**190**	80 U	2 U	2 U
Carbon Disulfide		17	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	2 U	2 U
Carbon Tetrachloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	1 U	1 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	1 U*-	1 U*-
Chloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**170**	80 U	2 U	2 U
Chloroform	7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	1 U	1 U
Chloromethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	220	80 U	2 U	2 U
cis-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	1 J	5 U	1.2 BJ	1.3 BJ	5 U	5 U	5 U	80 U	80 U	2.6	1 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	0.5 U	0.5 U
Dibromochloromethane	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	0.5 U	0.5 U
Dibromomethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	1 U	1 U
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	1 U	1 U*-
Hexachlorobutadiene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	160 U	160 U	1 U*+	1 U
Iodomethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	5 U	NA
Isopropylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	1 U	1 U
m,p-Xylene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	160 U	160 U	1 U	1 U
Methyl tert-butyl ether	10	5 U	1 J	5 U	5 U	0.66 J	5 U	0.53 J	0.54 J	5 U	5 U	5 U	80 U	80 U	1 U	1 U
Methylene Chloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	2 U	2 U
Naphthalene	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	2 U	2 U*-
n-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	U	U	1 U*-
n-Propylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	U	U	1 U
o-Xylene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	U	U	1 U
sec-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	U	U	1 U
Styrene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	U	U	1 U
tert-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	U	U	1 U
Tetrachloroethene	5	5 U	5 U	1.6 J	**160 D**	**2,300 D**	**300 D**	**77**	**76**	**51**	**120**	**110**	**3,800**	**3,200**	**57 *+**	**6.2 *-**
Toluene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	U	1 U	1 U*-
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	1 U	1 U
trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	80 U	80 U	0.5 U	1 U
Trichloroethene	5	5 U	5 U	5 U	1.4 J	**24**	**5.6 DJ**	2.7 BJ	2.7 BJ	5 U	1.7 J	1.5 J	**130**	**130**	**6.3**	0.56 J
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**200**	80 U	1 U	1 U
Vinyl Chloride	2	5 U	5 U	5 U	5 U	5 U	5 U	0.66 J	0.66 J	5 U	5 U	5 U	**220**	80 U	1 U	1 U

Notes

- Concentration exceeds NYSDEC Class GA Standard

U - The compound was not detected at the indicated concentration
J - Compound detected below the reporting limit or is estimated
*+ - LCS and/or LCSD is outside acceptance limits, high biased
*- - LCS and/or LCSD is outside acceptance limits, low biased
E - Concentration exceeded the calibration range.
N - Positively identified TICS.
B - The analyte was found in the method blank as well as sample.
D - Concentration was obtained from a diluted analysis.
NA - Not Analyzed.

TABLE 2
SUMMARY OF DETECTED VOCS IN GROUNDWATER
HENRY JOHNSON BOULEVARD PROPERTIES ERP
CITY OF ALBANY, NEW YORK

Well ID	NYSDEC	MW-11 / MW-11R															
Sample ID	Class GA	HJB-MW-11	HJB-MW-11	HJB-MW-11R	HJB-MW-11R	HJB-MW-11R	HJB-MW-11R	HJB-MW-11R	HJB-MW-11R	HJB-MW-11R	HJB-MW-11R	HJB-MW-11R	HJB-MW-11R	HJB-MW-11R	HJB-MW-11R	HJB-MW-11R	HJB-MW-11R
Duplicate	Standard or																
Sampling Date	Guidance Value	7/27/2006	10/30/2006	7/5/2007	6/14/2011	9/13/2011	7/18/2012	2/13/2013	8/27/2013	2/11/2014	8/22/2014	3/5/2015	11/5/2015	6/13/2017	5/20/2020	11/17/2022	11/8/2023
Matrix		WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
VOCs																	
1,1,1,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U*-
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U
Benzene	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Bromomethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U
Carbon Tetrachloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U*-	1 U*-
Chloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U
Chloroform	7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Chloromethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.87 J	1 U	2 U	2 U
cis-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.41 J	1 U	0.45 J	1 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	0.5 U	0.5 U
Dibromochloromethane	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	0.5 U	0.5 U
Dibromomethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U*-
Hexachlorobutadiene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	1 U*+	1 U
Iodomethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	NA
Isopropylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
m,p-Xylene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	1 U	1 U
Methyl tert-butyl ether	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Methylene Chloride	5	5 U	5 U	5 U	1.4 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U
Naphthalene	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U*-
n-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U*-
n-Propylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U
o-Xylene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U
sec-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U
Styrene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U
tert-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U
Tetrachloroethene	5	5 U	4 J	5 U	5 U	1.4 J	5 U	5 U	5 U	5 U	1.5 J	3.3 J	5 U	0.95 J	1 U	1 U*+	1 U*-
Toluene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U*-
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	0.5 U	1 U
Trichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Vinyl Chloride	2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U

Notes

- Concentration exceeds NYSDEC Class GA Standard

U - The compound was not detected at the indicated concentration
J - Compound detected below the reporting limit or is estimated
*+ - LCS and/or LCSD is outside acceptance limits, high biased
*- - LCS and/or LCSD is outside acceptance limits, low biased
E - Concentration exceeded the calibration range.
N - Positively identified TICS.
B - The analyte was found in the method blank as well as sample.
D - Concentration was obtained from a diluted analysis.
NA - Not Analyzed.

TABLE 2
SUMMARY OF DETECTED VOCS IN GROUNDWATER
HENRY JOHNSON BOULEVARD PROPERTIES ERP
CITY OF ALBANY, NEW YORK

Well ID	NYSDEC	MW-12				
Sample ID	Class GA	HJB-MW-12	HJB-MW-12	HJB-MW-12	HJB-MW-12	HJB-MW-12
Duplicate	Standard or					
Sampling Date	Guidance Value	7/27/2006	10/30/2006	6/14/2011	7/18/2012	2/13/2013
Matrix		WATER	WATER	WATER	WATER	WATER
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
VOCs						
1,1,1,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5.3	5 U	3.1 J
Benzene	1	5 U	5 U	5 U	5 U	5 U
Bromomethane	5	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U
Chloroethane	5	5 U	5 U	5 U	5 U	5 U
Chloroform	7	5 U	5 U	5 U	5 U	5 U
Chloromethane		5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50	5 U	5 U	5 U	5 U	5 U
Dibromomethane		5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene		5 U	5 U	5 U	5 U	5 U
Iodomethane		5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	5	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether	10	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5	5 U	5 U	5 U	5 U	5 U
Naphthalene	10	5 U	5 U	3.4 J	5 U	5 U
n-Butylbenzene		5 U	5 U	5 U	5 U	5 U
n-Propylbenzene		5 U	5 U	5 U	5 U	5 U
o-Xylene		5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene		5 U	5 U	5 U	5 U	5 U
Styrene		5 U	5 U	5 U	5 U	5 U
tert-Butylbenzene		5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	5 U	5 U	5 U	5 U	2.3 J
Toluene	5	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	5 U	5 U	5 U	5 U	5 U

Notes

- Concentration exceeds NYSDEC Class GA Standard

U - The compound was not detected at the indicated concentration
J - Compound detected below the reporting limit or is estimated
*+ - LCS and/or LCSD is outside acceptance limits, high biased
*- - LCS and/or LCSD is outside acceptance limits, low biased
E - Concentration exceeded the calibration range.
N - Positively identified TICS.
B - The analyte was found in the method blank as well as sample.
D - Concentration was obtained from a diluted analysis.
NA - Not Analyzed.

TABLE 2
SUMMARY OF DETECTED VOCS IN GROUNDWATER
HENRY JOHNSON BOULEVARD PROPERTIES ERP
CITY OF ALBANY, NEW YORK

Well ID	NYSDEC	MW-13										
Sample ID	Class GA	HJB-MW-13	HJB-MW-13	HJB-MW-13	HJB-MW-13	HJB-MW-13	HJB-MW-13	HJB-MW-13	HJB-MW-13	HJB-MW-13	HJB-MW-13	HJB-MW-13
Duplicate	Standard or											
Sampling Date	Guidance Value	7/28/2006	10/31/2006	6/14/2011	7/18/2012	2/13/2013	8/27/2013	2/11/2014	8/22/2014	3/5/2015	11/5/2015	6/13/2017
Matrix		WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
VOCs												
1,1,1,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	9.54 J
Benzene	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	3.47 J
cis-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromomethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Iodomethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
m,p-Xylene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5	5 U	5 U	5 U	5 U	5 U	1 J	5 U	5 U	5 U	5 U	5 U
Naphthalene	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
tert-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	5 U	5 U	5 U	0.95 J	1.3 J	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

Notes

- Concentration exceeds NYSDEC Class GA Standard

U - The compound was not detected at the indicated concentration
J - Compound detected below the reporting limit or is estimated
*+ - LCS and/or LCSD is outside acceptance limits, high biased
*- - LCS and/or LCSD is outside acceptance limits, low biased
E - Concentration exceeded the calibration range.
N - Positively identified TICS.
B - The analyte was found in the method blank as well as sample.
D - Concentration was obtained from a diluted analysis.
NA - Not Analyzed.

TABLE 2
SUMMARY OF DETECTED VOCS IN GROUNDWATER
HENRY JOHNSON BOULEVARD PROPERTIES ERP
CITY OF ALBANY, NEW YORK

Well ID	NYSDEC	MW-14													
Sample ID	Class GA	HJB-MW-14	HJB-MW-14	HJB-MW-14	HJB-MW-14	HJB-MW-14	HJB-MW-14	HJB-MW-14	HJB-MW-14	HJB-MW-14	HJB-MW-14	HJB-MW-14	HJB-MW-14	HJB-MW-14	HJB-MW-14
Duplicate	Standard or														
Sampling Date	Guidance Value	7/28/2006	11/1/2006	6/14/2011	7/18/2012	2/13/2013	8/27/2013	2/11/2014	8/22/2014	3/5/2015	11/5/2015	6/13/2017	5/20/2020	11/17/2022	11/8/2023
Matrix		WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
VOCs															
1,1,1,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U*-
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Acetone	50	5 U	5 U	12	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8.67 J	10 U	10 U	10 U
Benzene	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Bromomethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U
Carbon Tetrachloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U*-	1 U*-
Chloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U
Chloroform	7	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Chloromethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.59 J	1 U	2 U	2 U
cis-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	0.5 U	0.5 U
Dibromochloromethane	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	0.5 U	0.5 U
Dibromomethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U*-
Hexachlorobutadiene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	1 U*+	1 U
Iodomethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	NA
Isopropylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
m,p-Xylene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 U	1 U	1 U
Methyl tert-butyl ether	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Methylene Chloride	5	5 U	5 U	5 U	5 U	5 U	0.62 J	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U
Naphthalene	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	2 U	2 U*-
n-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U*-
n-Propylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U
o-Xylene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U
sec-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U
Styrene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U
tert-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U
Tetrachloroethene	5	5 U	5 U	5 U	5 U	1.2 J	5 U	5 U	5 U	5 U	5 U	5 U	1 U	0.39 J*+	0.89 J*-
Toluene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	U	1 U	1 U*-
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	0.5 U	1 U
Trichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U
Vinyl Chloride	2	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U

Notes

- Concentration exceeds NYSDEC Class GA Standard

U - The compound was not detected at the indicated concentration
J - Compound detected below the reporting limit or is estimated
*+ - LCS and/or LCSD is outside acceptance limits, high biased
*- - LCS and/or LCSD is outside acceptance limits, low biased
E - Concentration exceeded the calibration range.
N - Positively identified TICS.
B - The analyte was found in the method blank as well as sample.
D - Concentration was obtained from a diluted analysis.
NA - Not Analyzed.

TABLE 2
SUMMARY OF DETECTED VOCS IN GROUNDWATER
HENRY JOHNSON BOULEVARD PROPERTIES ERP
CITY OF ALBANY, NEW YORK

Well ID	NYSDEC	MW-22 / MW-22R															
Sample ID	Class GA	HJB-MW-22	HJB-MW-22R	HJB-MW-22R	DUP 071812	HJB-MW-22R	HJB-MW-22R	HJB-MW-22R	DUP 021114	HJB-MW-22R	DUP MW-X	HJB-MW-22R	DUP-01-030515	HJB-MW-22R	HJB-MW-22R	DUP-20221117	HJB-MW-22R
Duplicate	Standard or																
Sampling Date	Guidance Value	6/14/2011	9/12/2011	7/18/2012	7/18/2012	2/13/2013	8/27/2013	2/11/2014	2/11/2014	8/22/2014	8/22/2014	3/5/2015	3/5/2015	5/20/2020	11/17/2022	11/17/2022	11/8/2023
Matrix		WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
VOCs																	
1,1,1,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U*-
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
1,1-Dichloroethene	5	5 U	5 U	5 U	5 U	0.61 J	0.69 J	1.9 J	1.8 J	1.3 J	1.9 J	250 U	250 U	130 U	0.43 J	0.35 J	1 U
Acetone	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	1300 U	10 U	10 U	10 U
Benzene	1	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
Bromomethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	2 U	2 U	2 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	2 U	2 U	2 U
Carbon Tetrachloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
Chlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U*-	1 U*-	1 U*-
Chloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	2 U	2 U	2 U
Chloroform	7	5 U	0.72 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
Chloromethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	2 U	2 U	2 U
cis-1,2-Dichloroethene	5	5 U	3.2 J	**33**	**40**	3.6 J	**20**	**40**	**39**	**52**	**55**	**55 J**	250 U	130 U	39	**38**	**16**
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	0.5 U	0.5 U	0.5 U
Dibromomethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
Ethylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U*-
Hexachlorobutadiene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	250 U	1 U*+	1 U*+	1 U
Iodomethane		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	5 U	5 U	NA
Isopropylbenzene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
m,p-Xylene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	250 U	1 U	1 U	1 U
Methyl tert-butyl ether	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
Methylene Chloride	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	2 U	2 U	2 U
Naphthalene	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	2 U	2 U	2 U*-
n-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U*-
n-Propylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
o-Xylene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
sec-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
Styrene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
tert-Butylbenzene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
Tetrachloroethene	5	**9.3**	**160**	**2,600 D**	**3,100 D**	**2,700 D**	**4,100 D**	**7,100 D**	**7,000 D**	**4,500 D**	**4,800 D**	**5,900**	**6,100**	**5,200**	**2,000**	**2,000**	**250**
Toluene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U*-
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	0.73 J	1.2	1 U
trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	0.5 U	0.5 U	1 U
Trichloroethene	5	5 U	**11**	**90**	**110**	**50**	**99**	**140**	**140**	**140**	**150**	**91 J**	**85 J**	**200**	**120**	**120**	**30**
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	250 U	250 U	130 U	1 U	1 U	1 U
Vinyl Chloride	2	5 U	5 U	5 U	5 U	5 U	5 U	1.2 J	1.1 J	2 J	2 J	250 U	250 U	130 U	0.62 J	0.61 J	0.29 J

Notes

- Concentration exceeds NYSDEC Class GA Standard

U - The compound was not detected at the indicated concentration
J - Compound detected below the reporting limit or is estimated
*+ - LCS and/or LCSD is outside acceptance limits, high biased
*- - LCS and/or LCSD is outside acceptance limits, low biased
E - Concentration exceeded the calibration range.
N - Positively identified TICS.
B - The analyte was found in the method blank as well as sample.
D - Concentration was obtained from a diluted analysis.
NA - Not Analyzed.

ATTACHMENT 1

SITE INSPECTION FORM

Henry Johnson Boulevard Properties
Albany New York

Date: 5/23/2023 Weather: 65°F, Sunny

Inspector: J. Duquette

	No	Yes
1) Is there a change in site/property use since last inspection?	X	
2) Is there a change in site/property vegetation since last inspection?	X	
3) Is there a change in site/property pavement since last inspection?	X	
4) Is there evidence of excavation since last inspection?	X	

Comments: *(Required for each Yes answer)*

No changes to site since last inspection.

All wells are in fair condition.

Additional Comments/Concerns/Recommendations/Sketches:

Signed: J. Duquette Date: 5/23/2023

SITE INSPECTION FORM

Henry Johnson Boulevard Properties

Albany New York

Date: 11/8/2023 Weather: 40°F, Overcast

Inspector: J. Duquette

	No	Yes
1) Is there a change in site/property use since last inspection?	X	
2) Is there a change in site/property vegetation since last inspection?	X	
3) Is there a change in site/property pavement since last inspection?	X	
4) Is there evidence of excavation since last inspection?	X	

Comments: *(Required for each Yes answer)*

No changes to site since last inspection.

All wells are in fair condition.

