



November 11, 2013

Mr. Peter Ouderkirk
NYSDEC Region 6 – Environmental Quality
Division of Environmental Remediation
317 Washington Street
Watertown, New York 13601

**RE: Quarterly Groundwater Sampling
NYSDEC Former Jones/Day Property
107 South Main Street
Dolgeville, New York 13329
NYSDEC Spill #08-09846**

DRAFT

Dear Mr. Ouderkirk:

Groundwater & Environmental Services, Inc. (GES) presents the groundwater data from the above referenced site following the excavation activities. This letter summarizes the groundwater sampling event that occurred on September 12, 2013, on behalf of the New York State Department of Environmental Conservation (NYSDEC). All groundwater samples were sent to Test America Laboratories under Chain of Custody for analysis of STARS listed compounds via EPA Methods 8260 and EPA Method 8270. The groundwater data is summarized on the attached tables and a brief timeline of the events are described below.

- On September 19, 2013, GES received a Callout from the NYSDEC for Site No. B00117 (NYSDEC Spill # 08-09846). The Callout detailed that 4 quarters of groundwater sampling was to be conducted following the completion of the excavation activities. Excavation activities were completed between September 24 and November 9, 2012. In order to complete the excavation, many of the monitoring wells were destroyed, however, wells MW SBA-03, MW SBA-04, MW-2A, MW-3A, and MW-4 did remain. These wells became the monitoring well network for the post excavation groundwater sampling events.
- On December 6, 2012, the first groundwater sampling event was completed by GES at the remaining five monitoring wells. The wells were gauged for depth to which ranged from 6.44 to 9.65 feet below top of well casing (ftbtoc) during this event. Monitoring well MW-4 was gauged and groundwater was not detected within the well; therefore, no sample could be collected. The measured depth of monitoring well MW-4 is 6.5 feet below grade. Groundwater samples were collected from the other four wells.
- On February 8, 2013, the second groundwater sampling event was completed by GES. The remaining five wells were gauged for depth to water which ranged from 5.75 to 8.93 ftbtoc during this event. Again, a sample was not collected from MW-4 due to insufficient water. Groundwater samples were collected from the other four wells.
- On June 10, 2013, the third groundwater sampling event was completed by GES. The remaining five wells were gauged for depth to water which ranged from 5.33 to 8.35 ftbtoc. During this event, a sample could not be collected from MW-4 and MW SBA-03 due to insufficient water. Groundwater samples were collected from the other three wells.
- On September 12, 2013, the fourth groundwater sampling event was completed by GES. The five remaining wells were gauged for depth to water which ranged from 6.21 to 9.31 ftbtoc during this event. A sample was not collected from MW-4 and MW SBA-03 due to insufficient water. Samples were collected from the other three wells.



Historical groundwater sampling data from the C.T. Male *Groundwater Sampling Results* report has been compiled and summarized on the attached **Tables 1** and **2**. This data was collected prior to December 2012 and was taken directly from the data tables in the C.T. Male report.

Comparing the June 10, 2013 groundwater sampling results to the September 12, 2013 results shows a slight increase in VOC concentrations the three wells that were sampled (MW SBA-04, MW-2A, MW-3A). SVOC concentrations remained below laboratory reporting limits at MW SBA-04 and MW-3A, but showed an increase in one compound (naphthalene) at MW-2A.

Evaluation of the available data set shows an overall decrease in dissolved phase concentrations in the remaining monitoring well network for both SVOC and VOC since the completion of the remedial excavation in the fall of 2012. One exception is the VOC concentration at MW SBA-04. This location has shown a slight increase in concentrations when compared to the August 2012 data. Although there is a slight increase at this location, the concentrations of the four compounds that exceed TOGS 1.1.1 GWQS are within the same order of magnitude and just above the GWQS.

The analytical data from the previous four groundwater sampling events conducted by GES are shown on **Tables 1 and 2** as well as historical data that was collected by C.T. Male and provided to GES by the NYSDEC. The results from the samples collected from only the September 12, 2013 groundwater sampling event are summarized on **Table 3**.

If you have any questions or comments, please contact GES at 1-800-220-3069.

Sincerely,

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.

DRAFT

Chris Sanson
Environmental Scientist

Justin Domago
Project Manager

Attachments:

Table 1: Summary of Groundwater Quality (VOCs)
Table 2: Summary of Groundwater Quality (SVOCs)
Table 3: Summary of Groundwater Quality, September 12, 2013
Figure 1: Site Map
Laboratory Analytical Data: September 12, 2013

TABLES

Table 1: Summary of Groundwater Quality (VOCs)

Table 2: Summary of Groundwater Quality (SVOCs)

Table 3: Summary of Groundwater Quality, September 12, 2013

DRAFT

Table 1

SUMMARY OF GROUNDWATER QUALITY (VOC)

NYSDEC Former Jones/Day Property (Spills #08-09846)
107 South Main Street
Dolgeville, New York (Herkimer County)

