Aztech Technologies, Inc.

Site Status Report and Pilot Test Workplan

Jack's Drycleaners Site

Site No. 734112

Village of Brewerton
Town of Cicero
Onondaga County
New York

March 18, 2016

Prepared for:
New York State Department of Environmental Conservation
615 Erie Boulevard West
Syracuse, NY 13204-2400
Attn.: Stephanie Fitzgerald

REMEDIATION SOLUTIONS

ENVIRONMENTAL CONSULTING

DRILLING APPLICATIONS

5 McCrea Hill Road
Ballston Spa, NY 12020
p 518.885.5383
f 518.885.5385

aztechtech.com

TABLE OF CONTENTS

1.0 Introduction 1

2.0 Background 1

3.0 Groundwater Monitoring 2

3.1 Monitoring Well Gauging 2

3.2 Low-Flow Groundwater Sampling 2

4.0 Pilot Test Work Plan 4

4.1 Scope 4

4.2 Overburden Injection Pilot Test Well Installations 5

4.2.1 Overburden Pilot Test Injection Methods & Data Collection 6

4.3 Bedrock Pilot Test Injection Well Installation 6

4.4 Bedrock Pilot Test Injection Methods & Data Collection 7

4.5 Direct Push Injection Point Evaluation 7

5.0 SUMMARY 8

APPENDICES

- **A - *Figures***
  1. Site Location Map
  2. Site Map
  3. Overburden Groundwater Elevation Map
  4. Bedrock Groundwater Elevation Map
  5. Selected Chlorinated Solvents in Overburden Groundwater
  6. Selected Chlorinated Solvents in Bedrock Groundwater
  7. Pilot Test Injection Well Layout
  8. Pilot Test Well Construction Details

- **B - *Tables***
  1. Groundwater Elevation Summary Table
  2. Low- Flow Sampling Final Water Quality Parameters
  3. Groundwater Analytical Summary Table

- **C - *Field Work Documentation***
  1. Groundwater Quality Parameters/Sample Collection – Field Logs

- **D - *Analytical Data***
  1. Groundwater

1.0 Introduction

Aztech Environmental Technologies (Aztech), was contacted by the New York State Department of Environmental Conservation (NYSDEC) to perform an enhanced bio-remediation application at the Jacks Drycleaner site. Prior to a full scale application, an injection pilot test investigation is proposed.

The purpose of the pilot test investigation is to assess and quantify the parameters under which the site's overburden and bedrock formations may accept the application of enhanced anaerobic bioremediation substrates through varied injection techniques. The following sections contain a work plan, presenting the injection methodologies to be employed and data collection objectives of the pilot study.

Additionally, the most recent groundwater monitoring data collected between October 19 and 21, 2015 is summarized to provide a current status report of the site.

2.0 Background

The site is located at 9628 Brewerton Road in the Village of Brewerton, Town of Cicero, Onondaga County, New York (**Appendix A. Figure 1 – Site Location Map**). The general topography is flat with a slight downward gradient to the east-southeast. The Oneida River is located approximately 1,000 feet northeast of the site.

Surrounding site use along Brewerton Road is primarily commercial. The immediate area east and southeast of Jack's Drycleaners consists of low-lying wet areas, open grassy areas and wooded land. A residential area is located further to the east and southeast.

Previous investigations at the site identified a chlorinated volatile organic compound (CVOC) groundwater contamination plume originating from a septic system located behind the drycleaner building and extending approximately 500 feet to the southeast. The CVOC plume has been identified in the overburden soil and the bedrock at the site.

The site has been determined through feasibility studies to be a potential candidate for enhanced bioremediation. Historical groundwater data from the site demonstrates that natural attenuation by microbial de-chlorination at the site has occurred. However, due to the current lack of available electron donors and moderate anaerobic conditions at the site, complete de-chlorination of the site is unlikely to occur without groundwater conditioning enhancements and bioaugmentation.

Additional site background information and enhanced bioremediation feasibility findings can be found in the following documents:

- *Pre-Remedial Investigation Report*, prepared by Aztech, April 2013
- *Feasibility Study (734112), prepared by EA Engineering, P.C., May 2012*

3.0 Groundwater Monitoring

3.1 Monitoring Well Gauging

Between October 19 and 21, 2012, Aztech field technicians mobilized to the site (**Figure 2 – Site Map**) to gauge, purge and to conduct low-flow sampling on fifteen (19) monitoring wells. Prior to sample collection, selected monitoring wells were gauged to determine the depth to groundwater. Gauging was conducted utilizing a Solonist® water level probe capable of readings to one one-hundredth of a foot (0.01'). Gauging included 13 overburden monitoring wells (MW-1R, MW-2, MW-5, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16 and MW-17) and six (6) bedrock wells (MW-10BR, MW-13, MW-14BR, MW-15BR, MW-16BR and MW-17BR).

Overburden depths to groundwater ranged from 2.85 (MW-1R) feet below grade (fbg) to 13.92 fbg (MW-17). Overburden depth to water averaged 5.60 fbg. Bedrock depths to water ranged from 4.03 fbg (MW-13) to 12.65 fbg (MW-16BR). Bedrock groundwater averaged 7.35 fbg. Site data indicates strong hydraulic communication between the overburden and bedrock.

Groundwater elevations were subsequently calculated by subtracting the depth to water from the respective top of casing elevation. The overburden groundwater flow in October 2015 was toward the southeast and the bedrock groundwater flow was toward the east with a northward component. The October 2015 groundwater flow data is consistent with historical data collected at the site. Monitoring well gauging data is presented in the **Table 1 - Appendix B**. Groundwater elevation maps for bedrock and overburden wells are attached as **Figures 3 & 4**.

3.2 Low-Flow Groundwater Sampling

Between October 19 and 21, 2015 Aztech conducted low-flow sampling of 13 overburden monitoring wells and six (6) bedrock wells. Purging occurred at a sustainable rate that minimized drawdown and stabilized the water table. In accordance with the previous low-flow sampling events at the site, purging should not exceed 250 mL/min and drawdown could not exceed more than 0.3 feet throughout the purge. Each monitoring well was purged using a peristaltic pump with dedicated polyethylene and silicone tubing until water quality parameters stabilized and groundwater turbidity reached less than 50 nephelometric turbidity units

(NTU's). This occurred at all monitoring wells, with the exception of MW-7, MW-10BR, MW-14, MW-15BR, MW-16, MW-17 and MW-17BR. Turbidity readings ranged from 50 to 90 NTU's at the time these wells were sampled. Field sampling records and water quality parameters collected during purging are included as part of **Appendix C**.

Purge water was analyzed using a Horiba U52 water quality meter, outfitted with a flow thru cell. Water quality parameters (temperature, pH, specific conductivity, oxidation reduction potential [ORP], dissolved oxygen and turbidity) were measured in real time and recorded throughout the well purging process and immediately prior to sample collection. The final water quality parameter readings of each well, prior to sample collection are detailed below in **Table 2**.

Table 2 – Low- Flow Sampling Final Water Quality Parameters – October 2015

MW ID	Temperature (Celsius)	pH	Specific Conductivity (mS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
MW-1R	15.16	6.71	0.34	-41	0.42	23.6
MW-2	16.15	7.72	0.72	194	1.94	4.5
MW-5	18.59	7.47	1.51	-93	0.75	26.7
MW-6	12.35	7.06	1.03	-114	0.51	23.7
MW-7	11.43	7.09	1.16	-26	0.68	54.4
MW-9	14.67	7.00	1.72	4	0.30	27.2
MW-10	11.12	7.13	4.07	-18	0.08	36.0
MW-10BR	12.20	6.94	0.94	70	1.11	87.8
MW-11	13.22	6.12	0.48	-9	0.59	27.6
MW-12	12.31	7.41	0.84	20	1.05	30.5
MW-13	13.18	7.21	1.02	68	0.00	0.0
MW-14	11.15	7.29	1.00	-47	0.00	83.6
MW-14BR	10.96	7.34	1.15	-86	5.15	0.0
MW-15	12.22	7.67	0.401	90	5.00	22.6
MW-15BR	11.41	7.30	1.63	-52	0.40	79.8
MW-16	11.39	7.83	0.48	99	2.93	76.4
MW-16BR	11.58	7.76	0.53	120	1.43	0.0
MW-17	13.23	7.27	0.91	114	1.47	92.7
MW-17BR	12.73	7.93	0.47	34	0.77	97.4

Groundwater samples were collected subsequent to purging. Samples were transferred into laboratory provided containers and stored on ice. Samples were transported under chain of custody for analysis to Test America, located in Buffalo, New York (NELAC – NY455). The samples were analyzed for VOCs via EPA Method 8260.

A summary of laboratory analytical results is presented below; refer to the Ground Water Analytical Summary Table (**Table 3 - Appendix B**) for details on individual monitoring wells and analysis results. VOC distribution maps of select chlorinated solvents within the overburden and bedrock are presented in **Figures 5** and **Figure 6**, respectively.

- Volatile organic compounds were detected within groundwater samples collected from MW-1R. MW-2, MW-5, MW-7, MW-9, MW-10, MW-12, MW-13, MW-14, MW-15 and MW-17BR.
- No VOCs were detected in the groundwater samples collected from monitoring wells MW-6, MW-10BR, MW-11, MW-16, MW-16BR, and MW-17.
- Tetrachloroethene (PCE) was detected in 11 of the groundwater samples submitted. Concentrations ranged from 0.5 ppb in MW-15 to 6,400 ppb in MW-13.
- Trichloroethene (TCE) was detected in nine (9) of the groundwater samples submitted. Concentrations ranged from 4.7 ppb in MW-14 to 1,100 ppb in MW-13.
- The compound cis 1,2-Dichloroethene was detected in nine (9) of the groundwater samples submitted. Concentrations ranged from 2.6 ppb in MW-2 to 1,100 ppb in MW-13. Cis 1,2-dichloroethene is a dechlorination byproduct of PCE and TCE.
- Vinyl Chloride was detected above the laboratory reporting limit in the groundwater samples collected from monitoring wells MW-14BR and MW-15BR in concentration of 4.8 ppb and 24 ppn, respectively.
- Total VOCs reported in the groundwater samples collected ranged from 0.5 ppb in MW-15 to 8,600 ppb in MW-13.

4.0 Pilot Test Work Plan

4.1 Scope

A small scale injection pilot test will be completed at the site to further assess and quantify the formation's ability to accept an enhanced anaerobic bioremediation solution and to refine the

development of a full scale injection plan. The objective of the pilot testing is to collect performance data from:

- One (1) overburden injection well;
- One (1) bedrock injection well that are representative of the sites geologic formation, and:
- Two (2) direct push injection technology temporary injection points

Proposed pilot test injection locations are presented on **Figure 7**.

The goal of the pilot test program is to determine optimal injection pressures, flow rates and radii of influence. One (1)-inch diameter piezometer wells will be installed at select locations to determine the radii of influence and to monitoring real-time changes in groundwater parameters during the pilot test.

4.2 Overburden Injection Pilot Test Well Installations

One (1) overburden injection well will be installed in the vicinity of existing monitoring well MW-7. This location presents easy access and is representative of overburden soils throughout the site. This well will be advanced to refusal in the weathered bedrock using 4¼-inch diameter hollow stem augers. The anticipated terminal depth is approximately 20 fbg. The well will be constructed with 10 feet of 2-inch diameter 20-slot schedule 40 PVC well screen and riser to the surface. Filter pack sand consisting of #0 sand will be installed a minimum of one (1) foot above the screened section and sealed with two (2) feet of bentonite. Neat cement grout will be placed above the bentonite seal to the surface. The top of the well casing will be fitted with a male camlock fitting and completed with a flush mount steel roadbox.

Four (4) additional 1-inch diameter piezometers will be installed at distances of 5, 10, 15 and 20 feet hydraulically lateral from the overburden injection well. These piezometers will be used to collect pressure and groundwater parameter data during the pilot testing. The piezometers will be installed using direct push drilling techniques with 2¼-inch diameter casing and disposable hard points. Each piezometer will be installed to the same terminal depth as the overburden injection well (~20 fbg.) and will be constructed with 15 feet of 1-inch diameter 10-slot schedule 40 PVC well screen and riser to the surface. The well screen annulus will be filled with #0 filter pack sand a minimum of one (1) foot above the screened section and sealed with two (2) feet of bentonite. Construction details of the injection wells and piezometers are presented on **Figure 8**.

4.2.1 Overburden Pilot Test Injection Methods & Data Collection

Prior to overburden injection testing, the well will be developed to remove particulates, improve communication with the surrounding aquifer and maximize injection capability. Well development will consist of purging a minimum of ten (10) well volumes and surging the screened portion of the well. The well will be allowed to stabilize prior to injection testing for one (1) week after development.

Injection testing of the overburden well will consist of injecting a mixture of water and emulsified vegetable oil (EVO) under various pressures and flow rates to determine potential full scale parameters. The EVO will be diluted onsite with water at a ratio of 1:20 to create a 5% EVO solution. A Dosatron inline dilutor, capable of mixing 20 gallons per minute, will be manifolded to the injection wellhead to achieve direct injection to the overburden formation. The injection system components will include an injection pump, pipe manifolds, water tank, pressure relief valves, pressure gauges and a flowmeter. The EVO solution will be injected at varying rates to determine the optimal pressure, flow rate and volume that can be delivered before the well "dead heads" or fails by short circuiting to the surface.

Radii of influence will be determined by monitoring for changes in water level and specific conductivity in the piezometers. Prior to the overburden injection testing, each piezometer will be fitted with a digital water-level troll capable of monitoring well head pressure and specific conductivity. The water-level trolls will be allowed to run 24 hrs prior to the start injection testing, during the injection and 24 hrs following injection completion. This will provide real time data for the injection pressure wave and the effective radius of influence of the 5% EVO solution. Groundwater within the piezometers will be visually inspected at the completion of the pilot test for the presence of diluted EVO. EVO can be visually observed at concentrations as low as 50 ppm.

4.3 Bedrock Pilot Test Injection Well Installation

One (1) bedrock injection well will be installed within 20 feet of the existing bedrock monitoring well MW-13 (Figure 7). The well will be installed approximately 10 feet into the weather bedrock by advancing 4¼-inch diameter augers to refusal and then boring into the rock through the augers with a 3⅞-inch roller bit. The well will be constructed with seven (7) feet of 2-inch diameter 20-slot schedule 40 PVC well screen and riser to the surface. Number #0 filter pack sand will be installed a minimum of one (1) foot above the screened section and sealed with two (2) feet of bentonite. Neat cement grout will be placed above the bentonite seal to the surface.

4.4 Bedrock Pilot Test Injection Methods & Data Collection

The bedrock well will be developed and allowed to stabilize prior to injection testing using the methods described in the previous section. Piezometer will not be used during injection testing of the bedrock well. However, a water-level troll may be deployed in monitoring well MW-13 during the injection testing. Injection testing of the bedrock well will follow the same procedure as described for the overburden well. A 5% EVO solution will be injected at varying rates to determine the optimal pressure, flow rate and volume that can be delivered to the well.

4.5 Direct Push Injection Point Evaluation

The pilot test will also include testing temporary direct push injection points. Temporary injection points may be a method employed during a full scale site injection event. The points could potentially serve as a cost effective method for delivering enhanced anaerobic bioremediation solution to higher contaminated zones and to supplement injection wells by by overlapping gaps. To assess temporary direct push injection point effectiveness, two (2) temporary injection points will be advanced and tested during the pilot study EVO application. Proposed locations are presented on Figure 4 and were chosen based on ease of access and spatial distance from other test locations.

The two (2) temporary direct push injection points will be advanced using 2¼-inch tooling equipped with an injection pull cap probe. One (1) "bottom up" and one (1) "top down" injection in point will be tested. The "bottom up" injection point will be advanced to refusal and testing will then commence at 3-foot increments as the probe is withdrawn from the ground. During the "bottom up" test a 5% EVO solution will be injected and flow rates, pressures and volumes for each injection zone will be documented as well as the potential for short circuiting to the surface. Injection testing will terminate at the water table interface which is approximately eight (8) fbg.

The "top down" test will be conducted by advancing the injection probe to eight (8) fbg then a 5% EVO solution will be injected at 3 foot increment as tooling is advanced to refusal. The flow rates, pressures and volumes for each injection zone will be documented as well as the potential for short circuiting to the surface.

The borehole from each temporary injection point location will be backfilled with bentonite chips immediately following the tooling extraction.

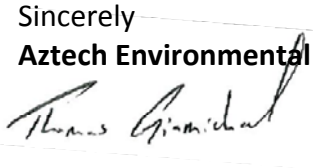
5.0 SUMMARY

A brief summary of the October 2015 monitoring event and pilot test workplan is presented below:

- Between October 19 and 21, 2015, Aztech field technicians mobilized to gauge, purge and to conduct low-flow sampling on fifteen (19) monitoring wells.
- The overburden groundwater flow in October 2015 was toward the southeast and the bedrock groundwater flow was toward the east with a northward component.
- Overburden depth to water averaged 5.60 fbg and Bedrock groundwater averaged 7.35 fbg.
- Total VOCs reported in the groundwater samples collected ranged from 0.5 ppb in MW-15 to 8,600 ppb in MW-13.
- Chlorinated solvents PCE, TCE, cis 1,2-Dichloroethene and vinyl chloride are present above standards in both the overburden and bedrock monitoring wells. The October 2015 groundwater data demonstrates that VOC concentrations have historically reduced through natural attenuation by reductive dechlorination. However, complete dechlorination is unlikely to occur without stimulation by enhanced anaerobic bioremediation.
- A pilot test to assess full scale injection implementation of an enhanced anaerobic bioremediation solution will be conducted.
- The pilot test will utilize one (1) overburden injection well, one (1) bedrock injection well and two (2) temporary direct push injection points to assess the sites formation.
- A minimum of four (4) piezometers with water-level trolls will be utilized for groundwater data collection during the injection pilot testing.
- The goal of the pilot test is to determine the injection pressures, volumes, flow rates, and radius of influence that is representative of the sites formation.

Aztech appreciates the opportunity to conduct work for the NYSDEC. If you have any questions regarding the information described herein, please contact me at (518) 885-5383 at your convenience.