Additional Comments/Concerns/Recommendations/Sketches:

Signed: J. Duquette Date: 11/8/2023

Photograph Log

Albany Community Development Agency
Henry Johnson Boulevard ERP
30002639

Photograph: 1

Description: View of site, facing Southwest.

Location: Albany, NY

Photograph taken by: J. Duquette

Date: 11/8/2023

Photograph: 2

Description: View of site, facing Northeast.

Location: Albany, NY

Photograph taken by: J. Duquette

Date: 11/8/2023

Photograph Log

Albany Community Development Agency
Henry Johnson Boulevard ERP
30002639

Photograph: 3

Description: View of site, facing Northeast.

Location: Albany, NY

Photograph taken by:
J. Duquette

Date: 11/8/2023

Photograph: 4

Description: View of site, facing Northeast.

Location: Albany, NY

Photograph taken by:
J. Duquette

Date: 11/8/2023

Photograph Log

Albany Community Development Agency
Henry Johnson Boulevard ERP
30002639

Photograph: 5

Description: Northeastern area of site.

Location: Albany, NY

Photograph taken by: J. Duquette

Date: 11/8/2023

Photograph: 6

Description: View of site, facing Northeast.

Location: Albany, NY

Photograph taken by: J. Duquette

Date: 11/8/2023

ATTACHMENT 2

Groundwater Sampling Log

ARCADIS

Page 1 of 1

Project No. _____ Well ID MW-4R Date 11/8/23

Project Name/Location Henry Johnson Blvd Weather _____

Measuring Pt. Description TIC Screen Setting (ft-bmp) _____ Casing Diameter (in.) 2" Well Material: PVC X SS ___

Total Depth (ft-bmp) 13.35 Static Water Level (ft-bmp) 5.56 Water Column in Well (ft.) _____ Gallons in Well _____

MP Elevation _____ Pump Intake (ft-bmp) 12.00 Volumes Purged _____ Gallons Purged _____

Sample Method Grab Pump On/Off 1050 / Sample Time Label 1125 Start _____ End _____ Purge Method Peristaltic Centrifugal ___ Submersible ___ Disp. Bailer ___ Other ___

Replicate/Code No. DUP-1 Sampled By J. Doyle

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance Color	Appearance Odor
1052	-	300	5.48	-	7.37	2.82	53.1	1.46	10.40	405	Clear	no
1057	5	300	5.49	-	7.17	2.78	18.5	0.61	12.22	345	Clear	no
1102	10	300	5.49		7.14	2.61	19.0	0.60	12.65	319	Clear	no
1107	15	300	5.49		7.12	2.34	11.9	0.80	12.76	309	Clear	no
1112	20	300	5.49		7.10	2.24	6.6	0.77	12.88	300	Clear	no
1117	25	300	5.49		7.08	2.22	2.0	0.72	12.92	292	Clear	no
1122	30	300	5.49		7.08	2.22	2.1	0.71	12.89	291	Clear	no

Constituents Sampled	Container	Number	Preservative
VOC	40 mL VOA	6	HCl

Well Information

Well Location: H&B Vol Well Locked at Arrival: No

Condition of Well: Fair Well Locked at Departure: No

Well Completion: (Flush Mount) / Stick Up Key Number To Well: —

NOTES:

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

ARCADIS

Page 1 of 1

Project No. _____ Well ID MW-10R Date 11/8/23

Project Name/Location Henry Johnson Blvd. / Albany NY Weather 41°F Overcast

Measuring Pt. Description TIC Screen Setting (ft-bmp) _____ Casing Diameter (in.) 2" Well Material: PVC X SS ___

Total Depth (ft-bmp) _____ Static Water Level (ft-bmp) 6.61 Water Column in Well (ft.) _____ Gallons in Well _____

MP Elevation _____ Pump Intake (ft-bmp) _____ Volumes Purged _____ Gallons Purged _____

Sample Method Grab Pump On/Off 1246 / _____ Sample Time Label 1325 Start _____ End _____ Purge Method Peristaltic Centrifugal _____ Submersible _____ Disp. Bailer _____ Other _____

Replicate/Code No. — Sampled By J. Duquette

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1250		300	6.70		7.31	1.56	103	4.33	12.54	300	Clear	no
1305	5	300	6.90		7.26	1.51	76.6	4.06	12.66	307	Clear	no
1300	10	300	7.10		7.18	1.50	20.4	3.94	14.16	311	Dull Pink	no
1305	15	300	7.45		7.13	1.51	9.5	3.51	14.55	317	"	no
1310	20	300	7.51		7.08	1.53	2.0	3.29	4.61	326	"	"
1315	25	300	7.52		7.07	1.54	0.0	3.26	14.62	327	"	"
1320	30	300	7.52		7.05	1.54	0.0	3.20	14.62	330	"	"
1325												

Constituents Sampled	Container	Number	Preservative

Well Information

Well Location: HSBVD

Condition of Well: Fair

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: No

Well Locked at Departure: No

Key Number To Well: —

NOTES: Talked to Stefan about Color, says to Sample

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

ARCADIS

Page 1 of 1

Project No. _____ Well ID MW-11R Date 11/8/23

Project Name/Location Henry Johnson Blvd Weather 38°F Sunny

Measuring Pt. Description TIC Screen Setting (ft-bmp) _____ Casing Diameter (in.) 2 Well Material: PVC X SS ____

Total Depth (ft-bmp) 13.76' Static Water Level (ft-bmp) 7.25' Water Column in Well (ft.) _____ Gallons in Well _____

MP Elevation _____ Pump Intake (ft-bmp) _____ Volumes Purged _____ Gallons Purged _____

Sample Method Grab Pump On/Off 0915/ Sample Time Label 1000 Start _____ End _____ Purge Method Peristaltic

Replicate/Code No. — Sampled By J.Duquette Centrifugal ____ Submersible ____ Disp. Bailer ____ Other ____

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
0925	—	400	7.56	—	7.17	2.88	21.4	4.84	8.03	2.94	Clear	no
0930	5	400	7.74		7.20	2.88	17.7	4.38	8.71	292	Clear	no
0935	10	400	8.14		7.17	2.83	1.5	3.69	9.87	281	Clear	no
0940	15	400	8.52		7.16	2.81	0.0	2.82	10.06	199	Clear	no
0945	20	400	8.69		7.13	2.77	0.0	2.04	10.46	41	Clear	no
0950	25	400	8.69		7.10	2.76	0.0	2.06	1050	47	Clear	no
0955	30	400	8.69		7.13	2.76	0.0	2.00	10.51	46	Clear	no

Constituents Sampled	Container	Number	Preservative
VOC	40mL VOA	3	HCl

Well Information

Well Location: HSBVd Well Locked at Arrival: No

Condition of Well: Fair Well Locked at Departure: No

Well Completion: (Flush Mount) / Stick Up Key Number To Well: —

NOTES: Start readings after confirmation of color

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Groundwater Sampling Log

ARCADIS

Page ___ of ___

Project No. _____ Well ID MW-14 Date 11/8/23

Project Name/Location Henry Johnson Blvd Weather 41°F Overcast

Measuring Pt. Description TIC Screen Setting (ft-bmp) _____ Casing Diameter (in.) 2" Well Material: PVC X SS ___

Total Depth (ft-bmp) _____ Static Water Level (ft-bmp) 9.50 Water Column in Well (ft.) _____ Gallons in Well _____

MP Elevation _____ Pump Intake (ft-bmp) _____ Volumes Purged _____ Gallons Purged _____

Sample Method Grab Pump On/Off 1420 Sample Time Label 1455 Start _____ End _____ Purge Method Peristaltic

Replicate/Code No. _____ Sampled By J Duquette Centrifugal ___ Submersible ___ Disp. Bailer ___ Other ___

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (µmhos) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1420	-	300	9.93		7.08	4.71	0.4	3.71	14.86	322	Clear	no
1425	5	300	10.26		7.05	4.73	0.0	3.76	14	321	Clear	no
1430	10	300	10.31		7.04	4.76	0.0	3.51	14	321	Clear	no
1435	15	300	10.48		7.03	4.79	0.0	3.08	15.23	320	Clear	no
1440	20	300	10.68		7.03	4.79	0.0	3.01	15.21	326	Clear	no
1445	25	300	10.68		7.04	4.81	0.0	2.96	15.26	324	Clear	no
1450	30	300	10.68		7.05	4.81	0.0	2.94	15.31	325	Clear	no

Constituents Sampled	Container	Number	Preservative
VOC	40 mL VOA	3	HCl

Well Information

Well Location: ~~Hwy~~ Clinton ave

Condition of Well: Fair

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: NO

Well Locked at Departure: NO

Key Number To Well: —

NOTES:

Well Casing Volumes

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Groundwater Sampling Log

ARCADIS

Page 1 of 1

Project No. _____ Well ID MW-22R

Project Name/Location Henry Johnson Blvd

Date 11/8/23

Weather 41°F Overcast

Measuring Pt. Description TIC

Screen Setting (ft-bmp) _____

Casing Diameter (in.) 2"

Well Material: PVC X SS ___

Total Depth (ft-bmp) _____

Static Water Level (ft-bmp) 7.16

Water Column in Well (ft.) _____

Gallons in Well _____

MP Elevation _____

Pump Intake (ft-bmp) _____

Volumes Purged _____

Gallons Purged _____

Sample Method Grab

Pump On/Off /

Sample Time Label 1410 Start _____ End _____

Purge Method Peristaltic

Centrifugal _____

Submersible _____

Disp. Bailer _____

Other _____

Replicate/Code No. —

Sampled By J. Duquette

Time	Minutes Elapsed	Rate (gpm) (mL/min)	Depth to Water (ft.)	Gallons Purged	pH	Cond. (~~µmhos~~) (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (°C) (°F)	Redox (mV)	Appearance	
											Color	Odor
1335	—	300	7.21		7.30	1.57	57.2	5.47	13.32	318	Clear	no
1340	5	300	7.82		6.94	1.54	32.9	4.98	13.93	330	Dull pink	no
1345	10	300	7.98		6.92	1.55	23.6	4.84	14.02	336	"	no
1350	15	300	8.14		6.90	1.54	16.4	4.71	14.05	331	"	no
1355	20	300	8.16		6.90	1.55	0.6	4.65	14.04	334	"	no
1400	25	300	8.16		6.90	1.55	0.0	4.62	14.06	334	"	no
1405	30	300	8.16		6.90	1.55	0.0	4.61	14.06	334	"	no

Constituents Sampled	Container	Number	Preservative
VOC	40mL VOA	5	HCl

Well Information

Well Location: HJ Blvd

Condition of Well: Fair

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: NO

Well Locked at Departure: NO

Key Number To Well: —

NOTES:

Well Casing Volumes

Gallons/Foot 1" = 0.04 1.25" = 0.06 1.5" = 0.09 2" = 0.16 2.5" = 0.26 3" = 0.37 3.5" = 0.50 4" = 0.65 6" = 1.47

ATTACHMENT 3

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Stefan Bagnato
ARCADIS U.S. Inc
201 Fuller Road
Suite 201
Albany, New York 12203

Generated 11/27/2023 4:42:58 PM

JOB DESCRIPTION

Henry Johnson Boulevard Properties (HJBC)

JOB NUMBER

620-15196-1

Eurofins New England
646 Camp Ave
North Kingstown RI 02852

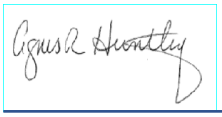
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Agnes Huntley, Project Manager
Agnes.Huntley@et.eurofinsus.com
(401)372-3482

Table of Contents

Definitions/Glossary

Client: ARCADIS U.S. Inc
Job ID: 620-15196-1
Project/Site: Henry Johnson Boulevard Properties (HJBC)

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 620-15196-1

Laboratory: Eurofins New England

Narrative

Job Narrative
620-15196-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/9/2023 11:01 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C

GC/MS VOA
Method 8260C: The laboratory control sample (LCS) for analytical batch 620-29208 recovered outside in-house control limits for the following analytes: 1,4-Dichlorobenzene, 4-Isopropyltoluene, 1,1,1,2-Tetrachloroethane and 1,2,4-Trichlorobenzene. These analytes were biased low in the LCS but recovered within 70-130%. According to 8260C requirements, analytes are allowed to recover outside control limits as long as recovery is within 70-130%; therefore, the data have been reported.

Method 8260C: The laboratory control sample (LCS) for analytical batch 620-29208 recovered outside control limits for the following analytes: Naphthalene and 1,2,3-Trichlorobenzene. These analytes were biased low in the LCS and were not detected in the associated samples. According to 8260C requirements, <10% of analytes are allowed to recover outside control limits; therefore, the data have been reported.

Method 8260C: The laboratory control sample (LCS) for analytical batch 620-29208 recovered outside in-house control limits for the following analytes: 1,1,2-Trichlorotrifluoroethane (Freon 113), Bromobenzene, Bromoform, n-Butylbenzene, Chlorobenzene, 1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,1-Dichloropropene, Ethylbenzene, 4-Isopropyltoluene, 1,1,1,2-Tetrachloroethane, Tetrachloroethene, Toluene and 1,2,4-Trichlorobenzene. These analytes were biased low in the LCSD but recovered within 70-130%. According to 8260C requirements, analytes are allowed to recover outside control limits as long as recovery is within 70-130%; therefore, the data have been reported.

Method 8260C: The laboratory control sample duplicate (LCSD) for analytical batch 620-29208 recovered outside control limits for the following analytes: 1,2-Dibromo-3-Chloropropane, Naphthalene and 1,2,3-Trichlorobenzene. These analytes were biased low in the LCSD and were not detected in the associated samples. According to 8260C requirements, <10% of analytes are allowed to recover outside control limits; therefore, the data have been reported.

Method 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased low): Naphthalene, 1,2,3-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane, and Trichlorofluoromethane.
(CCVIS 620-29208/3)

Method 8260C: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. Affected analytes (biased low): Naphthalene, 1,2,3-Trichlorobenzene, and 1,2-Dibromo-3-Chloropropane.
(CCVIS 620-29247/3)

Method 8260C: The laboratory control sample (LCS) for analytical batch 620-29247 recovered outside control limits for the following

Job ID: 620-15196-1 (Continued)

Laboratory: Eurofins New England (Continued)

analyte: Naphthalene. This analyte was biased low in the LCS and was not detected in the associated samples. According to 8260C requirements, <10% of analytes are allowed to recover outside control limits; therefore, the data have been reported.

Method 8260C: The laboratory control sample duplicate (LCSD) for analytical batch 620-29247 recovered outside control limits for the following analytes: m,p-Xylenes and Naphthalene. These analytes were outside control limits in the LCSD and were not detected in the associated samples. According to 8260C requirements, <10% of analytes are allowed to recover outside control limits; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: ARCADIS U.S. Inc
Job ID: 620-15196-1
Project/Site: Henry Johnson Boulevard Properties (HJBC)

Client Sample ID: MW-11R — Lab Sample ID: 620-15196-1

No Detections.

