ecology and environment engineering, p.c.
Global Environmental Specialists
BUFFALO CORPORATE CENTER
368 Pleasant View Drive
Lancaster, New York 14086
Tel: (716) 684-8060, Fax: (716) 684-0844

July 27, 2012

Mr. William Welling, Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233–7013

Re: Monitoring Well Network Improvements Close-out Report for the Mr. C's Dry Cleaners Site in East Aurora, New York (NYSDEC Site No. 9-15-157)

Dear Mr. Welling:

This report summarizes the activities completed to install eleven monitoring wells (two new wells and nine replacement wells) and decommission six monitoring wells to improve the monitoring well network at the Mr. C's Dry Cleaners site, as described in the scope of work (SOW) prepared by Ecology and Environment Engineering, P.C. (EEEPC) in October 2011. The work was performed by the standby remedial contractor Groundwater and Environmental Services, Inc. (GES), of Cheektowaga, New York, under a New York State Department of Environmental Conservation (NYSDEC) standby remedial services contract (Contract Number C100900). GES subcontracted the drilling work to Quality Inspection Services, Inc. (QIS), of Buffalo, New York, and surveying work for the new well locations was performed by Clear Creek Land Surveying, LLC, of Springville, New York.

The Mr. C's site is located on an approximately 0.5-acre parcel at 586 Main Street in the village of East Aurora in Erie County, New York. Mr. C's is an inactive dry cleaning facility and is located in a one-story building on a concrete slab foundation with an adjacent paved parking lot. Tetracloroethene (PCE) and its daughter products are the contaminants of concern in the groundwater at the site. A remedial groundwater pump-and-treat system at Mr. C's site is currently housed inside the Mr. C's building, which consists of a sequestering agent feed system, bag filters, a 3,000-gallon holding tank, and a low-profile air stripper. Groundwater pumping wells and groundwater monitoring wells ring the entire Mr. C's Site.

Well Installation and Decommissioning

Implementation of the Groundwater Monitoring Well Network Improvement SOW commenced on December 12, 2011. Installation and decommissioning of off-street groundwater monitoring wells were completed in December. Installation and decommissioning of wells in the right-of-way were postponed until the following May due to the Village of East Aurora's restriction on working in the public highway and the seasonal closure of asphaltic batch plants. The SOW was completed on May 7, 2012. Refer to Table 1 for a summary of well decommissioning activities, Table 2 for a summary of new and replacement well installation activities, and Table 3 for a summary of construction details for the new and replacement wells. Attachment A (EEEPC's Daily Observation Reports) presents detailed descriptions of activities performed during this work. Attachment B presents the Well Decommissioning Logs, which were filled out by EEEPC personnel.

Oversight Activities

EEEPC performed oversight and monitoring of the work that was performed under the SOW. Site oversight personnel recorded project progress with photo-documentation and prepared daily observation reports and decommissioning logs. In addition, EEEPC reviewed the contractor's submittals for conformance with the SOW. The complete submittal log for the project is provided as Attachment C.

Monitoring Well Development

The monitoring wells installed in December 2011 were developed on January 23 and 24, 2012; the wells installed in May 2012 were developed on May 24, 2012. Well development records are provided in the Contractor's Final Report in Attachment D.

Sampling Results

Soil samples were collected from each 2-foot interval during the drilling of new wells EE-3, located north of the First Presbyterian Church, and EE-4, located in the gravel parking lot west of the Mr.C's building. The samples were analyzed for volatile organic compounds (VOCs). The complete analytical results for both wells are provided in the Contractor's Final Report in Attachment D.

EE-3 was drilled and sampled down to 28 feet bgs. The highest total VOC concentration (1,828.78 µg/kg) was detected in EE-3 in a sample collected at a depth of 20 to 22 feet below ground surface (bgs). EE-4 was drilled to 15 feet bgs and sampled to 12 feet bgs. The highest total VOC concentration detected in EE-4 (4.0 µg/kg) was detected in a sample collected at a depth of 8 to 10 feet bgs.