Sincerely
Aztech Environmental Technologies

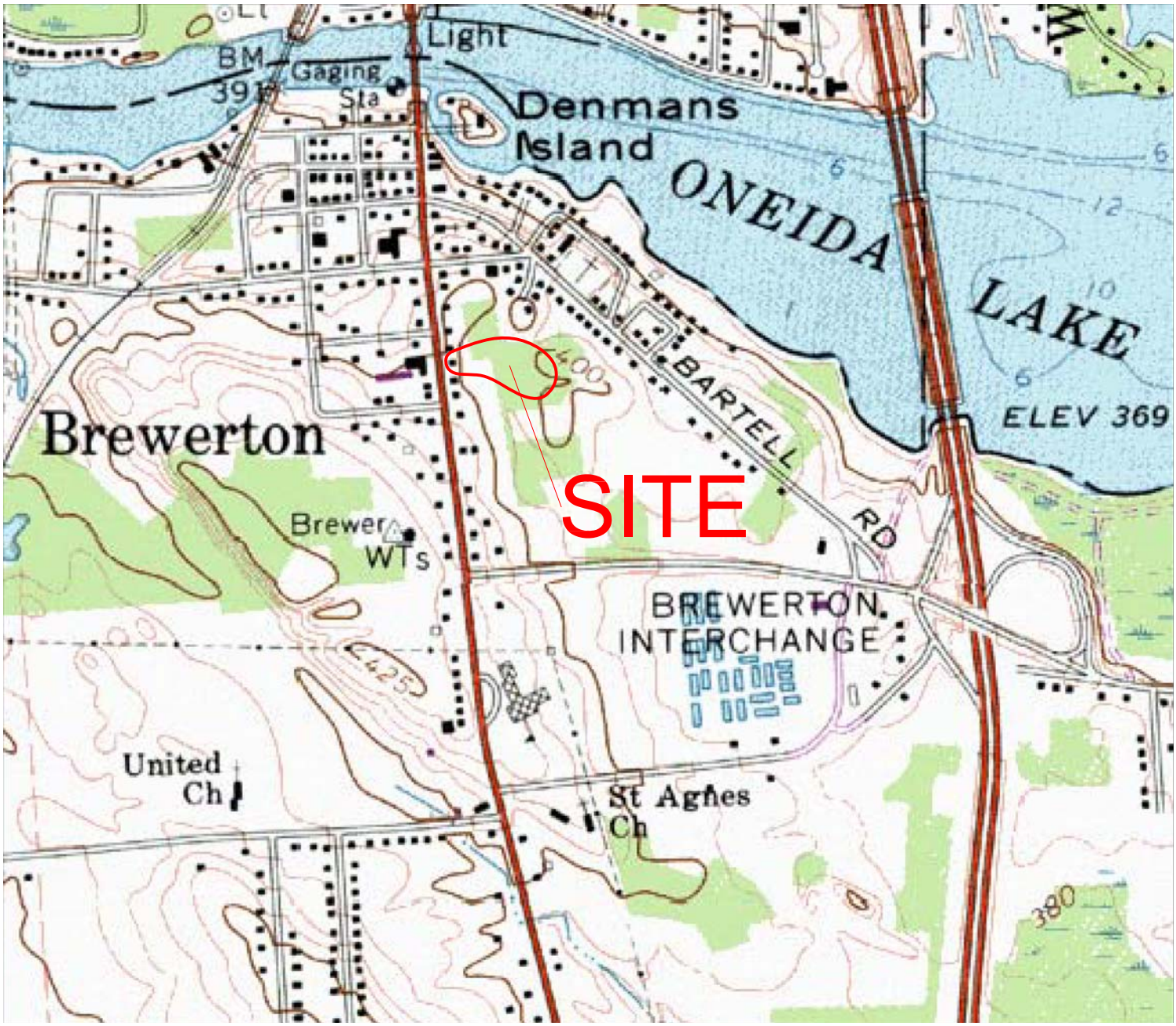


Draft – 3/18/2016

Thomas Giamichael
Senior Hydrogeologist/Project Manager

APPENDIX A

Figures



Aztech
Technologies, Inc.
Woman Owned Business

- Remediation Solutions
- Environmental Consulting
- Drilling Applications

5 McCrea Hill Road
Ballston Spa, NY 12020
p 518.885.5383 | f 518.885.5385
info@aztechtech.com | www.aztechtech.com

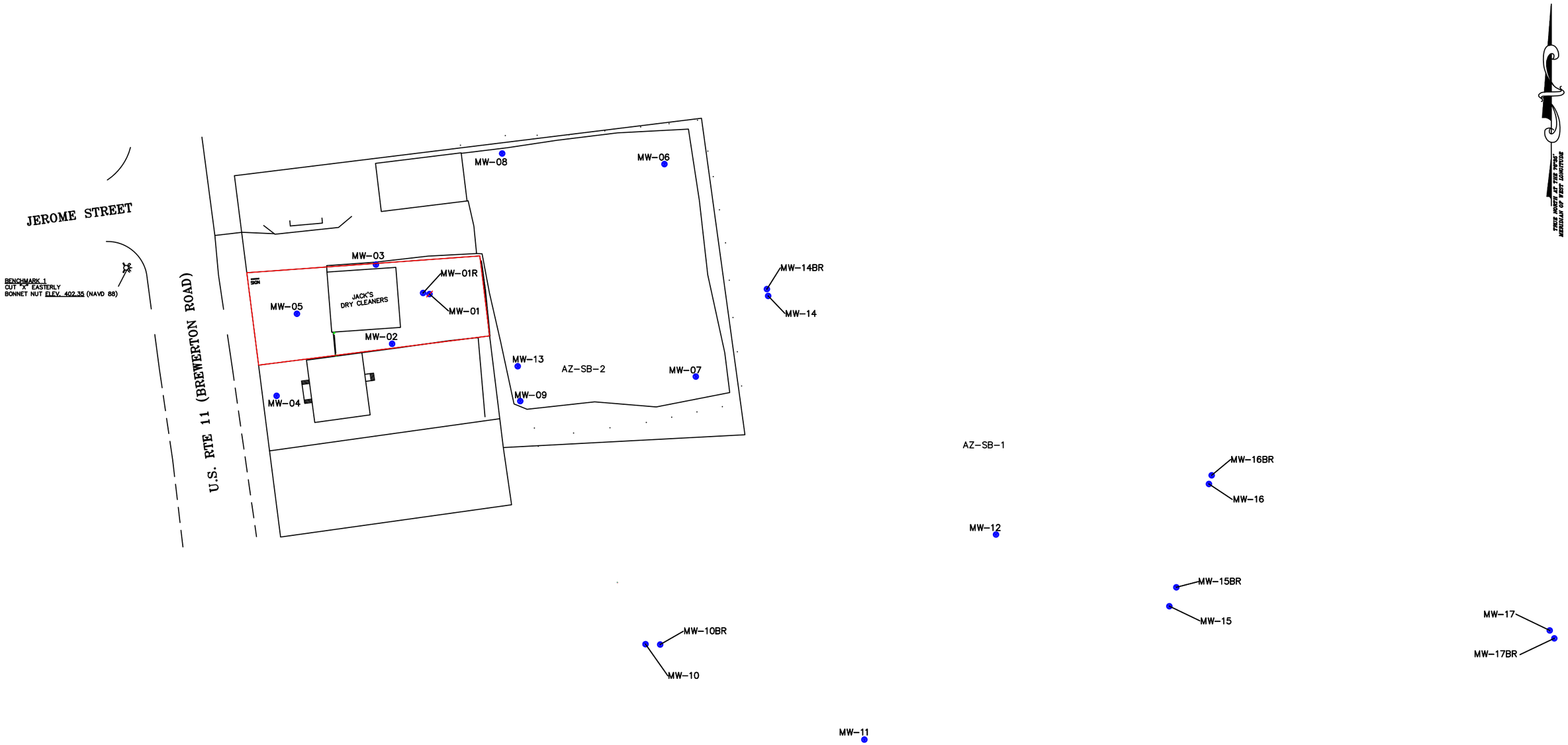
Jack's Dry Cleaners
9628 State Route 11
Brewerton, New York

FIGURE 1

DATE: October 2015 | NOT TO SCALE

LEGEND

- Site Boundaries



SITE MAP

Aztech Technologies, Inc.
Woman Owned Business

Remediation Solutions ● Environmental Consulting ● Drilling Applications
5 McCrea Hill Road
Ballston Spa, NY 12020
p 518.885.5383 I f 518.885.5385
info@aztechtech.com I www.aztechtech.com

SITE: Jack's Dry Cleaners
9628 NYS Route 11
Brewerton, NY
NYSDEC Site No. 734112

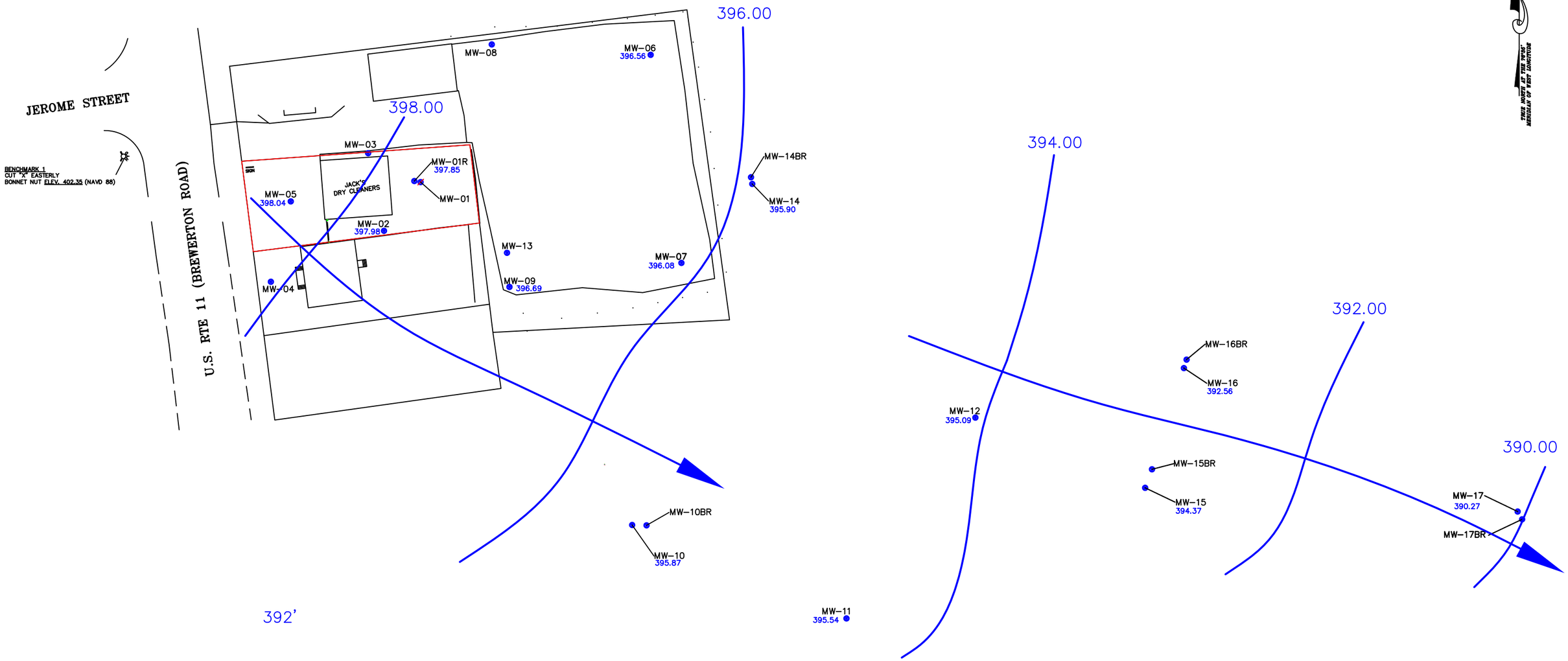
FIGURE 2

DATE: October 2015

Scale (feet) 0 30 60 120 180

LEGEND

MW-12 - Monitoring Well ID
- Monitoring Well Symbol
- Site Boundary



Overburden Groundwater Elevation Map

Aztech Technologies, Inc.
Woman Owned Business

Remediation Solutions ● Environmental Consulting ● Drilling Applications
5 McCrea Hill Road
Ballston Spa, NY 12020
p 518.885.5383 l f 518.885.5385
info@aztechtech.com l www.aztechtech.com

SITE: Jack's Dry Cleaners
9628 NYS Route 11
Brewerton, NY
NYSDEC Site No. 734112

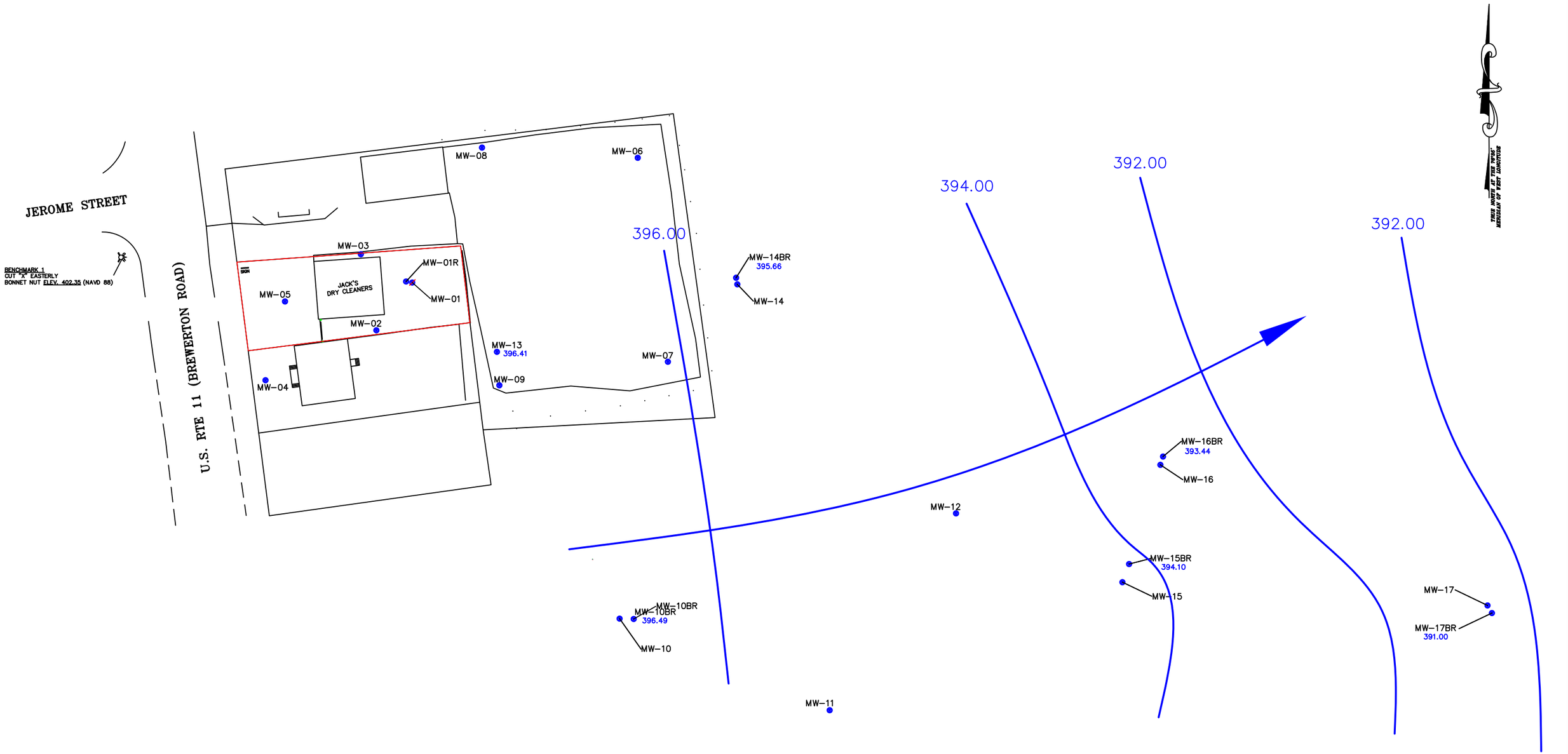
FIGURE 3

DATE: 10-20-2015

Scale (feet) 0 30 60 120 180

LEGEND

- MW-12 - Monitoring Well ID
- ● - Monitoring Well Symbol
- 395.54 - Groundwater Elevation (ft.)
- ▭ - Site Boundary
- → - Direction of Groundwater Flow
- 395 - Calculated Groundwater Contour (ft)
- 395 - Inferred Groundwater Contour (ft)



Overburden Groundwater Elevation Map

Aztech Technologies, Inc.
Woman Owned Business

Remediation Solutions ● Environmental Consulting ● Drilling Applications
5 McCrea Hill Road
Ballston Spa, NY 12020
p 518.885.5383 I f 518.885.5385
info@aztechtech.com I www.aztechtech.com

SITE: Jack's Dry Cleaners
9628 NYS Route 11
Brewerton, NY
NYSDEC Site No. 734112

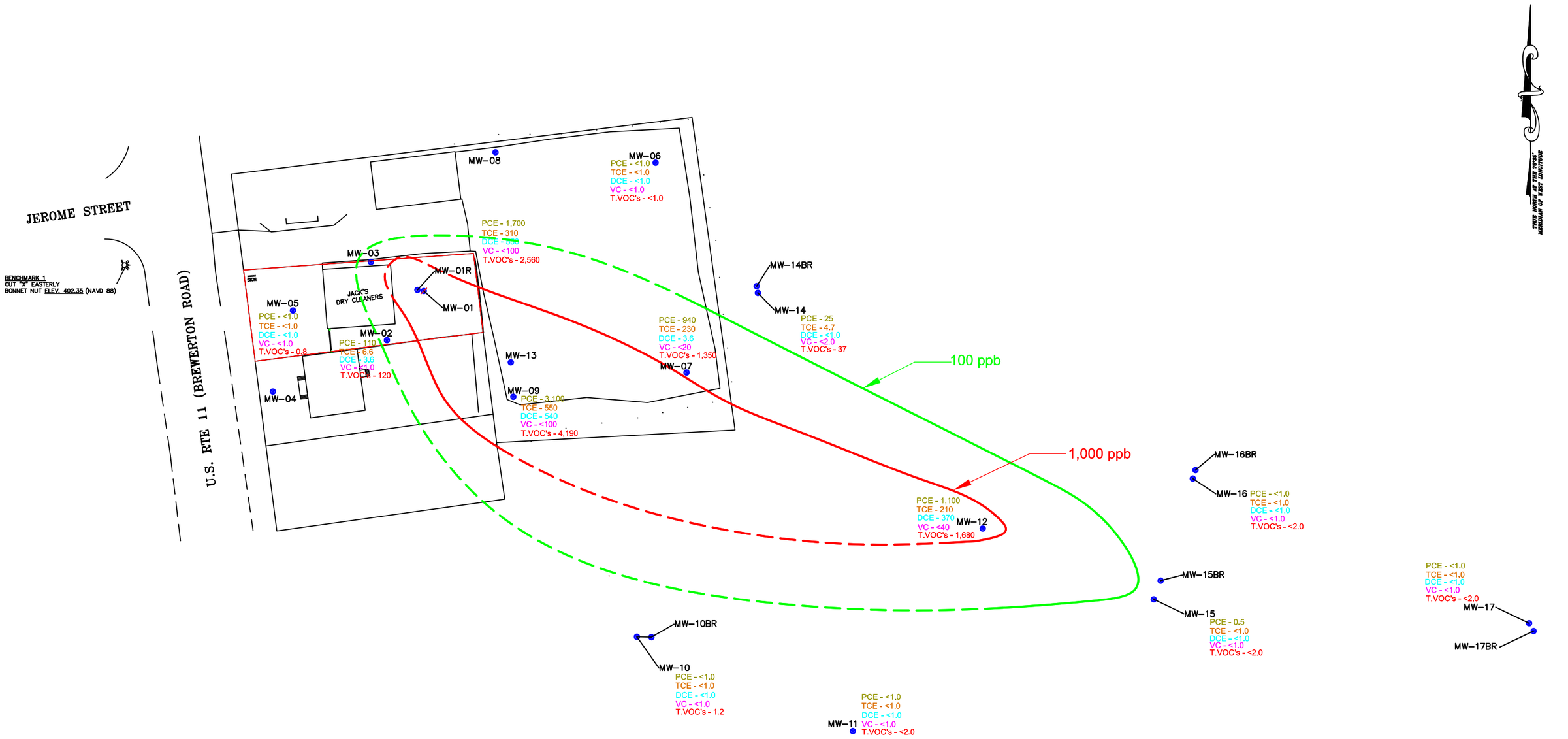
FIGURE 4

DATE: 10-20-2015

Scale (feet) 0 30 60 120 180

LEGEND

- MW-12 - Monitoring Well ID
- ● - Monitoring Well Symbol
- 395.54 - Groundwater Elevation (ft.)
- ▭ - Site Boundary
- → - Direction of Groundwater Flow
- 396 - Calculated Groundwater Contour (ft)
- 396 - Inferred Groundwater Contour (ft)



Selected Chlorinated Solvents in Overburden Groundwater

LEGEND

- VOC Contour
- Inferred VOC Contour
- MW-12 - Monitoring Well ID
- Monitoring Well Symbol
- Site Boundary

Tetrachlorothene (PCE) 30.3
Trichlorothene (TCE) 30.3
cis-1,2 Dichloroethene (DCE) 30.3
Vinyl Chloride (VC) 30.3
Total VOC's (T.VOC's) 30.3
All results reported in parts per billion

Aztech Technologies, Inc.
Woman Owned Business

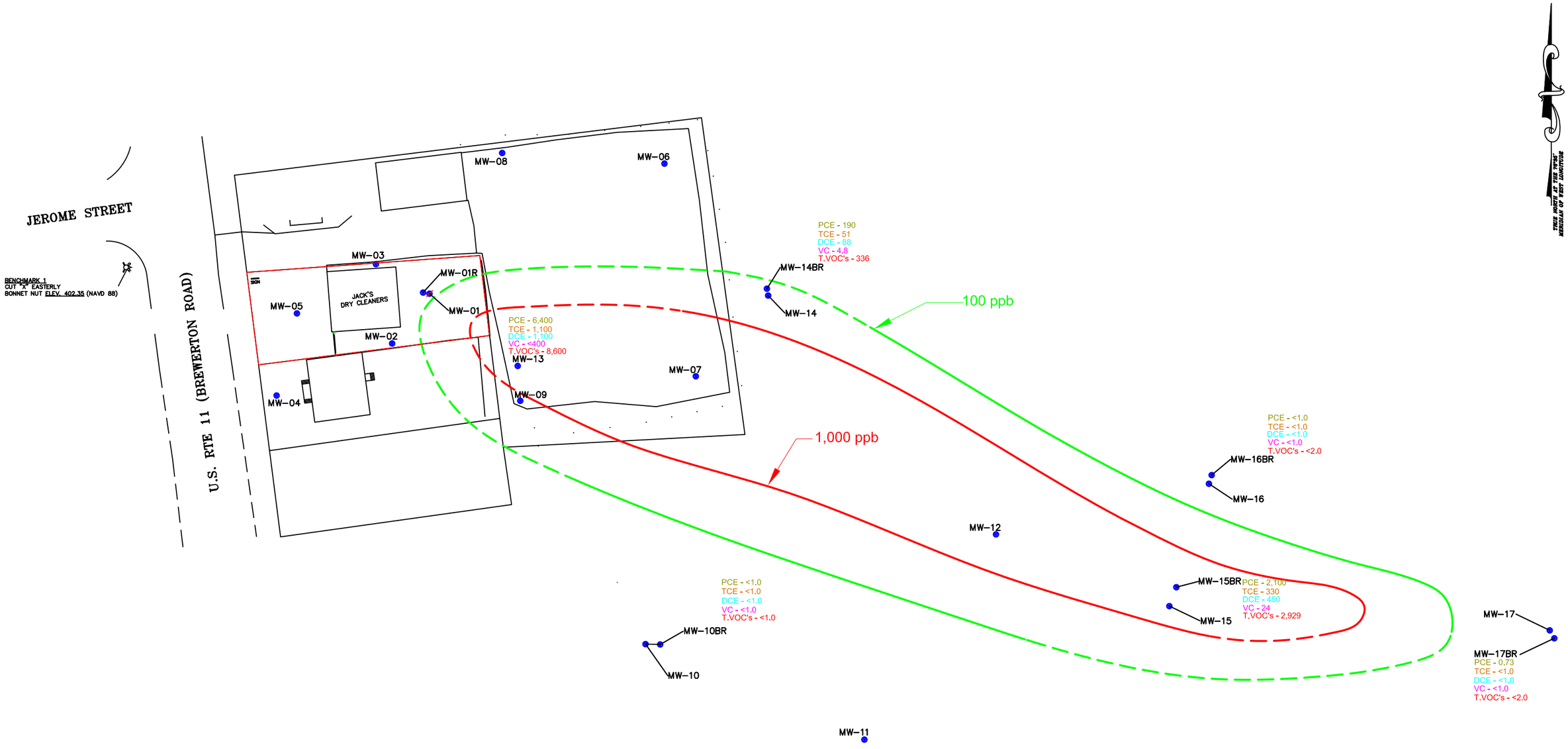
Remediation Solutions ● Environmental Consulting ● Drilling Applications
5 McCrea Hill Road
Ballston Spa, NY 12020
p 518.885.5383 l f 518.885.5385
info@aztechtech.com l www.aztechtech.com