Monitoring Well	Date	DTW	Benzene	Ethy/benzene	Toluene	m,p-Xylene	o-Xylene	Total Xylene	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	n-Butylbenzene	sec-Butylbenzene	Naphthalene	MTBE	tert-Butylbenzene	t-Butyl alcohol	Total VOCs
NYSDEC TOGS 1.1.1 GWQS			1	5	5	5	5	5	5	5	5	5	5	5	5	10	10	5	**	NA
MW SBA-03	11/2010	~	ND	4.8	ND	8.5	1	9.5	0.96	~	~	~	~	~	~	~	~	~	~	~
	4/2011	~	ND	2.6	.47 J	5.3	0.56 J	5.86	ND	~	~	~	~	~	~	ND	~	~	~	11 J
	11/2011	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
	8/2012	~	ND	2.6	0.86 J	5.6	1.5	7.1	~	~	~	~	~	~	~	2.8	~	~	~	13.36 J
	12/6/2012	9.65	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<3.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<20	ND
	2/8/2013	8.93	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<3.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<20	ND
	6/10/2013	Dry	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
	9/12/2013	Dry	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
MW SBA-04	11/2010	~	ND	1.2	ND	2.9	ND	2.9	~	~	~	~	~	~	~	~	~	~	~	~
	4/2011	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
	11/2011	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
	8/2012	~	ND	1.3	0.66 J	2.6	0.51 J	3.11	~	~	~	~	~	~	~	0.49 J	~	~	~	5.56 J
	12/6/2012	6.44	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<3.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<20	ND
	2/8/2013	5.75	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<3.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<20	ND
	6/10/2013	5.33	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<20	ND
	9/12/2013	6.21	2.7	8.4	0.77 J	ND<2.0	ND<1.0	ND<2.0	8.8	~	~	2.5	ND<1.0	0.89 J	1.6	ND<1.0	ND<1.0	ND<1.0	NS	32.66 J
MW-2A	4/2011	~	ND	73 J	17 J	290 J	43 J	333 J	27 J	~	~	~	~	~	~	38 J	~	~	~	762 J
	11/2011	~	4.2	100	23	230	71	301	9.6	~	~	~	~	~	~	66 J	~	~	~	551 J
	8/2012	~	30	570	230	1,900	420	2,320	~	~	~	~	~	~	~	240	~	~	~	3,397.40
	12/6/2012	9.52	8.9	170	81	500	150	650	22	40	9.7	270	91	ND<1.0	ND<1.0	60	ND<1.0	ND<1.0	ND<20	1,402.60
	2/8/2013	8.83	ND<1.0	ND<1.0	0.63 J	6.4	2.8	9.2	ND<1.0	ND<1.0	0.51 J	5.3	1.8	0.92 J	ND<1.0	0.77 J	ND<1.0	ND<1.0	ND<20	19.13 J
	6/10/2013	8.35	ND<1.0	2.2	ND<1.0	5.8	1.3	7.1	0.85 J	1.7	0.75 J	12	4.1	1.7	ND<1.0	1.3	ND<1.0	ND<1.0	ND<20	31.7 J
	9/12/2013	9.31	0.46 J	3.9	1.5	13.0	9.3	22	ND<1.0	ND<1.0	ND<1.0	16	2.2	ND<1.0	ND<1.0	3.0	ND<1.0	ND<1.0	NS	71.36 J
MW-3A	4/2011	~	ND	2.1 J	ND	1.6 J	ND	1.6 J	ND	~	~	~	~	~	~	ND	~	~	~	16 J
	11/2011	~	ND	ND	ND	ND	ND	ND	ND	~	~	~	~	~	~	ND	~	~	~	~
	8/2012	~	ND	3.4	0.92 J	6.6	0.99 J	7.59 J	~	~	~	~	~	~	~	0.94 J	~	~	~	12.85 J
	12/6/2012	8.92	ND<1.0	2.5	ND<1.0	1.3 J	ND<1.0	1.3 J	5.6	10	1.7	11	2.7	ND<1.0	5.2	0.54 J	ND<1.0	0.96 J	ND<20	41.5 J
	2/8/2013	8.31	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<3.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<20	ND
	6/10/2013	7.79	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<20	ND
	9/12/2013	7.73	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<2.0	1.5	1.2	ND<1.0	1.7	ND<1.0	ND<1.0	3.1	ND<1.0	ND<1.0	ND<1.0	NS	7.5
MW-4	12/6/2013	Dry	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
	2/8/2013	Dry	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
	6/10/2013	Dry	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
	9/12/2013	Dry	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~

Notes:
All concentrations are reported in ug/L
ND< = not detected above method reporting limits
BOLD = compound detection exceeds NYSDEC TOGS 1.1.1 Guidance Values
J = Results is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
November 2010, April 2011, November 2011 and August 2012 - sampling collected and anlyazed by C.T. Male referenced from the October 19, 2012*Groundwater Sampling Results Report* to the DEC
~ = Laboratory Results not not Available
DTW = Depth to Water below top of casing



Table 2

SUMMARY OF GROUNDWATER QUALITY (SVOC)
NYSDEC Former Jones/Day Property (Spills #08-09846)
107 South Main Street
Dolgeville, New York (Herkimer County)