Client Sample ID: MW-4R — Lab Sample ID: 620-15196-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	19		1.0	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	66	*-	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	18		1.0	0.36	ug/L	1		8260C	Total/NA
Vinyl chloride	2.7		1.0	0.26	ug/L	1		8260C	Total/NA

Client Sample ID: MW-10R — Lab Sample ID: 620-15196-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.2	*-	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	0.56	J	1.0	0.36	ug/L	1		8260C	Total/NA

Client Sample ID: MW-22R — Lab Sample ID: 620-15196-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	30		1.0	0.36	ug/L	1		8260C	Total/NA
Vinyl chloride	0.29	J	1.0	0.26	ug/L	1		8260C	Total/NA
Tetrachloroethene - DL	250		10	3.6	ug/L	10		8260C	Total/NA

Client Sample ID: MW-14 — Lab Sample ID: 620-15196-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.89	J *-	1.0	0.36	ug/L	1		8260C	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 620-15196-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	21		1.0	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	70	*-	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	19		1.0	0.36	ug/L	1		8260C	Total/NA
Vinyl chloride	2.8		1.0	0.26	ug/L	1		8260C	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 620-15196-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client: ARCADIS U.S. Inc
Job ID: 620-15196-1
Project/Site: Henry Johnson Boulevard Properties (HJBC)

Client Sample ID: MW-11R
Lab Sample ID: 620-15196-1
Date Collected: 11/08/23 10:00
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND	*-	1.0	0.20	ug/L			11/18/23 00:45	1
Acetone	ND		10	0.90	ug/L			11/18/23 00:45	1
Acrylonitrile	ND		0.50	0.36	ug/L			11/18/23 00:45	1
Benzene	ND		1.0	0.25	ug/L			11/18/23 00:45	1
Bromobenzene	ND	*-	1.0	0.40	ug/L			11/18/23 00:45	1
Bromochloromethane	ND		1.0	0.39	ug/L			11/18/23 00:45	1
Bromodichloromethane	ND		0.50	0.33	ug/L			11/18/23 00:45	1
Bromoform	ND	*-	1.0	0.45	ug/L			11/18/23 00:45	1
Bromomethane	ND		2.0	0.63	ug/L			11/18/23 00:45	1
2-Butanone (MEK)	ND		2.0	0.58	ug/L			11/18/23 00:45	1
n-Butylbenzene	ND	*-	1.0	0.45	ug/L			11/18/23 00:45	1
sec-Butylbenzene	ND		1.0	0.40	ug/L			11/18/23 00:45	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			11/18/23 00:45	1
Carbon disulfide	ND		2.0	0.44	ug/L			11/18/23 00:45	1
Carbon tetrachloride	ND		1.0	0.25	ug/L			11/18/23 00:45	1
Chlorobenzene	ND	*-	1.0	0.42	ug/L			11/18/23 00:45	1
Chloroethane	ND		2.0	0.41	ug/L			11/18/23 00:45	1
Chloroform	ND		1.0	0.30	ug/L			11/18/23 00:45	1
Chloromethane	ND		2.0	0.49	ug/L			11/18/23 00:45	1
2-Chlorotoluene	ND		1.0	0.43	ug/L			11/18/23 00:45	1
4-Chlorotoluene	ND		1.0	0.42	ug/L			11/18/23 00:45	1
1,2-Dibromo-3-Chloropropane	ND	*-	2.0	0.51	ug/L			11/18/23 00:45	1
Dibromochloromethane	ND		0.50	0.33	ug/L			11/18/23 00:45	1
1,2-Dibromoethane (EDB)	ND		0.50	0.34	ug/L			11/18/23 00:45	1
Dibromomethane	ND		1.0	0.36	ug/L			11/18/23 00:45	1
1,2-Dichlorobenzene	ND	*-	1.0	0.48	ug/L			11/18/23 00:45	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			11/18/23 00:45	1
1,4-Dichlorobenzene	ND	*-	1.0	0.49	ug/L			11/18/23 00:45	1
Dichlorodifluoromethane (Freon 12)	ND		2.0	0.29	ug/L			11/18/23 00:45	1
1,1-Dichloroethane	ND		1.0	0.36	ug/L			11/18/23 00:45	1
1,2-Dichloroethane	ND		1.0	0.26	ug/L			11/18/23 00:45	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L			11/18/23 00:45	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/18/23 00:45	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			11/18/23 00:45	1
1,2-Dichloropropane	ND		1.0	0.36	ug/L			11/18/23 00:45	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			11/18/23 00:45	1
2,2-Dichloropropane	ND		1.0	0.49	ug/L			11/18/23 00:45	1
1,1-Dichloropropene	ND	*-	1.0	0.29	ug/L			11/18/23 00:45	1
cis-1,3-Dichloropropene	ND		0.50	0.30	ug/L			11/18/23 00:45	1
trans-1,3-Dichloropropene	ND		0.50	0.37	ug/L			11/18/23 00:45	1
Ethylbenzene	ND	*-	1.0	0.36	ug/L			11/18/23 00:45	1
Hexachlorobutadiene	ND		1.0	0.24	ug/L			11/18/23 00:45	1
2-Hexanone (MBK)	ND		2.0	0.69	ug/L			11/18/23 00:45	1
Isopropylbenzene	ND		1.0	0.38	ug/L			11/18/23 00:45	1
4-Isopropyltoluene	ND	*-	1.0	0.43	ug/L			11/18/23 00:45	1
Methyl tert-butyl ether	ND		1.0	0.26	ug/L			11/18/23 00:45	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.35	ug/L			11/18/23 00:45	1
Methylene Chloride	ND		2.0	0.54	ug/L			11/18/23 00:45	1
Naphthalene	ND	*-	2.0	0.70	ug/L			11/18/23 00:45	1

Client Sample ID: MW-11R
Lab Sample ID: 620-15196-1
Date Collected: 11/08/23 10:00
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.36	ug/L			11/18/23 00:45	1
Styrene	ND		1.0	0.42	ug/L			11/18/23 00:45	1
1,1,1,2-Tetrachloroethane	ND	*-	1.0	0.37	ug/L			11/18/23 00:45	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.46	ug/L			11/18/23 00:45	1
Tetrachloroethene	ND	*-	1.0	0.36	ug/L			11/18/23 00:45	1
Toluene	ND	*-	1.0	0.28	ug/L			11/18/23 00:45	1
1,2,3-Trichlorobenzene	ND	*-	1.0	0.74	ug/L			11/18/23 00:45	1
1,2,4-Trichlorobenzene	ND	*-	1.0	0.70	ug/L			11/18/23 00:45	1
1,3,5-Trichlorobenzene	ND		1.0	0.54	ug/L			11/18/23 00:45	1
1,1,1-Trichloroethane	ND		1.0	0.33	ug/L			11/18/23 00:45	1
1,1,2-Trichloroethane	ND		1.0	0.35	ug/L			11/18/23 00:45	1
Trichloroethene	ND		1.0	0.36	ug/L			11/18/23 00:45	1
Trichlorofluoromethane (Freon 11)	ND		1.0	0.23	ug/L			11/18/23 00:45	1
1,2,3-Trichloropropane	ND		1.0	0.51	ug/L			11/18/23 00:45	1
1,2,4-Trimethylbenzene	ND		1.0	0.46	ug/L			11/18/23 00:45	1
1,3,5-Trimethylbenzene	ND		1.0	0.45	ug/L			11/18/23 00:45	1
Vinyl chloride	ND		1.0	0.26	ug/L			11/18/23 00:45	1
m,p-Xylene	ND		1.0	0.78	ug/L			11/18/23 00:45	1
o-Xylene	ND		1.0	0.43	ug/L			11/18/23 00:45	1
Tetrahydrofuran	ND		2.0	0.70	ug/L			11/18/23 00:45	1
Ethyl ether	ND		1.0	0.42	ug/L			11/18/23 00:45	1
Tert-amyl methyl ether	ND		1.0	0.26	ug/L			11/18/23 00:45	1
Ethyl tert-butyl ether	ND		1.0	0.29	ug/L			11/18/23 00:45	1
di-Isopropyl ether	ND		1.0	0.26	ug/L			11/18/23 00:45	1
tert-Butanol	ND		10	8.5	ug/L			11/18/23 00:45	1
1,4-Dioxane	ND		50	7.4	ug/L			11/18/23 00:45	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.81	ug/L			11/18/23 00:45	1
Ethanol	ND		200	9.1	ug/L			11/18/23 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*11/18/23 00:45*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/18/23 00:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*11/18/23 00:45*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*11/18/23 00:45*	*1*

Client Sample ID: MW-4R
Lab Sample ID: 620-15196-2
Date Collected: 11/08/23 11:25
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND	*-	1.0	0.20	ug/L			11/18/23 01:11	1
Acetone	ND		10	0.90	ug/L			11/18/23 01:11	1
Acrylonitrile	ND		0.50	0.36	ug/L			11/18/23 01:11	1
Benzene	ND		1.0	0.25	ug/L			11/18/23 01:11	1
Bromobenzene	ND	*-	1.0	0.40	ug/L			11/18/23 01:11	1
Bromochloromethane	ND		1.0	0.39	ug/L			11/18/23 01:11	1
Bromodichloromethane	ND		0.50	0.33	ug/L			11/18/23 01:11	1
Bromoform	ND	*-	1.0	0.45	ug/L			11/18/23 01:11	1

Client: ARCADIS U.S. Inc
Project/Site: Henry Johnson Boulevard Properties (HJBC)

Job ID: 620-15196-1

Client Sample ID: MW-4R
Date Collected: 11/08/23 11:25
Date Received: 11/09/23 11:01

Lab Sample ID: 620-15196-2
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		2.0	0.63	ug/L			11/18/23 01:11	1
2-Butanone (MEK)	ND		2.0	0.58	ug/L			11/18/23 01:11	1
n-Butylbenzene	ND	*-	1.0	0.45	ug/L			11/18/23 01:11	1
sec-Butylbenzene	ND		1.0	0.40	ug/L			11/18/23 01:11	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			11/18/23 01:11	1
Carbon disulfide	ND		2.0	0.44	ug/L			11/18/23 01:11	1
Carbon tetrachloride	ND		1.0	0.25	ug/L			11/18/23 01:11	1
Chlorobenzene	ND	*-	1.0	0.42	ug/L			11/18/23 01:11	1
Chloroethane	ND		2.0	0.41	ug/L			11/18/23 01:11	1
Chloroform	ND		1.0	0.30	ug/L			11/18/23 01:11	1
Chloromethane	ND		2.0	0.49	ug/L			11/18/23 01:11	1
2-Chlorotoluene	ND		1.0	0.43	ug/L			11/18/23 01:11	1
4-Chlorotoluene	ND		1.0	0.42	ug/L			11/18/23 01:11	1
1,2-Dibromo-3-Chloropropane	ND	*-	2.0	0.51	ug/L			11/18/23 01:11	1
Dibromochloromethane	ND		0.50	0.33	ug/L			11/18/23 01:11	1
1,2-Dibromoethane (EDB)	ND		0.50	0.34	ug/L			11/18/23 01:11	1
Dibromomethane	ND		1.0	0.36	ug/L			11/18/23 01:11	1
1,2-Dichlorobenzene	ND	*-	1.0	0.48	ug/L			11/18/23 01:11	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			11/18/23 01:11	1
1,4-Dichlorobenzene	ND	*-	1.0	0.49	ug/L			11/18/23 01:11	1
Dichlorodifluoromethane (Freon 12)	ND		2.0	0.29	ug/L			11/18/23 01:11	1
1,1-Dichloroethane	ND		1.0	0.36	ug/L			11/18/23 01:11	1
1,2-Dichloroethane	ND		1.0	0.26	ug/L			11/18/23 01:11	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L			11/18/23 01:11	1
cis-1,2-Dichloroethene	**19**		1.0	0.30	ug/L			11/18/23 01:11	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			11/18/23 01:11	1
1,2-Dichloropropane	ND		1.0	0.36	ug/L			11/18/23 01:11	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			11/18/23 01:11	1
2,2-Dichloropropane	ND		1.0	0.49	ug/L			11/18/23 01:11	1
1,1-Dichloropropene	ND	*-	1.0	0.29	ug/L			11/18/23 01:11	1
cis-1,3-Dichloropropene	ND		0.50	0.30	ug/L			11/18/23 01:11	1
trans-1,3-Dichloropropene	ND		0.50	0.37	ug/L			11/18/23 01:11	1
Ethylbenzene	ND	*-	1.0	0.36	ug/L			11/18/23 01:11	1
Hexachlorobutadiene	ND		1.0	0.24	ug/L			11/18/23 01:11	1
2-Hexanone (MBK)	ND		2.0	0.69	ug/L			11/18/23 01:11	1
Isopropylbenzene	ND		1.0	0.38	ug/L			11/18/23 01:11	1
4-Isopropyltoluene	ND	*-	1.0	0.43	ug/L			11/18/23 01:11	1
Methyl tert-butyl ether	ND		1.0	0.26	ug/L			11/18/23 01:11	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.35	ug/L			11/18/23 01:11	1
Methylene Chloride	ND		2.0	0.54	ug/L			11/18/23 01:11	1
Naphthalene	ND	*-	2.0	0.70	ug/L			11/18/23 01:11	1
N-Propylbenzene	ND		1.0	0.36	ug/L			11/18/23 01:11	1
Styrene	ND		1.0	0.42	ug/L			11/18/23 01:11	1
1,1,1,2-Tetrachloroethane	ND	*-	1.0	0.37	ug/L			11/18/23 01:11	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.46	ug/L			11/18/23 01:11	1
Tetrachloroethene	**66**	*-	1.0	0.36	ug/L			11/18/23 01:11	1
Toluene	ND	*-	1.0	0.28	ug/L			11/18/23 01:11	1
1,2,3-Trichlorobenzene	ND	*-	1.0	0.74	ug/L			11/18/23 01:11	1
1,2,4-Trichlorobenzene	ND	*-	1.0	0.70	ug/L			11/18/23 01:11	1

Client Sample ID: MW-4R
Lab Sample ID: 620-15196-2
Date Collected: 11/08/23 11:25
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trichlorobenzene	ND		1.0	0.54	ug/L			11/18/23 01:11	1
1,1,1-Trichloroethane	ND		1.0	0.33	ug/L			11/18/23 01:11	1
1,1,2-Trichloroethane	ND		1.0	0.35	ug/L			11/18/23 01:11	1
Trichloroethene	**18**		1.0	0.36	ug/L			11/18/23 01:11	1
Trichlorofluoromethane (Freon 11)	ND		1.0	0.23	ug/L			11/18/23 01:11	1
1,2,3-Trichloropropane	ND		1.0	0.51	ug/L			11/18/23 01:11	1
1,2,4-Trimethylbenzene	ND		1.0	0.46	ug/L			11/18/23 01:11	1
1,3,5-Trimethylbenzene	ND		1.0	0.45	ug/L			11/18/23 01:11	1
Vinyl chloride	**2.7**		1.0	0.26	ug/L			11/18/23 01:11	1
m,p-Xylene	ND		1.0	0.78	ug/L			11/18/23 01:11	1
o-Xylene	ND		1.0	0.43	ug/L			11/18/23 01:11	1
Tetrahydrofuran	ND		2.0	0.70	ug/L			11/18/23 01:11	1
Ethyl ether	ND		1.0	0.42	ug/L			11/18/23 01:11	1
Tert-amyl methyl ether	ND		1.0	0.26	ug/L			11/18/23 01:11	1
Ethyl tert-butyl ether	ND		1.0	0.29	ug/L			11/18/23 01:11	1
di-Isopropyl ether	ND		1.0	0.26	ug/L			11/18/23 01:11	1
tert-Butanol	ND		10	8.5	ug/L			11/18/23 01:11	1
1,4-Dioxane	ND		50	7.4	ug/L			11/18/23 01:11	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.81	ug/L			11/18/23 01:11	1
Ethanol	ND		200	9.1	ug/L			11/18/23 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*11/18/23 01:11*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/18/23 01:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*11/18/23 01:11*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*11/18/23 01:11*	*1*

Client Sample ID: MW-10R
Lab Sample ID: 620-15196-3
Date Collected: 11/08/23 13:25
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND	*-	1.0	0.20	ug/L			11/18/23 01:37	1
Acetone	ND		10	0.90	ug/L			11/18/23 01:37	1
Acrylonitrile	ND		0.50	0.36	ug/L			11/18/23 01:37	1
Benzene	ND		1.0	0.25	ug/L			11/18/23 01:37	1
Bromobenzene	ND	*-	1.0	0.40	ug/L			11/18/23 01:37	1
Bromochloromethane	ND		1.0	0.39	ug/L			11/18/23 01:37	1
Bromodichloromethane	ND		0.50	0.33	ug/L			11/18/23 01:37	1
Bromoform	ND	*-	1.0	0.45	ug/L			11/18/23 01:37	1
Bromomethane	ND		2.0	0.63	ug/L			11/18/23 01:37	1
2-Butanone (MEK)	ND		2.0	0.58	ug/L			11/18/23 01:37	1
n-Butylbenzene	ND	*-	1.0	0.45	ug/L			11/18/23 01:37	1
sec-Butylbenzene	ND		1.0	0.40	ug/L			11/18/23 01:37	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			11/18/23 01:37	1
Carbon disulfide	ND		2.0	0.44	ug/L			11/18/23 01:37	1
Carbon tetrachloride	ND		1.0	0.25	ug/L			11/18/23 01:37	1
Chlorobenzene	ND	*-	1.0	0.42	ug/L			11/18/23 01:37	1