SITE: Jack's Dry Cleaners
9628 NYS Route 11
Brewerton, NY
NYSDEC Site No. 734112

FIGURE 5

DATE: October 20, 2015

Scale (feet) 0 30 60 120 180



Selected Chlorinated Solvents in Bedrock Groundwater

LEGEND

- VOC Contour
- Inferred VOC Contour
- MW–12 - Monitoring Well ID
- Monitoring Well Symbol
- Site Boundary

Tetrachlorothene (PCE) 30.3
Trichlorothene (TCE) 30.3
cis-1,2 Dichloroethene (DCE) 30.3
Vinyl Chloride (VC) 30.3
Total VOC's (T.VOC's) 30.3
All results reported in parts per billion

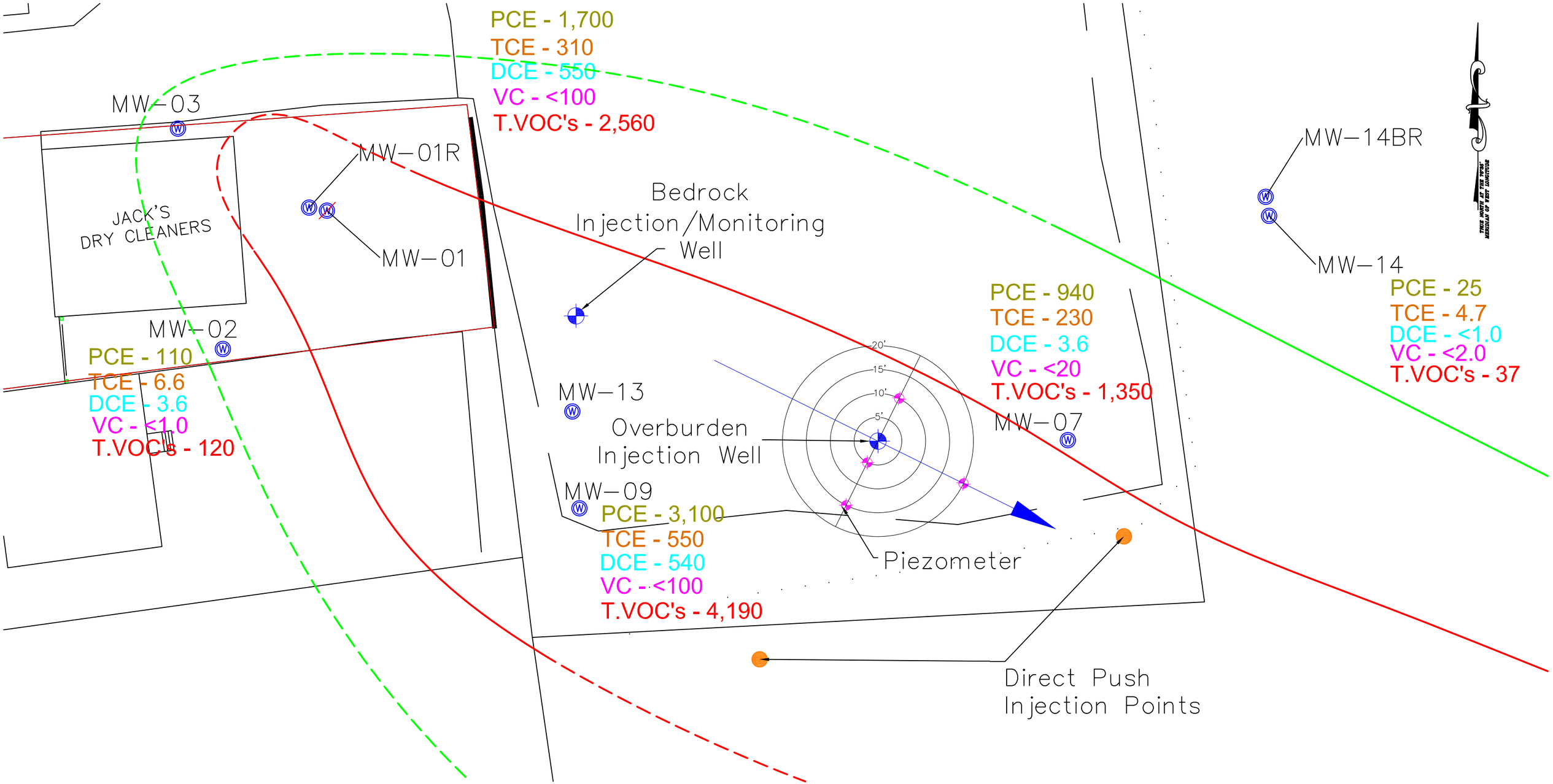
Aztech Technologies, Inc.
Woman Owned Business
Remediation Solutions ● Environmental Consulting ● Drilling Applications
5 McCrea Hill Road
Ballston Spa, NY 12020
p 518.885.5383 I f 518.885.5385
info@aztechtech.com I www.aztechtech.com

SITE: Jack's Dry Cleaners
9628 NYS Route 11
Brewerton, NY
NYSDEC Site No. 734112

FIGURE 6

DATE: October 20, 2015

Scale (feet) 0 30 60 120 180



Pilot Test Injection Well Layout

LEGEND

- Proposed Injection Well
- Proposed Piezometer
- Proposed Direct Push Test Injection Point
- Overburden Plume Axis

Aztech Technologies, Inc.
Woman Owned Business

Remediation Solutions ● Environmental Consulting ● Drilling Applications
5 McCrea Hill Road
Ballston Spa, NY 12020
p 518.885.5383 I f 518.885.5385
info@aztechtech.com I www.aztechtech.com

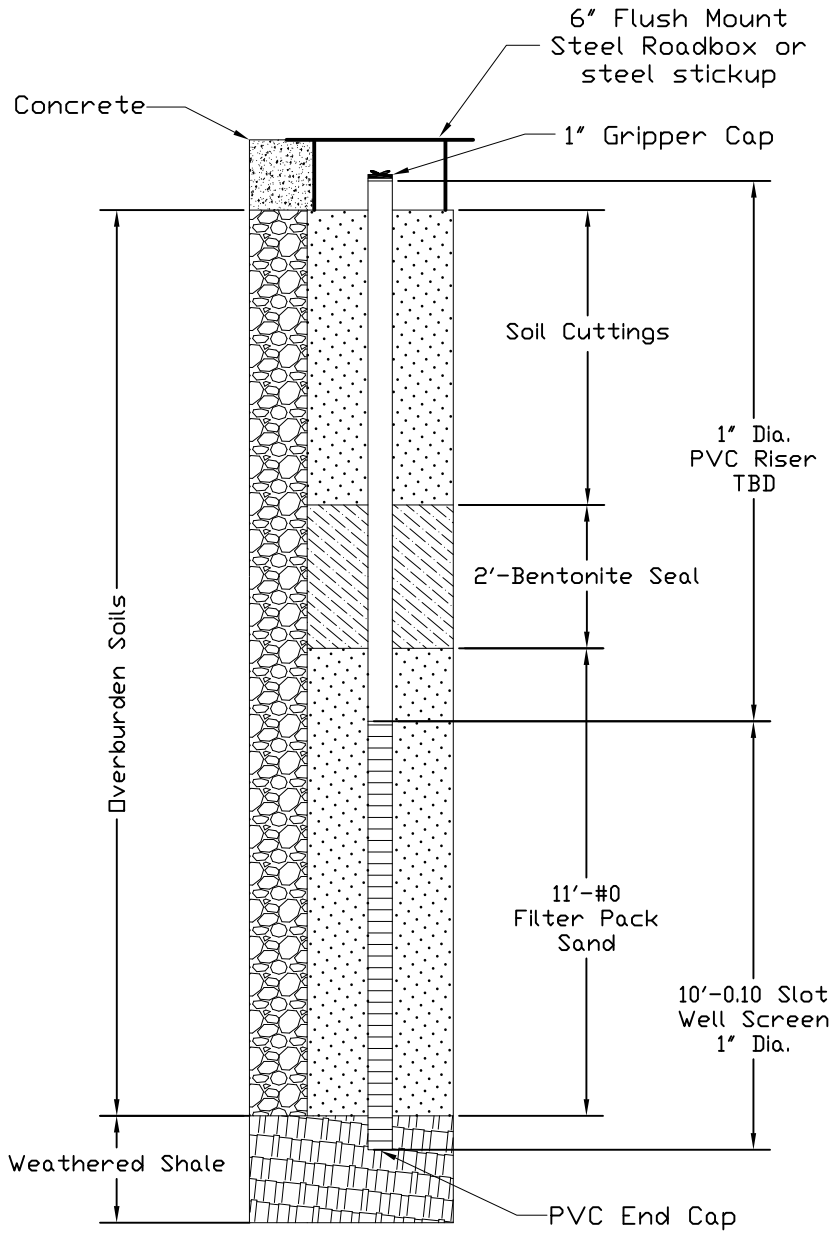
SITE: Jack's Dry Cleaners
9628 NYS Route 11
Brewerton, NY
NYSDEC Site No. 734112

FIGURE 7

DATE: October 20, 2015

Scale (feet) 0 5 10 20 30

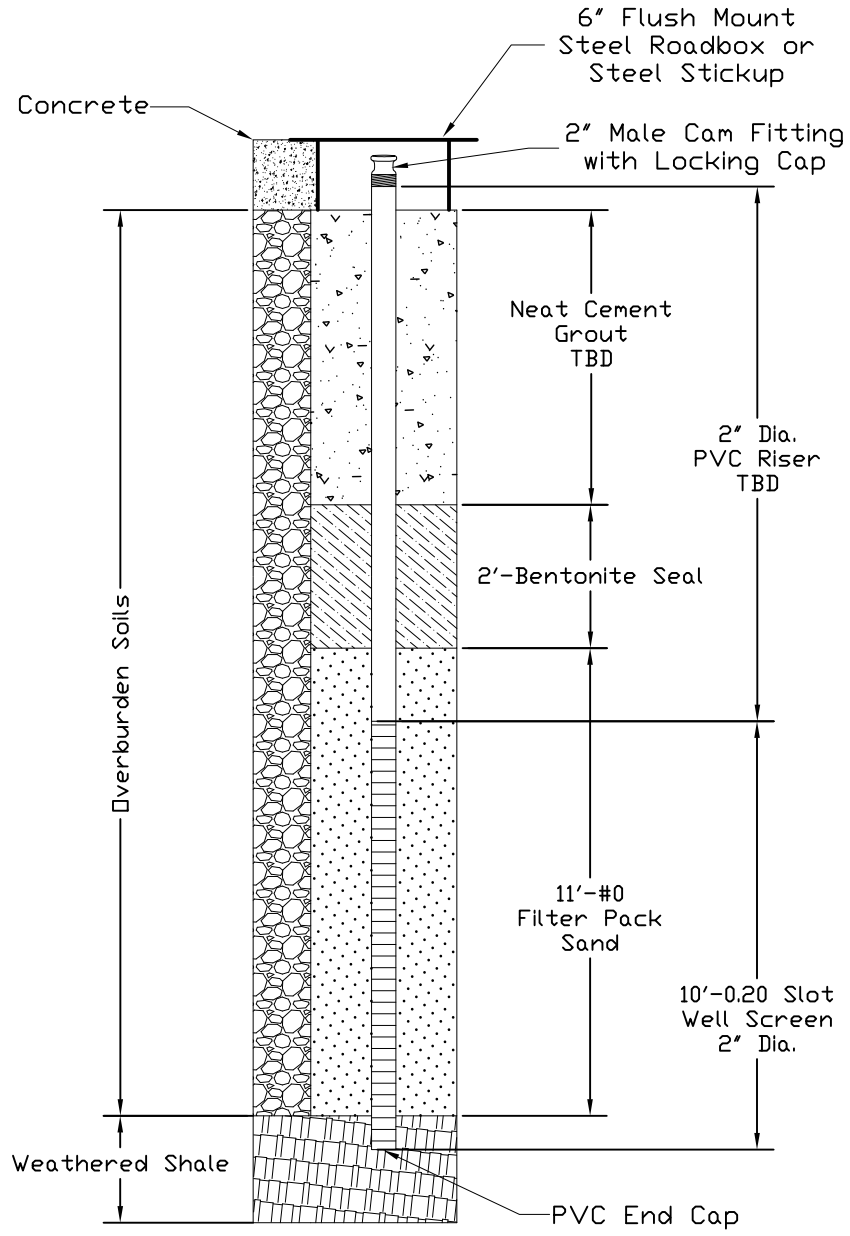
PIEZOMETER
TYP.



Notes:

1. Wells to be installed via direct push (Geoprobe) using 2.25" rods.
2. Tooling will be advanced to refusal to determine the depth of each well.
3. Piezometer for temporary use during pilot study testing. Well protection will not be completed unless well is determined to remain after testing.

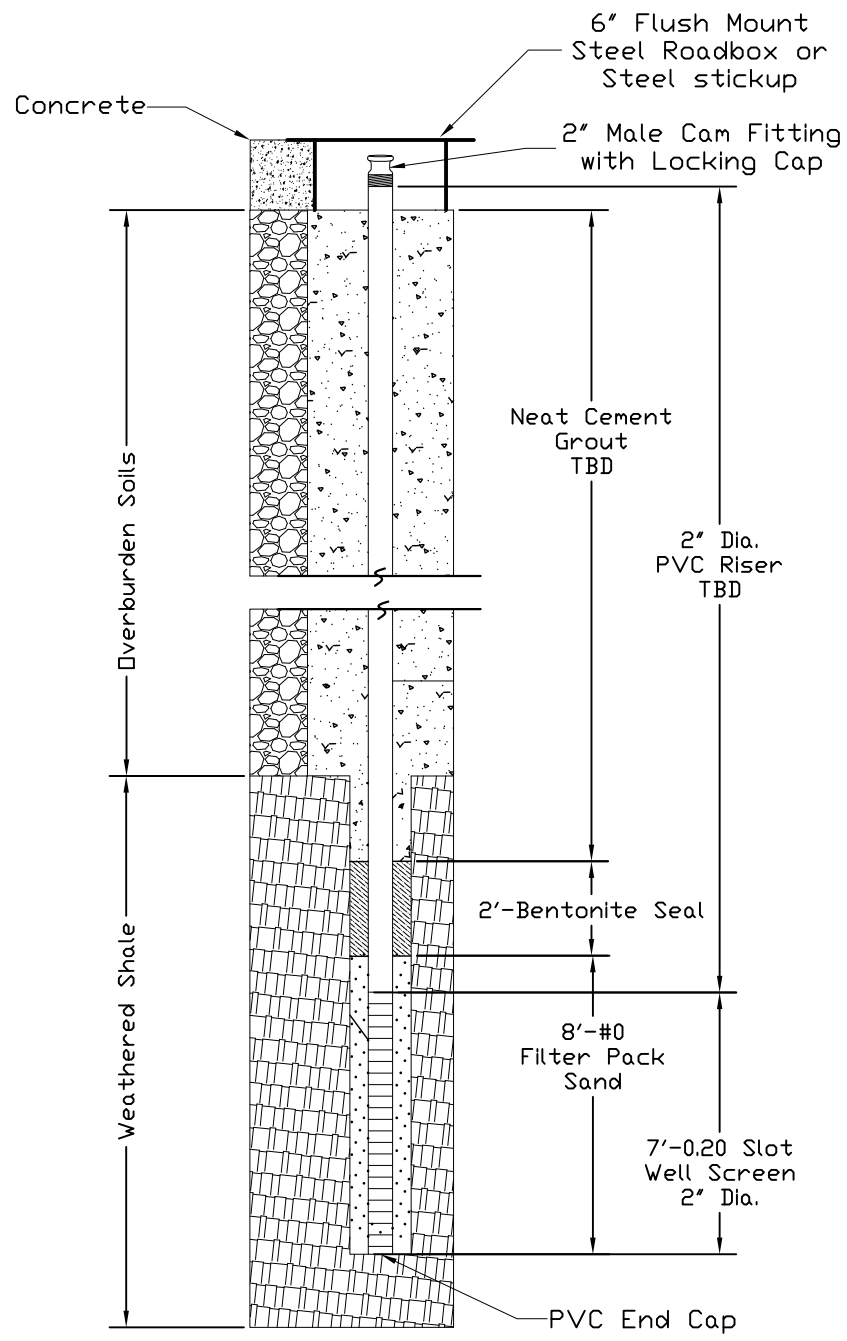
OVERBURDEN INJECTION WELL
TYP.



Notes:

1. Wells to be installed using 4.25" Augers.
2. Augers to be advanced to refusal inorder to bridge the overburden/bedrock interface.

BEDROCK INJECTION WELL
TYP.



Notes:

1. Bedrock well to be advance using 4.25" augers until refusal, then switch to roller bit to complete a 10' socket in the rock to accommodate 7' of well screen.
2. Well will be used as a bedrock monitoring well following pilot study testing.

Aztech Technologies, Inc.
Woman Owned Business

Remediation Solutions ● Environmental Consulting ● Drilling Applications
5 McCrea Hill Road
Ballston Spa, NY 12020
p 518.885.5383 I f 518.885.5385
info@aztechtech.com I www.aztechtech.com

SITE: Jack's Dry Cleaners
9628 NYS Route 11
Brewerton, NY
NYSDEC Site No. 734112

FIGURE 8

DATE: October 20, 2015 | SCALE: NTS

Pilot Test Well Construction Details

APPENDIX B

Tables

NYSDEC - Jack's Dry Cleaners
9628 Main Street
Brewerton, New York

TABLE - 1
Groundwater Elevation Summary Table

Well ID	TOC Elev.	Date	DTW	WT Elev.
MW-1R	400.70	9/17/12	5.28	395.42
		10/21/15	2.85	397.85
MW-2	401.10	9/17/12	7.07	394.03
		10/20/15	3.12	397.98
MW-5	402.12	9/17/12	6.93	395.19
		10/20/15	4.08	398.04
MW-6	401.53	9/17/12	9.62	391.91
		10/21/15	4.97	396.56
MW-7	399.98	9/17/12	8.27	391.71
		10/21/15	3.90	396.08
MW-9	399.80	9/17/12	7.42	392.38
		10/21/15	3.11	396.69
MW-10	400.36	9/17/12	8.79	391.57
		10/20/15	4.49	395.87
MW-10BR	400.39	9/17/12	8.62	391.77
		10/20/15	3.90	396.49
MW-11	400.19	10/20/15	4.65	395.54
MW-12	399.84	9/17/12	9.00	390.84
		10/20/15	4.75	395.09
MW-13	400.53	9/17/12	7.41	393.12
		10/21/15	4.12	396.41
MW-14	399.79	9/17/12	8.35	391.44
		10/20/15	3.89	395.90
MW-14BR	399.69	9/17/12	8.88	390.81
		10/20/15	4.03	395.66
MW-15	401.96	10/19/15	7.59	394.37
MW-15BR	402.04	9/17/12	12.19	389.85
		10/19/15	7.94	394.10
MW-16	404.46	10/19/15	11.48	392.56
MW-16BR	404.95	9/17/12	15.74	389.21
		10/19/15	11.51	393.44
MW-17	404.19	10/20/15	13.92	390.27
MW-17BR	403.65	9/17/12	11.83	391.82
		10/20/15	12.65	391.00

