



January 31, 2019

Ms. Karen Cahill  
Project Manager  
New York State Department of Environmental Conservation  
615 Erie Boulevard  
West Syracuse, New York 13204-2450

**Re: Destiny USA Real Estate, LLC  
City of Syracuse, Onondaga County  
Groundwater Monitoring Report: December 2019- BCP Site No. C734135**

Dear Ms. Cahill:

On behalf of Destiny USA Real Estate, LLC., and in accordance with the New York State Brownfield Cleanup Program Site No. C734135, JMT of New York, Inc. is pleased to submit this groundwater monitoring report. This report presents post-remediation groundwater monitoring results and demonstrates the effectiveness of in-situ chemical injection.

## **Actions Completed- December 2019**

On December 20, 2019, five (5) monitoring wells were sampled using low-flow sampling techniques (see Figure 1 for monitoring well locations). Groundwater was purged from each well using a peristaltic pump until water quality parameter stabilization. Once stabilized (ensuring fresh water flow), samples were collected. Samples were delivered to Alpha Analytical service center for transport to the laboratory and analyzed for VOCs. Table 1 shows all detected constituents and those that exceeded T.O.G.S 1.1.1 Ambient Water Quality Standards. Any constituent not shown in Table 1 is non-detect in all monitoring wells. See Appendix A for the full laboratory analytical report. The attached graphs show the trends of Total VOCs for each monitoring well over time.

## **Observations**

Following the remedial injections in May 2017, there has been an overall observable decreasing trend in contaminants of concern (COC) onsite.

The monitoring results typically continue to show declines in VOC levels compared to the pre-injection concentrations. In the December sampling, total VOCs are well below the baseline concentrations with the exception of SP-MW-41. In comparison to the baseline totals, VOCs have decreased by 73% in MW-43, 99% in MW-45, 99% in MW-46, and 83% in MW-47. Well MW-41 had by far the lowest initial VOC concentrations and there have been slight inconsistent fluctuations in concentrations since injections. The December 2019 sampling results are less than results obtained in September 2018 but higher than the December 2018 data. See the attached graphs showing the trend at each location. These trends indicate that improvements in groundwater quality are continuing to occur, and that concentrations can be expected to continue to decline over time.



If you have any questions do not hesitate to contact me at (518) 218-5638 or [padel@jmt.com](mailto:padel@jmt.com).

Sincerely,

JMT of New York, Inc.

Paul M. Adel, P.E.  
Project Manager

Attachments

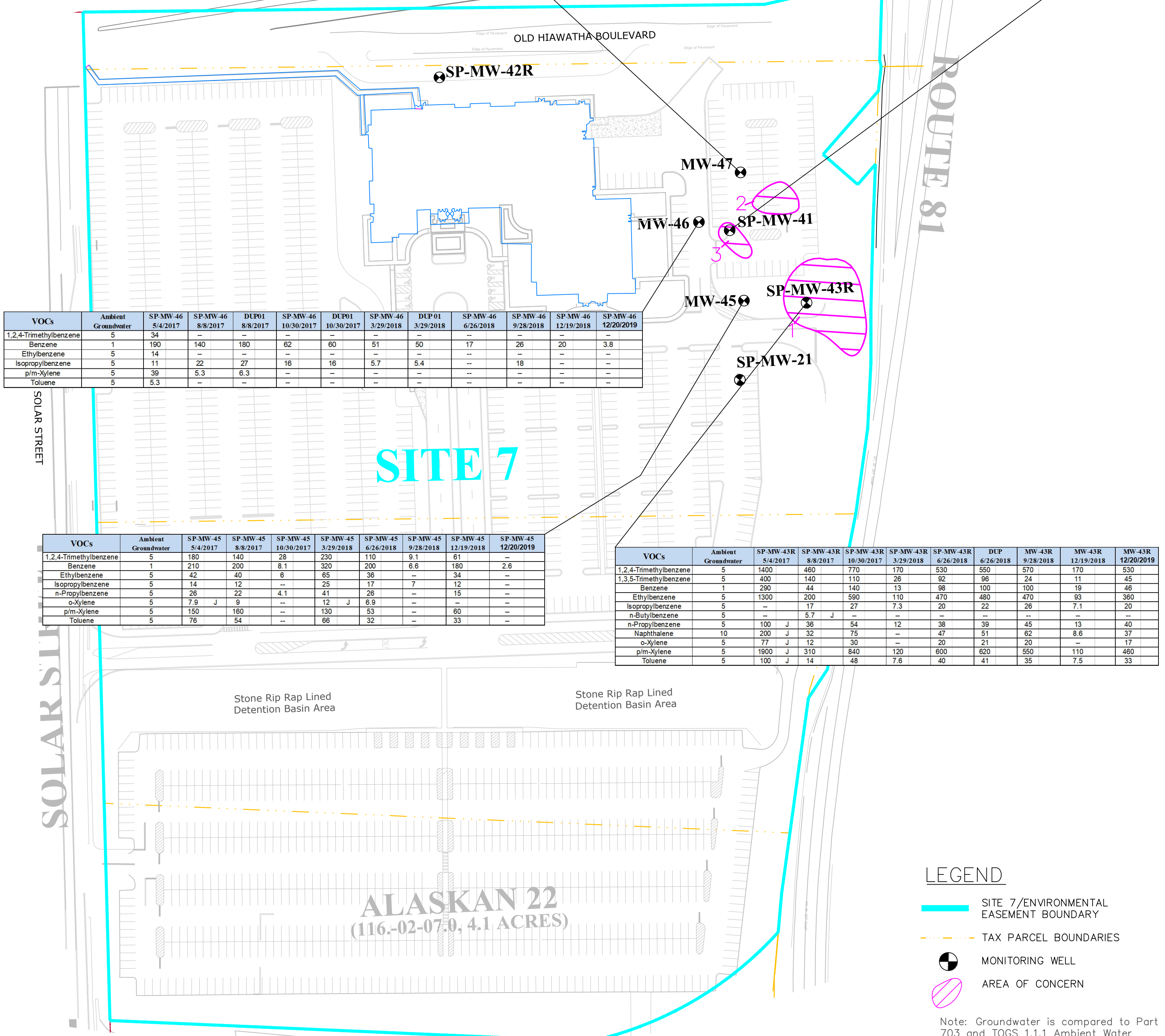
cc w/ att: R. Schoeneck, Destiny



# Figure

VOCs	Ambient Groundwater	SP-MW-47 5/4/2017	SP-MW-47 8/8/2017	SP-MW-47 10/30/2017	SP-MW-47 3/29/2018	SP-MW-47 6/26/2018	SP-MW-47 9/28/2018	SP-MW-47 12/19/2018	SP-MW-47 12/20/2019
1,2,4-Trimethylbenzene	5	120	68	--	42	12	--	15	--
Benzene	1	130	76	70	100	75	60	100	33
Ethylbenzene	5	21	14	5.5	15	J 8.4	--	11	--
Isopropylbenzene	5	19	12	12	15	J 8.1	27	13	19
n-Propylbenzene	5	26	16	12	18	J 8.3	--	8.2	--
p/m-Xylene	5	26	17	--	13	J 5.6	--	8.6	--
Toluene	5	14	7.6	--	7.1	J --	--	5.3	--