Monitoring Well	Date	DTW	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (g,h,i) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Ideno (1,2,3-c,d) pyrene	Naphthalene	Phenanthrene	Pyrene	Total SVOCs	
NYSDEC TOGS 1.1.1 GWQS			20	20	50	0.002	0.002	0.002	0.002	0.002	0.002	50	50	50	0.002	10	50	50	NA	
MW SBA-03	11/2010	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
	4/2011	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
	11/2011	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
	8/2012	~	~	~	~	~	~	~	~	~	~	~	~	~	~	2.8	~	~	~	
	12/6/2012	9.65	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND	
	2/8/2013	8.93	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND	
	6/10/2013	Dry	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
	9/12/2013	Dry	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
MW SBA-04	11/2010	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
	4/2011	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
	8/2012	~	~	~	~	~	~	~	~	~	~	~	~	~	~	0.49 J	~	~	~	
	12/6/2012	6.44	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND<5.5	ND
	2/8/2013	5.75	ND<5.9	ND<5.9	ND<5.9	0.69 J	0.65 J	0.93 J	ND<5.9	ND<5.9	0.65 J	ND<5.9	1.2 J	ND<5.9	ND<5.9	ND<5.9	ND<5.9	ND<5.9	0.95 J	5.07 J
	6/10/2013	5.33	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND
	9/12/2013	6.21	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND
MW-2A	4/2011	~	~	~	~	~	~	~	~	~	~	~	~	~	~	38	~	~	~	
	11/2011	~	~	~	~	~	~	~	~	~	~	~	~	~	~	66	~	~	~	
	8/2012	~	~	~	~	~	~	~	~	~	~	~	~	~	~	240	~	~	~	
	12/6/2012	9.52	ND<5.6	ND<5.6	ND<5.6	ND<5.6	ND<5.6	ND<5.6	ND<5.6	ND<5.6	ND<5.6	ND<5.6	ND<5.6	ND<5.6	ND<5.6	ND<5.6	81	4.7 J	ND<5.6	85.7 J
	2/8/2013	8.83	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND
	6/10/2013	8.35	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	ND<5.3	3.2 J	ND<5.3	ND<5.3	ND<5.3	3.2
	9/12/2013	9.31	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	49	0.45 J B	ND<5.0	49.45 J B	
MW-3A	4/2011	~	~	~	~	~	~	~	~	~	~	~	~	~	~	ND	~	~	16 J	
	11/2011	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
	8/2012	~	~	~	~	~	~	~	~	~	~	~	~	~	~	0.94 J	~	~	~	
	12/6/2012	8.92	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND>5.6	ND
	2/8/2013	8.31	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND<5.8	ND
	6/10/2013	7.79	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND<5.7	ND
	9/12/2013	7.73	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	.97 J	ND<5.0	ND>5.0	0.97 J	
MW-4	12/6/2013	Dry	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
	2/8/2013	Dry	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
	6/10/2013	Dry	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	
	9/12/2013	Dry	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	

Notes:
All concentrations are reported in ug/L
ND< = not detected above method reporting limits
BOLD = compound detection exceeds NYSDEC TOGS 1.1.1 Guidance Values
J = Results is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
November 2010, April 2011, November 2011 and August 2012 - sampling collected and analyzed by C.T. Male referenced from the October 19, 2012 *Groundwater Sampling Results Report* to the DEC
~ = Laboratory Results not Available
DTW = Depth to Water below top of casing



Table 3

SUMMARY OF GROUNDWATER QUALITY

NYSDEC Former Jones/Day Property (Spills #08-09846)

107 South Main Street

Dolgeville, New York (Herkimer County)