TOC = Top of well casing, DTW=Depth to Water, WT=Water Table, NG=Not Gauged

NYSDEC - Jack's Dry Cleaners
9628 Main Street
Brewerton, New York

TABLE - 3

Groundwater Analytical Summary Table

Sample Loc.	Date	GWS:	EPA 8260 Parameters																			Total Compounds by EPA 8260
			1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,1,2-Trichloroethane	1,2-Dichlorobenzene	Benzene	Chloroethane	Chloroform	cis-1,2-Dichloroethene	Cyclohexane	Ethylebenzen	Methlcyclohexane	Methy tert-butyl ehter	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Toluene	Total Xylenes	Vinyl Chloride	
			5.0	5.0	5.0	5.0	1.0	3.0	1.0	5.0	7.0	5.0	N/A	5.0	N/A	10	5.0	5.0	5.0	5.0	5.0	2.0	
MW-1R	9/17/12		1.9	1.4	1.3	<1.0	<1.0	0.9 (J)	< 1.0	4.3	< 1.0	**5,700**	< 1.0	2.2	< 1.0	< 1.0	**6,300**	< 1.0	< 1.0	3.6	**8.5**	< 1.0	12,024
	10/21/15		<100	<100	<100	<100	<100	<100	<100	<100	<100	**550**	<100	<100	<100	<100	**1,700**	<100	**310**	<100	<100	<100	2,560
MW-2	9/17/12		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.4 (J)	**7.4**	< 1.0	< 1.0	< 1.0	< 1.0	**50**	< 1.0	**6.1**	< 1.0	< 2.0	1.1	65
	10/20/15		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.35 (J)	3.6	<1.0	<1.0	<1.0	<1.0	**110**	<1.0	**6.6**	<1.0	<2.0	<1.0	120
MW-5	9/17/12		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	< 1.0	2.3	0.6 (J)	< 1.0	< 1.0	< 1.0	**12**	< 1.0	3.2	< 1.0	< 2.0	< 1.0	18
	10/20/15		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.8 (J)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	0.8 (J)
MW-6	9/17/12		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.8	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	1.8
	10/21/15		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0
MW-7	9/17/12		< 1.0	< 1.0	0.6 (J)	<1.0	< 1.0	< 1.0	< 1.0	1.8	< 1.0	**290**	0.5 (J)	< 1.0	< 1.0	< 1.0	**1,200**	**6.6**	**320**	< 1.0	< 2.0	**18**	1,838
	10/21/15		<20	<20	<20	<20	<20	<20	<20	<20	<20	**180**	<20	<20	<20	<20	**940**	<20	**230**	<20	<20	<20	1,350
MW-9	9/17/12		< 1.0	< 1.0	< 1.0	< 1.0	**28**	< 1.0	< 1.0	1.2	< 1.0	**280**	2.7	< 1.0	0.5 (J)	< 1.0	< 1.0	**6.7**	**200**	< 1.0	< 2.0	14	533
	10/21/15		<100	<100	<100	<100	<100	<100	<100	<100	<100	**540**	<100	<100	<100	<100	**3,100**	<100	**550**	<100	<100	<100	4,190
MW-10	9/17/12		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.6	4.0	< 1.0	0.7 (J)	< 1.0	< 2.0	< 1.0	6.3
	10/20/15		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1.2
MW-10BR	9/17/12		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.7	2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	3.7
	10/20/15		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0
MW-11	10/20/15		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	<2.0
MW-12	9/17/12		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**400**	< 1.0	< 1.0	< 1.0	< 1.0	**1,400**	< 1.0	**220**	< 1.0	< 2.0	**29.0**	2,049
	10/20/15		<20	<20	<20	<20	<20	<20	<20	<20	<20	**370**	<20	<20	<20	<20	**1,100**	<20	**210**	<20	<20	<40	1,680
MW-13	9/17/12		1.7	0.9 (J)	**8.0**	<1.0	< 1.0	< 1.0	< 1.0	**21**	< 1.0	< 1.0	1.0	< 1.0	1.3	< 1.0	**10000 (B)**	**51**	**2,000**	< 1.0	0.8 (J)	**270**	12,356
	10/21/15		<200	<200	<200	<200	<200	<200	<200	<200	<200	**1,100**	<200	<200	<200	<200	**6,400**	<200	**1,100**	<200	<200	<400	8,600
MW-14	9/17/12		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**13**	< 1.0	< 1.0	< 1.0	< 1.0	**78 (B)**	< 1.0	**11**	< 1.0	< 2.0	**2.1**	141
	10/20/15		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**7**	<1.0	<1.0	<1.0	<1.0	**25**	<1.0	4.7	<1.0	<1.0	<2.0	37
MW-14BR	9/17/12		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0	< 1.0	1.5	< 1.0	< 1.0	< 1.0	< 1.0	1.7	**63**	< 1.0	< 2.0	**16**	84
	10/20/15		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**2.0**	<2.0	<2.0	**88**	1.1 (J)	<2.0	<2.0	<2.0	**190**	<2.0	**51**	<2.0	<4.0	**4.8**	336
MW-15	10/19/15		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.5(J)	< 1.0	<1.0	< 1.0	< 2.0	< 1.0	0.5(J)
MW-15BR	9/17/12		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**6.5**	< 1.0	< 1.0	< 1.0	< 1.0	**78 (B)**	< 1.0	**9**	< 1.0	< 2.0	< 1.0	94
	10/19/15		<1.0	1.4	<1.0	0.56 (J)	<1.0	<1.0	**7.9**	<1.0	<1.0	**450**	8.1	<1.0	1.8	0.49(J)	**2,100**	**6**	**330**	<1.0	<2.0	**24**	2,929
MW-16	10/19/15		< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0	<1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0	<1.0	<1.0	<1.0	< 1.0	< 1.0	< 2.0	<1.0	<2.0
MW-16BR	9/17/12		< 1.0	< 1.0	0.5 (J)	<1.0	< 1.0	< 1.0	**3.1**	< 1.0	< 1.0	**180**	2.6	< 1.0	< 1.0	0.4 (J)	**520 (B)**	1.9	< 1.0	< 1.0	< 2.0	**23**	732
	10/19/15		< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0	<1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0	<1.0	<1.0	<1.0	< 1.0	< 1.0	< 2.0	<1.0	<2.0
MW-17	10/20/15		< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0	<1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0	<1.0	<1.0	<1.0	< 1.0	< 1.0	< 2.0	<1.0	<2.0
MW-17BR	9/17/12		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**15 (B)**	< 1.0	1.4	< 1.0	< 2.0	< 1.0	16
	10/20/15		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.73(J)	<1.0	<1.0	<1.0	<2.0	<1.0	0.73(J)

ND= Not Detected at or above the practical quantitation limit (PQL). NA=Not Analyzed. GWS = Ground Water Standards, Result reported in ug/L (ppb). (J) = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. (B) = Compound was found in the blank and sampled.

APPENDIX C

Field Work Documentation

Site Name	Scales Drycleaners
Site Location	Brewerton
Well ID	MW-1R
Sampled By	DW

Aztech Technologies, Inc.
EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Flush
Measuring Point	TOC
Measuring Point Elevation	-
Depth to Water	2.85
Depth to Bottom of Well	17.85

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/21/15
Weather	Rainy
Purging Equipment	Monsoon
Sampling Equipment	Bladder
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	2.34

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
10:20	-	885	7.30	14.28	0.62	0.337	-37	2.75	
10:25	1	0.0	6.92	14.71	0.70	0.314	-29	3.15	
10:30	1.2	70.2	6.90	14.73	0.64	0313	-26	3.11	
10:35	2	91.5	6.89	14.84	0.55	0309	-22	4.59	
10:40	2.2	390	6.85	14.93	0.41	0.311	-25	4.62	
10:45	3.	155	6.81	15.02	0.34	0318	-32	4.72	
10:50	3.2	107	6.78	15.04	0.37	0323	-33	4.65	
10:55	3.8	59	6.75	15.08	0.46	0.331	-36	4.68	
11:00	4.3	54	6.74	15.09	0.48	0.334	-37	4.65	
11:05	4.5	42.5	6.73	15.10	0.49	0338	-38	4.64	
11:10	4.8	28.3	6.72	15.12	0.46	0342	-39	4.64	
1115	5	22.5	6.72	15.13	0.44	0345	-40	4.65	
11:20	5.2	23.5	6.71	15.14	0.42	0347	-41	4.65	
11:25	6	23.6	6.71	15.17	042	0348	-41	4.65	
11:30	6.3	23.6	6.71	15.16	042	0.348	-41	4.65	

Site Name	Sacks Dry Cleaners
Site Location	Brewerton
Well ID	MW-02
Sampled By	RW

Aztech Technologies, Inc.

EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	~~Riser~~ Flush
Measuring Point	TOC
Measuring Point Elevation	
Depth to Water	3.12
Depth to Bottom of Well	14.27

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/20/15
Weather	Sunny
Purging Equipment	Monsoon
Sampling Equipment	Horiba
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	5.44

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
7:15	-	0.0	8.05	15.51	2.99	0.687	199	3.19	
7:20	5	100	7.89	15.82	2.66	0.714	199	3.25	
7:25	1	600	7.84	15.85	2.45	0.719	199	3.29	
7:30	2	167	7.77	15.99	2.21	0.730	199	3.53	
7:35	3	80.6	7.74	15.89	2.07	0.730	199	3.72	
7:40	4	55.2	7.73	15.99	2.01	0.728	198	3.84	
7:45	4.5	26.3	7.72	16.07	1.99	0.722	197	3.15	
7:50	5	16.9	7.72	16.15	1.97	0.728	196	3.15	
7:55	5.5	4.2	7.71	16.15	1.96	0.726	195	3.20	
8:00	6	4.5	7.72	16.16	1.95	0.725	195	3.20	
8:05	6.5	4.5	7.72	16.14	1.95	0.725	195	3.20	
8:10	7	4.5	7.72	16.15	1.94	0.724	194	3.20	

Site Name	Tuck's Dry Cleaners
Site Location	Brewerton
Well ID	MW-05
Sampled By	MD

Aztech Technologies, Inc.

EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Flush
Measuring Point	TOC
Measuring Point Elevation	-
Depth to Water	4.09
Depth to Bottom of Well	14.90

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/20/15
Weather	Raining
Purging Equipment	Horiba
Sampling Equipment	Horiba
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	5.29

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726

Well Volume Gallons = Multiplier x Length of Water Column

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
7:15	—	0.0	7.48	16.59°C	2.65	3.57	106	4.09	
7:20	.25	607	7.46	17.64°C	1.63	3.26	-111	4.09	
7:25	.5	296	7.46	18.47°C	1.22	1.78	-99	4.09	
7:30	.75	115	7.46	18.74°C	0.99	1.55	-94	4.09	
7:35	1 gal	41.0	7.47	18.70°C	0.81	1.52	-91	4.09	
7:40	1.5 gal	26.7	7.47	18.70°C	0.73	1.52	-93	4.09	
7:45	2 gal	26.6	7.47	18.65°C	0.74	1.52	-93	4.09	
7:50	2.5 gal	26.7	7.47	18.59°C	0.75	1.51	-93	4.09	

Site Name	Sucks Dry Cleaners
Site Location	Brewerton
Well ID	MW-6
Sampled By	MS

Aztech Technologies, Inc.

EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Flush
Measuring Point	TOC
Measuring Point Elevation	
Depth to Water	4.87
Depth to Bottom of Well	17.05

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/2/15
Weather	Rain
Purging Equipment	Monsoon
Sampling Equipment	Bailer
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	6.64

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
8:50	—	0.0	7.84	11.42°C	2.40	0.404	-102	6.10	
8:55	.25	500	7.21	12.20°C	1.02	0.425	-112	6.38	
9:00	.5	174	7.13	12.37°C	0.74	0.486	-114	6.25	
9:05	.78	97.4	7.11	12.31°C	0.66	1.01	-114	6.28	
9:10	1 gal	70.1	7.09	12.35°C	0.61	1.01	-114	6.47	
9:15	2 gal	50.3	7.07	12.36°C	0.57	1.01	-114	6.47	
9:20	2.5 gal	38.7	7.07	12.37°C	0.55	1.01	-114	6.45	
9:25	3.5 gal	34.3	7.07	12.38°C	0.54	1.02	-114	6.38	
9:30	4 gal	26.5	7.07	12.35°C	0.52	1.02	-113	6.37	
9:35	5 gal	25.5	7.07	12.35°C	0.51	1.03	-113	6.37	
9:40	6 gal	23.7	7.06	12.36°C	0.51	1.03	-114	6.37	
9:45	6.5	23.8	7.06	12.35°C	0.51	1.03	-114	6.37	
9:50	7 gal	23.7	7.06	12.35°C	0.51	1.03	-114	6.37	

Site Name	Jacks Dry Cleaners
Site Location	Riverside
Well ID	MW-7
Sampled By	MD

Aztech Technologies, Inc.

EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Flush
Measuring Point	TOC
Measuring Point Elevation	
Depth to Water	3.40
Depth to Bottom of Well	14.30

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/21/15
Weather	Rain
Purging Equipment	Monsoon
Sampling Equipment	Horiba
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	2.53

Took Dup MS from this well

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
7:30	-	503	8.04	11.70°C	4.70	1.07	-56	4.03	
7:35	.25	95.0	7.37	11.51°C	1.34	1.08	-38	4.03	
7:40	.5	73.6	7.22	11.70°C	1.06	1.09	-33	4.01	
7:45	.75	97.4	7.13	11.76°C	0.82	1.12	-30	4.01	
7:50	1 gal	74.7	7.11	11.49°C	0.77	1.13	-27	4.01	
7:55	1.25	54.4	7.10	11.45°C	0.69	1.15	-25	4.03	
8:00	1.5	54.3	7.09	11.43°C	0.69	1.16	-24	4.03	
8:05	1.75	54.4	7.09	11.48°C	0.68	1.16	-26	4.03	

Site Name	Jacks Dry cleaners
Site Location	Brewerton
Well ID	MW-9
Sampled By	RW

Aztech Technologies, Inc.
EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Flush
Measuring Point	TOC
Measuring Point Elevation	
Depth to Water	3.11
Depth to Bottom of Well	17.98

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/21/15
Weather	rain
Purging Equipment	Monsoon
Sampling Equipment	Bailer
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	2.27

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
7:30	-	960	7.24	13.56	0.37	1.64	-6	3.75	
7:35	5	731	7.12	14.31	0.76	1.66	-9	3.75	
7:40	1	528	7.04	14.48	0.55	1.68	-9	3.78	
7:45	2	195	7.03	14.47	0.43	1.72	-4	3.92	
7:50	2.5	144	7.01	14.43	0.38	1.73	-5	3.71	
7:55	3.2	66.0	7.01	14.55	0.36	1.74	-1	3.51	
8:00	4.1	33.7	7.01	14.64	0.34	1.75	8	3.62	
8:05	4.5	27.3	7.01	14.63	0.30	1.73	10	3.65	
8:10	5	27.3	7.01	14.64	0.31	1.73	9	3.67	
8:15	5.5	27.2	7.00	14.67	0.30	1.72	9	3.70	

Site Name	Jacks Dry cleaners
Site Location	Brewerton
Well ID	MW-10
Sampled By	RW

Aztech Technologies, Inc.

EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Riser
Measuring Point	TOC
Measuring Point Elevation	
Depth to Water	4.49
Depth to Bottom of Well	30.31

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/26/15
Weather	Rainy
Purging Equipment	Monsoon
Sampling Equipment	Horiba
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	12.22

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
10:35	-	1000	7.23	11.55	1.74	3.80	-7	4.62	
10:40	1	0.0	7.16	10.96	0.20	4.01	-14	4.69	
10:45	2	193	7.15	10.93	0.17	4.05	-15	4.80	
10:50	3	98.1	7.15	10.99	0.16	4.05	-15	4.69	
10:55	4	43.0	7.14	11.09	0.12	4.07	-16	4.72	
11:00	4.8	36.2	7.13	11.10	0.09	4.08	-17	4.72	
11:05	5.3	36.1	7.13	11.11	0.09	4.08	-18	4.72	
11:10	5.8	36.0	7.13	11.12	0.08	4.07	-18	4.72	

Site Name	Jacks Drycleaners
Site Location	Brewerton
Well ID	MW-10BR
Sampled By	MD

Aztech Technologies, Inc.

EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Riser
Measuring Point	TOC
Measuring Point Elevation	–
Depth to Water	3.40
Depth to Bottom of Well	17.71

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/20/15
Weather	Rain
Purging Equipment	Monsoon
Sampling Equipment	Tubing
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	6.75

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
10:15	–	0.0	7.83	11.67°C	2.86	0.953	14	5.46	
10:20	.25	0.0	7.47	11.85°C	1.76	0.944	33	5.48	
10:25	.5	0.0	7.15	11.95°C	1.18	0.948	61	5.36	
10:30	.75	0.0	7.04	12.03°C	1.11	0.949	59	5.36	
10:35	1 gal	251	6.99	12.04°C	1.33	0.955	60	5.30	
10:40	1.25 gal	127	6.97	12.14°C	1.18	0.951	61	5.28	
10:45	1.5	114	6.95	12.18°C	1.10	0.945	64	5.34	
10:50	2 gal	87.8	6.95	12.22°C	1.11	0.945	67	5.38	
10:55	2.5	87.9	6.95	12.21°C	1.10	0.944	68	5.38	
11:00	3 gal	87.8	6.94	12.20°C	1.11	0.944	70	5.38	

Site Name	Tidal Dry Cleaners
Site Location	Beaverton
Well ID	MW-11
Sampled By	RW

Aztech Technologies, Inc.
EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Riser
Measuring Point	TOC
Measuring Point Elevation	
Depth to Water	4.65
Depth to Bottom of Well	14.80

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/20/15
Weather	Rain
Purging Equipment	Monsoon
Sampling Equipment	Waterra
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	2.41

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726

Well Volume Gallons = Multiplier x Length of Water Column

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
8:55	-	0.0	7.42	12.44	1.51	0.978	211	6.32	
9:00	1	705	7.29	12.87	1.90	0.962	154	6.55	
9:05	2	192	7.08	13.11	0.96	0.946	35	6.35	
9:10	3	130	7.03	13.16	0.88	0.939	25	6.40	
9:15	3.3	56	7.02	13.24	0.79	0.932	22	6.40	
9:20	3.5	54	7.01	13.22	0.78	0.931	16	6.47	
9:25	3.8	53	6.99	13.22	0.76	0.928	16	6.55	
9:30	4.5	54	6.98	13.24	0.63	0.991	-1	6.73	
9:35	5	35	6.13	13.24	0.55	0.947	-4	6.75	
9:40	6	29	6.13	13.20	0.59	0.982	-5	6.78	
9:45	6.5	27.6	6.13	13.21	0.58	0.982	-8	6.79	
9:50	6.8	27.5	6.12	13.22	0.54	0.981	-8	6.80	
9:55	7.3	27.6	6.12	13.22	0.59	0.981	-9	6.80	

Site Name	Jacks Drycleaners
Site Location	Brewerton
Well ID	MW-12
Sampled By	MD

Aztech Technologies, Inc.
EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Riser
Measuring Point	TOC
Measuring Point Elevation	475
Depth to Water	4.78
Depth to Bottom of Well	11.86

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/20/15
Weather	Rain
Purging Equipment	Masterflex
Sampling Equipment	Horiba
Decon Method	Alconox
Riser Diameter	2
Well Volume Calculation	3.3

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
9:00	0	0.0	8.25	12.24	5.14	0634	74	4.78	
9:05	.25	0.0	7.57	12.36	3.45	0652	85	4.74	
9:10	.75	262	7.47	12.33	2.58	0.702	48	4.72	
9:15	1 gal	119	7.43	12.34	1.99	0.741	36	4.72	
9:20	1.25	64.7	7.41	12.33	1.39	0.785	26	4.78	
9:25	1.5	57.2	7.41	12.34	1.32	0.791	25	4.78	
9:30	2 gal	37.5	7.41	12.33	1.24	0.818	21	4.80	
9:35	2.5 gal	30.5	7.41	12.32	1.06	0.844	19	4.80	
9:40	2.75 gal	30.4	7.41	12.31	1.06	0.845	19	4.80	
9:45	3 gal	30.5	7.41	12.31	1.05	0.844	20	4.83	

Site Name	Sacks Dry Cleaners
Site Location	Brewerton
Well ID	MW-13
Sampled By	RW

Aztech Technologies, Inc.
EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Flush
Measuring Point	TOC
Measuring Point Elevation	
Depth to Water	4.12
Depth to Bottom of Well	28.57

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Date	10/21/15
Weather	Rainy
Purging Equipment	Horiba U-52
Sampling Equipment	Peristaltic
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	4.94

Took Dup MSD from this well

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
8:40	–	699	7.46	13.76	6.96	0.807	-28	4.51	
8:45	1	51.0	7.27	12.94	0.00	0879	-2	4.57	
8:50	2	31.7	7.23	13.19	0.01	0.891	15	4.36	
8:55	3	10.7	7.21	13.24	0.00	0898	31	4.51	
9:00	3.8	3.6	7.21	13.35	0.00	0.902	36	4.57	
9:05	4.2	1.8	7.21	13.42	0.00	0.914	41	4.82	
9:10	4.5	3.2	7.21	13.36	0.00	0923	45	4.55	
9:15	4.8	0.9	7.21	13.49	0.00	0933	49	4.53	
9:20	5	1.0	7.21	13.54	0.00	0955	53	4.55	
9:25	6.2	0.5	7.21	13.32	0.00	0969	-14	4:56	
9:30	6.5	0.0	7.21	13.23	0.00	0987	64	4.55	
9:35	7	0.0	7.22	13.18	0.00	1.02	69	4.56	
9:40	7.2	0.0	7.21	13.18	0.00	1.02	69	4.44	
9:45	7.5	0.0	7.21	13.18	0.00	1.02	68	4.45	

Site Name	Eagles Drycleaners
Site Location	Brewerton
Well ID	MW-14
Sampled By	RW

Aztech Technologies, Inc.

EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Riser
Measuring Point	TOC
Measuring Point Elevation	–
Depth to Water	3.89
Depth to Bottom of Well	25.45

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/20/15
Weather	Rainy
Purging Equipment	Masterflex
Sampling Equipment	Horiba
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	10.79

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
11:55	–	0.0	7.68	11.77	0.85	1.05	58	3.91	
12:00	1	766	7.35	11.25	0.14	1.01	-24	4.22	
12:05	1.5	647	7.34	11.28	0.14	1.01	-21	4.43	
12:10	2	471	7.32	11.55	0.10	1.01	-33	4.65	
12:15	2.5	429	7.31	11.69	0.10	1.01	-35	4.21	
12:20	2.8	440	7.29	11.90	0.17	1.01	-37	4.21	
12:25	3	258	7.28	11.81	0.07	1.01	-40	4.32	
12:30	3.7	270	7.29	11.40	0.00	1.01	-40	4.32	
12:35	4.5	160	7.29	11.24	0.00	1.01	-43	4.71	
12:40	5	103	7.28	11.35	0.00	1.01	-45	4.73	
12:45	6	63	7.29	11.26	0.00	1.01	-18	4.70	
12:50	7	52	7.29	11.34	0.00	1.00	-48	4.71	
12:55	7.5	83.7	7.29	11.20	0.00	1.01	-47	4.71	
1:00	8	83.6	7.29	11.15	0.00	1.01	-48	4.71	
1:05	8.5	83.6	7.29	11.15	0.00	1.00	-47	4.71	

Site Name	Jucks Onyccners
Site Location	Brewerton
Well ID	MW-14BR
Sampled By	MD

Well Information

Flush Mount or Riser	Riser
Measuring Point	TOC
Measuring Point Elevation	—
Depth to Water	4.03
Depth to Bottom of Well	34.20

Aztech Technologies, Inc.