VOCs	Ambient Groundwater	SP-MW-41 5/4/2017	SP-MW-41 8/8/2017	SP-MW-41 10/30/2017	SP-MW-41 3/29/2018	SP-MW-41 6/26/2018	SP-MW-41 9/28/2018	DUP 9/28/2018	SP-MW-41 12/19/2018	SP-MW-41 12/20/2019
Benzene	1	15	16	--	5.3	10	35	39	12	22
Isopropylbenzene	5	--	--	--	--	--	31	32	12	36



VOCs	Ambient Groundwater	SP-MW-46 5/4/2017	SP-MW-46 8/8/2017	DUP01 8/8/2017	SP-MW-46 10/30/2017	DUP01 10/30/2017	SP-MW-46 3/29/2018	DUP01 3/29/2018	SP-MW-46 6/26/2018	SP-MW-46 9/28/2018	SP-MW-46 12/19/2018	SP-MW-46 12/20/2019
1,2,4-Trimethylbenzene	5	34	--	--	--	--	--	--	--	--	--	--
Benzene	1	190	140	180	62	60	51	50	17	26	20	3.8
Ethylbenzene	5	14	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	5	11	22	27	16	16	5.7	5.4	--	18	--	--
p/m-Xylene	5	39	5.3	6.3	--	--	--	--	--	--	--	--
Toluene	5	5.3	--	--	--	--	--	--	--	--	--	--

VOCs	Ambient Groundwater	SP-MW-43R 5/4/2017	SP-MW-43R 8/8/2017	SP-MW-43R 10/30/2017	SP-MW-43R 3/29/2018	SP-MW-43R 6/26/2018	DUP 6/26/2018	MW-43R 9/28/2018	MW-43R 12/19/2018	MW-43R 12/20/2019
1,2,4-Trimethylbenzene	5	1400	460	770	170	530	550	570	170	530
1,3,5-Trimethylbenzene	5	400	140	110	26	92	96	24	11	45
Benzene	1	290	44	140	13	98	100	100	19	46
Ethylbenzene	5	1300	200	590	110	470	480	470	93	360
Isopropylbenzene	5	--	17	27	7.3	20	22	26	7.1	20
n-Butylbenzene	5	--	5.7	J --	--	--	--	--	--	--
n-Propylbenzene	5	100	J 36	54	12	38	39	45	13	40
Naphthalene	10	200	J 32	75	--	47	51	62	8.6	37
o-Xylene	5	77	J 12	30	--	20	21	20	--	17
p/m-Xylene	5	1900	J 310	840	120	600	620	550	110	460
Toluene	5	100	J 14	48	7.6	40	41	35	7.5	33

VOCs	Ambient Groundwater	SP-MW-45 5/4/2017	SP-MW-45 8/8/2017	SP-MW-45 10/30/2017	SP-MW-45 3/29/2018	SP-MW-45 6/26/2018	SP-MW-45 9/28/2018	SP-MW-45 12/19/2018	SP-MW-45 12/20/2019
1,2,4-Trimethylbenzene	5	180	140	28	230	110	9.1	61	--
Benzene	1	210	200	8.1	320	200	6.6	180	2.6
Ethylbenzene	5	42	40	6	65	36	--	34	--
Isopropylbenzene	5	14	12	--	25	17	7	12	--
n-Propylbenzene	5	26	22	4.1	41	26	--	15	--
o-Xylene	5	7.9	J 9	--	12	J 6.9	--	--	--
p/m-Xylene	5	150	160	--	130	53	--	60	--
Toluene	5	76	54	--	66	32	--	33	--

**LEGEND**

- SITE 7/ENVIRONMENTAL EASEMENT BOUNDARY
- - - TAX PARCEL BOUNDARIES
- ⊗ MONITORING WELL
- ⊗ AREA OF CONCERN

Note: Groundwater is compared to Part 703 and TOGS 1.1.1 Ambient Water Quality Standards

NO.	DATE	RECORD OF WORK	DRN	CKD
1	12/5/2017	Addition of 10/30/17 Analytical Results	KAO	YW
2	4/24/2018	Addition of 3/29/18 Analytical Results	KAO	YW
3	7/20/2018	Addition of 6/26/18 Analytical Results	KAO	JK
4	10/17/18	Addition of 9/28/18 Analytical Results	JK	
5	1/9/19	Addition of 12/19/18 Analytical Results	JK	
6	1/31/19	Updating 12/19/18 Analytical Results	JK	
7	1/31/20	Updating 12/20/19 Analytical Results	KO	

**PROJECT**

PROJ. MGR: PA  
 PROJ. NO.: 18-00996  
 PREPARED BY: KAO  
 DRAFTED BY: KAO  
 CHECKED BY: KAO  
 APPROVED BY: JCK  
 DATUM:  
 CONTOUR INTERVAL = FEET