9/12/2013

VOCs 8260B	TOGS 1.1.1 Groundwater Standards	MW SBA-03 (Dry)	MW SBA-04 (6.21)	MW-2A (9.31)	MW-3A (7.73)	MW-4 (Dry)
Benzene	1	~	2.7	0.46 J	ND<1.0	~
Ethylbenzene	5	~	8.4	3.9	ND<1.0	~
Toluene	5	~	0.77 J	1.5	ND<1.0	~
m,p-Xylene	5	~	ND<2.0	13.0	ND<2.0	~
o-Xylene	5	~	ND<1.0	9.3	ND<1.0	~
Total Xylene	5	~	ND<2.0	22	ND<2.0	~
Isopropylbenzene	5	~	8.8	ND<1.0	1.5	~
n-Propylbenzene	5	~	7.0	ND<1.0	1.2	~
p-Isopropyltoluene	5	~	ND<1.0	ND<1.0	ND<1.0	~
1,2,4-Trimethylbenzene	5	~	2.5	16	1.7	~
1,3,5-Trimethylbenzene	5	~	ND<1.0	2.2	ND<1.0	~
n-Butylbenzene	5	~	0.89 J	ND<1.0	ND<1.0	~
sec-Butylbenzene	5	~	1.6	ND<1.0	3.1	~
Naphthalene	10	~	ND<1.0	3.0	ND<1.0	~
Mtbe	10	~	ND<1.0	ND<1.0	ND<1.0	~
tert-Butylbenzene	5	~	ND<1.0	ND<1.0	ND<1.0	~
t-Butyl alcohol	**	~	NS	NS	NS	~
Total VOCs 8260B	NA	~	32.66 J	71.36 J	7.5	~
SVOCs 8270C						
Acenaphthene	20	~	ND<5.0	ND<5.0	ND<5.0	~
Acenaphthylene	20	~	ND<5.0	ND<5.0	ND<5.0	~
Anthracene	50	~	ND<5.0	ND<5.0	ND<5.0	~
Benzo (a) anthracene	0.002	~	ND<5.0	ND<5.0	ND<5.0	~
Benzo (a) pyrene	0.002	~	ND<5.0	ND<5.0	ND<5.0	~
Benzo (b) fluoranthene	0.002	~	ND<5.0	ND<5.0	ND<5.0	~
Benzo (g,h,i) perylene	0.002	~	ND<5.0	ND<5.0	ND<5.0	~
Benzo (k) fluoranthene	0.002	~	ND<5.0	ND<5.0	ND<5.0	~
Chrysene	0.002	~	ND<5.0	ND<5.0	ND<5.0	~
Dibenz (a,h) anthracene	50	~	ND<5.0	ND<5.0	ND<5.0	~
Fluoranthene	50	~	ND<5.0	ND<5.0	ND<5.0	~
Fluorene	50	~	ND<5.0	ND<5.0	ND<5.0	~
Ideno (1,2,3-c,d) pyrene	0.002	~	ND<5.0	ND<5.0	ND<5.0	~
Naphthalene	10	~	ND<5.0	49	.97 J	~
Phenanthrene	50	~	ND<5.0	0.45 J B	ND<5.0	~
Pyrene	50	~	ND<5.0	ND<5.0	ND>5.0	~
Total SVOCs 8270C	NA	~	ND	49.45 J B	0.97 J	~

Notes:

All concentrations are reported in ug/L

ND< = not detected above method detection limits

BOLD = compound detection exceeds NYSDEC TOGS 1.1.1 Guidance Values

J = Results is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

(9.65) = Depth to water

FIGURE
Site Map

DRAFT



LEGEND

- PROPERTY BOUNDARY
- x — 6 FT WOODEN STOCKADE FENCE
- o — 4 FT CHAIN LINK FENCE
- ⊙ MONITORING WELL
- ⊙ DESTROYED MONITORING WELL
- W — UNDERGROUND WATER LINE

WELL ID	WELL IDENTIFICATION
DEPTH TO WATER (ftbg)	DEPTH TO WATER (FEET BELOW GRADE)
EXCEEDS NYSDEC TOGS	ANALYTE IN EXCEEDANCE OF NYSDEC TOGS 1.1.1 GWQS
1.1.1 GWQS	

MW-2A
9.31
mp-Xylene
o-Xylene
Total Xylene
1,2,4-Trimethylbenzene
Naphthalene

MW SBA-04
6.21
Benzene
Ethylbenzene
Isopropylbenzene
n-Propylbenzene

MW-4
DRY

MW-3A
7.73
No Exceedence

DRAFT

DRAFTED BY: E.M.E. (N.J.)	GROUNDWATER EXCEEDANCE MAP SEPTEMBER 12, 2013		
CHECKED BY:	NYSDEC 107 SOUTH MAIN STREET DOLGEVILLE, NEW YORK		
REVIEWED BY:	Groundwater & Environmental Services, Inc. 300 GATEWAY PARK DRIVE, NORTH SYRACUSE, NY 13212		
NORTH 	SCALE IN FEET 0 APPROXIMATE 50	DATE 11-6-13	FIGURE

LABORATORY ANALYTICAL DATA

September 12, 2013

DRAFT

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-29761-1

Client Project/Site: Former Jones/Day Prop #0809486 PIN
H1300

For:

New York State D.E.C.

317 Washington Street

Watertown, New York 13601

Attn: Peter S Ouderkirk

DRAFT

Authorized for release by:

12/17/2012 3:50:25 PM

Joe Giacomazza

Project Administrator

joe.giacomazza@testamericainc.com

Designee for

Sally Hoffman

Project Manager II

sally.hoffman@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

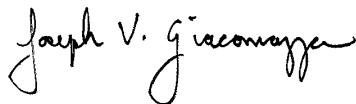
The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Administrator
12/17/2012 3:50:25 PM

DRAFT



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16

DRAFT

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Former Jones/Day Prop #0809486 PIN H1300

TestAmerica Job ID: 480-29761-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

DRAFT

Case Narrative

Client: New York State D.E.C.
Project/Site: Former Jones/Day Prop #0809486 PIN H1300

TestAmerica Job ID: 480-29761-1

Job ID: 480-29761-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-29761-1

Receipt

The samples were received on 12/7/2012 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

GC/MS VOA

Method 8260B: The following sample submitted for volatiles analysis was received with insufficient preservation (pH >2): MW-2A (480-29761-3).

Method 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-2A (480-29761-3). Elevated reporting limits (RLs) are provided.

Method 8260B: The following sample submitted for volatiles analysis were received with insufficient preservation (pH >2): MW-2A (480-29761-3).