EXPERTISE YOU CAN COUNT ON

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Date	10/20/15
Weather	rain
Purging Equipment	Monsoon
Sampling Equipment	Horiba
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	12.20

Lots of iron visible in tubing

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
11:30	—	1000	7.99	10.73°C	3.70	1.16	-71	5.44	
11:55	.25	485	7.72	10.58°C	2.58	1.15	-72	6.10	
12:00	.5	0.0	7.52	10.86°C	4.51	1.15	-80	7.40	
12:05	.75	271	7.43	10.94°C	3.21	1.15	-83	7.70	
12:10	1 gal	0.0	7.39	11.22°C	4.60	1.15	-84	7.98	
12:15	1.5	185	7.37	10.76°C	4.60	1.15	-85	8.68	
12:20	1.75	0.0	7.35	10.71°C	5.15	1.15	-86	9.40	
12:25	2 gal	0.0	7.35	10.68°C	5.14	1.15	-86	9.51	
12:30	2.25	0.0	7.34	10.72°C	5.14	1.15	-86	9.57	
12:35	2.5	0.0	7.34	10.96°C	5.15	1.15	-86	9.62	

Site Name	Sucks Dry cleaners
Site Location	Brewerton
Well ID	MW-13
Sampled By	MD

Aztech Technologies, Inc.

EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Riser
Measuring Point	TOC
Measuring Point Elevation	-
Depth to Water	7.59
Depth to Bottom of Well	17.95

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	6/19/13
Weather	Sunny
Purging Equipment	Masterflex
Sampling Equipment	Horiba
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	5.06

sample @ 2:50

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
2:05	—	0.0	7.64	11.73°c	7.68	0.444	12	7.99	
2:10	.25	0.0	7.61	11.83°c	4.19	0.439	57	8.05	
2:15	.5	1000	7.63	12.05°c	4.99	0422	100	8.26	
2:20	.75	325	7.66	12.15°c	5.32	0.411	115	8.59	
2:25	1 gal	86.7	7.64	12.21°c	4.96	0.416	117	8.74	
2:30	1.25	34.8	7.68	12.14°c	5.22	0.403	104	8.67	
2:35	1.5	22.6	7.66	12.19°c	4.99	0.401	91	8.60	
2:40	2 gal	22.5	7.67	12.23°c	5.00	0.400	90	8.68	
2:45	2.5	22.6	7.67	12.22°c	5.00	0.401	90	8.54	

Site Name	Jacks Drycleaners
Site Location	Bridgeport
Well ID	MW-15 BR
Sampled By	RW

Aztech Technologies, Inc.
EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Riser
Measuring Point	TOC
Measuring Point Elevation	
Depth to Water	7.94
Depth to Bottom of Well	32.31

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/19/15
Weather	Sunny
Purging Equipment	Monsoon
Sampling Equipment	Horiba
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	11.92

Sampled @ 3:45

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
2:05	-	0.0	7.60	11.44	1.37	1.14	-19	11.51	
2:10	.5	0.0	7.67	11.45	0.66	1.05	-64	13.03	
2:15	1	1000	7.71	11.68	0.59	0.784	-42	15.55	
2:20	1.5	644	7.72	11.79	0.60	0.704	-53	16.30	
2:25	2	656	7.73	11.84	0.63	0.656	-50	17.62	
2:30	2.5	0.0	7.39	11.73	0.65	1.31	-36	17.65	
2:35	3.2	859	7.29	11.40	0.49	1.64	-44	17.52	
2:40	4.2	629	7.24	11.31	0.42	1.70	-47	18.65	
2:45	4.6	384	7.25	11.25	0.42	1.70	-48	18.09	
2:50	4.8	411	7.27	11.57	0.46	1.61	-48	18.66	
2:55	5.2	305	7.29	11.46	0.38	1.67	-52	18.35	
3:00	6	226	7.30	11.40	0.40	1.69	-54	18.52	
3:05	6.8	178	7.31	11.44	0.38	1.63	-55	18.71	
3:10	7.3	180	7.31	11.48	0.41	1.67	-55	18.72	
3:15	8.8	193	7.31	11.45	0.40	1.66	-55	19.21	
3:20	9.2	186	7.31	11.41	0.39	1.64	-56	19.21	
3:25	9.5	195	7.31	11.36	0.40	1.64	-55	19.25	
3:30	9.8	79.8	7.31	11.35	0.40	1.64	-54	19.29	
3:35	10.2	79.9	7.31	11.39	0.41	1.64	-55	19.31	
3:46	10.6	79.8	7.30	11.41	0.40	1.63	-52	19.33	

Site Name	Sacks Dry Cleaners
Site Location	Brewerton
Well ID	MW-16
Sampled By	MD

Aztech Technologies, Inc.
EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Riser
Measuring Point	TOC
Measuring Point Elevation	—
Depth to Water	11.94
Depth to Bottom of Well	24.75

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/19/15
Weather	Sunny
Purging Equipment	Monsoon
Sampling Equipment	Peristaltic
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	6.24

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
12:15	—	0.0	7.86	10.44°C	6.04	0.526	151	12.98	
12:20	.25	0.0	7.87	10.70°C	3.40	0.501	151	13.13	
12:25	.5	1000	7.86	10.78°C	3.20	0.496	153	13.20	
12:30	.75	674	7.84	10.98°C	3.30	0.492	153	13.26	
12:35	1 gal	488	7.84	11.07°C	3.40	0.490	154	13.26	
12:40	1.25	356	7.84	11.13°C	3.49	0.488	154	13.30	
12:45	1.5	261	7.84	11.21°C	3.44	0.487	154	13.28	
12:50	1.75	234	7.84	11.21°C	3.24	0.489	153	13.26	
12:55	2 gal	204	7.83	11.16°C	3.21	0.488	148	13.36	
1:00	2.25	183	7.83	11.40°C	3.14	0.487	132	13.70	
1:05	2.5	121	7.83	11.42°C	3.01	0.485	111	13.95	
1:10	2.75	88.2	7.83	11.42°C	3.12	0.484	98	14.15	
1:15	3 gal	76.4	7.83	11.39°C	2.94	0.484	97	13.74	
1:20	3.25	76.3	7.83	11.39°C	2.94	0.483	100	14.03	
1:25	3.5	76.4	7.83	11.59°C	2.93	0.484	99	14.55	

Site Name	Jacks Drycleaners
Site Location	Brewerton
Well ID	MW-103R
Sampled By	RW

Aztech Technologies, Inc.
EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Riser
Measuring Point	TOC
Measuring Point Elevation	
Depth to Water	11.51
Depth to Bottom of Well	40.75

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Date	10/19/15
Weather	Sunny
Purging Equipment	Monsoon
Sampling Equipment	Tubing
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	14.05

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
12:10	—	0.0	7.67	10.68	4.32	0.567	-85	13.35	
12:15	.7	0.0	8.02	10.59	2.48	0.540	88	16.15	
12:20	1	0.0	7.90	10.76	1.65	0.534	93	19.41	
12:25	1.8	7.61	7.85	10.81	1.39	0.532	96	20.95	
12:30	2.3	4.83	7.83	10.78	1.32	0.530	106	22.89	
12:35	2.5	131	7.76	11.09	1.18	0.523	103	24.44	
12:40	2.8	103	7.77	11.11	1.15	0.514	105	26.24	
12:45	3.2	86	7.71	11.37	1.25	0.505	112	29.04	
12:50	3.8	53.1	7.76	11.39	1.27	0.500	111	30.27	
12:55	4.1	45.5	7.78	11.52	1.44	0.495	114	31.09	
1:00	4.5	344	7.79	11.42	1.55	0.498	116	32.10	
1:05	4.8	676	7.77	11.41	1.55	0.508	119	32.10	
1:10	4.8	0.0	7.78	11.37	1.64	0.526	120	32.68	
1:15	5	0.0	7.78	11.28	1.47	0.532	121	34.01	
1:20	5.3	0.0	7.77	11.47	1.55	0.531	121	35.07	
1:25	5.6	0.0	7.76	11.69	1.42	0.533	121	35.44	
1:30	5.8	0.0	7.76	11.58	1.43	0.532	121	35.49	
1:35	6.2	0.0	7.76	11.58	1.43	0.533	120	35.57	

Site Name	Jacks Dry Cleaners
Site Location	Bremerton
Well ID	MW-17
Sampled By	MD

Aztech Technologies, Inc.
EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Riser
Measuring Point	TOC
Measuring Point Elevation	
Depth to Water	13.93
Depth to Bottom of Well	14.91

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Date	10/26/15
Weather	rain
Purging Equipment	Monsoon
Sampling Equipment	Horiba
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	2.92

well purged very quickly
Sampled at 2:15 before well went dry

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
1:35	—	1000	7.38	13.24°C	2.31	0.406	42	14.71	
1:40	.25	400	7.28	13.08°C	2.16	0.412	108	15.06	
1:45	.5	215	7.26	13.17°C	1.52	0.412	112	15.93	
1:50	.75	426	7.28	13.26°C	1.48	0.414	112	17.35	
1:55	1 gal	362	7.27	13.26°C	1.47	0.414	114	17.67	
2:00	1.25	207	7.27	13.18°C	1.47	0.414	113	17.92	
2:05	1.5	115	7.27	13.21°C	1.46	0.413	113	18.12	
2:10	1.75	92.7	7.27	13.23°C	1.47	0.414	114	18.83	

Site Name	Jacks Drycleaners
Site Location	Brewerton
Well ID	MW-17BR
Sampled By	RW

Aztech Technologies, Inc.

EXPERTISE YOU CAN COUNT ON

Well Information

Flush Mount or Riser	Riser
Measuring Point	TOC
Measuring Point Elevation	–
Depth to Water	12.65
Depth to Bottom of Well	30.51

Stabilization is achieved when the following changes are noted over three consecutive 3-5 minute readings:
± 0.1 change in pH
± 3% change in conductivity
± 10 millivolt change in ORP
± 10% change in DO and Turbidity

Dia. Well	Well Volume Multiplier
1	0.0408
1.5	0.0918
2	0.1631
3	0.3670
4	0.6525
5	1.0195
6	1.4681
8	2.6100
10	4.0782
12	5.8726
Well Volume Gallons = Multiplier x Length of Water Column	

Date	10/20/15
Weather	Cloudy
Purging Equipment	Monsoon
Sampling Equipment	Horiba
Decon Method	Alconox
Riser Diameter	2"
Well Volume Calculation	12.65

sample @ 3:10

Time	Volume Removed (Gallons)	Turbidity (NTU)	pH	Temperature (F)	Dissolved O2 (mg/L)	Conductivity (mS/cm)	ORP (mV)	Depth to Water	Pumping Rate
1:35	–	431	7.97	12.50	0.99	0.479	60	15.62	
1:40	5	314	7.98	12.67	0.08	0.479	51	16.49	
1:45	1	205	7.97	12.86	0.45	0.477	45	18.49	
1:50	1.5	61.8	7.98	12.98	0.69	0.477	45	19.68	
1:55	2	45.5	7.98	12.99	0.74	0.474	45	20.58	
2:00	2.5	68.3	7.99	13.00	0.71	0.473	-56	21.01	
2:05	3	180	7.98	12.89	0.51	0.474	44	21.18	
2:10	4	214	7.96	12.56	0.13	0.473	36	21.78	
2:15	5	187	7.95	12.74	0.10	0.478	30	21.98	
2:20	6	205	7.97	12.09	0.32	0.484	32	22.10	
2:25	7	188	7.96	12.04	0.12	0.484	22	24.03	
2:30	8	248	7.98	12.37	0.10	0.481	30	24.11	
2:35	9	435	7.99	12.6	0.22	0.486	30	24.31	
2:40	9.5	579	7.99	12.86	0.76	0.476	33	24.44	
2:45	10	180	7.94	12.76	0.75	0.477	32	24.60	
2:50	10.5	107	7.94	12.72	0.76	0.476	33	24.71	
2:55	11	99.7	7.93	12.71	0.76	0.476	33	24.82	
3:00	11.5	98.6	7.93	12.71	0.76	0.476	34	24.91	
3:05	12	97.4	7.93	12.73	0.77	0.477	34	24.96	

APPENDIX D

Laboratory Analytical Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-89604-1
Client Project/Site: Jack's Dry Cleaners #734112

For:
New York State D.E.C.
615 Erie Blvd., West
Syracuse, New York 13204

Attn: Stephanie Fitzgerald

Judy Stone

Authorized for release by:
11/3/2015 8:28:19 PM

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@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.

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.

Judy Stone
Senior Project Manager
11/3/2015 8:28:19 PM

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 9
Surrogate Summary 34
QC Sample Results 35
QC Association Summary 42
Lab Chronicle 43
Certification Summary 47
Method Summary 48
Sample Summary 49
Chain of Custody 50
Receipt Checklists 52

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds 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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
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)

Job ID: 480-89604-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-89604-1

Receipt
The samples were received on 10/22/2015 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.3º C.

Receipt Exceptions
Volumes for MS and MSD were listed on the COC as DUP MS and DUP MSD, but not associated to any samle points. Client clarified that the DUP MS goes with MW-7 and the DUP MSD goes with MW-13. Both sample points are to be analyzed with MS/MSD. DUP MS (480-89604-20) and DUP MSD (480-89604-21)

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-271719 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: MW-10BR (480-89604-8), MW-11 (480-89604-9), MW-12 (480-89604-10), MW-13 (480-89604-11), MW-14 (480-89604-12), MW-14BR (480-89604-13), MW-15 (480-89604-14), MW-15BR (480-89604-15), MW-16 (480-89604-16), MW-16BR (480-89604-17), MW-17 (480-89604-18) and MW-17BR (480-89604-19).

Method(s) 8260C: Due to the coelution of n-butyl Acetate with 2-Hexanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) associated with batch 480-271719 . The following samples are impacted: MW-10BR (480-89604-8), MW-11 (480-89604-9), MW-12 (480-89604-10), MW-13 (480-89604-11), MW-14 (480-89604-12), MW-14BR (480-89604-13), MW-15 (480-89604-14), MW-15BR (480-89604-15), MW-16 (480-89604-16), MW-16BR (480-89604-17), MW-17 (480-89604-18) and MW-17BR (480-89604-19).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-1R (480-89604-1), MW-2 (480-89604-2), MW-7 (480-89604-5), MW-7 (480-89604-5[MS]), MW-7 (480-89604-5[MSD]), MW-9 (480-89604-6), MW-12 (480-89604-10), MW-13 (480-89604-11), MW-13 (480-89604-11[MS]), MW-13 (480-89604-11[MSD]), MW-14BR (480-89604-13), MW-15BR (480-89604-15), and MW-16BR (480-89604-17). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-271804 recovered outside acceptance criteria, low biased, for Chloromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted MW-1R (480-89604-1), MW-2 (480-89604-2), MW-5 (480-89604-3), MW-6 (480-89604-4), MW-7 (480-89604-5), MW-9 (480-89604-6), MW-10 (480-89604-7), MW-16 (480-89604-16), MW-16BR (480-89604-17), MW-17 (480-89604-18) and TRIP BLANK (480-89604-22).

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

Detection Summary

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Client Sample ID: MW-1R — Lab Sample ID: 480-89604-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	550		100	81	ug/L	100		8260C	Total/NA
Tetrachloroethene	1700		100	36	ug/L	100		8260C	Total/NA
Trichloroethene	310		100	46	ug/L	100		8260C	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 480-89604-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.35	J	1.0	0.34	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	3.6		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	6.6		1.0	0.46	ug/L	1		8260C	Total/NA
Tetrachloroethene - DL	110		2.0	0.72	ug/L	2		8260C	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 480-89604-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	0.80	J	1.0	0.18	ug/L	1		8260C	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 480-89604-4

No Detections.

Client Sample ID: MW-7 — Lab Sample ID: 480-89604-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	180		20	16	ug/L	20		8260C	Total/NA
Tetrachloroethene	940	F1	20	7.2	ug/L	20		8260C	Total/NA
Trichloroethene	230		20	9.2	ug/L	20		8260C	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 480-89604-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	540		100	81	ug/L	100		8260C	Total/NA
Tetrachloroethene	3100		100	36	ug/L	100		8260C	Total/NA
Trichloroethene	550		100	46	ug/L	100		8260C	Total/NA

Client Sample ID: MW-10 — Lab Sample ID: 480-89604-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	1.2		1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW-10BR — Lab Sample ID: 480-89604-8

No Detections.

Client Sample ID: MW-11 — Lab Sample ID: 480-89604-9

No Detections.

Client Sample ID: MW-12 — Lab Sample ID: 480-89604-10

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Client Sample ID: MW-12 (Continued) — Lab Sample ID: 480-89604-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	370		20	16	ug/L	20		8260C	Total/NA
Tetrachloroethene	1100		20	7.2	ug/L	20		8260C	Total/NA
Trichloroethene	210		20	9.2	ug/L	20		8260C	Total/NA

Client Sample ID: MW-13 — Lab Sample ID: 480-89604-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1100	F1 F2	200	160	ug/L	200		8260C	Total/NA
Tetrachloroethene	6400	F1	200	72	ug/L	200		8260C	Total/NA
Trichloroethene	1100	F1 F2	200	92	ug/L	200		8260C	Total/NA

Client Sample ID: MW-14 — Lab Sample ID: 480-89604-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.0		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	25		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	4.7		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-14BR — Lab Sample ID: 480-89604-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.0		2.0	0.82	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	88		2.0	1.6	ug/L	2		8260C	Total/NA
Cyclohexane	1.1	J	2.0	0.36	ug/L	2		8260C	Total/NA
Tetrachloroethene	190		2.0	0.72	ug/L	2		8260C	Total/NA
Trichloroethene	51		2.0	0.92	ug/L	2		8260C	Total/NA
Vinyl chloride	4.8		2.0	1.8	ug/L	2		8260C	Total/NA

Client Sample ID: MW-15 — Lab Sample ID: 480-89604-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.50	J	1.0	0.36	ug/L	1		8260C	Total/NA

Client Sample ID: MW-15BR — Lab Sample ID: 480-89604-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.4		1.0	0.29	ug/L	1		8260C	Total/NA
1,2-Dichloroethane	0.56	J	1.0	0.21	ug/L	1		8260C	Total/NA
Benzene	7.9		1.0	0.41	ug/L	1		8260C	Total/NA
Chloroethane	0.90	J	1.0	0.32	ug/L	1		8260C	Total/NA
Cyclohexane	8.1		1.0	0.18	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.49	J	1.0	0.16	ug/L	1		8260C	Total/NA
Methylcyclohexane	1.8		1.0	0.16	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	6.0		1.0	0.90	ug/L	1		8260C	Total/NA
Vinyl chloride	24		1.0	0.90	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene - DL	450		40	32	ug/L	40		8260C	Total/NA
Tetrachloroethene - DL	2100		40	14	ug/L	40		8260C	Total/NA
Trichloroethene - DL	330		40	18	ug/L	40		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Client Sample ID: MW-16 — Lab Sample ID: 480-89604-16

No Detections.

Client Sample ID: MW-16BR — Lab Sample ID: 480-89604-17

No Detections.

Client Sample ID: MW-17 — Lab Sample ID: 480-89604-18

No Detections.

Client Sample ID: MW-17BR — Lab Sample ID: 480-89604-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.73	J	1.0	0.36	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-89604-22

No Detections.

This Detection Summary does not include radiochemical test results.