**SITE 7**  
*Exceedances of Groundwater Standards After Remedy*  
 DESTINY USA

CITY OF SYRACUSE ONONDAGA CO., NY

19 British American Blvd., Latham, New York 12110  
 P: (518) 782-0882 F: (518) 782-0973 www.jmt.com

DATE: 10/17/18 | SCALE: 1"=80' | DWG. NO. 15209K | FIGURE: 1



# Table

**Table 1  
Groundwater  
Sampling Results**

Analytes	T.O.G.S 1.1.1 Ambient Water Quality	SP-MW-41									
		5/4/2017	8/8/2017	10/30/2017	3/29/2018	6/26/2018	9/28/2018	DUP 9/28/2018	12/19/2018	12/20/2019	
<b>VOCs</b>											
1,2,4-Trimethylbenzene	5	<5 U	<2.5 U	0.96 J	<2.5 U	1.5 J	3.3 J	3.3	<2.5 U	<2.5 U	
1,2-Dichloroethane	0.6	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	1.3	<0.5 U	<2.5 U	
1,2-Dichloropropane	1	<2 U	<1 U	<1 U	<1 U	<1 U	<2.5 U	<1 U	<1 U	<1 U	
1,3,5-Trimethylbenzene	5	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	<2.5 U	
Benzene	1	15	16	4	5.3	10	35	39	12	22	
Carbon disulfide	60	<10 U	28	2.3 J	<5 U	<5 U	<12 U	<5 U	<5 U	5 U	
cis-1,2-Dichloroethene	5	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	<2.5 U	
Ethylbenzene	5	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	0.99 J	<2.5 U	<2.5 U	
Isopropylbenzene	5	4 J	1.6 J	1.2 J	1.8 J	4.3	31	32	12	36	
Methyl tert butyl ether	10	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	<2.5 U	
n-Butylbenzene	5	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	<2.5 U	
n-Propylbenzene	5	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	3 J	3.2	<2.5 U	10	
Naphthalene	10	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	2.3 J	<2.5 U	<2.5 U	<2.5 U	
o-Xylene	5	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	<2.5 U	
p-Isopropyltoluene	5	<5 U	<2.5 U	<2.6 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	<2.5 U	
p/m-Xylene	5	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	<2.5 U	
sec-Butylbenzene	5	1.6 J	0.81 J	<2.6 U	0.93 J	1.1 J	4.6 J	4.1	3.5	3.4	
tert-Butylbenzene	5	<5 U	<2.5 U	<2.7 U	<2.5 U	0.71 J	3 J	2.5	2 J	1.9 J	
Toluene	5	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<6.2 U	<2.5 U	<2.5 U	2.5 U	
<b>Total VOCs</b>	147.6	<b>20.6</b>	<b>46.41</b>	<b>8.46</b>	<b>8.03</b>	<b>17.61</b>	<b>82.2</b>	<b>86.4</b>	<b>29.5</b>	<b>73.3</b>	

**Notes:**

1. Samples collected by JMT and submitted to Alpha Analytical for analysis.
2. **ue highlig** represents an exceedance of Ambient Groundwater Quality Standards.
3. **<0.457 U**: Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.
5. Total VOCs are calculated using detected values.

**Qualifiers:**

- J: Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL)  
 U: Not detected at the method detection limit (MDL) for the sample

Q

**Table 1  
Groundwater  
Sampling Results**

Analytes	T.O.G.S 1.1.1 Ambient Water Quality	SP-MW-43R									
		5/4/2017	8/8/2017	10/30/2017	3/29/2018	6/26/2018	DUP 6/26/2018	9/28/2018	12/19/2018	12/20/2019	
<b>VOCs</b>											
1,2,4-Trimethylbenzene	5	1400	460	770	170	530	660	570	170	530	
1,2-Dichloroethane	0.6	<50 U	<2.5 U	<5 U	<2.5 U	<5 U	<5 U	<5 U	<1.2 U	<0.5 U	
1,2-Dichloropropane	1	<100 U	<5 U	<10 U	<5 U	<10 U	<10 U	<10 U	<2.5 U	<5 U	
1,3,5-Trimethylbenzene	5	400	140	110	26	92	96	24 J	11	45	
Benzene	1	290	44	140	13	98	100	100	19	46	
Carbon disulfide	60	<500 U	<25 U	<50 U	<25 U	<50 U	<50 U	<50 U	<12 U	<5 U	
cis-1,2-Dichloroethene	5	<250 U	<12 U	<25 U	<12 U	<25 U	<25 U	<25 U	<6.2 U	<2.5 U	
Ethylbenzene	5	1300	200	590	110	470	480	470	93	360	
Isopropylbenzene	5	<250 U	17	27	7.3	20 J	22 J	26	7.1	20	
Methyl tert butyl ether	10	<250 U	<12 U	<25 U	<12 U	<25 U	<25 U	<25 U	<6.2 U	<12 U	
n-Butylbenzene	5	<250 U	5.7 J	<25 U	<12 U	<25 U	<25 U	<25 U	<6.2 U	3.8 J	
n-Propylbenzene	5	100 J	36	54	12	38	39	45	13	40	
Naphthalene	10	200 J	32	75	6.1 J	47	51	62	8.6	37	
o-Xylene	5	77 J	12	30	4.5 J	20	21 J	20 J	3.8 J	17	
p-Isopropyltoluene	5	<250 U	4.2 J	<25 U	<12 U	<25 U	<25 U	<25 U	<6.2 U	<12 U	
p/m-Xylene	5	1900	310	840	120	600	620	550	110	460	
sec-Butylbenzene	5	<250 U	<12 U	<25 U	<12 U	<25 U	<25 U	<25 U	<6.2 U	<12 U	
tert-Butylbenzene	5	<250 U	<12 U	<25 U	<12 U	<25 U	<25 U	<25 U	<6.2 U	<12 U	
Toluene	5	100 J	14	48	7.6	40	41	35	7.5	33	
<b>Total VOCs</b>	147.6	<b>5767</b>	<b>1274.9</b>	<b>2684</b>	<b>476.5</b>	<b>1955</b>	<b>2130</b>	<b>1902</b>	<b>443</b>	<b>1591.8</b>	

**Notes:**

1. Samples collected by JMT and submitted to Alpha Analytical for analysis.
2. **ue highlig** represents an exceedance of Ambient Groundwater Quality Standards.
3. **<0.457 U**: Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.
5. Total VOCs are calculated using detected values.

**Qualifiers:**

- J: Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL)  
 U: Not detected at the method detection limit (MDL) for the sample

C

**Table 1  
Groundwater  
Sampling Results**

Analytes	T.O.G.S 1.1.1 Ambient Water Quality	SP-MW-45								
		5/4/2017	8/8/2017	10/30/2017	3/29/2018	6/26/2018	9/28/2018	12/19/2018	DUP 12/19/18	12/20/2019
<b>VOCs</b>										
1,2,4-Trimethylbenzene	5	180	140	28	230	110	9.1	61	77	<2.5 U
1,2-Dichloroethane	0.6	<5 U	<1.2 U	<0.5 U	<5 U	<1.2 U	<0.5 U	<1 U	<2.5 U	<0.5 U
1,2-Dichloropropane	1	<10 U	<2.5 U	<1 U	<10 U	<6.2 U	<1 U	<2 U	<5 U	<1 U
1,3,5-Trimethylbenzene	5	<25 U	<6.2 U	<2.5 U	<25 U	<6.2 U	<2.5 U	<5 U	<12 U	<2.5 U
Benzene	1	210	200	8.1	320	200	6.6	180	240	2.6
Carbon disulfide	60	<50 U	49	<5 U	<50 U	<12 U	<5 U	<10 U	<25 U	<5 U
cis-1,2-Dichloroethene	5	<25 U	<6.2 U	<2.5 U	<25 U	<6.2 U	<2.5 U	<5 U	<12 U	<2.5 U
Ethylbenzene	5	42	40	6	65	36	2.3 J	34	45	<2.5 U
Isopropylbenzene	5	14 J	12	3.4	25	17	7	12	14	0.7 J
Methyl tert butyl ether	10	<25 U	<6.2 U	<25 U	<25 U	<6.2 U	<2.5 U	<5 U	<12 U	<2.5 U
n-Butylbenzene	5	<25 U	2.3 J	<2.5 U	<25 U	<6.2 U	<2.5 U	<5 U	<12 U	<2.5 U
n-Propylbenzene	5	26	22	4.1	41	26	2.4 J	15	20	<2.5 U
Naphthalene	10	<25 U	<6.2 U	<2.5 U	<25 U	<6.2 U	0.77 J	<5 U	<12 U	<2.5 U
o-Xylene	5	7.9 J	9	<2.5 U	12 J	6.9	0.7 J	5	6.4 J	<2.5 U
p-Isopropyltoluene	5	<25 U	<6.2 U	<2.5 U	<25 U	<6.2 U	<2.5 U	<5 U	<12 U	0.7 J
p/m-Xylene	5	150	160	4	130	53	0.93 J	60	79	<2.5 U
sec-Butylbenzene	5	<25 U	2.2 J	<2.5 U	<25 U	2.4 J	0.97 J	1.4 J	<12 U	<2.5 U
tert-Butylbenzene	5	<25 U	<6.2 U	<2.5 U	<25 U	<6.2 U	0.74 J	<5 U	<12 U	<2.5 U
Toluene	5	76	54	1.2 J	66	32	<2.5 U	33	42	<2.5 U
<b>Total VOCs</b>	147.6	<b>705.9</b>	<b>690.5</b>	<b>54.8</b>	<b>889</b>	<b>483.3</b>	<b>31.51</b>	<b>401.4</b>	<b>523.4</b>	<b>4</b>