Client Sample ID: MW-10R
Lab Sample ID: 620-15196-3
Date Collected: 11/08/23 13:25
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		2.0	0.41	ug/L			11/18/23 01:37	1
Chloroform	ND		1.0	0.30	ug/L			11/18/23 01:37	1
Chloromethane	ND		2.0	0.49	ug/L			11/18/23 01:37	1
2-Chlorotoluene	ND		1.0	0.43	ug/L			11/18/23 01:37	1
4-Chlorotoluene	ND		1.0	0.42	ug/L			11/18/23 01:37	1
1,2-Dibromo-3-Chloropropane	ND	*-	2.0	0.51	ug/L			11/18/23 01:37	1
Dibromochloromethane	ND		0.50	0.33	ug/L			11/18/23 01:37	1
1,2-Dibromoethane (EDB)	ND		0.50	0.34	ug/L			11/18/23 01:37	1
Dibromomethane	ND		1.0	0.36	ug/L			11/18/23 01:37	1
1,2-Dichlorobenzene	ND	*-	1.0	0.48	ug/L			11/18/23 01:37	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			11/18/23 01:37	1
1,4-Dichlorobenzene	ND	*-	1.0	0.49	ug/L			11/18/23 01:37	1
Dichlorodifluoromethane (Freon 12)	ND		2.0	0.29	ug/L			11/18/23 01:37	1
1,1-Dichloroethane	ND		1.0	0.36	ug/L			11/18/23 01:37	1
1,2-Dichloroethane	ND		1.0	0.26	ug/L			11/18/23 01:37	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L			11/18/23 01:37	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/18/23 01:37	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			11/18/23 01:37	1
1,2-Dichloropropane	ND		1.0	0.36	ug/L			11/18/23 01:37	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			11/18/23 01:37	1
2,2-Dichloropropane	ND		1.0	0.49	ug/L			11/18/23 01:37	1
1,1-Dichloropropene	ND	*-	1.0	0.29	ug/L			11/18/23 01:37	1
cis-1,3-Dichloropropene	ND		0.50	0.30	ug/L			11/18/23 01:37	1
trans-1,3-Dichloropropene	ND		0.50	0.37	ug/L			11/18/23 01:37	1
Ethylbenzene	ND	*-	1.0	0.36	ug/L			11/18/23 01:37	1
Hexachlorobutadiene	ND		1.0	0.24	ug/L			11/18/23 01:37	1
2-Hexanone (MBK)	ND		2.0	0.69	ug/L			11/18/23 01:37	1
Isopropylbenzene	ND		1.0	0.38	ug/L			11/18/23 01:37	1
4-Isopropyltoluene	ND	*-	1.0	0.43	ug/L			11/18/23 01:37	1
Methyl tert-butyl ether	ND		1.0	0.26	ug/L			11/18/23 01:37	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.35	ug/L			11/18/23 01:37	1
Methylene Chloride	ND		2.0	0.54	ug/L			11/18/23 01:37	1
Naphthalene	ND	*-	2.0	0.70	ug/L			11/18/23 01:37	1
N-Propylbenzene	ND		1.0	0.36	ug/L			11/18/23 01:37	1
Styrene	ND		1.0	0.42	ug/L			11/18/23 01:37	1
1,1,1,2-Tetrachloroethane	ND	*-	1.0	0.37	ug/L			11/18/23 01:37	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.46	ug/L			11/18/23 01:37	1
Tetrachloroethene	**6.2**	***-**	1.0	0.36	ug/L			11/18/23 01:37	1
Toluene	ND	*-	1.0	0.28	ug/L			11/18/23 01:37	1
1,2,3-Trichlorobenzene	ND	*-	1.0	0.74	ug/L			11/18/23 01:37	1
1,2,4-Trichlorobenzene	ND	*-	1.0	0.70	ug/L			11/18/23 01:37	1
1,3,5-Trichlorobenzene	ND		1.0	0.54	ug/L			11/18/23 01:37	1
1,1,1-Trichloroethane	ND		1.0	0.33	ug/L			11/18/23 01:37	1
1,1,2-Trichloroethane	ND		1.0	0.35	ug/L			11/18/23 01:37	1
Trichloroethene	**0.56**	**J**	1.0	0.36	ug/L			11/18/23 01:37	1
Trichlorofluoromethane (Freon 11)	ND		1.0	0.23	ug/L			11/18/23 01:37	1
1,2,3-Trichloropropane	ND		1.0	0.51	ug/L			11/18/23 01:37	1
1,2,4-Trimethylbenzene	ND		1.0	0.46	ug/L			11/18/23 01:37	1
1,3,5-Trimethylbenzene	ND		1.0	0.45	ug/L			11/18/23 01:37	1

Client Sample ID: MW-10R
Lab Sample ID: 620-15196-3
Date Collected: 11/08/23 13:25
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0	0.26	ug/L			11/18/23 01:37	1
m,p-Xylene	ND		1.0	0.78	ug/L			11/18/23 01:37	1
o-Xylene	ND		1.0	0.43	ug/L			11/18/23 01:37	1
Tetrahydrofuran	ND		2.0	0.70	ug/L			11/18/23 01:37	1
Ethyl ether	ND		1.0	0.42	ug/L			11/18/23 01:37	1
Tert-amyl methyl ether	ND		1.0	0.26	ug/L			11/18/23 01:37	1
Ethyl tert-butyl ether	ND		1.0	0.29	ug/L			11/18/23 01:37	1
di-Isopropyl ether	ND		1.0	0.26	ug/L			11/18/23 01:37	1
tert-Butanol	ND		10	8.5	ug/L			11/18/23 01:37	1
1,4-Dioxane	ND		50	7.4	ug/L			11/18/23 01:37	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.81	ug/L			11/18/23 01:37	1
Ethanol	ND		200	9.1	ug/L			11/18/23 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/18/23 01:37*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/18/23 01:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*		*11/18/23 01:37*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*11/18/23 01:37*	*1*

Client Sample ID: MW-22R
Lab Sample ID: 620-15196-4
Date Collected: 11/08/23 14:10
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND	*-	1.0	0.20	ug/L			11/18/23 02:03	1
Acetone	ND		10	0.90	ug/L			11/18/23 02:03	1
Acrylonitrile	ND		0.50	0.36	ug/L			11/18/23 02:03	1
Benzene	ND		1.0	0.25	ug/L			11/18/23 02:03	1
Bromobenzene	ND	*-	1.0	0.40	ug/L			11/18/23 02:03	1
Bromochloromethane	ND		1.0	0.39	ug/L			11/18/23 02:03	1
Bromodichloromethane	ND		0.50	0.33	ug/L			11/18/23 02:03	1
Bromoform	ND	*-	1.0	0.45	ug/L			11/18/23 02:03	1
Bromomethane	ND		2.0	0.63	ug/L			11/18/23 02:03	1
2-Butanone (MEK)	ND		2.0	0.58	ug/L			11/18/23 02:03	1
n-Butylbenzene	ND	*-	1.0	0.45	ug/L			11/18/23 02:03	1
sec-Butylbenzene	ND		1.0	0.40	ug/L			11/18/23 02:03	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			11/18/23 02:03	1
Carbon disulfide	ND		2.0	0.44	ug/L			11/18/23 02:03	1
Carbon tetrachloride	ND		1.0	0.25	ug/L			11/18/23 02:03	1
Chlorobenzene	ND	*-	1.0	0.42	ug/L			11/18/23 02:03	1
Chloroethane	ND		2.0	0.41	ug/L			11/18/23 02:03	1
Chloroform	ND		1.0	0.30	ug/L			11/18/23 02:03	1
Chloromethane	ND		2.0	0.49	ug/L			11/18/23 02:03	1
2-Chlorotoluene	ND		1.0	0.43	ug/L			11/18/23 02:03	1
4-Chlorotoluene	ND		1.0	0.42	ug/L			11/18/23 02:03	1
1,2-Dibromo-3-Chloropropane	ND	*-	2.0	0.51	ug/L			11/18/23 02:03	1
Dibromochloromethane	ND		0.50	0.33	ug/L			11/18/23 02:03	1
1,2-Dibromoethane (EDB)	ND		0.50	0.34	ug/L			11/18/23 02:03	1

Client: ARCADIS U.S. Inc
Job ID: 620-15196-1
Project/Site: Henry Johnson Boulevard Properties (HJBC)

Client Sample ID: MW-22R
Lab Sample ID: 620-15196-4
Date Collected: 11/08/23 14:10
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		1.0	0.36	ug/L			11/18/23 02:03	1
1,2-Dichlorobenzene	ND	*-	1.0	0.48	ug/L			11/18/23 02:03	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			11/18/23 02:03	1
1,4-Dichlorobenzene	ND	*-	1.0	0.49	ug/L			11/18/23 02:03	1
Dichlorodifluoromethane (Freon 12)	ND		2.0	0.29	ug/L			11/18/23 02:03	1
1,1-Dichloroethane	ND		1.0	0.36	ug/L			11/18/23 02:03	1
1,2-Dichloroethane	ND		1.0	0.26	ug/L			11/18/23 02:03	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L			11/18/23 02:03	1
cis-1,2-Dichloroethene	**16**		1.0	0.30	ug/L			11/18/23 02:03	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			11/18/23 02:03	1
1,2-Dichloropropane	ND		1.0	0.36	ug/L			11/18/23 02:03	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			11/18/23 02:03	1
2,2-Dichloropropane	ND		1.0	0.49	ug/L			11/18/23 02:03	1
1,1-Dichloropropene	ND	*-	1.0	0.29	ug/L			11/18/23 02:03	1
cis-1,3-Dichloropropene	ND		0.50	0.30	ug/L			11/18/23 02:03	1
trans-1,3-Dichloropropene	ND		0.50	0.37	ug/L			11/18/23 02:03	1
Ethylbenzene	ND	*-	1.0	0.36	ug/L			11/18/23 02:03	1
Hexachlorobutadiene	ND		1.0	0.24	ug/L			11/18/23 02:03	1
2-Hexanone (MBK)	ND		2.0	0.69	ug/L			11/18/23 02:03	1
Isopropylbenzene	ND		1.0	0.38	ug/L			11/18/23 02:03	1
4-Isopropyltoluene	ND	*-	1.0	0.43	ug/L			11/18/23 02:03	1
Methyl tert-butyl ether	ND		1.0	0.26	ug/L			11/18/23 02:03	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.35	ug/L			11/18/23 02:03	1
Methylene Chloride	ND		2.0	0.54	ug/L			11/18/23 02:03	1
Naphthalene	ND	*-	2.0	0.70	ug/L			11/18/23 02:03	1
N-Propylbenzene	ND		1.0	0.36	ug/L			11/18/23 02:03	1
Styrene	ND		1.0	0.42	ug/L			11/18/23 02:03	1
1,1,1,2-Tetrachloroethane	ND	*-	1.0	0.37	ug/L			11/18/23 02:03	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.46	ug/L			11/18/23 02:03	1
Toluene	ND	*-	1.0	0.28	ug/L			11/18/23 02:03	1
1,2,3-Trichlorobenzene	ND	*-	1.0	0.74	ug/L			11/18/23 02:03	1
1,2,4-Trichlorobenzene	ND	*-	1.0	0.70	ug/L			11/18/23 02:03	1
1,3,5-Trichlorobenzene	ND		1.0	0.54	ug/L			11/18/23 02:03	1
1,1,1-Trichloroethane	ND		1.0	0.33	ug/L			11/18/23 02:03	1
1,1,2-Trichloroethane	ND		1.0	0.35	ug/L			11/18/23 02:03	1
Trichloroethene	**30**		1.0	0.36	ug/L			11/18/23 02:03	1
Trichlorofluoromethane (Freon 11)	ND		1.0	0.23	ug/L			11/18/23 02:03	1
1,2,3-Trichloropropane	ND		1.0	0.51	ug/L			11/18/23 02:03	1
1,2,4-Trimethylbenzene	ND		1.0	0.46	ug/L			11/18/23 02:03	1
1,3,5-Trimethylbenzene	ND		1.0	0.45	ug/L			11/18/23 02:03	1
Vinyl chloride	**0.29**	**J**	1.0	0.26	ug/L			11/18/23 02:03	1
m,p-Xylene	ND		1.0	0.78	ug/L			11/18/23 02:03	1
o-Xylene	ND		1.0	0.43	ug/L			11/18/23 02:03	1
Tetrahydrofuran	ND		2.0	0.70	ug/L			11/18/23 02:03	1
Ethyl ether	ND		1.0	0.42	ug/L			11/18/23 02:03	1
Tert-amyl methyl ether	ND		1.0	0.26	ug/L			11/18/23 02:03	1
Ethyl tert-butyl ether	ND		1.0	0.29	ug/L			11/18/23 02:03	1
di-Isopropyl ether	ND		1.0	0.26	ug/L			11/18/23 02:03	1
tert-Butanol	ND		10	8.5	ug/L			11/18/23 02:03	1

Client Sample ID: MW-22R
Lab Sample ID: 620-15196-4

Date Collected: 11/08/23 14:10
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		50	7.4	ug/L			11/18/23 02:03	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.81	ug/L			11/18/23 02:03	1
Ethanol	ND		200	9.1	ug/L			11/18/23 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*11/18/23 02:03*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/18/23 02:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*11/18/23 02:03*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*11/18/23 02:03*	*1*

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**250**		10	3.6	ug/L			11/20/23 11:55	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*11/20/23 11:55*	*10*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/20/23 11:55*	*10*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*11/20/23 11:55*	*10*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*11/20/23 11:55*	*10*

Client Sample ID: MW-14
Lab Sample ID: 620-15196-5

Date Collected: 11/08/23 14:55
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND	*-	1.0	0.20	ug/L			11/18/23 02:29	1
Acetone	ND		10	0.90	ug/L			11/18/23 02:29	1
Acrylonitrile	ND		0.50	0.36	ug/L			11/18/23 02:29	1
Benzene	ND		1.0	0.25	ug/L			11/18/23 02:29	1
Bromobenzene	ND	*-	1.0	0.40	ug/L			11/18/23 02:29	1
Bromochloromethane	ND		1.0	0.39	ug/L			11/18/23 02:29	1
Bromodichloromethane	ND		0.50	0.33	ug/L			11/18/23 02:29	1
Bromoform	ND	*-	1.0	0.45	ug/L			11/18/23 02:29	1
Bromomethane	ND		2.0	0.63	ug/L			11/18/23 02:29	1
2-Butanone (MEK)	ND		2.0	0.58	ug/L			11/18/23 02:29	1
n-Butylbenzene	ND	*-	1.0	0.45	ug/L			11/18/23 02:29	1
sec-Butylbenzene	ND		1.0	0.40	ug/L			11/18/23 02:29	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			11/18/23 02:29	1
Carbon disulfide	ND		2.0	0.44	ug/L			11/18/23 02:29	1
Carbon tetrachloride	ND		1.0	0.25	ug/L			11/18/23 02:29	1
Chlorobenzene	ND	*-	1.0	0.42	ug/L			11/18/23 02:29	1
Chloroethane	ND		2.0	0.41	ug/L			11/18/23 02:29	1
Chloroform	ND		1.0	0.30	ug/L			11/18/23 02:29	1
Chloromethane	ND		2.0	0.49	ug/L			11/18/23 02:29	1
2-Chlorotoluene	ND		1.0	0.43	ug/L			11/18/23 02:29	1
4-Chlorotoluene	ND		1.0	0.42	ug/L			11/18/23 02:29	1
1,2-Dibromo-3-Chloropropane	ND	*-	2.0	0.51	ug/L			11/18/23 02:29	1
Dibromochloromethane	ND		0.50	0.33	ug/L			11/18/23 02:29	1
1,2-Dibromoethane (EDB)	ND		0.50	0.34	ug/L			11/18/23 02:29	1

Client: ARCADIS U.S. Inc
Project/Site: Henry Johnson Boulevard Properties (HJBC)

Job ID: 620-15196-1

Client Sample ID: MW-14
Date Collected: 11/08/23 14:55
Date Received: 11/09/23 11:01