Waste Disposal

Purge water used in well development was pumped into 55 gallon drums, which were subsequently pumped into the Mr. C's Treatment building equalization tank via the sump in the on-site air stripper treatment system. The purge water was filtered through the bag filter in the treatment building as it was pumped into the sump in the treatment system building.

Decommissioned well parts and soil cuttings were placed in a roll-off dumpster for disposal. The roll-off dumpsters were located on the corner Agway property. One composite soil sample was collected from the compiled soil in the roll-off in December 2011 for laboratory analysis and creation of a waste profile. The same waste profile was used for the waste disposal in May 2012. Waste soil and construction debris were removed from the site in the roll-off dumpsters by Russo Environmental on January 23, 2012 and May 14, 2012. Wastes were disposed of at the Chaffee, NY, Waste Management Landfill. Waste disposal records are included in the Contractor's Final Report in Attachment D.

Surveying

The SOW required the surveying of nine replacement wells, two new wells, three existing wells to be decommissioned, and two existing wells. Existing and decommissioned wells were included, because they lacked top of inner casing elevations and/or coordinates. One replacement well was not installed, so it could not be surveyed. The wells were surveyed on May 24, 2012, by Clear Creek Land Surveying, LLC. Survey results for new and replacement well are presented in Table 3, and a summary of the survey results for existing wells MW-11 and MPI-15B and for decommissioned wells MPI-2S, MPI-8S, and MPI-4D are presented in Table 4. In accordance with the SOW, vertical elevations were referenced to the North American Vertical Datum of 1988 (NAVD88) to a control accuracy of ±0.01 foot, and the horizontal coordinates were referenced to

the State Plane Coordinate System (NYS State Plane West) to a control accuracy of ±0.5 foot. The complete survey results are included with the Contractor's Final Report in Attachment D.

Deviations from the Scope of Work

The following deviations from the original SOW were made during the implementation of the project:

- Based on discussions between EEEPC, NYSDEC, and Matthew Hoeh, the Village of Aurora Town Superintendent of Public Work, the installation and decommissioning of wells in the right-of-way (ROW) was postponed from December 2011 until the spring 2012. This deviation from the SOW was discussed with NYSDEC and agreed upon in December 2011. Repair of the ROW was precluded in December due to the Village of East Aurora's restriction on working in the public highway and the seasonal closure of asphaltic batch plants

- Well casings for wells ESI-5, MPI-8S, and MPI-13B, which were in the ROW, were not removed during decommissioning due to the potential to damage the asphalt road by overdrilling or pulling of the casing. This was acceptable to the NYSDEC PM.

- At the time of the bidding of the SOW, access to several wells, including MPI-11B-R, had not been arranged by NYSDEC or EEEPC. The property owner at this well location did not permit access for well installation; therefore, the well was not installed. Another previously installed well was located at the northwestern corner of the property, which will be used for monitoring in lieu of MPI-11B/BR. Note: MPI-11B was not located prior to drilling activities; it is thought to be covered by gravel in the northeastern corner of the property.

If you have any questions or comments regarding this report, please contact me at (716) 684-8060.

Sincerely,

ECOLOGY AND ENVIRONMENT ENGINEERING, P.C.

Michael G. Steffan

Michael G. Steffan
Project Manager

Attachments:

A: EEEPC Daily Observation Reports
B: EEEPC Decommissioning Logs
C: Submittal Log
D: Contractor's Final Report

cc: Mr. C's Project Folder
CTF-002700.DC.13.03

Table 1 Summary of Monitoring Well Decommissioning
Mr. C's Dry Cleaners, East Aurora, New York

Well ID	Date Began	Date Completed	Decommissioning Method	
			Proposed [a]	Actual
ESI-5	5/4/2012	5/4/2012	Casing pull	Tremie grouted from 0.5-14 ft.
MPI-2S	12/20/2011	12/20/2011	Casing pull	Overdrilled from 0-5 ft. Tremie grouted from 0.5-10 ft.
MPI-4D	12/19/2011	12/19/2011	Overdrill	Tremie grouted from 0.5-12 ft.
MPI-7I	12/14/2011	12/15/2011	Overdrill	Overdrilled from 0-5 ft. Tremie grouted from 0.5-34 ft.
MPI-8S	5/4/2012	5/4/2012	Casing pull	Tremie grouted from 0.5-7.5 ft.
MPI-13B	5/4/2012	5/4/2012	Grout in-place	Tremie grouted from 0.5-32 ft.