**Notes:**

1. Samples collected by Spectra and submitted to Alpha Analytical for analysis.
2. **ue highlig** represents an exceedance of Ambient Groundwater Quality Standards.
3. **<0.457 U**: Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.
5. Total VOCs are calculated using detected values.

**Qualifiers:**

- J: Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL)  
 U: Not detected at the method detection limit (MDL) for the sample

C



**Table 1  
Groundwater  
Sampling Results**

Analytes	T.O.G.S 1.1.1 Ambient Water Quality	SP-MW-46											
		5/4/2017	8/8/2017	DUP01 8/8/2017	10/30/2017	DUP 01 10/30/2017	3/29/2018	DUP 01 3/29/2018	6/26/2018	9/28/2018	12/19/2018	12/20/2019	
<b>VOCs</b>													
1,2,4-Trimethylbenzene	5	34	1.7 J	1.8 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	0.6	<1 U	<1 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	1	<2 U	0.34 J	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene	5	<5 U	<5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Benzene	1	190	140	180	62	60	51	50	17	26	20	3.8	
Carbon disulfide	60	<10 U	23	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
cis-1,2-Dichloroethene	5	<5 U	<5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	5	14	1.9 J	2.5 J	0.73 J	0.71 J	0.88 J	0.85 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene	5	11	22	27	16	16	5.7	5.4	3.3	18	1.3 J	3	
Methyl tert butyl ether	10	8.4	7	9.1	2.8	2.6	2.9	2.9	1.7 J	2.5	0.93 J	0.96 J	
n-Butylbenzene	5	<5 U	<5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	5	4.7 J	2.1 J	2.7 J	1 J	0.79 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
Naphthalene	10	<5 U	<5 U	5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
o-Xylene	5	<5 U	<5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
p-Isopropyltoluene	5	<5 U	<5 U	<5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
p/m-Xylene	5	39	5.3	6.3	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
sec-Butylbenzene	5	<5 U	<5 U	1.8 J	0.97 J	1 J	<2.5 U	<2.5 U	<2.5 U	1.4 J	<2.5 U	<2.5 U	<2.5 U
tert-Butylbenzene	5	<5 U	<5 U	1.4 J	0.94 J	0.88 J	<2.5 U	<2.5 U	<2.5 U	1.1 J	<2.5 U	<2.5 U	<2.5 U
Toluene	5	5.3	<5 U	1.4 J	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U
<b>Total VOCs</b>	147.6	<b>306.4</b>	<b>203.34</b>	<b>234</b>	<b>83.5</b>	<b>81.27</b>	<b>60.48</b>	<b>59.15</b>	<b>22</b>	<b>49</b>	<b>22.23</b>	<b>7.76</b>	

**Notes:**

1. Samples collected by Spectra and submitted to Alpha Analytical for analysis.
2. **ue highlig** represents an exceedance of Ambient Groundwater Quality Standards.
3. **<0.457 U**: Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.
5. Total VOCs are calculated using detected values.

**Qualifiers:**

- J: Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL)  
 U: Not detected at the method detection limit (MDL) for the sample

C

**Table 1  
Groundwater  
Sampling Results**

Analytes	T.O.G.S 1.1.1 Ambient Water Quality	SP-MW-47								
		5/4/2017	8/8/2017	10/30/2017	3/29/2018	6/26/2018	9/28/2018	12/19/2018	12/20/2019	
<b>VOCs</b>										
1,2,4-Trimethylbenzene	5	120	68	2.2 J	42	12	<6.2 U	15	<2.5 U	
1,2-Dichloroethane	0.6	<5 U	<1.2 U	<0.5 U	<5 U	<1 U	<1.2 U	<1 U	<0.5 U	
1,2-Dichloropropane	1	<10 U	<2.5 U	<1 U	<10 U	<2 U	<2.5 U	<2 U	<1 U	
1,3,5-Trimethylbenzene	5	<25 U	<6.2 U	<2.5 U	<25 U	<5 U	<6.2 U	<5 U	<2.5 U	
Benzene	1	130	76	70	100	75	60	100	33	
Carbon disulfide	60	<50 U	27	<5 U	<50 U	<10 U	<12 U	<10 U	<5 U	
cis-1,2-Dichloroethene	5	<25 U	2 J	1.2 J	<25 U	2 J	<6.2 U	2.6 J	<2.5 U	
Ethylbenzene	5	21 J	14	5.5	15 J	8.4	<6.2 U	11	<2.5 U	
Isopropylbenzene	5	19 J	12	12	15 J	8.1	27	13	19	
Methyl tert butyl ether	10	<25 U	<6.2 U	<2.5 U	<25 U	<5 U	<6.2 U	<5 U	<2.5 U	
n-Butylbenzene	5	<25 U	<6.2 U	<2.5 U	<25 U	<5 U	<6.2 U	<5 U	<2.5 U	
n-Propylbenzene	5	26	16	12	18 J	8.3	9	8.2	2.7	
Naphthalene	10	<25 U	<6.2 U	<2.5 U	<25 U	<5 U	<6.2 U	<5 U	<2.5 U	
o-Xylene	5	<25 U	1.8 J	<2.5 U	<25 U	<5 U	<6.2 U	<5 U	<2.5 U	
p-Isopropyltoluene	5	<25 U	<6.2 U	<2.5 U	<25 U	<5 U	<6.2 U	<5 U	<2.5 U	
p/m-Xylene	5	26	17	2.5	13 J	5.6	<6.2 U	8.6	<2.5 U	
sec-Butylbenzene	5	<25 U	<6.2 U	1.2 J	<25 U	<5 U	3.7 J	1.7 J	3.9	
tert-Butylbenzene	5	<25 U	<6.2 U	<2.5 U	<25 U	<5 U	2.5 J	<5 U	2.3	
Toluene	5	14 J	7.6	<2.5 U	7.1 J	2.7 J	<6.2 U	5.3	<2.5 U	
<b>Total VOCs</b>	147.6	<b>356</b>	<b>241.4</b>	<b>106.6</b>	<b>210.1</b>	<b>122.1</b>	<b>102.2</b>	<b>165.4</b>	<b>60.9</b>	

**Notes:**

1. Samples collected by Spectra and submitted to Alpha Analytical for analysis.
2. **ue highlig** represents an exceedance of Ambient Groundwater Quality Standards.
3. **<0.457 U**: Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.
5. Total VOCs are calculated using detected values.