Lab Sample ID: 620-15196-5
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		1.0	0.36	ug/L			11/18/23 02:29	1
1,2-Dichlorobenzene	ND	*-	1.0	0.48	ug/L			11/18/23 02:29	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			11/18/23 02:29	1
1,4-Dichlorobenzene	ND	*-	1.0	0.49	ug/L			11/18/23 02:29	1
Dichlorodifluoromethane (Freon 12)	ND		2.0	0.29	ug/L			11/18/23 02:29	1
1,1-Dichloroethane	ND		1.0	0.36	ug/L			11/18/23 02:29	1
1,2-Dichloroethane	ND		1.0	0.26	ug/L			11/18/23 02:29	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L			11/18/23 02:29	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/18/23 02:29	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			11/18/23 02:29	1
1,2-Dichloropropane	ND		1.0	0.36	ug/L			11/18/23 02:29	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			11/18/23 02:29	1
2,2-Dichloropropane	ND		1.0	0.49	ug/L			11/18/23 02:29	1
1,1-Dichloropropene	ND	*-	1.0	0.29	ug/L			11/18/23 02:29	1
cis-1,3-Dichloropropene	ND		0.50	0.30	ug/L			11/18/23 02:29	1
trans-1,3-Dichloropropene	ND		0.50	0.37	ug/L			11/18/23 02:29	1
Ethylbenzene	ND	*-	1.0	0.36	ug/L			11/18/23 02:29	1
Hexachlorobutadiene	ND		1.0	0.24	ug/L			11/18/23 02:29	1
2-Hexanone (MBK)	ND		2.0	0.69	ug/L			11/18/23 02:29	1
Isopropylbenzene	ND		1.0	0.38	ug/L			11/18/23 02:29	1
4-Isopropyltoluene	ND	*-	1.0	0.43	ug/L			11/18/23 02:29	1
Methyl tert-butyl ether	ND		1.0	0.26	ug/L			11/18/23 02:29	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.35	ug/L			11/18/23 02:29	1
Methylene Chloride	ND		2.0	0.54	ug/L			11/18/23 02:29	1
Naphthalene	ND	*-	2.0	0.70	ug/L			11/18/23 02:29	1
N-Propylbenzene	ND		1.0	0.36	ug/L			11/18/23 02:29	1
Styrene	ND		1.0	0.42	ug/L			11/18/23 02:29	1
1,1,1,2-Tetrachloroethane	ND	*-	1.0	0.37	ug/L			11/18/23 02:29	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.46	ug/L			11/18/23 02:29	1
Tetrachloroethene	**0.89**	**J *-**	1.0	0.36	ug/L			11/18/23 02:29	1
Toluene	ND	*-	1.0	0.28	ug/L			11/18/23 02:29	1
1,2,3-Trichlorobenzene	ND	*-	1.0	0.74	ug/L			11/18/23 02:29	1
1,2,4-Trichlorobenzene	ND	*-	1.0	0.70	ug/L			11/18/23 02:29	1
1,3,5-Trichlorobenzene	ND		1.0	0.54	ug/L			11/18/23 02:29	1
1,1,1-Trichloroethane	ND		1.0	0.33	ug/L			11/18/23 02:29	1
1,1,2-Trichloroethane	ND		1.0	0.35	ug/L			11/18/23 02:29	1
Trichloroethene	ND		1.0	0.36	ug/L			11/18/23 02:29	1
Trichlorofluoromethane (Freon 11)	ND		1.0	0.23	ug/L			11/18/23 02:29	1
1,2,3-Trichloropropane	ND		1.0	0.51	ug/L			11/18/23 02:29	1
1,2,4-Trimethylbenzene	ND		1.0	0.46	ug/L			11/18/23 02:29	1
1,3,5-Trimethylbenzene	ND		1.0	0.45	ug/L			11/18/23 02:29	1
Vinyl chloride	ND		1.0	0.26	ug/L			11/18/23 02:29	1
m,p-Xylene	ND		1.0	0.78	ug/L			11/18/23 02:29	1
o-Xylene	ND		1.0	0.43	ug/L			11/18/23 02:29	1
Tetrahydrofuran	ND		2.0	0.70	ug/L			11/18/23 02:29	1
Ethyl ether	ND		1.0	0.42	ug/L			11/18/23 02:29	1
Tert-amyl methyl ether	ND		1.0	0.26	ug/L			11/18/23 02:29	1
Ethyl tert-butyl ether	ND		1.0	0.29	ug/L			11/18/23 02:29	1
di-Isopropyl ether	ND		1.0	0.26	ug/L			11/18/23 02:29	1

Client Sample ID: MW-14
Lab Sample ID: 620-15196-5

Date Collected: 11/08/23 14:55
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butanol	ND		10	8.5	ug/L			11/18/23 02:29	1
1,4-Dioxane	ND		50	7.4	ug/L			11/18/23 02:29	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.81	ug/L			11/18/23 02:29	1
Ethanol	ND		200	9.1	ug/L			11/18/23 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*11/18/23 02:29*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/18/23 02:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*11/18/23 02:29*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*11/18/23 02:29*	*1*

Client Sample ID: DUP-1
Lab Sample ID: 620-15196-6

Date Collected: 11/08/23 00:00
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND	*-	1.0	0.20	ug/L			11/18/23 02:54	1
Acetone	ND		10	0.90	ug/L			11/18/23 02:54	1
Acrylonitrile	ND		0.50	0.36	ug/L			11/18/23 02:54	1
Benzene	ND		1.0	0.25	ug/L			11/18/23 02:54	1
Bromobenzene	ND	*-	1.0	0.40	ug/L			11/18/23 02:54	1
Bromochloromethane	ND		1.0	0.39	ug/L			11/18/23 02:54	1
Bromodichloromethane	ND		0.50	0.33	ug/L			11/18/23 02:54	1
Bromoform	ND	*-	1.0	0.45	ug/L			11/18/23 02:54	1
Bromomethane	ND		2.0	0.63	ug/L			11/18/23 02:54	1
2-Butanone (MEK)	ND		2.0	0.58	ug/L			11/18/23 02:54	1
n-Butylbenzene	ND	*-	1.0	0.45	ug/L			11/18/23 02:54	1
sec-Butylbenzene	ND		1.0	0.40	ug/L			11/18/23 02:54	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			11/18/23 02:54	1
Carbon disulfide	ND		2.0	0.44	ug/L			11/18/23 02:54	1
Carbon tetrachloride	ND		1.0	0.25	ug/L			11/18/23 02:54	1
Chlorobenzene	ND	*-	1.0	0.42	ug/L			11/18/23 02:54	1
Chloroethane	ND		2.0	0.41	ug/L			11/18/23 02:54	1
Chloroform	ND		1.0	0.30	ug/L			11/18/23 02:54	1
Chloromethane	ND		2.0	0.49	ug/L			11/18/23 02:54	1
2-Chlorotoluene	ND		1.0	0.43	ug/L			11/18/23 02:54	1
4-Chlorotoluene	ND		1.0	0.42	ug/L			11/18/23 02:54	1
1,2-Dibromo-3-Chloropropane	ND	*-	2.0	0.51	ug/L			11/18/23 02:54	1
Dibromochloromethane	ND		0.50	0.33	ug/L			11/18/23 02:54	1
1,2-Dibromoethane (EDB)	ND		0.50	0.34	ug/L			11/18/23 02:54	1
Dibromomethane	ND		1.0	0.36	ug/L			11/18/23 02:54	1
1,2-Dichlorobenzene	ND	*-	1.0	0.48	ug/L			11/18/23 02:54	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			11/18/23 02:54	1
1,4-Dichlorobenzene	ND	*-	1.0	0.49	ug/L			11/18/23 02:54	1
Dichlorodifluoromethane (Freon 12)	ND		2.0	0.29	ug/L			11/18/23 02:54	1
1,1-Dichloroethane	ND		1.0	0.36	ug/L			11/18/23 02:54	1
1,2-Dichloroethane	ND		1.0	0.26	ug/L			11/18/23 02:54	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L			11/18/23 02:54	1

Client Sample ID: DUP-1
Date Collected: 11/08/23 00:00
Date Received: 11/09/23 11:01

Lab Sample ID: 620-15196-6
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**21**		1.0	0.30	ug/L			11/18/23 02:54	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			11/18/23 02:54	1
1,2-Dichloropropane	ND		1.0	0.36	ug/L			11/18/23 02:54	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			11/18/23 02:54	1
2,2-Dichloropropane	ND		1.0	0.49	ug/L			11/18/23 02:54	1
1,1-Dichloropropene	ND	*-	1.0	0.29	ug/L			11/18/23 02:54	1
cis-1,3-Dichloropropene	ND		0.50	0.30	ug/L			11/18/23 02:54	1
trans-1,3-Dichloropropene	ND		0.50	0.37	ug/L			11/18/23 02:54	1
Ethylbenzene	ND	*-	1.0	0.36	ug/L			11/18/23 02:54	1
Hexachlorobutadiene	ND		1.0	0.24	ug/L			11/18/23 02:54	1
2-Hexanone (MBK)	ND		2.0	0.69	ug/L			11/18/23 02:54	1
Isopropylbenzene	ND		1.0	0.38	ug/L			11/18/23 02:54	1
4-Isopropyltoluene	ND	*-	1.0	0.43	ug/L			11/18/23 02:54	1
Methyl tert-butyl ether	ND		1.0	0.26	ug/L			11/18/23 02:54	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.35	ug/L			11/18/23 02:54	1
Methylene Chloride	ND		2.0	0.54	ug/L			11/18/23 02:54	1
Naphthalene	ND	*-	2.0	0.70	ug/L			11/18/23 02:54	1
N-Propylbenzene	ND		1.0	0.36	ug/L			11/18/23 02:54	1
Styrene	ND		1.0	0.42	ug/L			11/18/23 02:54	1
1,1,1,2-Tetrachloroethane	ND	*-	1.0	0.37	ug/L			11/18/23 02:54	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.46	ug/L			11/18/23 02:54	1
Tetrachloroethene	**70**	***-**	1.0	0.36	ug/L			11/18/23 02:54	1
Toluene	ND	*-	1.0	0.28	ug/L			11/18/23 02:54	1
1,2,3-Trichlorobenzene	ND	*-	1.0	0.74	ug/L			11/18/23 02:54	1
1,2,4-Trichlorobenzene	ND	*-	1.0	0.70	ug/L			11/18/23 02:54	1
1,3,5-Trichlorobenzene	ND		1.0	0.54	ug/L			11/18/23 02:54	1
1,1,1-Trichloroethane	ND		1.0	0.33	ug/L			11/18/23 02:54	1
1,1,2-Trichloroethane	ND		1.0	0.35	ug/L			11/18/23 02:54	1
Trichloroethene	**19**		1.0	0.36	ug/L			11/18/23 02:54	1
Trichlorofluoromethane (Freon 11)	ND		1.0	0.23	ug/L			11/18/23 02:54	1
1,2,3-Trichloropropane	ND		1.0	0.51	ug/L			11/18/23 02:54	1
1,2,4-Trimethylbenzene	ND		1.0	0.46	ug/L			11/18/23 02:54	1
1,3,5-Trimethylbenzene	ND		1.0	0.45	ug/L			11/18/23 02:54	1
Vinyl chloride	**2.8**		1.0	0.26	ug/L			11/18/23 02:54	1
m,p-Xylene	ND		1.0	0.78	ug/L			11/18/23 02:54	1
o-Xylene	ND		1.0	0.43	ug/L			11/18/23 02:54	1
Tetrahydrofuran	ND		2.0	0.70	ug/L			11/18/23 02:54	1
Ethyl ether	ND		1.0	0.42	ug/L			11/18/23 02:54	1
Tert-amyl methyl ether	ND		1.0	0.26	ug/L			11/18/23 02:54	1
Ethyl tert-butyl ether	ND		1.0	0.29	ug/L			11/18/23 02:54	1
di-Isopropyl ether	ND		1.0	0.26	ug/L			11/18/23 02:54	1
tert-Butanol	ND		10	8.5	ug/L			11/18/23 02:54	1
1,4-Dioxane	ND		50	7.4	ug/L			11/18/23 02:54	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.81	ug/L			11/18/23 02:54	1
Ethanol	ND		200	9.1	ug/L			11/18/23 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*11/18/23 02:54*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/18/23 02:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 130*		*11/18/23 02:54*	*1*

Client Sample ID: DUP-1
Lab Sample ID: 620-15196-6
Date Collected: 11/08/23 00:00
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*11/18/23 02:54*	*1*

Client Sample ID: Trip Blank
Lab Sample ID: 620-15196-7
Date Collected: 11/08/23 00:00
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND	*-	1.0	0.20	ug/L			11/17/23 21:18	1
Acetone	ND		10	0.90	ug/L			11/17/23 21:18	1
Acrylonitrile	ND		0.50	0.36	ug/L			11/17/23 21:18	1
Benzene	ND		1.0	0.25	ug/L			11/17/23 21:18	1
Bromobenzene	ND	*-	1.0	0.40	ug/L			11/17/23 21:18	1
Bromochloromethane	ND		1.0	0.39	ug/L			11/17/23 21:18	1
Bromodichloromethane	ND		0.50	0.33	ug/L			11/17/23 21:18	1
Bromoform	ND	*-	1.0	0.45	ug/L			11/17/23 21:18	1
Bromomethane	ND		2.0	0.63	ug/L			11/17/23 21:18	1
2-Butanone (MEK)	ND		2.0	0.58	ug/L			11/17/23 21:18	1
n-Butylbenzene	ND	*-	1.0	0.45	ug/L			11/17/23 21:18	1
sec-Butylbenzene	ND		1.0	0.40	ug/L			11/17/23 21:18	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			11/17/23 21:18	1
Carbon disulfide	ND		2.0	0.44	ug/L			11/17/23 21:18	1
Carbon tetrachloride	ND		1.0	0.25	ug/L			11/17/23 21:18	1
Chlorobenzene	ND	*-	1.0	0.42	ug/L			11/17/23 21:18	1
Chloroethane	ND		2.0	0.41	ug/L			11/17/23 21:18	1
Chloroform	ND		1.0	0.30	ug/L			11/17/23 21:18	1
Chloromethane	ND		2.0	0.49	ug/L			11/17/23 21:18	1
2-Chlorotoluene	ND		1.0	0.43	ug/L			11/17/23 21:18	1
4-Chlorotoluene	ND		1.0	0.42	ug/L			11/17/23 21:18	1
1,2-Dibromo-3-Chloropropane	ND	*-	2.0	0.51	ug/L			11/17/23 21:18	1
Dibromochloromethane	ND		0.50	0.33	ug/L			11/17/23 21:18	1
1,2-Dibromoethane (EDB)	ND		0.50	0.34	ug/L			11/17/23 21:18	1
Dibromomethane	ND		1.0	0.36	ug/L			11/17/23 21:18	1
1,2-Dichlorobenzene	ND	*-	1.0	0.48	ug/L			11/17/23 21:18	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			11/17/23 21:18	1
1,4-Dichlorobenzene	ND	*-	1.0	0.49	ug/L			11/17/23 21:18	1
Dichlorodifluoromethane (Freon 12)	ND		2.0	0.29	ug/L			11/17/23 21:18	1
1,1-Dichloroethane	ND		1.0	0.36	ug/L			11/17/23 21:18	1
1,2-Dichloroethane	ND		1.0	0.26	ug/L			11/17/23 21:18	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L			11/17/23 21:18	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/17/23 21:18	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			11/17/23 21:18	1
1,2-Dichloropropane	ND		1.0	0.36	ug/L			11/17/23 21:18	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			11/17/23 21:18	1
2,2-Dichloropropane	ND		1.0	0.49	ug/L			11/17/23 21:18	1
1,1-Dichloropropene	ND	*-	1.0	0.29	ug/L			11/17/23 21:18	1
cis-1,3-Dichloropropene	ND		0.50	0.30	ug/L			11/17/23 21:18	1
trans-1,3-Dichloropropene	ND		0.50	0.37	ug/L			11/17/23 21:18	1
Ethylbenzene	ND	*-	1.0	0.36	ug/L			11/17/23 21:18	1

Client Sample ID: Trip Blank
Lab Sample ID: 620-15196-7
Date Collected: 11/08/23 00:00
Matrix: Water
Date Received: 11/09/23 11:01

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		1.0	0.24	ug/L			11/17/23 21:18	1
2-Hexanone (MBK)	ND		2.0	0.69	ug/L			11/17/23 21:18	1
Isopropylbenzene	ND		1.0	0.38	ug/L			11/17/23 21:18	1
4-Isopropyltoluene	ND	*-	1.0	0.43	ug/L			11/17/23 21:18	1
Methyl tert-butyl ether	ND		1.0	0.26	ug/L			11/17/23 21:18	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.35	ug/L			11/17/23 21:18	1
Methylene Chloride	ND		2.0	0.54	ug/L			11/17/23 21:18	1
Naphthalene	ND	*-	2.0	0.70	ug/L			11/17/23 21:18	1
N-Propylbenzene	ND		1.0	0.36	ug/L			11/17/23 21:18	1
Styrene	ND		1.0	0.42	ug/L			11/17/23 21:18	1
1,1,1,2-Tetrachloroethane	ND	*-	1.0	0.37	ug/L			11/17/23 21:18	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.46	ug/L			11/17/23 21:18	1
Tetrachloroethene	ND	*-	1.0	0.36	ug/L			11/17/23 21:18	1
Toluene	ND	*-	1.0	0.28	ug/L			11/17/23 21:18	1
1,2,3-Trichlorobenzene	ND	*-	1.0	0.74	ug/L			11/17/23 21:18	1
1,2,4-Trichlorobenzene	ND	*-	1.0	0.70	ug/L			11/17/23 21:18	1
1,3,5-Trichlorobenzene	ND		1.0	0.54	ug/L			11/17/23 21:18	1
1,1,1-Trichloroethane	ND		1.0	0.33	ug/L			11/17/23 21:18	1
1,1,2-Trichloroethane	ND		1.0	0.35	ug/L			11/17/23 21:18	1
Trichloroethene	ND		1.0	0.36	ug/L			11/17/23 21:18	1
Trichlorofluoromethane (Freon 11)	ND		1.0	0.23	ug/L			11/17/23 21:18	1
1,2,3-Trichloropropane	ND		1.0	0.51	ug/L			11/17/23 21:18	1
1,2,4-Trimethylbenzene	ND		1.0	0.46	ug/L			11/17/23 21:18	1
1,3,5-Trimethylbenzene	ND		1.0	0.45	ug/L			11/17/23 21:18	1
Vinyl chloride	ND		1.0	0.26	ug/L			11/17/23 21:18	1
m,p-Xylene	ND		1.0	0.78	ug/L			11/17/23 21:18	1
o-Xylene	ND		1.0	0.43	ug/L			11/17/23 21:18	1
Tetrahydrofuran	ND		2.0	0.70	ug/L			11/17/23 21:18	1
Ethyl ether	ND		1.0	0.42	ug/L			11/17/23 21:18	1
Tert-amyl methyl ether	ND		1.0	0.26	ug/L			11/17/23 21:18	1
Ethyl tert-butyl ether	ND		1.0	0.29	ug/L			11/17/23 21:18	1
di-Isopropyl ether	ND		1.0	0.26	ug/L			11/17/23 21:18	1
tert-Butanol	ND		10	8.5	ug/L			11/17/23 21:18	1
1,4-Dioxane	ND		50	7.4	ug/L			11/17/23 21:18	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.81	ug/L			11/17/23 21:18	1
Ethanol	ND		200	9.1	ug/L			11/17/23 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/17/23 21:18*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/17/23 21:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*11/17/23 21:18*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*11/17/23 21:18*	*1*