Note: [a] The proposed decommissioning method was for costing purposes. Field conditions required alternative decommissioning techniques.

Table 2 Summary of New and Replacement Well Installation
Mr. C's Dry Cleaners, East Aurora, New York

Well ID	Planned Action	Date Began	Date Completed	Date Developed
EE-3	New Well	12/16/2011	12/16/2011	1/24/2012
EE-4	New Well	12/15/2011	12/16/2011	1/24/2012
ESI-2-R	Replacement for ESI-2	12/15/2011	12/16/2011	1/23/2012
ESI-5-R	Replacement for ESI-5	5/7/2012 (moved to street)	5/7/2012 (moved to street)	5/24/2012
MPI-2S-R	Replacement for MPI-2S	12/19/2011	12/20/2011	1/23/2012
MPI-7I-R	Replacement for MPI-7I	12/13/2011	12/14/2011	1/24/2012
MPI-8S-R	Replacement for MPI-8S	5/2/2012 (moved to street)	5/7/2012 (moved to street)	5/24/2012
MPI-9S-R	Replacement for MPI-9S	5/2/2012 (moved to street)	5/7/2012 (moved to street)	5/24/2012
MPI-11B-R	Replacement for MPI-11B	Not completed - Found alternate existing well for monitoring.		
MPI-13B-R	Replacement for MPI-13B	12/12/2011 (hand cleared in grass)	5/8/2012 (moved to street)	5/24/2012
MPI-14B-R	Replacement for MPI-14B	12/12/2011	12/20/2011	1/23/2012

Table 3 Summary Of Construction Details for New and Replacement Wells, Mr. C's Dry Cleaners, East Aurora, New York

Well ID	Well Casing/ Screen ID	Total Well Depth (ft TOIC)	TOIC Casing Elevation [c] (ft AMSL)	Ground Elevation [c] (ft AMSL)	Screen Interval (ft BGS)	Sand Pack Interval (ft BGS)	Top of Seal (ft BGS)	Water Level[a] (ft TOIC)	Northing[b]	Easting[b]
EE-3	2	28	914.64	914.9	18-28	16-28	14	10.61	1,008,457.12	1,139,994.78
EE-4	2	14.25	916.69	916.9	5-15	3-15	0.5	11.86	1,008,726.94	1,140,212.13
ESI-2-R	2	18.9	917.44	917.7	9-19	7-19	5	12.48	1,008,739.35	1,140,418.33
ESI-5-R	2	14.55	912.19	912.5	5-15	3-15	1	8.35	1,008,162.00	1,140,146.65
MPI-2S-R	2	18.4	915.63	915.9	8-18	6-18	4	10.64	1,008,365.76	1,140,310.44
MPI-7I-R	2	38.5	915.44	915.8	28.9-38.9	26.5-39	24.5	10.46	1,008,537.71	1,140,294.84
MPI-8S-R	2	17.4	913.96	914.5	8-18	6-18	4	10.19	1,008,771.32	1,140,064.97
MPI-9S-R	2	16.52	913.38	914	8-18	6-18	4	9.66	1,008,923.50	1,140,066.68
MPI-13B-R	2	29.5	912.69	913.2	16.5-31.5	14.5-31.5	12.5	9.44	1,009,063.59	1,139,779.59
MPI-14B-R	2	28.2	913.71	914	15-30	13-30	11	9.65	1,009,039.96	1,139,941.28

Note:
[a] Water levels taken during well development on 1/23/12, 1/24/12, and 5/24/12.
[b] Coordinates system is New York State Plane West Zone (feet).
[c] Referenced to National Geodetic Vertical Datum of 1988 (NGVD).