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Client Sample ID: MW-1R
Date Collected: 10/21/15 11:40
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			10/29/15 16:38	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			10/29/15 16:38	100
1,1,2-Trichloroethane	ND		100	23	ug/L			10/29/15 16:38	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			10/29/15 16:38	100
1,1-Dichloroethane	ND		100	38	ug/L			10/29/15 16:38	100
1,1-Dichloroethene	ND		100	29	ug/L			10/29/15 16:38	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			10/29/15 16:38	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			10/29/15 16:38	100
1,2-Dibromoethane	ND		100	73	ug/L			10/29/15 16:38	100
1,2-Dichlorobenzene	ND		100	79	ug/L			10/29/15 16:38	100
1,2-Dichloroethane	ND		100	21	ug/L			10/29/15 16:38	100
1,2-Dichloropropane	ND		100	72	ug/L			10/29/15 16:38	100
1,3-Dichlorobenzene	ND		100	78	ug/L			10/29/15 16:38	100
1,4-Dichlorobenzene	ND		100	84	ug/L			10/29/15 16:38	100
2-Hexanone	ND		500	120	ug/L			10/29/15 16:38	100
2-Butanone (MEK)	ND		1000	130	ug/L			10/29/15 16:38	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			10/29/15 16:38	100
Acetone	ND		1000	300	ug/L			10/29/15 16:38	100
Benzene	ND		100	41	ug/L			10/29/15 16:38	100
Bromodichloromethane	ND		100	39	ug/L			10/29/15 16:38	100
Bromoform	ND		100	26	ug/L			10/29/15 16:38	100
Bromomethane	ND		100	69	ug/L			10/29/15 16:38	100
Carbon disulfide	ND		100	19	ug/L			10/29/15 16:38	100
Carbon tetrachloride	ND		100	27	ug/L			10/29/15 16:38	100
Chlorobenzene	ND		100	75	ug/L			10/29/15 16:38	100
Dibromochloromethane	ND		100	32	ug/L			10/29/15 16:38	100
Chloroethane	ND		100	32	ug/L			10/29/15 16:38	100
Chloroform	ND		100	34	ug/L			10/29/15 16:38	100
Chloromethane	ND		100	35	ug/L			10/29/15 16:38	100
cis-1,2-Dichloroethene	**550**		100	81	ug/L			10/29/15 16:38	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			10/29/15 16:38	100
Cyclohexane	ND		100	18	ug/L			10/29/15 16:38	100
Dichlorodifluoromethane	ND		100	68	ug/L			10/29/15 16:38	100
Ethylbenzene	ND		100	74	ug/L			10/29/15 16:38	100
Isopropylbenzene	ND		100	79	ug/L			10/29/15 16:38	100
Methyl acetate	ND		250	130	ug/L			10/29/15 16:38	100
Methyl tert-butyl ether	ND		100	16	ug/L			10/29/15 16:38	100
Methylcyclohexane	ND		100	16	ug/L			10/29/15 16:38	100
Methylene Chloride	ND		100	44	ug/L			10/29/15 16:38	100
Styrene	ND		100	73	ug/L			10/29/15 16:38	100
Tetrachloroethene	**1700**		100	36	ug/L			10/29/15 16:38	100
Toluene	ND		100	51	ug/L			10/29/15 16:38	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			10/29/15 16:38	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			10/29/15 16:38	100
Trichloroethene	**310**		100	46	ug/L			10/29/15 16:38	100
Trichlorofluoromethane	ND		100	88	ug/L			10/29/15 16:38	100
Vinyl chloride	ND		100	90	ug/L			10/29/15 16:38	100
Xylenes, Total	ND		200	66	ug/L			10/29/15 16:38	100

Client Sample ID: MW-1R

Date Collected: 10/21/15 11:40
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*		*10/29/15 16:38*	*100*
Toluene-d8 (Surr)	*89*		*71 - 126*		*10/29/15 16:38*	*100*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*10/29/15 16:38*	*100*

Client Sample ID: MW-2

Date Collected: 10/20/15 08:15
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 17:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 17:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 17:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 17:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 17:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 17:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 17:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 17:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 17:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 17:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 17:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 17:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 17:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 17:04	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/15 17:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 17:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 17:04	1
Acetone	ND		10	3.0	ug/L			10/29/15 17:04	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 17:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 17:04	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 17:04	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 17:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 17:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 17:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 17:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 17:04	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 17:04	1
Chloroform	**0.35**	**J**	1.0	0.34	ug/L			10/29/15 17:04	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 17:04	1
cis-1,2-Dichloroethene	**3.6**		1.0	0.81	ug/L			10/29/15 17:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 17:04	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 17:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 17:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 17:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 17:04	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 17:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 17:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 17:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 17:04	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 17:04	1

Client Sample ID: MW-2

Date Collected: 10/20/15 08:15
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.51	ug/L			10/29/15 17:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 17:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 17:04	1
Trichloroethene	**6.6**		1.0	0.46	ug/L			10/29/15 17:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 17:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 17:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*10/29/15 17:04*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*		*10/29/15 17:04*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*10/29/15 17:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**110**		2.0	0.72	ug/L			10/30/15 07:00	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*10/30/15 07:00*	*2*
Toluene-d8 (Surr)	*90*		*71 - 126*		*10/30/15 07:00*	*2*
4-Bromofluorobenzene (Surr)	*79*		*73 - 120*		*10/30/15 07:00*	*2*

Client Sample ID: MW-5

Date Collected: 10/20/15 07:50
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 17:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 17:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 17:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 17:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 17:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 17:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 17:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 17:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 17:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 17:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 17:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 17:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 17:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 17:31	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/15 17:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 17:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 17:31	1
Acetone	ND		10	3.0	ug/L			10/29/15 17:31	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 17:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 17:31	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 17:31	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 17:31	1

Client Sample ID: MW-5

Date Collected: 10/20/15 07:50
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 17:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 17:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 17:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 17:31	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 17:31	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 17:31	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 17:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/15 17:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 17:31	1
Cyclohexane	**0.80**	**J**	1.0	0.18	ug/L			10/29/15 17:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 17:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 17:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 17:31	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 17:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 17:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 17:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 17:31	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 17:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/15 17:31	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 17:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 17:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 17:31	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/15 17:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 17:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 17:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*10/29/15 17:31*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*10/29/15 17:31*	*1*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*10/29/15 17:31*	*1*

Client Sample ID: MW-6

Date Collected: 10/21/15 10:00
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 17:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 17:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 17:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 17:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 17:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 17:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 17:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 17:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 17:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 17:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 17:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 17:58	1

Client Sample ID: MW-6

Date Collected: 10/21/15 10:00
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 17:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 17:58	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/15 17:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 17:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 17:58	1
Acetone	ND		10	3.0	ug/L			10/29/15 17:58	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 17:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 17:58	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 17:58	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 17:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 17:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 17:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 17:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 17:58	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 17:58	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 17:58	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 17:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/15 17:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 17:58	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 17:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 17:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 17:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 17:58	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 17:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 17:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 17:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 17:58	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 17:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/15 17:58	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 17:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 17:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 17:58	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/15 17:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 17:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 17:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*10/29/15 17:58*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*10/29/15 17:58*	*1*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*10/29/15 17:58*	*1*

Client Sample ID: MW-7

Date Collected: 10/21/15 08:10
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			10/29/15 18:25	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			10/29/15 18:25	20

Client Sample ID: MW-7
Date Collected: 10/21/15 08:10
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		20	4.6	ug/L			10/29/15 18:25	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			10/29/15 18:25	20
1,1-Dichloroethane	ND		20	7.6	ug/L			10/29/15 18:25	20
1,1-Dichloroethene	ND		20	5.8	ug/L			10/29/15 18:25	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			10/29/15 18:25	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			10/29/15 18:25	20
1,2-Dibromoethane	ND		20	15	ug/L			10/29/15 18:25	20
1,2-Dichlorobenzene	ND		20	16	ug/L			10/29/15 18:25	20
1,2-Dichloroethane	ND		20	4.2	ug/L			10/29/15 18:25	20
1,2-Dichloropropane	ND		20	14	ug/L			10/29/15 18:25	20
1,3-Dichlorobenzene	ND		20	16	ug/L			10/29/15 18:25	20
1,4-Dichlorobenzene	ND		20	17	ug/L			10/29/15 18:25	20
2-Hexanone	ND		100	25	ug/L			10/29/15 18:25	20
2-Butanone (MEK)	ND		200	26	ug/L			10/29/15 18:25	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			10/29/15 18:25	20
Acetone	ND		200	60	ug/L			10/29/15 18:25	20
Benzene	ND		20	8.2	ug/L			10/29/15 18:25	20
Bromodichloromethane	ND		20	7.8	ug/L			10/29/15 18:25	20
Bromoform	ND		20	5.2	ug/L			10/29/15 18:25	20
Bromomethane	ND		20	14	ug/L			10/29/15 18:25	20
Carbon disulfide	ND		20	3.8	ug/L			10/29/15 18:25	20
Carbon tetrachloride	ND		20	5.4	ug/L			10/29/15 18:25	20
Chlorobenzene	ND		20	15	ug/L			10/29/15 18:25	20
Dibromochloromethane	ND		20	6.4	ug/L			10/29/15 18:25	20
Chloroethane	ND		20	6.4	ug/L			10/29/15 18:25	20
Chloroform	ND		20	6.8	ug/L			10/29/15 18:25	20
Chloromethane	ND		20	7.0	ug/L			10/29/15 18:25	20
cis-1,2-Dichloroethene	**180**		20	16	ug/L			10/29/15 18:25	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			10/29/15 18:25	20
Cyclohexane	ND		20	3.6	ug/L			10/29/15 18:25	20
Dichlorodifluoromethane	ND	F2	20	14	ug/L			10/29/15 18:25	20
Ethylbenzene	ND		20	15	ug/L			10/29/15 18:25	20
Isopropylbenzene	ND		20	16	ug/L			10/29/15 18:25	20
Methyl acetate	ND		50	26	ug/L			10/29/15 18:25	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			10/29/15 18:25	20
Methylcyclohexane	ND		20	3.2	ug/L			10/29/15 18:25	20
Methylene Chloride	ND		20	8.8	ug/L			10/29/15 18:25	20
Styrene	ND		20	15	ug/L			10/29/15 18:25	20
Tetrachloroethene	**940**	**F1**	20	7.2	ug/L			10/29/15 18:25	20
Toluene	ND		20	10	ug/L			10/29/15 18:25	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			10/29/15 18:25	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			10/29/15 18:25	20
Trichloroethene	**230**		20	9.2	ug/L			10/29/15 18:25	20
Trichlorofluoromethane	ND		20	18	ug/L			10/29/15 18:25	20
Vinyl chloride	ND		20	18	ug/L			10/29/15 18:25	20
Xylenes, Total	ND		40	13	ug/L			10/29/15 18:25	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*10/29/15 18:25*	*20*
Toluene-d8 (Surr)	*91*		*71 - 126*		*10/29/15 18:25*	*20*

Client Sample ID: MW-7

Lab Sample ID: 480-89604-5

Date Collected: 10/21/15 08:10

Matrix: Water

Date Received: 10/22/15 02:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		73 - 120		10/29/15 18:25	20

Client Sample ID: MW-9

Lab Sample ID: 480-89604-6

Date Collected: 10/21/15 08:25

Matrix: Water

Date Received: 10/22/15 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			10/29/15 18:52	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			10/29/15 18:52	100
1,1,2-Trichloroethane	ND		100	23	ug/L			10/29/15 18:52	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			10/29/15 18:52	100
1,1-Dichloroethane	ND		100	38	ug/L			10/29/15 18:52	100
1,1-Dichloroethene	ND		100	29	ug/L			10/29/15 18:52	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			10/29/15 18:52	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			10/29/15 18:52	100
1,2-Dibromoethane	ND		100	73	ug/L			10/29/15 18:52	100
1,2-Dichlorobenzene	ND		100	79	ug/L			10/29/15 18:52	100
1,2-Dichloroethane	ND		100	21	ug/L			10/29/15 18:52	100
1,2-Dichloropropane	ND		100	72	ug/L			10/29/15 18:52	100
1,3-Dichlorobenzene	ND		100	78	ug/L			10/29/15 18:52	100
1,4-Dichlorobenzene	ND		100	84	ug/L			10/29/15 18:52	100
2-Hexanone	ND		500	120	ug/L			10/29/15 18:52	100
2-Butanone (MEK)	ND		1000	130	ug/L			10/29/15 18:52	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			10/29/15 18:52	100
Acetone	ND		1000	300	ug/L			10/29/15 18:52	100
Benzene	ND		100	41	ug/L			10/29/15 18:52	100
Bromodichloromethane	ND		100	39	ug/L			10/29/15 18:52	100
Bromoform	ND		100	26	ug/L			10/29/15 18:52	100
Bromomethane	ND		100	69	ug/L			10/29/15 18:52	100
Carbon disulfide	ND		100	19	ug/L			10/29/15 18:52	100
Carbon tetrachloride	ND		100	27	ug/L			10/29/15 18:52	100
Chlorobenzene	ND		100	75	ug/L			10/29/15 18:52	100
Dibromochloromethane	ND		100	32	ug/L			10/29/15 18:52	100
Chloroethane	ND		100	32	ug/L			10/29/15 18:52	100
Chloroform	ND		100	34	ug/L			10/29/15 18:52	100
Chloromethane	ND		100	35	ug/L			10/29/15 18:52	100
cis-1,2-Dichloroethene	**540**		100	81	ug/L			10/29/15 18:52	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			10/29/15 18:52	100
Cyclohexane	ND		100	18	ug/L			10/29/15 18:52	100
Dichlorodifluoromethane	ND		100	68	ug/L			10/29/15 18:52	100
Ethylbenzene	ND		100	74	ug/L			10/29/15 18:52	100
Isopropylbenzene	ND		100	79	ug/L			10/29/15 18:52	100
Methyl acetate	ND		250	130	ug/L			10/29/15 18:52	100
Methyl tert-butyl ether	ND		100	16	ug/L			10/29/15 18:52	100
Methylcyclohexane	ND		100	16	ug/L			10/29/15 18:52	100
Methylene Chloride	ND		100	44	ug/L			10/29/15 18:52	100
Styrene	ND		100	73	ug/L			10/29/15 18:52	100
Tetrachloroethene	**3100**		100	36	ug/L			10/29/15 18:52	100

Client Sample ID: MW-9

Date Collected: 10/21/15 08:25
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		100	51	ug/L			10/29/15 18:52	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			10/29/15 18:52	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			10/29/15 18:52	100
Trichloroethene	**550**		100	46	ug/L			10/29/15 18:52	100
Trichlorofluoromethane	ND		100	88	ug/L			10/29/15 18:52	100
Vinyl chloride	ND		100	90	ug/L			10/29/15 18:52	100
Xylenes, Total	ND		200	66	ug/L			10/29/15 18:52	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*10/29/15 18:52*	*100*
Toluene-d8 (Surr)	*91*		*71 - 126*		*10/29/15 18:52*	*100*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*10/29/15 18:52*	*100*

Client Sample ID: MW-10

Date Collected: 10/20/15 11:20
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 19:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 19:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 19:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 19:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 19:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 19:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 19:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 19:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 19:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 19:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 19:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 19:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 19:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 19:19	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/15 19:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 19:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 19:19	1
Acetone	ND		10	3.0	ug/L			10/29/15 19:19	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 19:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 19:19	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 19:19	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 19:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 19:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 19:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 19:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 19:19	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 19:19	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 19:19	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 19:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/15 19:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 19:19	1

Client Sample ID: MW-10

Lab Sample ID: 480-89604-7

Date Collected: 10/20/15 11:20

Matrix: Water

Date Received: 10/22/15 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 19:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 19:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 19:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 19:19	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 19:19	1
Methyl tert-butyl ether	**1.2**		1.0	0.16	ug/L			10/29/15 19:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 19:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 19:19	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 19:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/15 19:19	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 19:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 19:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 19:19	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/15 19:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 19:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 19:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*10/29/15 19:19*	*1*
Toluene-d8 (Surr)	*90*		*71 - 126*		*10/29/15 19:19*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*10/29/15 19:19*	*1*

Client Sample ID: MW-10BR

Lab Sample ID: 480-89604-8

Date Collected: 10/20/15 11:10

Matrix: Water

Date Received: 10/22/15 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 00:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 00:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 00:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 00:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 00:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 00:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 00:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 00:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 00:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 00:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 00:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 00:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 00:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 00:50	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/29/15 00:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 00:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 00:50	1
Acetone	ND		10	3.0	ug/L			10/29/15 00:50	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 00:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 00:50	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 00:50	1

Client Sample ID: MW-10BR

Lab Sample ID: 480-89604-8

Date Collected: 10/20/15 11:10

Matrix: Water

Date Received: 10/22/15 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 00:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 00:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 00:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 00:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 00:50	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 00:50	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 00:50	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 00:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/15 00:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 00:50	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 00:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 00:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 00:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 00:50	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 00:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 00:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 00:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 00:50	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 00:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/15 00:50	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 00:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 00:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 00:50	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/15 00:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 00:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 00:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*10/29/15 00:50*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*10/29/15 00:50*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*10/29/15 00:50*	*1*

Client Sample ID: MW-11

Lab Sample ID: 480-89604-9

Date Collected: 10/20/15 10:00

Matrix: Water

Date Received: 10/22/15 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 01:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 01:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 01:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 01:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 01:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 01:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 01:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 01:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 01:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 01:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 01:16	1

Client Sample ID: MW-11

Lab Sample ID: 480-89604-9

Date Collected: 10/20/15 10:00

Matrix: Water

Date Received: 10/22/15 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 01:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 01:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 01:16	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/29/15 01:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 01:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 01:16	1
Acetone	ND		10	3.0	ug/L			10/29/15 01:16	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 01:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 01:16	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 01:16	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 01:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 01:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 01:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 01:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 01:16	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 01:16	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 01:16	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 01:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/15 01:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 01:16	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 01:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 01:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 01:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 01:16	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 01:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 01:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 01:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 01:16	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 01:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/15 01:16	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 01:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 01:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 01:16	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/15 01:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 01:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 01:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*10/29/15 01:16*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*10/29/15 01:16*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*10/29/15 01:16*	*1*

Client Sample ID: MW-12

Lab Sample ID: 480-89604-10

Date Collected: 10/20/15 09:50

Matrix: Water

Date Received: 10/22/15 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			10/29/15 01:41	20

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Client Sample ID: MW-12
Date Collected: 10/20/15 09:50
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			10/29/15 01:41	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			10/29/15 01:41	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			10/29/15 01:41	20
1,1-Dichloroethane	ND		20	7.6	ug/L			10/29/15 01:41	20
1,1-Dichloroethene	ND		20	5.8	ug/L			10/29/15 01:41	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			10/29/15 01:41	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			10/29/15 01:41	20
1,2-Dibromoethane	ND		20	15	ug/L			10/29/15 01:41	20
1,2-Dichlorobenzene	ND		20	16	ug/L			10/29/15 01:41	20
1,2-Dichloroethane	ND		20	4.2	ug/L			10/29/15 01:41	20
1,2-Dichloropropane	ND		20	14	ug/L			10/29/15 01:41	20
1,3-Dichlorobenzene	ND		20	16	ug/L			10/29/15 01:41	20
1,4-Dichlorobenzene	ND		20	17	ug/L			10/29/15 01:41	20
2-Hexanone	ND	*	100	25	ug/L			10/29/15 01:41	20
2-Butanone (MEK)	ND		200	26	ug/L			10/29/15 01:41	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			10/29/15 01:41	20
Acetone	ND		200	60	ug/L			10/29/15 01:41	20
Benzene	ND		20	8.2	ug/L			10/29/15 01:41	20
Bromodichloromethane	ND		20	7.8	ug/L			10/29/15 01:41	20
Bromoform	ND		20	5.2	ug/L			10/29/15 01:41	20
Bromomethane	ND		20	14	ug/L			10/29/15 01:41	20
Carbon disulfide	ND		20	3.8	ug/L			10/29/15 01:41	20
Carbon tetrachloride	ND		20	5.4	ug/L			10/29/15 01:41	20
Chlorobenzene	ND		20	15	ug/L			10/29/15 01:41	20
Dibromochloromethane	ND		20	6.4	ug/L			10/29/15 01:41	20
Chloroethane	ND		20	6.4	ug/L			10/29/15 01:41	20
Chloroform	ND		20	6.8	ug/L			10/29/15 01:41	20
Chloromethane	ND		20	7.0	ug/L			10/29/15 01:41	20
cis-1,2-Dichloroethene	**370**		20	16	ug/L			10/29/15 01:41	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			10/29/15 01:41	20
Cyclohexane	ND		20	3.6	ug/L			10/29/15 01:41	20
Dichlorodifluoromethane	ND		20	14	ug/L			10/29/15 01:41	20
Ethylbenzene	ND		20	15	ug/L			10/29/15 01:41	20
Isopropylbenzene	ND		20	16	ug/L			10/29/15 01:41	20
Methyl acetate	ND		50	26	ug/L			10/29/15 01:41	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			10/29/15 01:41	20
Methylcyclohexane	ND		20	3.2	ug/L			10/29/15 01:41	20
Methylene Chloride	ND		20	8.8	ug/L			10/29/15 01:41	20
Styrene	ND		20	15	ug/L			10/29/15 01:41	20
Tetrachloroethene	**1100**		20	7.2	ug/L			10/29/15 01:41	20
Toluene	ND		20	10	ug/L			10/29/15 01:41	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			10/29/15 01:41	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			10/29/15 01:41	20
Trichloroethene	**210**		20	9.2	ug/L			10/29/15 01:41	20
Trichlorofluoromethane	ND		20	18	ug/L			10/29/15 01:41	20
Vinyl chloride	ND		20	18	ug/L			10/29/15 01:41	20
Xylenes, Total	ND		40	13	ug/L			10/29/15 01:41	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*10/29/15 01:41*	*20*

Client Sample ID: MW-12

Date Collected: 10/20/15 09:50
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-10
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		71 - 126		10/29/15 01:41	20
4-Bromofluorobenzene (Surr)	97		73 - 120		10/29/15 01:41	20