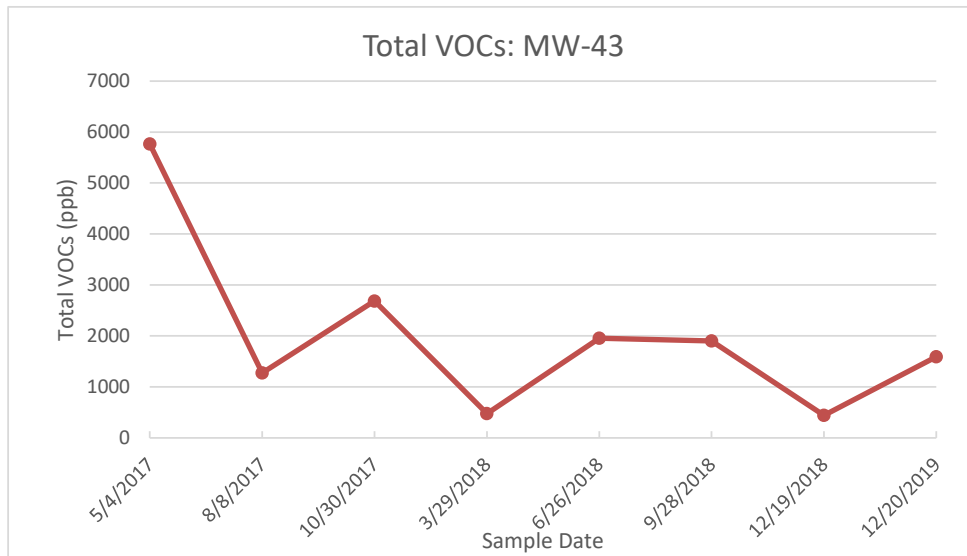
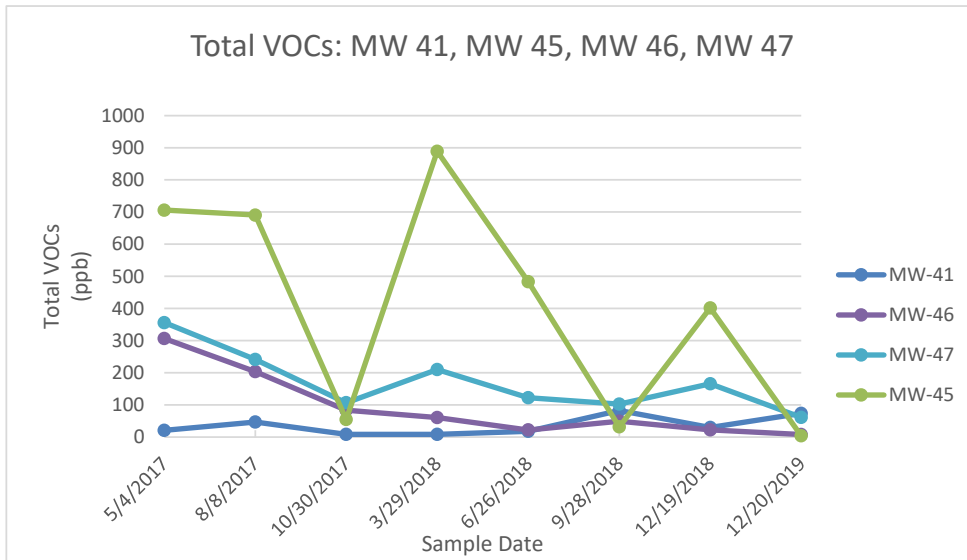
**Qualifiers:**

- J: Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL)  
 U: Not detected at the method detection limit (MDL) for the sample



# Graphs

# Total VOC Trends Destiny USA





# Appendix A



## ANALYTICAL REPORT

Lab Number:	L1961315
Client:	JMT, Inc. 19 British American Blvd. Latham, NY 12110
ATTN:	Paul Adel
Phone:	(518) 782-0882
Project Name:	EMBASSY SUITES - DESTINY
Project Number:	18-00996N
Report Date:	01/03/20

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L1961315-01	SP-MW-41	WATER	SYRACUSE, NY	12/20/19 14:45	12/20/19
L1961315-02	SP-MW-43R	WATER	SYRACUSE, NY	12/20/19 13:10	12/20/19
L1961315-03	SP-MW-45	WATER	SYRACUSE, NY	12/20/19 12:10	12/20/19
L1961315-04	SP-MW-46	WATER	SYRACUSE, NY	12/20/19 15:30	12/20/19
L1961315-05	SP-MW-47	WATER	SYRACUSE, NY	12/20/19 10:15	12/20/19
L1961315-06	DUP	WATER	SYRACUSE, NY	12/20/19 13:40	12/20/19
L1961315-07	TRIP BLANK	WATER	SYRACUSE, NY	12/20/19 15:45	12/20/19

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

**HOLD POLICY** - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

---



**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

### Case Narrative (continued)

#### Report Revision

January 03, 2020: At the client's request, the Volatile Organics compound list has been amended.

#### Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Volatile Organics

L1961315-01 and -04: The sample was collected in a pre-preserved vial; however, the pH of the sample was determined to be greater than two. Samples that have a pH of greater than two should be analyzed within 7 days of collection; therefore, the sample was analyzed with the method required holding time exceeded.