Surrogate Summary

Client: ARCADIS U.S. Inc
Job ID: 620-15196-1
Project/Site: Henry Johnson Boulevard Properties (HJBC)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	TOL	DCA	DBFM
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
620-15196-1	MW-11R	97	100	111	103
620-15196-2	MW-4R	97	100	111	105
620-15196-3	MW-10R	99	101	113	104
620-15196-4	MW-22R	96	99	110	103
620-15196-4 - DL	MW-22R	100	100	111	104
620-15196-5	MW-14	98	99	110	104
620-15196-6	DUP-1	97	100	114	105
620-15196-7	Trip Blank	99	99	109	103
LCS 620-29208/4	Lab Control Sample	106	103	112	106
LCS 620-29247/4	Lab Control Sample	105	102	109	105
LCSD 620-29208/5	Lab Control Sample Dup	105	101	108	104
LCSD 620-29247/5	Lab Control Sample Dup	104	102	107	104
MB 620-29208/7	Method Blank	99	99	108	102
MB 620-29247/7	Method Blank	100	100	111	104

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 620-29208/7
Matrix: Water
Analysis Batch: 29208

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		1.0	0.20	ug/L			11/17/23 20:52	1
Acetone	ND		10	0.90	ug/L			11/17/23 20:52	1
Acrylonitrile	ND		0.50	0.36	ug/L			11/17/23 20:52	1
Benzene	ND		1.0	0.25	ug/L			11/17/23 20:52	1
Bromobenzene	ND		1.0	0.40	ug/L			11/17/23 20:52	1
Bromochloromethane	ND		1.0	0.39	ug/L			11/17/23 20:52	1
Bromodichloromethane	ND		0.50	0.33	ug/L			11/17/23 20:52	1
Bromoform	ND		1.0	0.45	ug/L			11/17/23 20:52	1
Bromomethane	ND		2.0	0.63	ug/L			11/17/23 20:52	1
2-Butanone (MEK)	ND		2.0	0.58	ug/L			11/17/23 20:52	1
n-Butylbenzene	ND		1.0	0.45	ug/L			11/17/23 20:52	1
sec-Butylbenzene	ND		1.0	0.40	ug/L			11/17/23 20:52	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			11/17/23 20:52	1
Carbon disulfide	ND		2.0	0.44	ug/L			11/17/23 20:52	1
Carbon tetrachloride	ND		1.0	0.25	ug/L			11/17/23 20:52	1
Chlorobenzene	ND		1.0	0.42	ug/L			11/17/23 20:52	1
Chloroethane	ND		2.0	0.41	ug/L			11/17/23 20:52	1
Chloroform	ND		1.0	0.30	ug/L			11/17/23 20:52	1
Chloromethane	ND		2.0	0.49	ug/L			11/17/23 20:52	1
2-Chlorotoluene	ND		1.0	0.43	ug/L			11/17/23 20:52	1
4-Chlorotoluene	ND		1.0	0.42	ug/L			11/17/23 20:52	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.51	ug/L			11/17/23 20:52	1
Dibromochloromethane	ND		0.50	0.33	ug/L			11/17/23 20:52	1
1,2-Dibromoethane (EDB)	ND		0.50	0.34	ug/L			11/17/23 20:52	1
Dibromomethane	ND		1.0	0.36	ug/L			11/17/23 20:52	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/17/23 20:52	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			11/17/23 20:52	1
1,4-Dichlorobenzene	ND		1.0	0.49	ug/L			11/17/23 20:52	1
Dichlorodifluoromethane (Freon 12)	ND		2.0	0.29	ug/L			11/17/23 20:52	1
1,1-Dichloroethane	ND		1.0	0.36	ug/L			11/17/23 20:52	1
1,2-Dichloroethane	ND		1.0	0.26	ug/L			11/17/23 20:52	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L			11/17/23 20:52	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/17/23 20:52	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			11/17/23 20:52	1
1,2-Dichloropropane	ND		1.0	0.36	ug/L			11/17/23 20:52	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			11/17/23 20:52	1
2,2-Dichloropropane	ND		1.0	0.49	ug/L			11/17/23 20:52	1
1,1-Dichloropropene	ND		1.0	0.29	ug/L			11/17/23 20:52	1
cis-1,3-Dichloropropene	ND		0.50	0.30	ug/L			11/17/23 20:52	1
trans-1,3-Dichloropropene	ND		0.50	0.37	ug/L			11/17/23 20:52	1
Ethylbenzene	ND		1.0	0.36	ug/L			11/17/23 20:52	1
Hexachlorobutadiene	ND		1.0	0.24	ug/L			11/17/23 20:52	1
2-Hexanone (MBK)	ND		2.0	0.69	ug/L			11/17/23 20:52	1
Isopropylbenzene	ND		1.0	0.38	ug/L			11/17/23 20:52	1
4-Isopropyltoluene	ND		1.0	0.43	ug/L			11/17/23 20:52	1
Methyl tert-butyl ether	ND		1.0	0.26	ug/L			11/17/23 20:52	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.35	ug/L			11/17/23 20:52	1
Methylene Chloride	ND		2.0	0.54	ug/L			11/17/23 20:52	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 620-29208/7
Matrix: Water
Analysis Batch: 29208

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		2.0	0.70	ug/L			11/17/23 20:52	1
N-Propylbenzene	ND		1.0	0.36	ug/L			11/17/23 20:52	1
Styrene	ND		1.0	0.42	ug/L			11/17/23 20:52	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.37	ug/L			11/17/23 20:52	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.46	ug/L			11/17/23 20:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/17/23 20:52	1
Toluene	ND		1.0	0.28	ug/L			11/17/23 20:52	1
1,2,3-Trichlorobenzene	ND		1.0	0.74	ug/L			11/17/23 20:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.70	ug/L			11/17/23 20:52	1
1,3,5-Trichlorobenzene	ND		1.0	0.54	ug/L			11/17/23 20:52	1
1,1,1-Trichloroethane	ND		1.0	0.33	ug/L			11/17/23 20:52	1
1,1,2-Trichloroethane	ND		1.0	0.35	ug/L			11/17/23 20:52	1
Trichloroethene	ND		1.0	0.36	ug/L			11/17/23 20:52	1
Trichlorofluoromethane (Freon 11)	ND		1.0	0.23	ug/L			11/17/23 20:52	1
1,2,3-Trichloropropane	ND		1.0	0.51	ug/L			11/17/23 20:52	1
1,2,4-Trimethylbenzene	ND		1.0	0.46	ug/L			11/17/23 20:52	1
1,3,5-Trimethylbenzene	ND		1.0	0.45	ug/L			11/17/23 20:52	1
Vinyl chloride	ND		1.0	0.26	ug/L			11/17/23 20:52	1
m,p-Xylene	ND		1.0	0.78	ug/L			11/17/23 20:52	1
o-Xylene	ND		1.0	0.43	ug/L			11/17/23 20:52	1
Tetrahydrofuran	ND		2.0	0.70	ug/L			11/17/23 20:52	1
Ethyl ether	ND		1.0	0.42	ug/L			11/17/23 20:52	1
Tert-amyl methyl ether	ND		1.0	0.26	ug/L			11/17/23 20:52	1
Ethyl tert-butyl ether	ND		1.0	0.29	ug/L			11/17/23 20:52	1
di-Isopropyl ether	ND		1.0	0.26	ug/L			11/17/23 20:52	1
tert-Butanol	ND		10	8.5	ug/L			11/17/23 20:52	1
1,4-Dioxane	ND		50	7.4	ug/L			11/17/23 20:52	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.81	ug/L			11/17/23 20:52	1
Ethanol	ND		200	9.1	ug/L			11/17/23 20:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/17/23 20:52*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*11/17/23 20:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*11/17/23 20:52*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*11/17/23 20:52*	*1*

Lab Sample ID: LCS 620-29208/4
Matrix: Water
Analysis Batch: 29208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0	18.0		ug/L		90	85 - 124
Acetone	20.0	14.0		ug/L		70	14 - 133
Acrylonitrile	20.0	17.3		ug/L		87	62 - 134
Benzene	20.0	18.4		ug/L		92	86 - 111
Bromobenzene	20.0	16.4		ug/L		82	82 - 120
Bromochloromethane	20.0	18.2		ug/L		91	83 - 123
Bromodichloromethane	20.0	20.5		ug/L		102	83 - 137

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 620-29208/4
Matrix: Water
Analysis Batch: 29208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoform	20.0	18.6		ug/L		93	91 - 137
Bromomethane	20.0	17.5		ug/L		87	29 - 148
2-Butanone (MEK)	20.0	15.5		ug/L		78	10 - 200
n-Butylbenzene	20.0	17.6		ug/L		88	85 - 138
sec-Butylbenzene	20.0	19.9		ug/L		99	75 - 118
tert-Butylbenzene	20.0	19.0		ug/L		95	85 - 122
Carbon disulfide	20.0	17.6		ug/L		88	69 - 150
Carbon tetrachloride	20.0	19.1		ug/L		95	84 - 123
Chlorobenzene	20.0	18.9		ug/L		95	93 - 115
Chloroethane	20.0	17.4		ug/L		87	56 - 155
Chloroform	20.0	20.4		ug/L		102	84 - 116
Chloromethane	20.0	18.2		ug/L		91	45 - 138
2-Chlorotoluene	20.0	18.4		ug/L		92	88 - 116
4-Chlorotoluene	20.0	19.5		ug/L		98	81 - 128
1,2-Dibromo-3-Chloropropane	20.0	14.0		ug/L		70	70 - 139
Dibromochloromethane	20.0	18.9		ug/L		95	83 - 132
1,2-Dibromoethane (EDB)	20.0	17.9		ug/L		89	82 - 125
Dibromomethane	20.0	18.6		ug/L		93	80 - 125
1,2-Dichlorobenzene	20.0	17.5		ug/L		87	84 - 128
1,3-Dichlorobenzene	20.0	18.4		ug/L		92	85 - 120
1,4-Dichlorobenzene	20.0	17.0	*-	ug/L		85	86 - 116
Dichlorodifluoromethane (Freon 12)	20.0	11.1		ug/L		55	36 - 131
1,1-Dichloroethane	20.0	20.1		ug/L		100	81 - 120
1,2-Dichloroethane	20.0	18.6		ug/L		93	82 - 116
1,1-Dichloroethene	20.0	18.1		ug/L		91	83 - 120
cis-1,2-Dichloroethene	20.0	18.6		ug/L		93	81 - 124
trans-1,2-Dichloroethene	20.0	18.1		ug/L		91	81 - 127
1,2-Dichloropropane	20.0	19.3		ug/L		97	76 - 132
1,3-Dichloropropane	20.0	17.1		ug/L		86	74 - 122
2,2-Dichloropropane	20.0	18.8		ug/L		94	77 - 130
1,1-Dichloropropene	20.0	16.9		ug/L		85	81 - 115
cis-1,3-Dichloropropene	20.0	17.4		ug/L		87	74 - 129
trans-1,3-Dichloropropene	20.0	19.8		ug/L		99	78 - 126
Ethylbenzene	20.0	18.6		ug/L		93	89 - 117
Hexachlorobutadiene	20.0	16.4		ug/L		82	77 - 118
2-Hexanone (MBK)	20.0	12.2		ug/L		61	37 - 123
Isopropylbenzene	20.0	18.9		ug/L		95	83 - 117
4-Isopropyltoluene	20.0	15.7	*-	ug/L		79	83 - 124
Methyl tert-butyl ether	20.0	16.5		ug/L		82	70 - 126
4-Methyl-2-pentanone (MIBK)	20.0	14.2		ug/L		71	59 - 118
Methylene Chloride	20.0	17.9		ug/L		89	75 - 121
Naphthalene	20.0	10.3	*-	ug/L		52	67 - 123
N-Propylbenzene	20.0	19.8		ug/L		99	84 - 128
Styrene	20.0	17.8		ug/L		89	78 - 127
1,1,1,2-Tetrachloroethane	20.0	17.8	*-	ug/L		89	91 - 118
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/L		91	77 - 129
Tetrachloroethene	20.0	17.4		ug/L		87	85 - 116
Toluene	20.0	18.4		ug/L		92	88 - 109

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 620-29208/4
Matrix: Water
Analysis Batch: 29208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	20.0	11.8	*-	ug/L		59	67 - 134
1,2,4-Trichlorobenzene	20.0	15.0	*-	ug/L		75	78 - 133
1,3,5-Trichlorobenzene	20.0	15.7		ug/L		78	77 - 127
1,1,1-Trichloroethane	20.0	19.7		ug/L		99	83 - 124
1,1,2-Trichloroethane	20.0	19.3		ug/L		97	84 - 132
Trichloroethene	20.0	17.8		ug/L		89	74 - 118
Trichlorofluoromethane (Freon 11)	20.0	20.5		ug/L		102	82 - 126
1,2,3-Trichloropropane	20.0	16.7		ug/L		83	77 - 124
1,2,4-Trimethylbenzene	20.0	20.4		ug/L		102	89 - 126
1,3,5-Trimethylbenzene	20.0	20.1		ug/L		100	89 - 125
Vinyl chloride	20.0	17.0		ug/L		85	62 - 130
m,p-Xylene	40.0	43.2		ug/L		108	85 - 123
o-Xylene	20.0	19.9		ug/L		99	85 - 119
Tetrahydrofuran	20.0	14.2		ug/L		71	60 - 133
Ethyl ether	20.0	16.3		ug/L		81	69 - 122
Tert-amyl methyl ether	20.0	17.2		ug/L		86	50 - 140
Ethyl tert-butyl ether	20.0	17.1		ug/L		85	60 - 131
di-Isopropyl ether	20.0	16.8		ug/L		84	67 - 125
tert-Butanol	200	156		ug/L		78	50 - 169
1,4-Dioxane	200	119		ug/L		60	28 - 150
trans-1,4-Dichloro-2-butene	20.0	18.3		ug/L		92	48 - 153
Ethanol	400	371		ug/L		93	47 - 170

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 620-29208/5
Matrix: Water
Analysis Batch: 29208

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0	16.3	*-	ug/L		82	85 - 124	10	20
Acetone	20.0	12.5		ug/L		62	14 - 133	12	20
Acrylonitrile	20.0	16.1		ug/L		80	62 - 134	8	20
Benzene	20.0	17.4		ug/L		87	86 - 111	5	20
Bromobenzene	20.0	15.6	*-	ug/L		78	82 - 120	5	20
Bromochloromethane	20.0	16.8		ug/L		84	83 - 123	8	20
Bromodichloromethane	20.0	18.8		ug/L		94	83 - 137	8	20
Bromoform	20.0	17.2	*-	ug/L		86	91 - 137	8	20
Bromomethane	20.0	15.7		ug/L		79	29 - 148	11	20
2-Butanone (MEK)	20.0	13.6		ug/L		68	10 - 200	14	20
n-Butylbenzene	20.0	16.7	*-	ug/L		84	85 - 138	5	20
sec-Butylbenzene	20.0	18.8		ug/L		94	75 - 118	5	20
tert-Butylbenzene	20.0	18.1		ug/L		90	85 - 122	5	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 620-29208/5
Matrix: Water
Analysis Batch: 29208