Client Sample ID: MW-13

Date Collected: 10/21/15 09:50
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1 F2	200	160	ug/L			10/29/15 05:27	200
1,1,2,2-Tetrachloroethane	ND	F1 F2	200	42	ug/L			10/29/15 05:27	200
1,1,2-Trichloroethane	ND	F1 F2	200	46	ug/L			10/29/15 05:27	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1 F2	200	62	ug/L			10/29/15 05:27	200
1,1-Dichloroethane	ND	F1 F2	200	76	ug/L			10/29/15 05:27	200
1,1-Dichloroethene	ND	F1 F2	200	58	ug/L			10/29/15 05:27	200
1,2,4-Trichlorobenzene	ND	F1 F2	200	82	ug/L			10/29/15 05:27	200
1,2-Dibromo-3-Chloropropane	ND	F1 F2	200	78	ug/L			10/29/15 05:27	200
1,2-Dibromoethane	ND	F1 F2	200	150	ug/L			10/29/15 05:27	200
1,2-Dichlorobenzene	ND	F1 F2	200	160	ug/L			10/29/15 05:27	200
1,2-Dichloroethane	ND	F1 F2	200	42	ug/L			10/29/15 05:27	200
1,2-Dichloropropane	ND	F1 F2	200	140	ug/L			10/29/15 05:27	200
1,3-Dichlorobenzene	ND	F1 F2	200	160	ug/L			10/29/15 05:27	200
1,4-Dichlorobenzene	ND	F1 F2	200	170	ug/L			10/29/15 05:27	200
2-Hexanone	ND	* F1 F2	1000	250	ug/L			10/29/15 05:27	200
2-Butanone (MEK)	ND	F1 F2	2000	260	ug/L			10/29/15 05:27	200
4-Methyl-2-pentanone (MIBK)	ND	F1 F2	1000	420	ug/L			10/29/15 05:27	200
Acetone	ND	F1 F2	2000	600	ug/L			10/29/15 05:27	200
Benzene	ND	F1 F2	200	82	ug/L			10/29/15 05:27	200
Bromodichloromethane	ND	F1 F2	200	78	ug/L			10/29/15 05:27	200
Bromoform	ND	F1 F2	200	52	ug/L			10/29/15 05:27	200
Bromomethane	ND	F1 F2	200	140	ug/L			10/29/15 05:27	200
Carbon disulfide	ND	F1 F2	200	38	ug/L			10/29/15 05:27	200
Carbon tetrachloride	ND	F1 F2	200	54	ug/L			10/29/15 05:27	200
Chlorobenzene	ND	F1 F2	200	150	ug/L			10/29/15 05:27	200
Dibromochloromethane	ND	F1 F2	200	64	ug/L			10/29/15 05:27	200
Chloroethane	ND	F1 F2	200	64	ug/L			10/29/15 05:27	200
Chloroform	ND	F1 F2	200	68	ug/L			10/29/15 05:27	200
Chloromethane	ND	F1 F2	200	70	ug/L			10/29/15 05:27	200
cis-1,2-Dichloroethene	**1100**	**F1 F2**	200	160	ug/L			10/29/15 05:27	200
cis-1,3-Dichloropropene	ND	F1 F2	200	72	ug/L			10/29/15 05:27	200
Cyclohexane	ND	F1 F2	200	36	ug/L			10/29/15 05:27	200
Dichlorodifluoromethane	ND	F1 F2	200	140	ug/L			10/29/15 05:27	200
Ethylbenzene	ND	F1 F2	200	150	ug/L			10/29/15 05:27	200
Isopropylbenzene	ND	F1 F2	200	160	ug/L			10/29/15 05:27	200
Methyl acetate	ND	F1 F2	500	260	ug/L			10/29/15 05:27	200
Methyl tert-butyl ether	ND	F1 F2	200	32	ug/L			10/29/15 05:27	200
Methylcyclohexane	ND	F1 F2	200	32	ug/L			10/29/15 05:27	200
Methylene Chloride	ND	F1 F2	200	88	ug/L			10/29/15 05:27	200
Styrene	ND	F1 F2	200	150	ug/L			10/29/15 05:27	200

Client Sample ID: MW-13

Date Collected: 10/21/15 09:50
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**6400**	**F1**	200	72	ug/L			10/29/15 05:27	200
Toluene	ND	F1 F2	200	100	ug/L			10/29/15 05:27	200
trans-1,2-Dichloroethene	ND	F1 F2	200	180	ug/L			10/29/15 05:27	200
trans-1,3-Dichloropropene	ND	F1 F2	200	74	ug/L			10/29/15 05:27	200
Trichloroethene	**1100**	**F1 F2**	200	92	ug/L			10/29/15 05:27	200
Trichlorofluoromethane	ND	F1 F2	200	180	ug/L			10/29/15 05:27	200
Vinyl chloride	ND	F1 F2	200	180	ug/L			10/29/15 05:27	200
Xylenes, Total	ND	F1 F2	400	130	ug/L			10/29/15 05:27	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*10/29/15 05:27*	*200*
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/29/15 05:27*	*200*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/29/15 05:27*	*200*

Client Sample ID: MW-14

Date Collected: 10/20/15 13:10
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 02:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 02:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 02:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 02:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 02:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 02:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 02:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 02:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 02:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 02:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 02:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 02:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 02:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 02:07	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/29/15 02:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 02:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 02:07	1
Acetone	ND		10	3.0	ug/L			10/29/15 02:07	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 02:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 02:07	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 02:07	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 02:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 02:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 02:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 02:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 02:07	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 02:07	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 02:07	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 02:07	1
cis-1,2-Dichloroethene	**7.0**		1.0	0.81	ug/L			10/29/15 02:07	1

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Client Sample ID: MW-14

Date Collected: 10/20/15 13:10
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 02:07	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 02:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 02:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 02:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 02:07	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 02:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 02:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 02:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 02:07	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 02:07	1
Tetrachloroethene	**25**		1.0	0.36	ug/L			10/29/15 02:07	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 02:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 02:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 02:07	1
Trichloroethene	**4.7**		1.0	0.46	ug/L			10/29/15 02:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 02:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 02:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*10/29/15 02:07*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*10/29/15 02:07*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*10/29/15 02:07*	*1*

Client Sample ID: MW-14BR

Date Collected: 10/20/15 12:40
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			10/29/15 02:32	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			10/29/15 02:32	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			10/29/15 02:32	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			10/29/15 02:32	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			10/29/15 02:32	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			10/29/15 02:32	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			10/29/15 02:32	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			10/29/15 02:32	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			10/29/15 02:32	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			10/29/15 02:32	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			10/29/15 02:32	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			10/29/15 02:32	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			10/29/15 02:32	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			10/29/15 02:32	2
2-Hexanone	ND	*	10	2.5	ug/L			10/29/15 02:32	2
2-Butanone (MEK)	ND		20	2.6	ug/L			10/29/15 02:32	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			10/29/15 02:32	2
Acetone	ND		20	6.0	ug/L			10/29/15 02:32	2
Benzene	**2.0**		2.0	0.82	ug/L			10/29/15 02:32	2
Bromodichloromethane	ND		2.0	0.78	ug/L			10/29/15 02:32	2

Client Sample ID: MW-14BR

Date Collected: 10/20/15 12:40
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		2.0	0.52	ug/L			10/29/15 02:32	2
Bromomethane	ND		2.0	1.4	ug/L			10/29/15 02:32	2
Carbon disulfide	ND		2.0	0.38	ug/L			10/29/15 02:32	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			10/29/15 02:32	2
Chlorobenzene	ND		2.0	1.5	ug/L			10/29/15 02:32	2
Dibromochloromethane	ND		2.0	0.64	ug/L			10/29/15 02:32	2
Chloroethane	ND		2.0	0.64	ug/L			10/29/15 02:32	2
Chloroform	ND		2.0	0.68	ug/L			10/29/15 02:32	2
Chloromethane	ND		2.0	0.70	ug/L			10/29/15 02:32	2
cis-1,2-Dichloroethene	**88**		2.0	1.6	ug/L			10/29/15 02:32	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			10/29/15 02:32	2
Cyclohexane	**1.1**	**J**	2.0	0.36	ug/L			10/29/15 02:32	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			10/29/15 02:32	2
Ethylbenzene	ND		2.0	1.5	ug/L			10/29/15 02:32	2
Isopropylbenzene	ND		2.0	1.6	ug/L			10/29/15 02:32	2
Methyl acetate	ND		5.0	2.6	ug/L			10/29/15 02:32	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			10/29/15 02:32	2
Methylcyclohexane	ND		2.0	0.32	ug/L			10/29/15 02:32	2
Methylene Chloride	ND		2.0	0.88	ug/L			10/29/15 02:32	2
Styrene	ND		2.0	1.5	ug/L			10/29/15 02:32	2
Tetrachloroethene	**190**		2.0	0.72	ug/L			10/29/15 02:32	2
Toluene	ND		2.0	1.0	ug/L			10/29/15 02:32	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			10/29/15 02:32	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			10/29/15 02:32	2
Trichloroethene	**51**		2.0	0.92	ug/L			10/29/15 02:32	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			10/29/15 02:32	2
Vinyl chloride	**4.8**		2.0	1.8	ug/L			10/29/15 02:32	2
Xylenes, Total	ND		4.0	1.3	ug/L			10/29/15 02:32	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*10/29/15 02:32*	*2*
Toluene-d8 (Surr)	*98*		*71 - 126*		*10/29/15 02:32*	*2*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*10/29/15 02:32*	*2*

Client Sample ID: MW-15

Date Collected: 10/19/15 14:50
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 02:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 02:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 02:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 02:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 02:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 02:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 02:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 02:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 02:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 02:57	1

Client Sample ID: MW-15
Date Collected: 10/19/15 14:50
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 02:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 02:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 02:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 02:57	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/29/15 02:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 02:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 02:57	1
Acetone	ND		10	3.0	ug/L			10/29/15 02:57	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 02:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 02:57	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 02:57	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 02:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 02:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 02:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 02:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 02:57	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 02:57	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 02:57	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 02:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/15 02:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 02:57	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 02:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 02:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 02:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 02:57	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 02:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 02:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 02:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 02:57	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 02:57	1
Tetrachloroethene	**0.50**	**J**	1.0	0.36	ug/L			10/29/15 02:57	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 02:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 02:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 02:57	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/15 02:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 02:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 02:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*10/29/15 02:57*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*10/29/15 02:57*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/29/15 02:57*	*1*

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Client Sample ID: MW-15BR
Date Collected: 10/19/15 15:45
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 03:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 03:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 03:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 03:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 03:22	1
1,1-Dichloroethene	**1.4**		1.0	0.29	ug/L			10/29/15 03:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 03:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 03:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 03:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 03:22	1
1,2-Dichloroethane	**0.56**	**J**	1.0	0.21	ug/L			10/29/15 03:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 03:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 03:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 03:22	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/29/15 03:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 03:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 03:22	1
Acetone	ND		10	3.0	ug/L			10/29/15 03:22	1
Benzene	**7.9**		1.0	0.41	ug/L			10/29/15 03:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 03:22	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 03:22	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 03:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 03:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 03:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 03:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 03:22	1
Chloroethane	**0.90**	**J**	1.0	0.32	ug/L			10/29/15 03:22	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 03:22	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 03:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 03:22	1
Cyclohexane	**8.1**		1.0	0.18	ug/L			10/29/15 03:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 03:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 03:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 03:22	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 03:22	1
Methyl tert-butyl ether	**0.49**	**J**	1.0	0.16	ug/L			10/29/15 03:22	1
Methylcyclohexane	**1.8**		1.0	0.16	ug/L			10/29/15 03:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 03:22	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 03:22	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 03:22	1
trans-1,2-Dichloroethene	**6.0**		1.0	0.90	ug/L			10/29/15 03:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 03:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 03:22	1
Vinyl chloride	**24**		1.0	0.90	ug/L			10/29/15 03:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*10/29/15 03:22*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*10/29/15 03:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*10/29/15 03:22*	*1*

TestAmerica Buffalo

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	450		40	32	ug/L			10/29/15 14:51	40
Tetrachloroethene	2100		40	14	ug/L			10/29/15 14:51	40
Trichloroethene	330		40	18	ug/L			10/29/15 14:51	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*10/29/15 14:51*	*40*
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/29/15 14:51*	*40*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*10/29/15 14:51*	*40*

Client Sample ID: MW-16

Date Collected: 10/19/15 13:30
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-16

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 15:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 15:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 15:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 15:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 15:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 15:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 15:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 15:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 15:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 15:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 15:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 15:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 15:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 15:17	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/15 15:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 15:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 15:17	1
Acetone	ND		10	3.0	ug/L			10/29/15 15:17	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 15:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 15:17	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 15:17	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 15:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 15:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 15:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 15:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 15:17	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 15:17	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 15:17	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 15:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/15 15:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 15:17	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 15:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 15:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 15:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 15:17	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 15:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 15:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 15:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 15:17	1

Client Sample ID: MW-16

Date Collected: 10/19/15 13:30
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-16

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			10/29/15 15:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/15 15:17	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 15:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 15:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 15:17	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/15 15:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 15:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 15:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*10/29/15 15:17*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*10/29/15 15:17*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*10/29/15 15:17*	*1*

Client Sample ID: MW-16BR

Date Collected: 10/19/15 13:40
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-17

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 15:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 15:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 15:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 15:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 15:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 15:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 15:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 15:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 15:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 15:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 15:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 15:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 15:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 15:44	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/15 15:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 15:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 15:44	1
Acetone	ND		10	3.0	ug/L			10/29/15 15:44	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 15:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 15:44	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 15:44	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 15:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 15:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 15:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 15:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 15:44	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 15:44	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 15:44	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 15:44	1

Client Sample ID: MW-16BR

Lab Sample ID: 480-89604-17

Date Collected: 10/19/15 13:40

Matrix: Water

Date Received: 10/22/15 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/15 15:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 15:44	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 15:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 15:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 15:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 15:44	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 15:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 15:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 15:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 15:44	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 15:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/15 15:44	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 15:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 15:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 15:44	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/15 15:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 15:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 15:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*		*10/29/15 15:44*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*10/29/15 15:44*	*1*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*10/29/15 15:44*	*1*

Client Sample ID: MW-17

Lab Sample ID: 480-89604-18

Date Collected: 10/20/15 14:20

Matrix: Water

Date Received: 10/22/15 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 16:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 16:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 16:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 16:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 16:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 16:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 16:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 16:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 16:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 16:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 16:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 16:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 16:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 16:11	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/15 16:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 16:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 16:11	1
Acetone	ND		10	3.0	ug/L			10/29/15 16:11	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 16:11	1

Client Sample ID: MW-17

Lab Sample ID: 480-89604-18

Date Collected: 10/20/15 14:20

Matrix: Water

Date Received: 10/22/15 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 16:11	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 16:11	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 16:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 16:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 16:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 16:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 16:11	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 16:11	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 16:11	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 16:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/15 16:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 16:11	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 16:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 16:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 16:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 16:11	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 16:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 16:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 16:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 16:11	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 16:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/15 16:11	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 16:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 16:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 16:11	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/15 16:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 16:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 16:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*10/29/15 16:11*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/29/15 16:11*	*1*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*10/29/15 16:11*	*1*

Client Sample ID: MW-17BR

Lab Sample ID: 480-89604-19

Date Collected: 10/20/15 15:10

Matrix: Water

Date Received: 10/22/15 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 05:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 05:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 05:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 05:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 05:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 05:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 05:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 05:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 05:02	1

Client Sample ID: MW-17BR
Date Collected: 10/20/15 15:10
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-19
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 05:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 05:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 05:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 05:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 05:02	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/29/15 05:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 05:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 05:02	1
Acetone	ND		10	3.0	ug/L			10/29/15 05:02	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 05:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 05:02	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 05:02	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 05:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 05:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 05:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 05:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 05:02	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 05:02	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 05:02	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 05:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/15 05:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 05:02	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 05:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 05:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 05:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 05:02	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 05:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 05:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 05:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 05:02	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 05:02	1
Tetrachloroethene	**0.73**	**J**	1.0	0.36	ug/L			10/29/15 05:02	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 05:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 05:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 05:02	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/15 05:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 05:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 05:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*10/29/15 05:02*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*10/29/15 05:02*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/29/15 05:02*	*1*

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Client Sample ID: TRIP BLANK
Date Collected: 10/21/15 00:00
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-22
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 12:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 12:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 12:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 12:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 12:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 12:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 12:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 12:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 12:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 12:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 12:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 12:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 12:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 12:36	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/15 12:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 12:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 12:36	1
Acetone	ND		10	3.0	ug/L			10/29/15 12:36	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 12:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 12:36	1
Bromoform	ND		1.0	0.26	ug/L			10/29/15 12:36	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 12:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 12:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 12:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 12:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 12:36	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 12:36	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 12:36	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 12:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/15 12:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 12:36	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 12:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 12:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 12:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 12:36	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 12:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 12:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 12:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 12:36	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 12:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/15 12:36	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 12:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 12:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 12:36	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/15 12:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 12:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 12:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 12:36	1

Client Sample ID: TRIP BLANK
Date Collected: 10/21/15 00:00
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-22
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		66 - 137		10/29/15 12:36	1
Toluene-d8 (Surr)	96		71 - 126		10/29/15 12:36	1
4-Bromofluorobenzene (Surr)	91		73 - 120		10/29/15 12:36	1

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-89604-1	MW-1R	95	89	81
480-89604-2	MW-2	102	91	83
480-89604-2 - DL	MW-2	107	90	79
480-89604-3	MW-5	100	93	86
480-89604-4	MW-6	105	94	88
480-89604-5	MW-7	101	91	84
480-89604-5 MS	MW-7	101	94	95
480-89604-5 MSD	MW-7	99	97	94
480-89604-6	MW-9	104	91	84
480-89604-7	MW-10	108	90	83
480-89604-8	MW-10BR	100	98	97
480-89604-9	MW-11	99	98	99
480-89604-10	MW-12	98	95	97
480-89604-11	MW-13	99	96	96
480-89604-11 MS	MW-13	98	95	90
480-89604-11 MSD	MW-13	100	98	97
480-89604-12	MW-14	101	98	100
480-89604-13	MW-14BR	97	98	98
480-89604-14	MW-15	101	97	96
480-89604-15	MW-15BR	97	101	99
480-89604-15 - DL	MW-15BR	93	92	86
480-89604-16	MW-16	91	93	83
480-89604-17	MW-16BR	95	93	85
480-89604-18	MW-17	100	96	85
480-89604-19	MW-17BR	99	97	96
480-89604-22	TRIP BLANK	89	96	91
LCS 480-271719/4	Lab Control Sample	95	98	101
LCS 480-271804/5	Lab Control Sample	86	97	92
LCS 480-272021/27	Lab Control Sample	102	97	91
MB 480-271719/6	Method Blank	99	100	96
MB 480-271804/7	Method Blank	86	92	88
MB 480-272021/6	Method Blank	99	93	82

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

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

Lab Sample ID: MB 480-271719/6
Matrix: Water
Analysis Batch: 271719

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/28/15 22:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/28/15 22:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/28/15 22:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/28/15 22:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/28/15 22:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/28/15 22:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/28/15 22:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/28/15 22:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/28/15 22:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/28/15 22:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/28/15 22:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/28/15 22:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/28/15 22:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/28/15 22:52	1
2-Hexanone	ND		5.0	1.2	ug/L			10/28/15 22:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/28/15 22:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/28/15 22:52	1
Acetone	ND		10	3.0	ug/L			10/28/15 22:52	1
Benzene	ND		1.0	0.41	ug/L			10/28/15 22:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/28/15 22:52	1
Bromoform	ND		1.0	0.26	ug/L			10/28/15 22:52	1
Bromomethane	ND		1.0	0.69	ug/L			10/28/15 22:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/28/15 22:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/28/15 22:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/28/15 22:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/28/15 22:52	1
Chloroethane	ND		1.0	0.32	ug/L			10/28/15 22:52	1
Chloroform	ND		1.0	0.34	ug/L			10/28/15 22:52	1
Chloromethane	ND		1.0	0.35	ug/L			10/28/15 22:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/28/15 22:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/28/15 22:52	1
Cyclohexane	ND		1.0	0.18	ug/L			10/28/15 22:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/28/15 22:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/28/15 22:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/28/15 22:52	1
Methyl acetate	ND		2.5	1.3	ug/L			10/28/15 22:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/28/15 22:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/28/15 22:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/28/15 22:52	1
Styrene	ND		1.0	0.73	ug/L			10/28/15 22:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/28/15 22:52	1
Toluene	ND		1.0	0.51	ug/L			10/28/15 22:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/28/15 22:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/28/15 22:52	1
Trichloroethene	ND		1.0	0.46	ug/L			10/28/15 22:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/28/15 22:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/28/15 22:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/28/15 22:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*10/28/15 22:52*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*10/28/15 22:52*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/28/15 22:52*	*1*

Lab Sample ID: LCS 480-271719/4
Matrix: Water
Analysis Batch: 271719

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	21.5		ug/L		86	71 - 129
1,1-Dichloroethene	25.0	22.3		ug/L		89	58 - 121
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	21.0		ug/L		84	75 - 127
Benzene	25.0	21.3		ug/L		85	71 - 124
Chlorobenzene	25.0	24.9		ug/L		100	72 - 120
cis-1,2-Dichloroethene	25.0	21.4		ug/L		86	74 - 124
Ethylbenzene	25.0	24.9		ug/L		100	77 - 123
Methyl tert-butyl ether	25.0	20.4		ug/L		82	64 - 127
Tetrachloroethene	25.0	27.3		ug/L		109	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	21.8		ug/L		87	73 - 127
Trichloroethene	25.0	22.6		ug/L		90	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*
Toluene-d8 (Surr)	*98*		*71 - 126*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*

Lab Sample ID: MB 480-271804/7
Matrix: Water
Analysis Batch: 271804

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/29/15 11:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/29/15 11:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/29/15 11:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/29/15 11:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/29/15 11:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/29/15 11:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/29/15 11:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/29/15 11:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/29/15 11:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/29/15 11:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/29/15 11:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/29/15 11:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/29/15 11:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/29/15 11:48	1
2-Hexanone	ND		5.0	1.2	ug/L			10/29/15 11:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/29/15 11:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/29/15 11:48	1
Acetone	ND		10	3.0	ug/L			10/29/15 11:48	1
Benzene	ND		1.0	0.41	ug/L			10/29/15 11:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/29/15 11:48	1