L1961315-02: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1961315-07: The Trip Blank has a result for acetone present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1325577-6 MS recovery, performed on L1961315-02, is below the acceptance criteria for bromomethane (0%), due to the concentration of this compound falling below the reported detection limit.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 01/03/20

# ORGANICS

# VOLATILES

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

**Lab ID:** L1961315-01  
**Client ID:** SP-MW-41  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 12/20/19 14:45  
**Date Received:** 12/20/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8260C  
**Analytical Date:** 12/28/19 17:04  
**Analyst:** AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	22		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

**Project Name:** EMBASSY SUITES - DESTINY**Lab Number:** L1961315**Project Number:** 18-00996N**Report Date:** 01/03/20**SAMPLE RESULTS**

Lab ID: L1961315-01  
 Client ID: SP-MW-41  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 14:45  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	6.5	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	3.4		ug/l	2.5	0.70	1
tert-Butylbenzene	1.9	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	36		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	10		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

**Lab ID:** L1961315-01  
**Client ID:** SP-MW-41  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 12/20/19 14:45  
**Date Received:** 12/20/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	0.84	J	ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	88		70-130

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

Lab ID: L1961315-02 D  
 Client ID: SP-MW-43R  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 13:10  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 12/28/19 17:29  
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	46		ug/l	2.5	0.80	5
Toluene	33		ug/l	12	3.5	5
Ethylbenzene	360		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

Lab ID: L1961315-02 D  
 Client ID: SP-MW-43R  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 13:10  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	460		ug/l	12	3.5	5
o-Xylene	17		ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Diisopropyl Ether	ND		ug/l	10	3.2	5
Tert-Butyl Alcohol	ND		ug/l	50	7.0	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	3.8	J	ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	20		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	37		ug/l	12	3.5	5
n-Propylbenzene	40		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5



**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

Lab ID: L1961315-02 D  
 Client ID: SP-MW-43R  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 13:10  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	45		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	530		ug/l	12	3.5	5
Ethyl-Tert-Butyl-Ether	ND		ug/l	12	3.5	5
Tertiary-Amyl Methyl Ether	ND		ug/l	10	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Tetrahydrofuran	ND		ug/l	25	7.5	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	88		70-130

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

Lab ID: L1961315-03  
 Client ID: SP-MW-45  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 12:10  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 12/28/19 12:10  
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	2.6		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

**Project Name:** EMBASSY SUITES - DESTINY**Lab Number:** L1961315**Project Number:** 18-00996N**Report Date:** 01/03/20**SAMPLE RESULTS**

Lab ID: L1961315-03  
 Client ID: SP-MW-45  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 12:10  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	3.6	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.0		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	0.70	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

Lab ID: L1961315-03  
 Client ID: SP-MW-45  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 12:10  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	93		70-130

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

Lab ID: L1961315-04  
 Client ID: SP-MW-46  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 15:30  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 12/28/19 12:34  
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	3.8		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

**Project Name:** EMBASSY SUITES - DESTINY**Lab Number:** L1961315**Project Number:** 18-00996N**Report Date:** 01/03/20**SAMPLE RESULTS**

Lab ID: L1961315-04  
 Client ID: SP-MW-46  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 15:30  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.96	J	ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	2.4	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.0		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	3.0		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

**Lab ID:** L1961315-04  
**Client ID:** SP-MW-46  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 12/20/19 15:30  
**Date Received:** 12/20/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	93		70-130

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

Lab ID: L1961315-05  
 Client ID: SP-MW-47  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 10:15  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 12/28/19 17:53  
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	33		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1



**Project Name:** EMBASSY SUITES - DESTINY**Lab Number:** L1961315**Project Number:** 18-00996N**Report Date:** 01/03/20**SAMPLE RESULTS**

Lab ID: L1961315-05  
 Client ID: SP-MW-47  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 10:15  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	7.3	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	3.9		ug/l	2.5	0.70	1
tert-Butylbenzene	2.3	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	19		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	2.7		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

**Lab ID:** L1961315-05  
**Client ID:** SP-MW-47  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 12/20/19 10:15  
**Date Received:** 12/20/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	88		70-130

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

Lab ID: L1961315-06  
 Client ID: DUP  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 13:40  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 12/28/19 18:18  
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	21		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

**Project Name:** EMBASSY SUITES - DESTINY**Lab Number:** L1961315**Project Number:** 18-00996N**Report Date:** 01/03/20**SAMPLE RESULTS**

Lab ID: L1961315-06  
 Client ID: DUP  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 13:40  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	6.3	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	3.4		ug/l	2.5	0.70	1
tert-Butylbenzene	2.0	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	37		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	10		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

**Lab ID:** L1961315-06  
**Client ID:** DUP  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 12/20/19 13:40  
**Date Received:** 12/20/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	0.97	J	ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	84		70-130

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

Lab ID: L1961315-07  
 Client ID: TRIP BLANK  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 15:45  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 12/28/19 11:45  
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	1.4	J	ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

**Project Name:** EMBASSY SUITES - DESTINY**Lab Number:** L1961315**Project Number:** 18-00996N**Report Date:** 01/03/20**SAMPLE RESULTS**

Lab ID: L1961315-07  
 Client ID: TRIP BLANK  
 Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 15:45  
 Date Received: 12/20/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	4.4	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.7		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**SAMPLE RESULTS**

**Lab ID:** L1961315-07  
**Client ID:** TRIP BLANK  
**Sample Location:** SYRACUSE, NY

**Date Collected:** 12/20/19 15:45  
**Date Received:** 12/20/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	94		70-130



**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 12/28/19 11:21  
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1325577-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 12/28/19 11:21  
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1325577-5					
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Diisopropyl Ether	ND		ug/l	2.0	0.65
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 12/28/19 11:21  
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1325577-5					
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	93		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** EMBASSY SUITES - DESTINY

**Project Number:** 18-00996N

**Lab Number:** L1961315

**Report Date:** 01/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1325577-3 WG1325577-4								
Methylene chloride	97		89		70-130	9		20
1,1-Dichloroethane	110		99		70-130	11		20
Chloroform	95		87		70-130	9		20
Carbon tetrachloride	91		83		63-132	9		20
1,2-Dichloropropane	100		94		70-130	6		20
Dibromochloromethane	95		91		63-130	4		20
1,1,2-Trichloroethane	99		94		70-130	5		20
Tetrachloroethene	92		86		70-130	7		20
Chlorobenzene	99		92		75-130	7		20
Trichlorofluoromethane	89		80		62-150	11		20
1,2-Dichloroethane	88		85		70-130	3		20
1,1,1-Trichloroethane	92		86		67-130	7		20
Bromodichloromethane	93		86		67-130	8		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	99		93		70-130	6		20
1,1-Dichloropropene	96		88		70-130	9		20
Bromoform	89		88		54-136	1		20
1,1,2,2-Tetrachloroethane	100		99		67-130	1		20
Benzene	97		90		70-130	7		20
Toluene	100		94		70-130	6		20
Ethylbenzene	100		93		70-130	7		20
Chloromethane	93		79		64-130	16		20
Bromomethane	40		40		39-139	0		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: EMBASSY SUITES - DESTINY