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon disulfide	20.0	16.2		ug/L		81	69 - 150	8	20
Carbon tetrachloride	20.0	17.5		ug/L		88	84 - 123	8	20
Chlorobenzene	20.0	17.9	*-	ug/L		89	93 - 115	6	20
Chloroethane	20.0	16.5		ug/L		82	56 - 155	5	20
Chloroform	20.0	18.8		ug/L		94	84 - 116	8	20
Chloromethane	20.0	16.8		ug/L		84	45 - 138	8	20
2-Chlorotoluene	20.0	17.6		ug/L		88	88 - 116	4	20
4-Chlorotoluene	20.0	18.6		ug/L		93	81 - 128	5	20
1,2-Dibromo-3-Chloropropane	20.0	13.4	*-	ug/L		67	70 - 139	4	20
Dibromochloromethane	20.0	17.6		ug/L		88	83 - 132	7	20
1,2-Dibromoethane (EDB)	20.0	16.7		ug/L		84	82 - 125	7	20
Dibromomethane	20.0	17.6		ug/L		88	80 - 125	6	20
1,2-Dichlorobenzene	20.0	16.5	*-	ug/L		83	84 - 128	6	20
1,3-Dichlorobenzene	20.0	17.4		ug/L		87	85 - 120	6	20
1,4-Dichlorobenzene	20.0	16.2	*-	ug/L		81	86 - 116	5	20
Dichlorodifluoromethane (Freon 12)	20.0	10.2		ug/L		51	36 - 131	8	20
1,1-Dichloroethane	20.0	18.7		ug/L		94	81 - 120	7	20
1,2-Dichloroethane	20.0	17.4		ug/L		87	82 - 116	7	20
1,1-Dichloroethene	20.0	17.2		ug/L		86	83 - 120	5	20
cis-1,2-Dichloroethene	20.0	18.2		ug/L		91	81 - 124	2	20
trans-1,2-Dichloroethene	20.0	18.1		ug/L		90	81 - 127	0	20
1,2-Dichloropropane	20.0	18.5		ug/L		92	76 - 132	5	20
1,3-Dichloropropane	20.0	16.2		ug/L		81	74 - 122	6	20
2,2-Dichloropropane	20.0	17.4		ug/L		87	77 - 130	8	20
1,1-Dichloropropene	20.0	15.3	*-	ug/L		77	81 - 115	10	20
cis-1,3-Dichloropropene	20.0	16.5		ug/L		82	74 - 129	5	20
trans-1,3-Dichloropropene	20.0	18.2		ug/L		91	78 - 126	9	20
Ethylbenzene	20.0	17.6	*-	ug/L		88	89 - 117	6	20
Hexachlorobutadiene	20.0	16.2		ug/L		81	77 - 118	1	20
2-Hexanone (MBK)	20.0	11.4		ug/L		57	37 - 123	7	20
Isopropylbenzene	20.0	18.0		ug/L		90	83 - 117	5	20
4-Isopropyltoluene	20.0	15.2	*-	ug/L		76	83 - 124	4	20
Methyl tert-butyl ether	20.0	15.6		ug/L		78	70 - 126	5	20
4-Methyl-2-pentanone (MIBK)	20.0	13.0		ug/L		65	59 - 118	9	20
Methylene Chloride	20.0	16.8		ug/L		84	75 - 121	6	20
Naphthalene	20.0	10.0	*-	ug/L		50	67 - 123	3	20
N-Propylbenzene	20.0	18.8		ug/L		94	84 - 128	5	20
Styrene	20.0	16.8		ug/L		84	78 - 127	5	20
1,1,1,2-Tetrachloroethane	20.0	17.1	*-	ug/L		86	91 - 118	4	20
1,1,2,2-Tetrachloroethane	20.0	17.1		ug/L		85	77 - 129	6	20
Tetrachloroethene	20.0	16.3	*-	ug/L		82	85 - 116	7	20
Toluene	20.0	16.6	*-	ug/L		83	88 - 109	10	20
1,2,3-Trichlorobenzene	20.0	11.3	*-	ug/L		57	67 - 134	4	20
1,2,4-Trichlorobenzene	20.0	14.7	*-	ug/L		73	78 - 133	2	20
1,3,5-Trichlorobenzene	20.0	15.3		ug/L		77	77 - 127	2	20
1,1,1-Trichloroethane	20.0	18.1		ug/L		91	83 - 124	8	20
1,1,2-Trichloroethane	20.0	18.1		ug/L		91	84 - 132	6	20
Trichloroethene	20.0	16.7		ug/L		83	74 - 118	7	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 620-29208/5
Matrix: Water
Analysis Batch: 29208

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichlorofluoromethane (Freon 11)			20.0	19.1		ug/L		95	82 - 126	7	20
1,2,3-Trichloropropane			20.0	15.8		ug/L		79	77 - 124	5	20
1,2,4-Trimethylbenzene			20.0	19.4		ug/L		97	89 - 126	5	20
1,3,5-Trimethylbenzene			20.0	19.2		ug/L		96	89 - 125	4	20
Vinyl chloride			20.0	15.6		ug/L		78	62 - 130	9	20
m,p-Xylene			40.0	40.2		ug/L		101	85 - 123	7	20
o-Xylene			20.0	18.7		ug/L		94	85 - 119	6	20
Tetrahydrofuran			20.0	14.4		ug/L		72	60 - 133	2	20
Ethyl ether			20.0	15.1		ug/L		76	69 - 122	7	20
Tert-amyl methyl ether			20.0	16.3		ug/L		81	50 - 140	6	20
Ethyl tert-butyl ether			20.0	16.2		ug/L		81	60 - 131	5	20
di-Isopropyl ether			20.0	16.1		ug/L		80	67 - 125	4	20
tert-Butanol			200	146		ug/L		73	50 - 169	6	20
1,4-Dioxane			200	111		ug/L		56	28 - 150	7	20
trans-1,4-Dichloro-2-butene			20.0	15.9		ug/L		80	48 - 153	14	20
Ethanol			400	338		ug/L		84	47 - 170	9	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 620-29247/7
Matrix: Water
Analysis Batch: 29247

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane (Freon 113)	ND		1.0	0.20	ug/L			11/20/23 10:30	1
Acetone	ND		10	0.90	ug/L			11/20/23 10:30	1
Acrylonitrile	ND		0.50	0.36	ug/L			11/20/23 10:30	1
Benzene	ND		1.0	0.25	ug/L			11/20/23 10:30	1
Bromobenzene	ND		1.0	0.40	ug/L			11/20/23 10:30	1
Bromochloromethane	ND		1.0	0.39	ug/L			11/20/23 10:30	1
Bromodichloromethane	ND		0.50	0.33	ug/L			11/20/23 10:30	1
Bromoform	ND		1.0	0.45	ug/L			11/20/23 10:30	1
Bromomethane	ND		2.0	0.63	ug/L			11/20/23 10:30	1
2-Butanone (MEK)	ND		2.0	0.58	ug/L			11/20/23 10:30	1
n-Butylbenzene	ND		1.0	0.45	ug/L			11/20/23 10:30	1
sec-Butylbenzene	ND		1.0	0.40	ug/L			11/20/23 10:30	1
tert-Butylbenzene	ND		1.0	0.40	ug/L			11/20/23 10:30	1
Carbon disulfide	ND		2.0	0.44	ug/L			11/20/23 10:30	1
Carbon tetrachloride	ND		1.0	0.25	ug/L			11/20/23 10:30	1
Chlorobenzene	ND		1.0	0.42	ug/L			11/20/23 10:30	1
Chloroethane	ND		2.0	0.41	ug/L			11/20/23 10:30	1
Chloroform	ND		1.0	0.30	ug/L			11/20/23 10:30	1
Chloromethane	ND		2.0	0.49	ug/L			11/20/23 10:30	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 620-29247/7
Matrix: Water
Analysis Batch: 29247

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.0	0.43	ug/L			11/20/23 10:30	1
4-Chlorotoluene	ND		1.0	0.42	ug/L			11/20/23 10:30	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.51	ug/L			11/20/23 10:30	1
Dibromochloromethane	ND		0.50	0.33	ug/L			11/20/23 10:30	1
1,2-Dibromoethane (EDB)	ND		0.50	0.34	ug/L			11/20/23 10:30	1
Dibromomethane	ND		1.0	0.36	ug/L			11/20/23 10:30	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/20/23 10:30	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			11/20/23 10:30	1
1,4-Dichlorobenzene	ND		1.0	0.49	ug/L			11/20/23 10:30	1
Dichlorodifluoromethane (Freon 12)	ND		2.0	0.29	ug/L			11/20/23 10:30	1
1,1-Dichloroethane	ND		1.0	0.36	ug/L			11/20/23 10:30	1
1,2-Dichloroethane	ND		1.0	0.26	ug/L			11/20/23 10:30	1
1,1-Dichloroethene	ND		1.0	0.34	ug/L			11/20/23 10:30	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/20/23 10:30	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			11/20/23 10:30	1
1,2-Dichloropropane	ND		1.0	0.36	ug/L			11/20/23 10:30	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			11/20/23 10:30	1
2,2-Dichloropropane	ND		1.0	0.49	ug/L			11/20/23 10:30	1
1,1-Dichloropropene	ND		1.0	0.29	ug/L			11/20/23 10:30	1
cis-1,3-Dichloropropene	ND		0.50	0.30	ug/L			11/20/23 10:30	1
trans-1,3-Dichloropropene	ND		0.50	0.37	ug/L			11/20/23 10:30	1
Ethylbenzene	ND		1.0	0.36	ug/L			11/20/23 10:30	1
Hexachlorobutadiene	ND		1.0	0.24	ug/L			11/20/23 10:30	1
2-Hexanone (MBK)	ND		2.0	0.69	ug/L			11/20/23 10:30	1
Isopropylbenzene	ND		1.0	0.38	ug/L			11/20/23 10:30	1
4-Isopropyltoluene	ND		1.0	0.43	ug/L			11/20/23 10:30	1
Methyl tert-butyl ether	ND		1.0	0.26	ug/L			11/20/23 10:30	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.35	ug/L			11/20/23 10:30	1
Methylene Chloride	ND		2.0	0.54	ug/L			11/20/23 10:30	1
Naphthalene	ND		2.0	0.70	ug/L			11/20/23 10:30	1
N-Propylbenzene	ND		1.0	0.36	ug/L			11/20/23 10:30	1
Styrene	ND		1.0	0.42	ug/L			11/20/23 10:30	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.37	ug/L			11/20/23 10:30	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.46	ug/L			11/20/23 10:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/20/23 10:30	1
Toluene	ND		1.0	0.28	ug/L			11/20/23 10:30	1
1,2,3-Trichlorobenzene	ND		1.0	0.74	ug/L			11/20/23 10:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.70	ug/L			11/20/23 10:30	1
1,3,5-Trichlorobenzene	ND		1.0	0.54	ug/L			11/20/23 10:30	1
1,1,1-Trichloroethane	ND		1.0	0.33	ug/L			11/20/23 10:30	1
1,1,2-Trichloroethane	ND		1.0	0.35	ug/L			11/20/23 10:30	1
Trichloroethene	ND		1.0	0.36	ug/L			11/20/23 10:30	1
Trichlorofluoromethane (Freon 11)	ND		1.0	0.23	ug/L			11/20/23 10:30	1
1,2,3-Trichloropropane	ND		1.0	0.51	ug/L			11/20/23 10:30	1
1,2,4-Trimethylbenzene	ND		1.0	0.46	ug/L			11/20/23 10:30	1
1,3,5-Trimethylbenzene	ND		1.0	0.45	ug/L			11/20/23 10:30	1
Vinyl chloride	ND		1.0	0.26	ug/L			11/20/23 10:30	1
m,p-Xylene	ND		1.0	0.78	ug/L			11/20/23 10:30	1
o-Xylene	ND		1.0	0.43	ug/L			11/20/23 10:30	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 620-29247/7
Matrix: Water
Analysis Batch: 29247

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	ND		2.0	0.70	ug/L			11/20/23 10:30	1
Ethyl ether	ND		1.0	0.42	ug/L			11/20/23 10:30	1
Tert-amyl methyl ether	ND		1.0	0.26	ug/L			11/20/23 10:30	1
Ethyl tert-butyl ether	ND		1.0	0.29	ug/L			11/20/23 10:30	1
di-Isopropyl ether	ND		1.0	0.26	ug/L			11/20/23 10:30	1
tert-Butanol	ND		10	8.5	ug/L			11/20/23 10:30	1
1,4-Dioxane	ND		50	7.4	ug/L			11/20/23 10:30	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.81	ug/L			11/20/23 10:30	1
Ethanol	ND		200	9.1	ug/L			11/20/23 10:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*11/20/23 10:30*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/20/23 10:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*11/20/23 10:30*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*11/20/23 10:30*	*1*

Lab Sample ID: LCS 620-29247/4
Matrix: Water
Analysis Batch: 29247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0	20.0		ug/L		100	85 - 124
Acetone	20.0	22.7		ug/L		113	14 - 133
Acrylonitrile	20.0	20.9		ug/L		105	62 - 134
Benzene	20.0	20.5		ug/L		102	86 - 111
Bromobenzene	20.0	18.3		ug/L		92	82 - 120
Bromochloromethane	20.0	20.1		ug/L		101	83 - 123
Bromodichloromethane	20.0	22.8		ug/L		114	83 - 137
Bromoform	20.0	20.9		ug/L		104	91 - 137
Bromomethane	20.0	16.7		ug/L		83	29 - 148
2-Butanone (MEK)	20.0	18.7		ug/L		94	10 - 200
n-Butylbenzene	20.0	20.3		ug/L		102	85 - 138
sec-Butylbenzene	20.0	22.5		ug/L		113	75 - 118
tert-Butylbenzene	20.0	22.1		ug/L		111	85 - 122
Carbon disulfide	20.0	20.2		ug/L		101	69 - 150
Carbon tetrachloride	20.0	21.6		ug/L		108	84 - 123
Chlorobenzene	20.0	21.3		ug/L		106	93 - 115
Chloroethane	20.0	20.4		ug/L		102	56 - 155
Chloroform	20.0	22.6		ug/L		113	84 - 116
Chloromethane	20.0	20.8		ug/L		104	45 - 138
2-Chlorotoluene	20.0	21.0		ug/L		105	88 - 116
4-Chlorotoluene	20.0	22.1		ug/L		110	81 - 128
1,2-Dibromo-3-Chloropropane	20.0	16.8		ug/L		84	70 - 139
Dibromochloromethane	20.0	21.5		ug/L		107	83 - 132
1,2-Dibromoethane (EDB)	20.0	19.7		ug/L		99	82 - 125
Dibromomethane	20.0	20.6		ug/L		103	80 - 125
1,2-Dichlorobenzene	20.0	20.1		ug/L		101	84 - 128
1,3-Dichlorobenzene	20.0	21.1		ug/L		105	85 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 620-29247/4
Matrix: Water
Analysis Batch: 29247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	20.0	19.0		ug/L		95	86 - 116
Dichlorodifluoromethane (Freon 12)	20.0	13.7		ug/L		68	36 - 131
1,1-Dichloroethane	20.0	22.2		ug/L		111	81 - 120
1,2-Dichloroethane	20.0	20.7		ug/L		103	82 - 116
1,1-Dichloroethene	20.0	20.4		ug/L		102	83 - 120
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	81 - 124
trans-1,2-Dichloroethene	20.0	21.0		ug/L		105	81 - 127
1,2-Dichloropropane	20.0	21.6		ug/L		108	76 - 132
1,3-Dichloropropane	20.0	19.5		ug/L		97	74 - 122
2,2-Dichloropropane	20.0	21.1		ug/L		106	77 - 130
1,1-Dichloropropene	20.0	18.5		ug/L		93	81 - 115
cis-1,3-Dichloropropene	20.0	19.6		ug/L		98	74 - 129
trans-1,3-Dichloropropene	20.0	22.1		ug/L		110	78 - 126
Ethylbenzene	20.0	21.0		ug/L		105	89 - 117
Hexachlorobutadiene	20.0	19.0		ug/L		95	77 - 118
2-Hexanone (MBK)	20.0	16.2		ug/L		81	37 - 123
Isopropylbenzene	20.0	21.8		ug/L		109	83 - 117
4-Isopropyltoluene	20.0	17.9		ug/L		90	83 - 124
Methyl tert-butyl ether	20.0	18.3		ug/L		91	70 - 126
4-Methyl-2-pentanone (MIBK)	20.0	16.7		ug/L		83	59 - 118
Methylene Chloride	20.0	19.9		ug/L		100	75 - 121
Naphthalene	20.0	11.9	*-	ug/L		60	67 - 123
N-Propylbenzene	20.0	22.5		ug/L		112	84 - 128
Styrene	20.0	20.0		ug/L		100	78 - 127
1,1,1,2-Tetrachloroethane	20.0	20.2		ug/L		101	91 - 118
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		104	77 - 129
Tetrachloroethene	20.0	19.7		ug/L		98	85 - 116
Toluene	20.0	20.3		ug/L		102	88 - 109
1,2,3-Trichlorobenzene	20.0	13.3		ug/L		67	67 - 134
1,2,4-Trichlorobenzene	20.0	17.9		ug/L		89	78 - 133
1,3,5-Trichlorobenzene	20.0	18.9		ug/L		95	77 - 127
1,1,1-Trichloroethane	20.0	22.0		ug/L		110	83 - 124
1,1,2-Trichloroethane	20.0	21.9		ug/L		110	84 - 132
Trichloroethene	20.0	19.9		ug/L		99	74 - 118
Trichlorofluoromethane (Freon 11)	20.0	23.5		ug/L		117	82 - 126
1,2,3-Trichloropropane	20.0	18.7		ug/L		93	77 - 124
1,2,4-Trimethylbenzene	20.0	23.5		ug/L		117	89 - 126
1,3,5-Trimethylbenzene	20.0	23.2		ug/L		116	89 - 125
Vinyl chloride	20.0	19.0		ug/L		95	62 - 130
m,p-Xylene	40.0	47.9		ug/L		120	85 - 123
o-Xylene	20.0	22.3		ug/L		111	85 - 119
Tetrahydrofuran	20.0	16.9		ug/L		84	60 - 133
Ethyl ether	20.0	18.4		ug/L		92	69 - 122
Tert-amyl methyl ether	20.0	18.9		ug/L		95	50 - 140
Ethyl tert-butyl ether	20.0	18.6		ug/L		93	60 - 131
di-Isopropyl ether	20.0	19.1		ug/L		95	67 - 125
tert-Butanol	200	184		ug/L		92	50 - 169