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

Lab Sample ID: MB 480-271804/7
Matrix: Water
Analysis Batch: 271804

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.26	ug/L			10/29/15 11:48	1
Bromomethane	ND		1.0	0.69	ug/L			10/29/15 11:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/29/15 11:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/29/15 11:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/29/15 11:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/29/15 11:48	1
Chloroethane	ND		1.0	0.32	ug/L			10/29/15 11:48	1
Chloroform	ND		1.0	0.34	ug/L			10/29/15 11:48	1
Chloromethane	ND		1.0	0.35	ug/L			10/29/15 11:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/29/15 11:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/29/15 11:48	1
Cyclohexane	ND		1.0	0.18	ug/L			10/29/15 11:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/29/15 11:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/29/15 11:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/29/15 11:48	1
Methyl acetate	ND		2.5	1.3	ug/L			10/29/15 11:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/29/15 11:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/29/15 11:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/29/15 11:48	1
Styrene	ND		1.0	0.73	ug/L			10/29/15 11:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/29/15 11:48	1
Toluene	ND		1.0	0.51	ug/L			10/29/15 11:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/29/15 11:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/29/15 11:48	1
Trichloroethene	ND		1.0	0.46	ug/L			10/29/15 11:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/29/15 11:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/29/15 11:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/29/15 11:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*66 - 137*		*10/29/15 11:48*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/29/15 11:48*	*1*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*10/29/15 11:48*	*1*

Lab Sample ID: LCS 480-271804/5
Matrix: Water
Analysis Batch: 271804

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	1250	1100		ug/L		88	71 - 129
1,1-Dichloroethene	1250	1110		ug/L		88	58 - 121
1,2-Dichlorobenzene	1250	1190		ug/L		95	80 - 124
1,2-Dichloroethane	1250	1000		ug/L		80	75 - 127
Benzene	1250	1120		ug/L		89	71 - 124
Chlorobenzene	1250	1150		ug/L		92	72 - 120
cis-1,2-Dichloroethene	1250	1080		ug/L		87	74 - 124
Ethylbenzene	1250	1150		ug/L		92	77 - 123
Methyl tert-butyl ether	1250	1120		ug/L		90	64 - 127

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

Lab Sample ID: LCS 480-271804/5
Matrix: Water
Analysis Batch: 271804

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	1250	1140		ug/L		91	74 - 122
Toluene	1250	1290		ug/L		103	80 - 122
trans-1,2-Dichloroethene	1250	1110		ug/L		89	73 - 127
Trichloroethene	1250	1080		ug/L		86	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*66 - 137*
Toluene-d8 (Surr)	*97*		*71 - 126*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*

Lab Sample ID: 480-89604-5 MS
Matrix: Water
Analysis Batch: 271804

Client Sample ID: MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		500	467		ug/L		93	71 - 129
1,1-Dichloroethene	ND		500	443		ug/L		89	58 - 121
1,2-Dichlorobenzene	ND		500	480		ug/L		96	80 - 124
1,2-Dichloroethane	ND		500	475		ug/L		95	75 - 127
Benzene	ND		500	456		ug/L		91	71 - 124
Chlorobenzene	ND		500	459		ug/L		92	72 - 120
cis-1,2-Dichloroethene	180		500	627		ug/L		90	74 - 124
Ethylbenzene	ND		500	460		ug/L		92	77 - 123
Methyl tert-butyl ether	ND		500	481		ug/L		96	64 - 127
Tetrachloroethene	940	F1	500	1210	F1	ug/L		54	74 - 122
Toluene	ND		500	496		ug/L		99	80 - 122
trans-1,2-Dichloroethene	ND		500	455		ug/L		91	73 - 127
Trichloroethene	230		500	648		ug/L		84	74 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*
Toluene-d8 (Surr)	*94*		*71 - 126*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*

Lab Sample ID: 480-89604-5 MSD
Matrix: Water
Analysis Batch: 271804

Client Sample ID: MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		500	453		ug/L		91	71 - 129	3	20
1,1-Dichloroethene	ND		500	425		ug/L		85	58 - 121	4	16
1,2-Dichlorobenzene	ND		500	468		ug/L		94	80 - 124	3	20
1,2-Dichloroethane	ND		500	455		ug/L		91	75 - 127	4	20
Benzene	ND		500	440		ug/L		88	71 - 124	4	13
Chlorobenzene	ND		500	455		ug/L		91	72 - 120	1	25
cis-1,2-Dichloroethene	180		500	590		ug/L		83	74 - 124	6	15
Ethylbenzene	ND		500	456		ug/L		91	77 - 123	1	15
Methyl tert-butyl ether	ND		500	457		ug/L		91	64 - 127	5	37

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

Lab Sample ID: 480-89604-5 MSD
Matrix: Water
Analysis Batch: 271804

Client Sample ID: MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	940	F1	500	1170	F1	ug/L		45	74 - 122	4	20
Toluene	ND		500	491		ug/L		98	80 - 122	1	15
trans-1,2-Dichloroethene	ND		500	426		ug/L		85	73 - 127	7	20
Trichloroethene	230		500	617		ug/L		78	74 - 123	5	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*
Toluene-d8 (Surr)	*97*		*71 - 126*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*

Lab Sample ID: 480-89604-11 MS
Matrix: Water
Analysis Batch: 271804

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND	F1 F2	5000	4580		ug/L		92	71 - 129
1,1-Dichloroethene	ND	F1 F2	5000	4310		ug/L		86	58 - 121
1,2-Dichlorobenzene	ND	F1 F2	5000	4680		ug/L		94	80 - 124
1,2-Dichloroethane	ND	F1 F2	5000	4610		ug/L		92	75 - 127
Benzene	ND	F1 F2	5000	4470		ug/L		89	71 - 124
Chlorobenzene	ND	F1 F2	5000	4620		ug/L		92	72 - 120
cis-1,2-Dichloroethene	1100	F1 F2	5000	5270		ug/L		83	74 - 124
Ethylbenzene	ND	F1 F2	5000	4570		ug/L		91	77 - 123
Methyl tert-butyl ether	ND	F1 F2	5000	4540		ug/L		91	64 - 127
Tetrachloroethene	6400	F1	5000	9570	F1	ug/L		64	74 - 122
Toluene	ND	F1 F2	5000	5050		ug/L		101	80 - 122
trans-1,2-Dichloroethene	ND	F1 F2	5000	4660		ug/L		93	73 - 127
Trichloroethene	1100	F1 F2	5000	5230		ug/L		83	74 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*
Toluene-d8 (Surr)	*95*		*71 - 126*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*

Lab Sample ID: 480-89604-11 MSD
Matrix: Water
Analysis Batch: 271804

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND	F1 F2	5000	4470		ug/L		89	71 - 129	2	20
1,1-Dichloroethene	ND	F1 F2	5000	4220		ug/L		84	58 - 121	2	16
1,2-Dichlorobenzene	ND	F1 F2	5000	4690		ug/L		94	80 - 124	0	20
1,2-Dichloroethane	ND	F1 F2	5000	4550		ug/L		91	75 - 127	1	20
Benzene	ND	F1 F2	5000	4410		ug/L		88	71 - 124	1	13
Chlorobenzene	ND	F1 F2	5000	4540		ug/L		91	72 - 120	2	25
cis-1,2-Dichloroethene	1100	F1 F2	5000	5230		ug/L		82	74 - 124	1	15
Ethylbenzene	ND	F1 F2	5000	4570		ug/L		91	77 - 123	0	15
Methyl tert-butyl ether	ND	F1 F2	5000	4620		ug/L		92	64 - 127	2	37

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

Lab Sample ID: 480-89604-11 MSD
Matrix: Water
Analysis Batch: 271804

Client Sample ID: MW-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	6400	F1	5000	9310	F1	ug/L		59	74 - 122	3	20
Toluene	ND	F1 F2	5000	4830		ug/L		97	80 - 122	4	15
trans-1,2-Dichloroethene	ND	F1 F2	5000	4500		ug/L		90	73 - 127	3	20
Trichloroethene	1100	F1 F2	5000	5220		ug/L		83	74 - 123	0	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*
Toluene-d8 (Surr)	*98*		*71 - 126*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*

Lab Sample ID: MB 480-272021/6
Matrix: Water
Analysis Batch: 272021

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/30/15 00:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/30/15 00:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/30/15 00:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/30/15 00:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/30/15 00:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/30/15 00:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/30/15 00:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/30/15 00:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/30/15 00:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/30/15 00:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/30/15 00:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/30/15 00:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/30/15 00:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/30/15 00:11	1
2-Hexanone	ND		5.0	1.2	ug/L			10/30/15 00:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/30/15 00:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/30/15 00:11	1
Acetone	ND		10	3.0	ug/L			10/30/15 00:11	1
Benzene	ND		1.0	0.41	ug/L			10/30/15 00:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/30/15 00:11	1
Bromoform	ND		1.0	0.26	ug/L			10/30/15 00:11	1
Bromomethane	ND		1.0	0.69	ug/L			10/30/15 00:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/30/15 00:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/30/15 00:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/30/15 00:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/30/15 00:11	1
Chloroethane	ND		1.0	0.32	ug/L			10/30/15 00:11	1
Chloroform	ND		1.0	0.34	ug/L			10/30/15 00:11	1
Chloromethane	ND		1.0	0.35	ug/L			10/30/15 00:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/30/15 00:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/30/15 00:11	1
Cyclohexane	ND		1.0	0.18	ug/L			10/30/15 00:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/30/15 00:11	1

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

Lab Sample ID: MB 480-272021/6
Matrix: Water
Analysis Batch: 272021

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.74	ug/L			10/30/15 00:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/30/15 00:11	1
Methyl acetate	ND		2.5	1.3	ug/L			10/30/15 00:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/30/15 00:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/30/15 00:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/30/15 00:11	1
Styrene	ND		1.0	0.73	ug/L			10/30/15 00:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/30/15 00:11	1
Toluene	ND		1.0	0.51	ug/L			10/30/15 00:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/30/15 00:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/30/15 00:11	1
Trichloroethene	ND		1.0	0.46	ug/L			10/30/15 00:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/30/15 00:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/30/15 00:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/30/15 00:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*10/30/15 00:11*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*10/30/15 00:11*	*1*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*10/30/15 00:11*	*1*

Lab Sample ID: LCS 480-272021/27
Matrix: Water
Analysis Batch: 272021

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	21.9		ug/L		88	71 - 129
1,1-Dichloroethene	25.0	19.9		ug/L		80	58 - 121
1,2-Dichlorobenzene	25.0	23.4		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	23.2		ug/L		93	75 - 127
Benzene	25.0	21.7		ug/L		87	71 - 124
Chlorobenzene	25.0	22.5		ug/L		90	72 - 120
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	74 - 124
Ethylbenzene	25.0	22.0		ug/L		88	77 - 123
Methyl tert-butyl ether	25.0	24.0		ug/L		96	64 - 127
Tetrachloroethene	25.0	20.7		ug/L		83	74 - 122
Toluene	25.0	22.6		ug/L		90	80 - 122
trans-1,2-Dichloroethene	25.0	21.7		ug/L		87	73 - 127
Trichloroethene	25.0	21.0		ug/L		84	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*
Toluene-d8 (Surr)	*97*		*71 - 126*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*

QC Association Summary

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

GC/MS VOA

Analysis Batch: 271719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-89604-8	MW-10BR	Total/NA	Water	8260C	
480-89604-9	MW-11	Total/NA	Water	8260C	
480-89604-10	MW-12	Total/NA	Water	8260C	
480-89604-11	MW-13	Total/NA	Water	8260C	
480-89604-12	MW-14	Total/NA	Water	8260C	
480-89604-13	MW-14BR	Total/NA	Water	8260C	
480-89604-14	MW-15	Total/NA	Water	8260C	
480-89604-15	MW-15BR	Total/NA	Water	8260C	
480-89604-19	MW-17BR	Total/NA	Water	8260C	
LCS 480-271719/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-271719/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 271804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-89604-1	MW-1R	Total/NA	Water	8260C	
480-89604-2	MW-2	Total/NA	Water	8260C	
480-89604-3	MW-5	Total/NA	Water	8260C	
480-89604-4	MW-6	Total/NA	Water	8260C	
480-89604-5	MW-7	Total/NA	Water	8260C	
480-89604-5 MS	MW-7	Total/NA	Water	8260C	
480-89604-5 MSD	MW-7	Total/NA	Water	8260C	
480-89604-6	MW-9	Total/NA	Water	8260C	
480-89604-7	MW-10	Total/NA	Water	8260C	
480-89604-11 MS	MW-13	Total/NA	Water	8260C	
480-89604-11 MSD	MW-13	Total/NA	Water	8260C	
480-89604-15 - DL	MW-15BR	Total/NA	Water	8260C	
480-89604-16	MW-16	Total/NA	Water	8260C	
480-89604-17	MW-16BR	Total/NA	Water	8260C	
480-89604-18	MW-17	Total/NA	Water	8260C	
480-89604-22	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-271804/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-271804/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 272021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-89604-2 - DL	MW-2	Total/NA	Water	8260C	
LCS 480-272021/27	Lab Control Sample	Total/NA	Water	8260C	
MB 480-272021/6	Method Blank	Total/NA	Water	8260C	

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Client Sample ID: MW-1R
Date Collected: 10/21/15 11:40
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	271804	10/29/15 16:38	SWO	TAL BUF

Client Sample ID: MW-2
Date Collected: 10/20/15 08:15
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271804	10/29/15 17:04	SWO	TAL BUF
Total/NA	Analysis	8260C	DL	2	272021	10/30/15 07:00	GTG	TAL BUF

Client Sample ID: MW-5
Date Collected: 10/20/15 07:50
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271804	10/29/15 17:31	SWO	TAL BUF

Client Sample ID: MW-6
Date Collected: 10/21/15 10:00
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271804	10/29/15 17:58	SWO	TAL BUF

Client Sample ID: MW-7
Date Collected: 10/21/15 08:10
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	271804	10/29/15 18:25	SWO	TAL BUF

Client Sample ID: MW-9
Date Collected: 10/21/15 08:25
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	271804	10/29/15 18:52	SWO	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Client Sample ID: MW-10
Date Collected: 10/20/15 11:20
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271804	10/29/15 19:19	SWO	TAL BUF

Client Sample ID: MW-10BR
Date Collected: 10/20/15 11:10
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271719	10/29/15 00:50	GTG	TAL BUF

Client Sample ID: MW-11
Date Collected: 10/20/15 10:00
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271719	10/29/15 01:16	GTG	TAL BUF

Client Sample ID: MW-12
Date Collected: 10/20/15 09:50
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	271719	10/29/15 01:41	GTG	TAL BUF

Client Sample ID: MW-13
Date Collected: 10/21/15 09:50
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		200	271719	10/29/15 05:27	GTG	TAL BUF

Client Sample ID: MW-14
Date Collected: 10/20/15 13:10
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271719	10/29/15 02:07	GTG	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Client Sample ID: MW-14BR
Date Collected: 10/20/15 12:40
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	271719	10/29/15 02:32	GTG	TAL BUF

Client Sample ID: MW-15
Date Collected: 10/19/15 14:50
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271719	10/29/15 02:57	GTG	TAL BUF

Client Sample ID: MW-15BR
Date Collected: 10/19/15 15:45
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271719	10/29/15 03:22	GTG	TAL BUF
Total/NA	Analysis	8260C	DL	40	271804	10/29/15 14:51	SWO	TAL BUF

Client Sample ID: MW-16
Date Collected: 10/19/15 13:30
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271804	10/29/15 15:17	SWO	TAL BUF

Client Sample ID: MW-16BR
Date Collected: 10/19/15 13:40
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271804	10/29/15 15:44	SWO	TAL BUF

Client Sample ID: MW-17
Date Collected: 10/20/15 14:20
Date Received: 10/22/15 02:00

Lab Sample ID: 480-89604-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271804	10/29/15 16:11	SWO	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Client Sample ID: MW-17BR

Lab Sample ID: 480-89604-19

Date Collected: 10/20/15 15:10

Matrix: Water

Date Received: 10/22/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271719	10/29/15 05:02	GTG	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-89604-22

Date Collected: 10/21/15 00:00

Matrix: Water

Date Received: 10/22/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	271804	10/29/15 12:36	SWO	TAL BUF

Laboratory References:

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

Certification Summary

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

Method Summary

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by 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

Sample Summary

Client: New York State D.E.C.
Project/Site: Jack's Dry Cleaners #734112

TestAmerica Job ID: 480-89604-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-89604-1	MW-1R	Water	10/21/15 11:40	10/22/15 02:00
480-89604-2	MW-2	Water	10/20/15 08:15	10/22/15 02:00
480-89604-3	MW-5	Water	10/20/15 07:50	10/22/15 02:00
480-89604-4	MW-6	Water	10/21/15 10:00	10/22/15 02:00
480-89604-5	MW-7	Water	10/21/15 08:10	10/22/15 02:00
480-89604-6	MW-9	Water	10/21/15 08:25	10/22/15 02:00
480-89604-7	MW-10	Water	10/20/15 11:20	10/22/15 02:00
480-89604-8	MW-10BR	Water	10/20/15 11:10	10/22/15 02:00
480-89604-9	MW-11	Water	10/20/15 10:00	10/22/15 02:00
480-89604-10	MW-12	Water	10/20/15 09:50	10/22/15 02:00
480-89604-11	MW-13	Water	10/21/15 09:50	10/22/15 02:00
480-89604-12	MW-14	Water	10/20/15 13:10	10/22/15 02:00
480-89604-13	MW-14BR	Water	10/20/15 12:40	10/22/15 02:00
480-89604-14	MW-15	Water	10/19/15 14:50	10/22/15 02:00
480-89604-15	MW-15BR	Water	10/19/15 15:45	10/22/15 02:00
480-89604-16	MW-16	Water	10/19/15 13:30	10/22/15 02:00
480-89604-17	MW-16BR	Water	10/19/15 13:40	10/22/15 02:00
480-89604-18	MW-17	Water	10/20/15 14:20	10/22/15 02:00
480-89604-19	MW-17BR	Water	10/20/15 15:10	10/22/15 02:00
480-89604-22	TRIP BLANK	Water	10/21/15 00:00	10/22/15 02:00

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Michael Deyette	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-73222-18637.1
Client Contact: Bill Toran	Phone:	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 3
Company: Aztech Technologies Inc		Analysis Requested		Job #:
Address: 5 McCrea Hill Road	Due Date Requested:			Preservation Codes:
City: Ballston Spa	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: NY, 12020				
Phone: 315-426-7525(Tel)	PO #: CallOut ID 121166			
Email: btoran@aztechenv.com	WO #:			Other:
Project Name: Jack's Dry Cleaners #734412	Project #: 48006444			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2 EPA 8260B	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-1R	10/21/15	11:40 am	G	Water	N		X		
MW-2	10/20/15	8:15 am	G	Water	N		X		
MW-3	10/20/15	7:50 am	G	Water	N		X		
MW-6	10/21/15	10:00 am	G	Water	N		X		
MW-7	10/21/15	8:10 am	G	Water	N		X		
MW-9	10/21/15	8:25 am	G	Water	N		X		
MW-10	10/20/15	11:20 am	G	Water	N		X		
MW-10BR	10/20/15	11:10 am	G	Water	N		X		
MW-11	10/20/15	10:00 am	G	Water	N		X		
MW-12	10/20/15	9:50 am	G	Water	N		X		
MW-13	10/21/15	9:50 am	G	Water	N		X		

480-89604 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/21/15 12:20pm	Aztech	[signature]	10-21-15, 12:20	Syr
Relinquished by: [signature]	Date/Time: 10-21-15, 15:10	Company Syr	Received by: [signature]	Date/Time: 10-22-15 0200	Company TAS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.3 +1

11/3/2015

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Michael DeGette	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-73222-18637.2
Client Contact: Bill Toran	Phone:	E-Mail: judy.stone@testamericainc.com		Page: Page 2 of 3
Company: Aztech Technologies Inc				Job #:
Address: 5 McCrea Hill Road	Due Date Requested:			
City: Ballston Spa	TAT Requested (days):			
State, Zip: NY, 12020				
Phone: 315-426-7525(Tel)	PO #: CallOut ID 121166			
Email: btoran@aztechenv.com	WO #:			
Project Name: Jack's Dry Cleaners #734412	Project #: 48006444			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL list OLM04.2 EPA 8260B	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-14	10/20/15	1:10 pm	G	Water	N		X		
MW-14BR	10/20/15	12:40 pm	G	Water	N		X		
MW-15	10/19/15	2:50 pm	G	Water	N		X		
MW-15BR	10/19/15	3:45 pm	G	Water	N		X		
MW-16	10/19/15	1:30 pm	G	Water	N		X		
MW-16BR	10/19/15	1:40 pm	G	Water	N		X		
MW-17	10/20/15	2:20 pm	G	Water	N		X		
MW-17BR	10/20/15	3:10 pm	G	Water	N		X		
Dup MS	10/21/15	8:20 am	G	Water	N	X	X		
Dup MSD	10/21/15	9:55 am	G	Water	N	X	X		
Trip Blank			G	Water	N	X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/21/15 12:20 pm	Aztech		10:21:15, 12:20	JyR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10-21-15, 19:00	JyR		10-22-15 0200	TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		0.3 #1

Login Sample Receipt Checklist

Client: New York State D.E.C. Job Number: 480-89604-1

Login Number: 89604 **List Source: TestAmerica Buffalo**
List Number: 1
Creator: Williams, Christopher S

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.	False	COC indicates blind MS/MSD. Client confirmed QC required on MW-7 and MW-13.
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	Two (2) vials per point for MW-7 and MW-13
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	AZTECH
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	