Lab Number: L1961315

Project Number: 18-00996N

Report Date: 01/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1325577-3 WG1325577-4								
Vinyl chloride	80		74		55-140	8		20
Chloroethane	76		70		55-138	8		20
1,1-Dichloroethene	96		85		61-145	12		20
trans-1,2-Dichloroethene	99		89		70-130	11		20
Trichloroethene	94		87		70-130	8		20
1,2-Dichlorobenzene	100		95		70-130	5		20
1,3-Dichlorobenzene	100		96		70-130	4		20
1,4-Dichlorobenzene	99		95		70-130	4		20
Methyl tert butyl ether	98		94		63-130	4		20
p/m-Xylene	100		90		70-130	11		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	98		90		70-130	9		20
Dibromomethane	90		85		70-130	6		20
1,2,3-Trichloropropane	98		98		64-130	0		20
Acrylonitrile	110		110		70-130	0		20
Diisopropyl Ether	110		110		70-130	0		20
Tert-Butyl Alcohol	92		96		70-130	4		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	52		46		36-147	12		20
Acetone	97		82		58-148	17		20
Carbon disulfide	100		89		51-130	12		20
2-Butanone	100		88		63-138	13		20
4-Methyl-2-pentanone	100		100		59-130	0		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: EMBASSY SUITES - DESTINY

Lab Number: L1961315

Project Number: 18-00996N

Report Date: 01/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1325577-3 WG1325577-4								
2-Hexanone	110		100		57-130	10		20
Bromochloromethane	100		94		70-130	6		20
2,2-Dichloropropane	110		120		63-133	9		20
1,2-Dibromoethane	98		92		70-130	6		20
1,3-Dichloropropane	100		99		70-130	1		20
1,1,1,2-Tetrachloroethane	97		90		64-130	7		20
Bromobenzene	97		95		70-130	2		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	100		97		70-130	3		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	87		84		41-144	4		20
Hexachlorobutadiene	97		91		63-130	6		20
Isopropylbenzene	100		98		70-130	2		20
p-Isopropyltoluene	110		94		70-130	16		20
Naphthalene	94		92		70-130	2		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	97		92		70-130	5		20
1,2,4-Trichlorobenzene	100		94		70-130	6		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		99		70-130	1		20
Ethyl-Tert-Butyl-Ether	100		97		70-130	3		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** EMBASSY SUITES - DESTINY

**Project Number:** 18-00996N

**Lab Number:** L1961315

**Report Date:** 01/03/20

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1325577-3 WG1325577-4								
Tertiary-Amyl Methyl Ether	91		89		66-130	2		20
1,4-Dioxane	98		86		56-162	13		20
Freon-113	92		84		70-130	9		20
Tetrahydrofuran	110		100		58-130	10		20
Ethyl ether	96		88		59-134	9		20
trans-1,4-Dichloro-2-butene	110		110		70-130	0		20

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
1,2-Dichloroethane-d4	106		106		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	92		92		70-130

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** EMBASSY SUITES - DESTINY

**Project Number:** 18-00996N

**Lab Number:** L1961315

**Report Date:** 01/03/20

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1325577-6 WG1325577-7 QC Sample: L1961315-02 Client ID: SP-MW-43R												
Methylene chloride	ND	50	45	90		44	88		70-130	2		20
1,1-Dichloroethane	ND	50	49	98		48	96		70-130	2		20
Chloroform	ND	50	46	92		45	90		70-130	2		20
Carbon tetrachloride	ND	50	42	84		39	78		63-132	7		20
1,2-Dichloropropane	ND	50	49	98		49	98		70-130	0		20
Dibromochloromethane	ND	50	46	92		44	88		63-130	4		20
1,1,2-Trichloroethane	ND	50	78	156	Q	74	148	Q	70-130	5		20
Tetrachloroethene	ND	50	49	98		47	94		70-130	4		20
Chlorobenzene	ND	50	50	100		48	96		75-130	4		20
Trichlorofluoromethane	ND	50	44	88		42	84		62-150	5		20
1,2-Dichloroethane	ND	50	43	86		42	84		70-130	2		20
1,1,1-Trichloroethane	ND	50	45	90		43	86		67-130	5		20
Bromodichloromethane	ND	50	44	88		42	84		67-130	5		20
trans-1,3-Dichloropropene	ND	50	47	94		44	88		70-130	7		20
cis-1,3-Dichloropropene	ND	50	45	90		43	86		70-130	5		20
1,1-Dichloropropene	ND	50	50	100		48	96		70-130	4		20
Bromoform	ND	50	42	84		40	80		54-136	5		20
1,1,2,2-Tetrachloroethane	ND	50	52	104		51	102		67-130	2		20
Benzene	46	50	93	94		92	92		70-130	1		20
Toluene	33	50	83	100		82	98		70-130	1		20
Ethylbenzene	360	50	410	100		400	80		70-130	2		20
Chloromethane	ND	50	83	166	Q	79	158	Q	64-130	5		20
Bromomethane	ND	50	ND	0	Q	3.6J	7	Q	39-139	NC		20



## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** EMBASSY SUITES - DESTINY

**Project Number:** 18-00996N

**Lab Number:** L1961315

**Report Date:** 01/03/20

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1325577-6 WG1325577-7 QC Sample: L1961315-02 Client ID: SP-MW-43R												
Vinyl chloride	ND	50	39	78		38	76		55-140	3		20
Chloroethane	ND	50	39	78		38	76		55-138	3		20
1,1-Dichloroethene	ND	50	48	96		47	94		61-145	2		20
trans-1,2-Dichloroethene	ND	50	47	94		46	92		70-130	2		20
Trichloroethene	ND	50	48	96		46	92		70-130	4		20
1,2-Dichlorobenzene	ND	50	50	100		49	98		70-130	2		20
1,3-Dichlorobenzene	ND	50	50	100		48	96		70-130	4		20
1,4-Dichlorobenzene	ND	50	50	100		48	96		70-130	4		20
Methyl tert butyl ether	ND	50	43	86		40	80		63-130	7		20
p/m-Xylene	460	100	560	100		540	80		70-130	4		20
o-Xylene	17	100	120	103		110	93		70-130	9		20
cis-1,2-Dichloroethene	ND	50	49	98		47	94		70-130	4		20
Dibromomethane	ND	50	45	90		43	86		70-130	5		20
1,2,3-Trichloropropane	ND	50	52	104		50	100		64-130	4		20
Acrylonitrile	ND	50	270	540	Q	260	520	Q	70-130	4		20
Diisopropyl Ether	ND	50	56	112		54	108		70-130	4		20
Tert-Butyl Alcohol	ND	250	220	88		190	76		70-130	15		20
Styrene	ND	100	96	96		93	93		70-130	3		20
Dichlorodifluoromethane	ND	50	27	54		25	50		36-147	8		20
Acetone	ND	50	88	176	Q	83	166	Q	58-148	6		20
Carbon disulfide	ND	50	48	96		48	96		51-130	0		20
2-Butanone	ND	50	100	200	Q	97	194	Q	63-138	3		20
4-Methyl-2-pentanone	ND	50	59	118		56	112		59-130	5		20