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 620-29247/4
Matrix: Water
Analysis Batch: 29247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			200	166		ug/L		83	28 - 150		
trans-1,4-Dichloro-2-butene			20.0	18.9		ug/L		95	48 - 153		
Ethanol			400	416		ug/L		104	47 - 170		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*
Dibromofluoromethane (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 620-29247/5
Matrix: Water
Analysis Batch: 29247

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichlorotrifluoroethane (Freon 113)			20.0	21.0		ug/L		105	85 - 124	5	20
Acetone			20.0	20.9		ug/L		105	14 - 133	8	20
Acrylonitrile			20.0	21.9		ug/L		109	62 - 134	5	20
Benzene			20.0	21.1		ug/L		106	86 - 111	3	20
Bromobenzene			20.0	19.1		ug/L		96	82 - 120	4	20
Bromochloromethane			20.0	21.0		ug/L		105	83 - 123	4	20
Bromodichloromethane			20.0	23.4		ug/L		117	83 - 137	3	20
Bromoform			20.0	22.0		ug/L		110	91 - 137	5	20
Bromomethane			20.0	17.3		ug/L		86	29 - 148	3	20
2-Butanone (MEK)			20.0	18.8		ug/L		94	10 - 200	0	20
n-Butylbenzene			20.0	21.0		ug/L		105	85 - 138	3	20
sec-Butylbenzene			20.0	23.6		ug/L		118	75 - 118	4	20
tert-Butylbenzene			20.0	22.3		ug/L		112	85 - 122	1	20
Carbon disulfide			20.0	20.5		ug/L		102	69 - 150	1	20
Carbon tetrachloride			20.0	22.2		ug/L		111	84 - 123	3	20
Chlorobenzene			20.0	21.7		ug/L		108	93 - 115	2	20
Chloroethane			20.0	20.0		ug/L		100	56 - 155	2	20
Chloroform			20.0	23.3		ug/L		116	84 - 116	3	20
Chloromethane			20.0	21.6		ug/L		108	45 - 138	4	20
2-Chlorotoluene			20.0	21.8		ug/L		109	88 - 116	4	20
4-Chlorotoluene			20.0	22.6		ug/L		113	81 - 128	2	20
1,2-Dibromo-3-Chloropropane			20.0	18.6		ug/L		93	70 - 139	10	20
Dibromochloromethane			20.0	22.3		ug/L		112	83 - 132	4	20
1,2-Dibromoethane (EDB)			20.0	20.9		ug/L		105	82 - 125	6	20
Dibromomethane			20.0	21.6		ug/L		108	80 - 125	5	20
1,2-Dichlorobenzene			20.0	20.8		ug/L		104	84 - 128	3	20
1,3-Dichlorobenzene			20.0	21.3		ug/L		106	85 - 120	1	20
1,4-Dichlorobenzene			20.0	20.1		ug/L		100	86 - 116	5	20
Dichlorodifluoromethane (Freon 12)			20.0	14.1		ug/L		70	36 - 131	3	20
1,1-Dichloroethane			20.0	22.8		ug/L		114	81 - 120	3	20
1,2-Dichloroethane			20.0	20.9		ug/L		105	82 - 116	1	20
1,1-Dichloroethene			20.0	21.4		ug/L		107	83 - 120	5	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 620-29247/5
Matrix: Water
Analysis Batch: 29247

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	20.0	22.0		ug/L		110	81 - 124	4	20
trans-1,2-Dichloroethene	20.0	22.0		ug/L		110	81 - 127	5	20
1,2-Dichloropropane	20.0	22.5		ug/L		112	76 - 132	4	20
1,3-Dichloropropane	20.0	20.3		ug/L		102	74 - 122	5	20
2,2-Dichloropropane	20.0	22.1		ug/L		110	77 - 130	4	20
1,1-Dichloropropene	20.0	19.7		ug/L		99	81 - 115	6	20
cis-1,3-Dichloropropene	20.0	20.6		ug/L		103	74 - 129	5	20
trans-1,3-Dichloropropene	20.0	23.2		ug/L		116	78 - 126	5	20
Ethylbenzene	20.0	21.8		ug/L		109	89 - 117	4	20
Hexachlorobutadiene	20.0	20.1		ug/L		100	77 - 118	5	20
2-Hexanone (MBK)	20.0	15.7		ug/L		78	37 - 123	3	20
Isopropylbenzene	20.0	22.6		ug/L		113	83 - 117	4	20
4-Isopropyltoluene	20.0	19.1		ug/L		96	83 - 124	6	20
Methyl tert-butyl ether	20.0	19.5		ug/L		98	70 - 126	7	20
4-Methyl-2-pentanone (MIBK)	20.0	17.8		ug/L		89	59 - 118	7	20
Methylene Chloride	20.0	20.1		ug/L		101	75 - 121	1	20
Naphthalene	20.0	13.2	*-	ug/L		66	67 - 123	10	20
N-Propylbenzene	20.0	23.4		ug/L		117	84 - 128	4	20
Styrene	20.0	20.7		ug/L		104	78 - 127	3	20
1,1,1,2-Tetrachloroethane	20.0	20.7		ug/L		104	91 - 118	2	20
1,1,2,2-Tetrachloroethane	20.0	21.8		ug/L		109	77 - 129	5	20
Tetrachloroethene	20.0	20.2		ug/L		101	85 - 116	3	20
Toluene	20.0	20.9		ug/L		105	88 - 109	3	20
1,2,3-Trichlorobenzene	20.0	14.9		ug/L		75	67 - 134	12	20
1,2,4-Trichlorobenzene	20.0	19.5		ug/L		97	78 - 133	9	20
1,3,5-Trichlorobenzene	20.0	19.7		ug/L		99	77 - 127	4	20
1,1,1-Trichloroethane	20.0	22.4		ug/L		112	83 - 124	2	20
1,1,2-Trichloroethane	20.0	22.5		ug/L		112	84 - 132	2	20
Trichloroethene	20.0	20.3		ug/L		101	74 - 118	2	20
Trichlorofluoromethane (Freon 11)	20.0	23.8		ug/L		119	82 - 126	2	20
1,2,3-Trichloropropane	20.0	19.7		ug/L		99	77 - 124	5	20
1,2,4-Trimethylbenzene	20.0	24.3		ug/L		121	89 - 126	3	20
1,3,5-Trimethylbenzene	20.0	23.8		ug/L		119	89 - 125	3	20
Vinyl chloride	20.0	19.7		ug/L		99	62 - 130	4	20
m,p-Xylene	40.0	49.8	*+	ug/L		124	85 - 123	4	20
o-Xylene	20.0	23.5		ug/L		118	85 - 119	5	20
Tetrahydrofuran	20.0	18.0		ug/L		90	60 - 133	7	20
Ethyl ether	20.0	19.2		ug/L		96	69 - 122	4	20
Tert-amyl methyl ether	20.0	20.2		ug/L		101	50 - 140	7	20
Ethyl tert-butyl ether	20.0	19.9		ug/L		99	60 - 131	7	20
di-Isopropyl ether	20.0	19.6		ug/L		98	67 - 125	3	20
tert-Butanol	200	206		ug/L		103	50 - 169	11	20
1,4-Dioxane	200	184		ug/L		92	28 - 150	11	20
trans-1,4-Dichloro-2-butene	20.0	20.8		ug/L		104	48 - 153	9	20
Ethanol	400	373		ug/L		93	47 - 170	11	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 620-29247/5
Matrix: Water
Analysis Batch: 29247

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
Toluene-d8 (Surr)	102		70 - 130
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130

QC Association Summary

Client: ARCADIS U.S. Inc
Job ID: 620-15196-1
Project/Site: Henry Johnson Boulevard Properties (HJBC)

GC/MS VOA

Analysis Batch: 29208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-15196-1	MW-11R	Total/NA	Water	8260C	
620-15196-2	MW-4R	Total/NA	Water	8260C	
620-15196-3	MW-10R	Total/NA	Water	8260C	
620-15196-4	MW-22R	Total/NA	Water	8260C	
620-15196-5	MW-14	Total/NA	Water	8260C	
620-15196-6	DUP-1	Total/NA	Water	8260C	
620-15196-7	Trip Blank	Total/NA	Water	8260C	
MB 620-29208/7	Method Blank	Total/NA	Water	8260C	
LCS 620-29208/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 620-29208/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 29247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
620-15196-4 - DL	MW-22R	Total/NA	Water	8260C	
MB 620-29247/7	Method Blank	Total/NA	Water	8260C	
LCS 620-29247/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 620-29247/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Lab Chronicle

Client: ARCADIS U.S. Inc
Job ID: 620-15196-1
Project/Site: Henry Johnson Boulevard Properties (HJBC)

Client Sample ID: MW-11R
Lab Sample ID: 620-15196-1
Date Collected: 11/08/23 10:00
Matrix: Water
Date Received: 11/09/23 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	29208	CLR	EET NE	11/18/23 00:45

Client Sample ID: MW-4R
Lab Sample ID: 620-15196-2
Date Collected: 11/08/23 11:25
Matrix: Water
Date Received: 11/09/23 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	29208	CLR	EET NE	11/18/23 01:11

Client Sample ID: MW-10R
Lab Sample ID: 620-15196-3
Date Collected: 11/08/23 13:25
Matrix: Water
Date Received: 11/09/23 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	29208	CLR	EET NE	11/18/23 01:37

Client Sample ID: MW-22R
Lab Sample ID: 620-15196-4
Date Collected: 11/08/23 14:10
Matrix: Water
Date Received: 11/09/23 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	29208	CLR	EET NE	11/18/23 02:03
Total/NA	Analysis	8260C	DL	10	29247	CLR	EET NE	11/20/23 11:55

Client Sample ID: MW-14
Lab Sample ID: 620-15196-5
Date Collected: 11/08/23 14:55
Matrix: Water
Date Received: 11/09/23 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	29208	CLR	EET NE	11/18/23 02:29

Client Sample ID: DUP-1
Lab Sample ID: 620-15196-6
Date Collected: 11/08/23 00:00
Matrix: Water
Date Received: 11/09/23 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	29208	CLR	EET NE	11/18/23 02:54

Client Sample ID: Trip Blank
Lab Sample ID: 620-15196-7
Date Collected: 11/08/23 00:00
Matrix: Water
Date Received: 11/09/23 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	29208	CLR	EET NE	11/17/23 21:18

Lab Chronicle

Client: ARCADIS U.S. Inc
Job ID: 620-15196-1
Project/Site: Henry Johnson Boulevard Properties (HJBC)

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Accreditation/Certification Summary

Client: ARCADIS U.S. Inc
Job ID: 620-15196-1
Project/Site: Henry Johnson Boulevard Properties (HJBC)

Laboratory: Eurofins New England

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11393	04-02-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	1,1,2-Trichlorotrifluoroethane (Freon 113)
8260C		Water	1,3,5-Trichlorobenzene
8260C		Water	4-Isopropyltoluene
8260C		Water	Acrylonitrile
8260C		Water	Isopropylbenzene

Method Summary

Client: ARCADIS U.S. Inc
Job ID: 620-15196-1
Project/Site: Henry Johnson Boulevard Properties (HJBC)

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET NE
5030C	Purge and Trap	SW846	EET NE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET NE = Eurofins New England, 646 Camp Ave, North Kingstown, RI 02852, TEL (413)789-9018

Sample Summary

Client: ARCADIS U.S. Inc
Job ID: 620-15196-1
Project/Site: Henry Johnson Boulevard Properties (HJBC)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
620-15196-1	MW-11R	Water	11/08/23 10:00	11/09/23 11:01
620-15196-2	MW-4R	Water	11/08/23 11:25	11/09/23 11:01
620-15196-3	MW-10R	Water	11/08/23 13:25	11/09/23 11:01
620-15196-4	MW-22R	Water	11/08/23 14:10	11/09/23 11:01
620-15196-5	MW-14	Water	11/08/23 14:55	11/09/23 11:01
620-15196-6	DUP-1	Water	11/08/23 00:00	11/09/23 11:01
620-15196-7	Trip Blank	Water	11/08/23 00:00	11/09/23 11:01

620-15196 Chain of Custody

15196

CHAIN OF CUSTODY RECORD

...ment Testing
...ngland

Page 1 of 1

Special Handling:

- [x] Standard TAT - 7 to 10 business days
- [ ] Rush TAT - Date Needed. _____

All TATs subject to laboratory approval
Min 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: Stefan. Bagnato
Stefan.bagnato@arcadis.com
Arcadis
Telephone #: 518 944 4512
Project Mgr: Stefan Bagnato

Invoice To: _____
PO No: _____ Quote #: _____

Project No: 30002639
Site Name: Henry Johnson Blvd
Location: Albany NY State: NY
Sampler(s): J. Duquette

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=_____ 12=_____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=_____ X2=_____ X3=_____

G= Grab C=Composite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	List Preservative Code below: 2	Analysis: VOC 8270	Check if chlorinated	QA/QC Reporting Notes: * additional charges may appply
-1	MW-11R	11/8/23	1000	GW		3				X	X	☐	
-2	MW-4R	11/8/23	1125	GW		3				X	X	☐	
-3	MW-10R	11/8/23	1325	GW		3				X	X	☐	
-4	MW-22R	11/8/23	1410	GW		3				X	X	☐	
-5	MW-14	11/8/23	1455	GW		3				X	X	☐	
-6	Dup-1	11/8/23	—	GW		3				X	X	☐	

KD
11-08-2023

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☐ Yes ☐ No
☐ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: _____
State-specific reporting standards

Relinquished by:	Received by:	Date:	Time:
Josh Duquette	Kevin Dul Eurofins	11/8/23	15:15
Kevin Dul Eurofins		11/9/23	1:01

Temp °C: Observed 2.6; Correction Factor +0.2; Corrected 2.8; IR ID # 6

☐ EDD format
☐ E-mail to

Condition upon receipt: Custody Seals: ☐ Present ☒ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Sample Shipping Address: 126 Myron Street • West Springfield, MA 01089 • 413-789-9018
Lab Address: 646 Camp Ave • North Kingstown, RI 02852
www.EurofinsUS.com/Spectrum

Rev. Jan 2020

11/27/2023

ORIGIN ID:DSVA (518) 438-8140
TIM KNOLLMEYER
TESTAMERICA LAB INC
25 KRAFT AVE

ALBANY, NY 12205
UNITED STATES US

SHIP DATE: 08NOV23
ACTWGT: 10.25 LB
CAD: 0772336/CAFE3755
DIMS: 12x11x9 IN

BILL RECIPIENT

TO SAMPLE RECEIPT
EUROFINS ENV NEW ENGLAND
646 CAMP AVE

NORTH KINGSTOWN RI 02852
(413) 789-9016
REF: ARCADIS-HENRY JOHNSON BLVD

FedEx Express

J23902305120 1uv

TRK# 0201 7151 1713 9779

THU - 09 NOV 10:30A
PRIORITY OVERNIGHT

ED NCOA

02852
RI-US PVD

Part # 156148-434 MTW EXP 03/24

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 620-15196-1

Login Number: 15196
List Number: 1
Creator: Makhoul, Elie

List Source: Eurofins New England

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	