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 8270C: The following sample contained one acid and/or one base surrogate outside acceptance limits: MW-2A (480-29761-3). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270C: The following sample contained one base surrogate outside acceptance limits: Linde Effluent (480-29805-1). The laboratory's SOP allows one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. This result has been reported and qualified.

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

DRAFT

Client Sample Results

Client: New York State D.E.C.
Project/Site: Former Jones/Day Prop #0809486 PIN H1300

TestAmerica Job ID: 480-29761-1

Client Sample ID: MW SBA-03

Date Collected: 12/06/12 11:40

Date Received: 12/07/12 08:00

Lab Sample ID: 480-29761-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			12/14/12 12:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/14/12 12:43	1
Toluene	ND		1.0	0.51	ug/L			12/14/12 12:43	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			12/14/12 12:43	1
o-Xylene	ND		1.0	0.76	ug/L			12/14/12 12:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/14/12 12:43	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/14/12 12:43	1
N-Propylbenzene	ND		1.0	0.69	ug/L			12/14/12 12:43	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			12/14/12 12:43	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			12/14/12 12:43	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			12/14/12 12:43	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/14/12 12:43	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/14/12 12:43	1
Naphthalene	ND		1.0	0.43	ug/L			12/14/12 12:43	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/14/12 12:43	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/14/12 12:43	1
t-Butyl alcohol	ND		20	14	ug/L			12/14/12 12:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		12/14/12 12:43	1
Toluene-d8 (Surr)	97		71 - 126		12/14/12 12:43	1
4-Bromofluorobenzene (Surr)	96				12/14/12 12:43	1

DRAFT

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		6.0	0.49	ug/L		12/11/12 06:13	12/13/12 15:29	1
Acenaphthylene	ND		6.0	0.46	ug/L		12/11/12 06:13	12/13/12 15:29	1
Anthracene	ND		6.0	0.34	ug/L		12/11/12 06:13	12/13/12 15:29	1
Benzo(a)anthracene	ND		6.0	0.43	ug/L		12/11/12 06:13	12/13/12 15:29	1
Benzo(a)pyrene	ND		6.0	0.57	ug/L		12/11/12 06:13	12/13/12 15:29	1
Benzo(b)fluoranthene	ND		6.0	0.41	ug/L		12/11/12 06:13	12/13/12 15:29	1
Benzo(g,h,i)perylene	ND		6.0	0.42	ug/L		12/11/12 06:13	12/13/12 15:29	1
Benzo(k)fluoranthene	ND		6.0	0.88	ug/L		12/11/12 06:13	12/13/12 15:29	1
Chrysene	ND		6.0	0.40	ug/L		12/11/12 06:13	12/13/12 15:29	1
Dibenz(a,h)anthracene	ND		6.0	0.51	ug/L		12/11/12 06:13	12/13/12 15:29	1
Fluoranthene	ND		6.0	0.48	ug/L		12/11/12 06:13	12/13/12 15:29	1
Fluorene	ND		6.0	0.43	ug/L		12/11/12 06:13	12/13/12 15:29	1
Indeno(1,2,3-cd)pyrene	ND		6.0	0.57	ug/L		12/11/12 06:13	12/13/12 15:29	1
Naphthalene	ND		6.0	0.91	ug/L		12/11/12 06:13	12/13/12 15:29	1
Phenanthrene	ND		6.0	0.53	ug/L		12/11/12 06:13	12/13/12 15:29	1
Pyrene	ND		6.0	0.41	ug/L		12/11/12 06:13	12/13/12 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		52 - 132	12/11/12 06:13	12/13/12 15:29	1
2-Fluorophenol	35		20 - 120	12/11/12 06:13	12/13/12 15:29	1
2-Fluorobiphenyl	74		48 - 120	12/11/12 06:13	12/13/12 15:29	1
Phenol-d5	26		16 - 120	12/11/12 06:13	12/13/12 15:29	1
p-Terphenyl-d14	83		67 - 150	12/11/12 06:13	12/13/12 15:29	1
Nitrobenzene-d5	66		46 - 120	12/11/12 06:13	12/13/12 15:29	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Former Jones/Day Prop #0809486 PIN H1300

TestAmerica Job ID: 480-29761-1

Client Sample ID: MW SBA-04

Date Collected: 12/06/12 11:55

Date Received: 12/07/12 08:00

Lab Sample ID: 480-29761-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			12/14/12 13:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/14/12 13:05	1
Toluene	ND		1.0	0.51	ug/L			12/14/12 13:05	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			12/14/12 13:05	1
o-Xylene	ND		1.0	0.76	ug/L			12/14/12 13:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/14/12 13:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/14/12 13:05	1
N-Propylbenzene	ND		1.0	0.69	ug/L			12/14/12 13:05	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			12/14/12 13:05	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			12/14/12 13:05	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			12/14/12 13:05	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/14/12 13:05	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/14/12 13:05	1
Naphthalene	ND		1.0	0.43	ug/L			12/14/12 13:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/14/12 13:05	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/14/12 13:05	1
t-Butyl alcohol	ND		20	14	ug/L			12/14/12 13:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		12/14/12 13:05	1
Toluene-d8 (Surr)	96		71 - 126		12/14/12 13:05	1
4-Bromofluorobenzene (Surr)	94				12/14/12 13:05	1