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** EMBASSY SUITES - DESTINY

**Lab Number:** L1961315

**Project Number:** 18-00996N

**Report Date:** 01/03/20

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1325577-6 WG1325577-7 QC Sample: L1961315-02 Client ID: SP-MW-43R												
2-Hexanone	ND	50	59	118		58	116		57-130	2		20
Bromochloromethane	ND	50	45	90		41	82		70-130	9		20
2,2-Dichloropropane	ND	50	16	32	Q	8.0J	16	Q	63-133	67	Q	20
1,2-Dibromoethane	ND	50	49	98		47	94		70-130	4		20
1,3-Dichloropropane	ND	50	52	104		50	100		70-130	4		20
1,1,1,2-Tetrachloroethane	ND	50	48	96		46	92		64-130	4		20
Bromobenzene	ND	50	49	98		48	96		70-130	2		20
n-Butylbenzene	3.8J	50	62	124		60	120		53-136	3		20
sec-Butylbenzene	ND	50	53	106		51	102		70-130	4		20
tert-Butylbenzene	ND	50	54	108		53	106		70-130	2		20
o-Chlorotoluene	ND	50	43	86		42	84		70-130	2		20
p-Chlorotoluene	ND	50	52	104		51	102		70-130	2		20
1,2-Dibromo-3-chloropropane	ND	50	45	90		43	86		41-144	5		20
Hexachlorobutadiene	ND	50	50	100		50	100		63-130	0		20
Isopropylbenzene	20	50	75	110		72	104		70-130	4		20
p-Isopropyltoluene	ND	50	68	136	Q	66	132	Q	70-130	3		20
Naphthalene	37	50	90	106		88	102		70-130	2		20
n-Propylbenzene	40	50	94	108		90	100		69-130	4		20
1,2,3-Trichlorobenzene	ND	50	48	96		48	96		70-130	0		20
1,2,4-Trichlorobenzene	ND	50	50	100		50	100		70-130	0		20
1,3,5-Trimethylbenzene	45	50	100	110		96	102		64-130	4		20
1,2,4-Trimethylbenzene	530	50	560	60	Q	560	60	Q	70-130	0		20
Ethyl-Tert-Butyl-Ether	ND	50	48	96		45	90		70-130	6		20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1325577-6 WG1325577-7 QC Sample: L1961315-02 Client ID: SP-MW-43R												
Tertiary-Amyl Methyl Ether	ND	50	45	90		42	84		66-130	7		20
1,4-Dioxane	ND	2500	2600	104		2500	100		56-162	4		20
Freon-113	ND	50	46	92		43	86		70-130	7		20
Tetrahydrofuran	ND	50	56	112		55	110		58-130	2		20
Ethyl ether	ND	50	45	90		44	88		59-134	2		20
trans-1,4-Dichloro-2-butene	ND	50	39	78		36	72		70-130	8		20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	105		105		70-130
4-Bromofluorobenzene	104		101		70-130
Dibromofluoromethane	88		88		70-130
Toluene-d8	101		100		70-130

**Project Name:** EMBASSY SUITES - DESTINY**Lab Number:** L1961315**Project Number:** 18-00996N**Report Date:** 01/03/20**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1961315-01A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-01B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-01C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02A1	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02A2	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02B1	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02B2	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02C1	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02C2	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-03A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-03B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-03C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-04A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-04B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-04C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-05A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-05B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-05C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-06A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-06B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)

**Project Name:** EMBASSY SUITES - DESTINY**Lab Number:** L1961315**Project Number:** 18-00996N**Report Date:** 01/03/20**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1961315-06C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-07A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-07B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)

**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

## GLOSSARY

### Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)  Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

### Footnotes

Report Format: DU Report with 'J' Qualifiers



**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PAH Total:** With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

Report Format: DU Report with 'J' Qualifiers



**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

**Data Qualifiers**

- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.



**Project Name:** EMBASSY SUITES - DESTINY  
**Project Number:** 18-00996N

**Lab Number:** L1961315  
**Report Date:** 01/03/20

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

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The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 624/624.1:** m/p-xylene, o-xylene

**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS

**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Biological Tissue Matrix:** EPA 3050B

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The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

**EPA 522.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.


**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1** Hg.

**SM2340B**

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For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 <b>ALPHA ANALYTICAL</b> Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	<b>NEW YORK CHAIN OF CUSTODY</b> Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	<b>Service Centers</b> Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page		Date Rec'd in Lab	12/21/19	ALPHA Job #	2961315	
		of							
<b>Project Information</b> Project Name: <i>Embassy Suites - Destiny</i> Project Location: <i>Syracuse NY</i> Project # <i>18-00976N</i> (Use Project name as Project #) <input type="checkbox"/>			<b>Deliverables</b> <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input checked="" type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other			<b>Billing Information</b> <input type="checkbox"/> Same as Client Info PO #			
<b>Client Information</b> Client: <i>JMT of NY</i> Address: <i>11 British American Blvd</i> <i>Syrah NY 12110</i> Phone: <i>518-782-0886</i> Fax: Email: <i>hasebeck@jmt.com</i>			<b>Regulatory Requirement</b> <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge			<b>Disposal Site Information</b> Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:			
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:			<b>ANALYSIS</b>			<b>Sample Filtration</b> <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)			
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Please specify Metals or TAL.			Total Bottles 028-500N			Sample Specific Comments			
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials				
		Date	Time						
<i>6135-01</i>	<i>SP-MW-41</i>	<i>12/20/19</i>	<i>14:45</i>	<i>GW</i>	<i>KO</i>	<i>X</i>			
<i>-02</i>	<i>SP-MW-43R</i>		<i>13:10</i>			<i>X</i>			
<i>-03</i>	<i>SP-MW-45</i>		<i>12:10</i>			<i>X</i>			
<i>-04</i>	<i>SP-MW-46</i>		<i>15:30</i>			<i>X</i>			
<i>-05</i>	<i>SP-MW-47</i>		<i>10:15</i>			<i>X</i>			
<i>-06</i>	<i>MS / MSD (SP-MW-43R)</i>		<i>13:10</i>			<i>X</i>			
<i>-07</i>	<i>Dup</i>		<i>13:40</i>			<i>X</i>			
<i>-08</i>	<i>Top Blank</i>	<i>12/20/19</i>	<i>15:45</i>	<i>GW</i>	<i>KO</i>	<i>X</i>			
Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type <i>V</i> Preservative <i>B</i>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By:		Date/Time		Received By:		Date/Time			
<i>[Signature]</i>		<i>12/20 7:10pm</i>		<i>[Signature]</i>		<i>12/20/19 22:05</i>			
<i>[Signature]</i>		<i>12/20/19 22:05</i>		<i>[Signature]</i>		<i>12/21/19 01:15</i>			