DRAFT

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.5	0.45	ug/L		12/11/12 06:13	12/13/12 15:52	1
Acenaphthylene	ND		5.5	0.42	ug/L		12/11/12 06:13	12/13/12 15:52	1
Anthracene	ND		5.5	0.31	ug/L		12/11/12 06:13	12/13/12 15:52	1
Benzo(a)anthracene	ND		5.5	0.39	ug/L		12/11/12 06:13	12/13/12 15:52	1
Benzo(a)pyrene	ND		5.5	0.51	ug/L		12/11/12 06:13	12/13/12 15:52	1
Benzo(b)fluoranthene	ND		5.5	0.37	ug/L		12/11/12 06:13	12/13/12 15:52	1
Benzo(g,h,i)perylene	ND		5.5	0.38	ug/L		12/11/12 06:13	12/13/12 15:52	1
Benzo(k)fluoranthene	ND		5.5	0.80	ug/L		12/11/12 06:13	12/13/12 15:52	1
Chrysene	ND		5.5	0.36	ug/L		12/11/12 06:13	12/13/12 15:52	1
Dibenz(a,h)anthracene	ND		5.5	0.46	ug/L		12/11/12 06:13	12/13/12 15:52	1
Fluoranthene	ND		5.5	0.44	ug/L		12/11/12 06:13	12/13/12 15:52	1
Fluorene	ND		5.5	0.39	ug/L		12/11/12 06:13	12/13/12 15:52	1
Indeno(1,2,3-cd)pyrene	ND		5.5	0.51	ug/L		12/11/12 06:13	12/13/12 15:52	1
Naphthalene	ND		5.5	0.83	ug/L		12/11/12 06:13	12/13/12 15:52	1
Phenanthrene	ND		5.5	0.48	ug/L		12/11/12 06:13	12/13/12 15:52	1
Pyrene	ND		5.5	0.37	ug/L		12/11/12 06:13	12/13/12 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	106		52 - 132	12/11/12 06:13	12/13/12 15:52	1
2-Fluorophenol	36		20 - 120	12/11/12 06:13	12/13/12 15:52	1
2-Fluorobiphenyl	80		48 - 120	12/11/12 06:13	12/13/12 15:52	1
Phenol-d5	27		16 - 120	12/11/12 06:13	12/13/12 15:52	1
p-Terphenyl-d14	82		67 - 150	12/11/12 06:13	12/13/12 15:52	1
Nitrobenzene-d5	71		46 - 120	12/11/12 06:13	12/13/12 15:52	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Former Jones/Day Prop #0809486 PIN H1300

TestAmerica Job ID: 480-29761-1

Client Sample ID: MW-2A

Date Collected: 12/06/12 11:00

Date Received: 12/07/12 08:00

Lab Sample ID: 480-29761-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	8.9		1.0	0.41	ug/L			12/14/12 13:28	1
Toluene	81		1.0	0.51	ug/L			12/14/12 13:28	1
Isopropylbenzene	22		1.0	0.79	ug/L			12/14/12 13:28	1
N-Propylbenzene	40		1.0	0.69	ug/L			12/14/12 13:28	1
4-Isopropyltoluene	9.7		1.0	0.31	ug/L			12/14/12 13:28	1
1,3,5-Trimethylbenzene	91		1.0	0.77	ug/L			12/14/12 13:28	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/14/12 13:28	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/14/12 13:28	1
Naphthalene	60		1.0	0.43	ug/L			12/14/12 13:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/14/12 13:28	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/14/12 13:28	1
t-Butyl alcohol	ND		20	14	ug/L			12/14/12 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		12/14/12 13:28	1
Toluene-d8 (Surr)	85		71 - 126		12/14/12 13:28	1
4-Bromofluorobenzene (Surr)	87		73 - 120		12/14/12 13:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	170		4.0	3.0	ug/L			12/15/12 15:06	4
m-Xylene & p-Xylene	500		4.0	2.6	ug/L			12/15/12 15:06	4
o-Xylene	150		4.0	3.0	ug/L			12/15/12 15:06	4
Xylenes, Total	650		4.0	2.6	ug/L			12/15/12 15:06	4
1,2,4-Trimethylbenzene	270		4.0	3.0	ug/L			12/15/12 15:06	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		12/15/12 15:06	4
Toluene-d8 (Surr)	109		71 - 126		12/15/12 15:06	4
4-Bromofluorobenzene (Surr)	103		73 - 120		12/15/12 15:06	4

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.6	0.46	ug/L		12/11/12 06:13	12/13/12 16:15	1
Acenaphthylene	ND		5.6	0.42	ug/L		12/11/12 06:13	12/13/12 16:15	1
Anthracene	ND		5.6	0.31	ug/L		12/11/12 06:13	12/13/12 16:15	1
Benzo(a)anthracene	ND		5.6	0.40	ug/L		12/11/12 06:13	12/13/12 16:15	1
Benzo(a)pyrene	ND		5.6	0.52	ug/L		12/11/12 06:13	12/13/12 16:15	1
Benzo(b)fluoranthene	ND		5.6	0.38	ug/L		12/11/12 06:13	12/13/12 16:15	1
Benzo(g,h,i)perylene	ND		5.6	0.39	ug/L		12/11/12 06:13	12/13/12 16:15	1
Benzo(k)fluoranthene	ND		5.6	0.81	ug/L		12/11/12 06:13	12/13/12 16:15	1
Chrysene	ND		5.6	0.37	ug/L		12/11/12 06:13	12/13/12 16:15	1
Dibenz(a,h)anthracene	ND		5.6	0.47	ug/L		12/11/12 06:13	12/13/12 16:15	1
Fluoranthene	ND		5.6	0.45	ug/L		12/11/12 06:13	12/13/12 16:15	1
Fluorene	ND		5.6	0.40	ug/L		12/11/12 06:13	12/13/12 16:15	1
Indeno(1,2,3-cd)pyrene	ND		5.6	0.52	ug/L		12/11/12 06:13	12/13/12 16:15	1
Naphthalene	81		5.6	0.85	ug/L		12/11/12 06:13	12/13/12 16:15	1
Phenanthrene	4.7 J		5.6	0.49	ug/L		12/11/12 06:13	12/13/12 16:15	1
Pyrene	ND		5.6	0.38	ug/L		12/11/12 06:13	12/13/12 16:15	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Former Jones/Day Prop #0809486 PIN H1300

TestAmerica Job ID: 480-29761-1

Client Sample ID: MW-2A

Date Collected: 12/06/12 11:00

Date Received: 12/07/12 08:00

Lab Sample ID: 480-29761-3

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	113		52 - 132	12/11/12 06:13	12/13/12 16:15	1
2-Fluorophenol	49		20 - 120	12/11/12 06:13	12/13/12 16:15	1
2-Fluorobiphenyl	90		48 - 120	12/11/12 06:13	12/13/12 16:15	1
Phenol-d5	36		16 - 120	12/11/12 06:13	12/13/12 16:15	1
p-Terphenyl-d14	73		67 - 150	12/11/12 06:13	12/13/12 16:15	1
Nitrobenzene-d5	123	X	46 - 120	12/11/12 06:13	12/13/12 16:15	1

DRAFT

Client Sample Results

Client: New York State D.E.C.
Project/Site: Former Jones/Day Prop #0809486 PIN H1300

TestAmerica Job ID: 480-29761-1

Client Sample ID: MW-3A

Date Collected: 12/06/12 11:15

Date Received: 12/07/12 08:00

Lab Sample ID: 480-29761-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			12/14/12 13:51	1
Ethylbenzene	2.5		1.0	0.74	ug/L			12/14/12 13:51	1
Toluene	ND		1.0	0.51	ug/L			12/14/12 13:51	1
m-Xylene & p-Xylene	1.3	J	2.0	0.66	ug/L			12/14/12 13:51	1
o-Xylene	ND		1.0	0.76	ug/L			12/14/12 13:51	1
Xylenes, Total	1.3	J	2.0	0.66	ug/L			12/14/12 13:51	1
Isopropylbenzene	5.6		1.0	0.79	ug/L			12/14/12 13:51	1
N-Propylbenzene	10		1.0	0.69	ug/L			12/14/12 13:51	1
4-Isopropyltoluene	1.7		1.0	0.31	ug/L			12/14/12 13:51	1
1,2,4-Trimethylbenzene	11		1.0	0.75	ug/L			12/14/12 13:51	1
1,3,5-Trimethylbenzene	2.7		1.0	0.77	ug/L			12/14/12 13:51	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/14/12 13:51	1
sec-Butylbenzene	5.2		1.0	0.75	ug/L			12/14/12 13:51	1
Naphthalene	0.54	J	1.0	0.43	ug/L			12/14/12 13:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/14/12 13:51	1
tert-Butylbenzene	0.96	J	1.0	0.81	ug/L			12/14/12 13:51	1
t-Butyl alcohol	ND		20	14	ug/L			12/14/12 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		12/14/12 13:51	1
Toluene-d8 (Surr)	91		71 - 126		12/14/12 13:51	1
4-Bromofluorobenzene (Surr)	92				12/14/12 13:51	1

DRAFT

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.6	0.46	ug/L		12/11/12 06:13	12/13/12 16:39	1
Acenaphthylene	ND		5.6	0.43	ug/L		12/11/12 06:13	12/13/12 16:39	1
Anthracene	ND		5.6	0.31	ug/L		12/11/12 06:13	12/13/12 16:39	1
Benzo(a)anthracene	ND		5.6	0.40	ug/L		12/11/12 06:13	12/13/12 16:39	1
Benzo(a)pyrene	ND		5.6	0.53	ug/L		12/11/12 06:13	12/13/12 16:39	1
Benzo(b)fluoranthene	ND		5.6	0.38	ug/L		12/11/12 06:13	12/13/12 16:39	1
Benzo(g,h,i)perylene	ND		5.6	0.39	ug/L		12/11/12 06:13	12/13/12 16:39	1
Benzo(k)fluoranthene	ND		5.6	0.82	ug/L		12/11/12 06:13	12/13/12 16:39	1
Chrysene	ND		5.6	0.37	ug/L		12/11/12 06:13	12/13/12 16:39	1
Dibenz(a,h)anthracene	ND		5.6	0.47	ug/L		12/11/12 06:13	12/13/12 16:39	1
Fluoranthene	ND		5.6	0.45	ug/L		12/11/12 06:13	12/13/12 16:39	1
Fluorene	ND		5.6	0.40	ug/L		12/11/12 06:13	12/13/12 16:39	1
Indeno(1,2,3-cd)pyrene	ND		5.6	0.53	ug/L		12/11/12 06:13	12/13/12 16:39	1
Naphthalene	ND		5.6	0.85	ug/L		12/11/12 06:13	12/13/12 16:39	1
Phenanthrene	ND		5.6	0.49	ug/L		12/11/12 06:13	12/13/12 16:39	1
Pyrene	ND		5.6	0.38	ug/L		12/11/12 06:13	12/13/12 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		52 - 132	12/11/12 06:13	12/13/12 16:39	1
2-Fluorophenol	47		20 - 120	12/11/12 06:13	12/13/12 16:39	1
2-Fluorobiphenyl	87		48 - 120	12/11/12 06:13	12/13/12 16:39	1
Phenol-d5	35		16 - 120	12/11/12 06:13	12/13/12 16:39	1
p-Terphenyl-d14	80		67 - 150	12/11/12 06:13	12/13/12 16:39	1
Nitrobenzene-d5	91		46 - 120	12/11/12 06:13	12/13/12 16:39	1

TestAmerica Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Former Jones/Day Prop #0809486 PIN H1300

TestAmerica Job ID: 480-29761-1

Client Sample ID: MW SBA-03

Date Collected: 12/06/12 11:40

Date Received: 12/07/12 08:00

Lab Sample ID: 480-29761-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	95802	12/14/12 12:43	TRF	TAL BUF
Total/NA	Prep	3510C			831.3 mL	1 mL	95126	12/11/12 06:13	TR	TAL BUF
Total/NA	Analysis	8270C		1			95606	12/13/12 15:29	RMM	TAL BUF

Client Sample ID: MW SBA-04

Date Collected: 12/06/12 11:55

Date Received: 12/07/12 08:00

Lab Sample ID: 480-29761-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	95802	12/14/12 13:05	TRF	TAL BUF
Total/NA	Prep	3510C			915.6 mL	1 mL	95126	12/11/12 06:13	TR	TAL BUF
Total/NA	Analysis	8270C		1			95606	12/13/12 15:52	RMM	TAL BUF

Client Sample ID: MW-2A

Date Collected: 12/06/12 11:00

Date Received: 12/07/12 08:00

Lab Sample ID: 480-29761-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	95802	12/14/12 13:28	TRF	TAL BUF
Total/NA	Analysis	8260B	DL	4	5 mL	5 mL	95982	12/15/12 15:06	RL	TAL BUF
Total/NA	Prep	3510C			896.6 mL	1 mL	95126	12/11/12 06:13	TR	TAL BUF
Total/NA	Analysis	8270C		1			95606	12/13/12 16:15	RMM	TAL BUF

Client Sample ID: MW-3A

Date Collected: 12/06/12 11:15

Date Received: 12/07/12 08:00

Lab Sample ID: 480-29761-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	95802	12/14/12 13:51	TRF	TAL BUF
Total/NA	Prep	3510C			893.1 mL	1 mL	95126	12/11/12 06:13	TR	TAL BUF
Total/NA	Analysis	8270C		1			95606	12/13/12 16:39	RMM	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TestAmerica Buffalo

Certification Summary

Client: New York State D.E.C.

TestAmerica Job ID: 480-29761-1

Project/Site: Former Jones/Day Prop #0809486 PIN H1300

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAC	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAC	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAC	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAC	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAC	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	NY00044	03-31-13
Massachusetts	State Program	1	NY00044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAC	5	036-999-337	12-31-12
New Hampshire	NELAC	1	2973	09-11-13
New Hampshire	NELAC	1	2337	11-17-13
New Jersey	NELAC	2	NY455	06-30-13
New York	NELAC	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAC	10	NY200003	06-09-13
Pennsylvania	NELAC	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAC	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAC	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

DRAFT

Method Summary

Client: New York State D.E.C.

TestAmerica Job ID: 480-29761-1

Project/Site: Former Jones/Day Prop #0809486 PIN H1300

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

DRAFT

Sample Summary

Client: New York State D.E.C.

TestAmerica Job ID: 480-29761-1

Project/Site: Former Jones/Day Prop #0809486 PIN H1300

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-29761-1	MW SBA-03	Water	12/06/12 11:40	12/07/12 08:00
480-29761-2	MW SBA-04	Water	12/06/12 11:55	12/07/12 08:00
480-29761-3	MW-2A	Water	12/06/12 11:00	12/07/12 08:00
480-29761-4	MW-3A	Water	12/06/12 11:15	12/07/12 08:00

DRAFT

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-29761-1

Login Number: 29761

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ges
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

DRAFT