Key:
AMSL = Above mean sea level.
BGS = Below ground surface.
ft = Feet.
ID = Inner diameter.
NA = Not available.
TOIC = Top of inner casing.

Table 4 Summary of Survey Results for Existing Wells
Mr. C's Dry Cleaners, East Aurora, New York

Well ID	Northing[a]	Easting[a]	Case Elevation[b]	Riser Elevation[b]	Ground Elevation[b]
MW-11	1008565.98	1140177.64	914.39	914.08	914.4
MPI-15B	1008815.15	1139566.43	913.72	913.37	913.7
MPI-2S	1008362.27	1140310.82	NA[c]	NA[c]	NA[c]
MPI-8S	1008767.18	1140065.32	NA[c]	NA[c]	NA[c]
MPI-4D	1008609.73	1140040.12	NA[c]	NA[c]	NA[c]

Note:
[a] Coordinates system is New York State Plane West Zone NAD83 (feet).
[b] Referenced to National Geodetic Vertical Datum of 1988 (NGVD).
[c] The SOW only required coordinates to be surveyed for the decommissioned wells.

Attachment A

EEEPC Daily Observation Reports and Photo Logs

DAILY OBSERVATION REPORT

Report No. 001 E & E Project File: 002700.DC13 Date: 12/12/11

NYSDEC

Division of Environmental Remediation

Mr. C's Dry Cleaner site
NYSDEC Site No. 9-15-157
Monitoring Well Network Improvements

East Aurora, New York

Temperature: (F) 26 ℉ (am)
39 ℉ (pm)

Wind Direction: North (am)
North (pm)

Weather: sunny (am)
cloudy (pm)

Arrive at site 0745

Leave site: 1515

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (X) * No ( )
-- Waters Yes ( ) n/a (X) * No ( )
-- Air Yes ( ) n/a (X) * No ( )

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes (X) No ( )

Photos Taken: Yes (X) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

Larry Roedl (EEEPC) arrived on site and met with the contractor from (QIS), and Nicole Jarzyniecki (GES). A site walk was completed so the drilling contractor could see all the utility marking, (GES) held a site tailgate safety meeting. QIS started to hand excavate the soil for utility clearance for monitoring well MPI 14B—R to a depth of 8 feet. This M.W. was located in front of 347 Fillmore. QIS hit a rock and could not excavate any further, and will complete this utility clearance on 12/13/11. QIS moved down to 317 Fillmore and started to excavate the soil for utility clearance at this location MPI 13B-R, to a depth of 8 feet. L.Roedl and R. Moxley took 7 indoor air samples from the First Presbyterian Church.

SAMPLING (Soil/Water/Air): Contractor Sample ID:	**E & E Sample ID:**	**Description:**
N/A		

DAILY OBSERVATION REPORT

Report No. 001 Date: 12/12/11

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

A compressor and hand tools

1 – Active Equipment

VISITORS TO SITE: None

PROJECT SCHEDULE ISSUES: Hand clearing will continue tomorrow.

PROJECT BUDGET ISSUES: None

ITEMS OF CONCERN: None

COMMENTS: None

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

Photo Log and Site Map

SITE REPRESENTATIVE: **Lawrence Roedl , Site Representative, EEEPC**

Name: (*signature*) Lawrence T Roedl

xc: W. Welling - NYSDEC
M. Steffan – E & E Buffalo

DAILY OBSERVATION REPORT

Report No. 001 Date: 12/12/11

Figure 1: View of hand clearing at MPI-14B-R (Looking East)

Figure 2: View of finished hand clearing at MPI-13B-R (Looking SW, PM)

Figure 3: View of finished hand clearing at MPI-13B-R (Looking West, PM)

Figure 4: View of first location of hand clearing for MPI-14B-R (Looking East, PM)

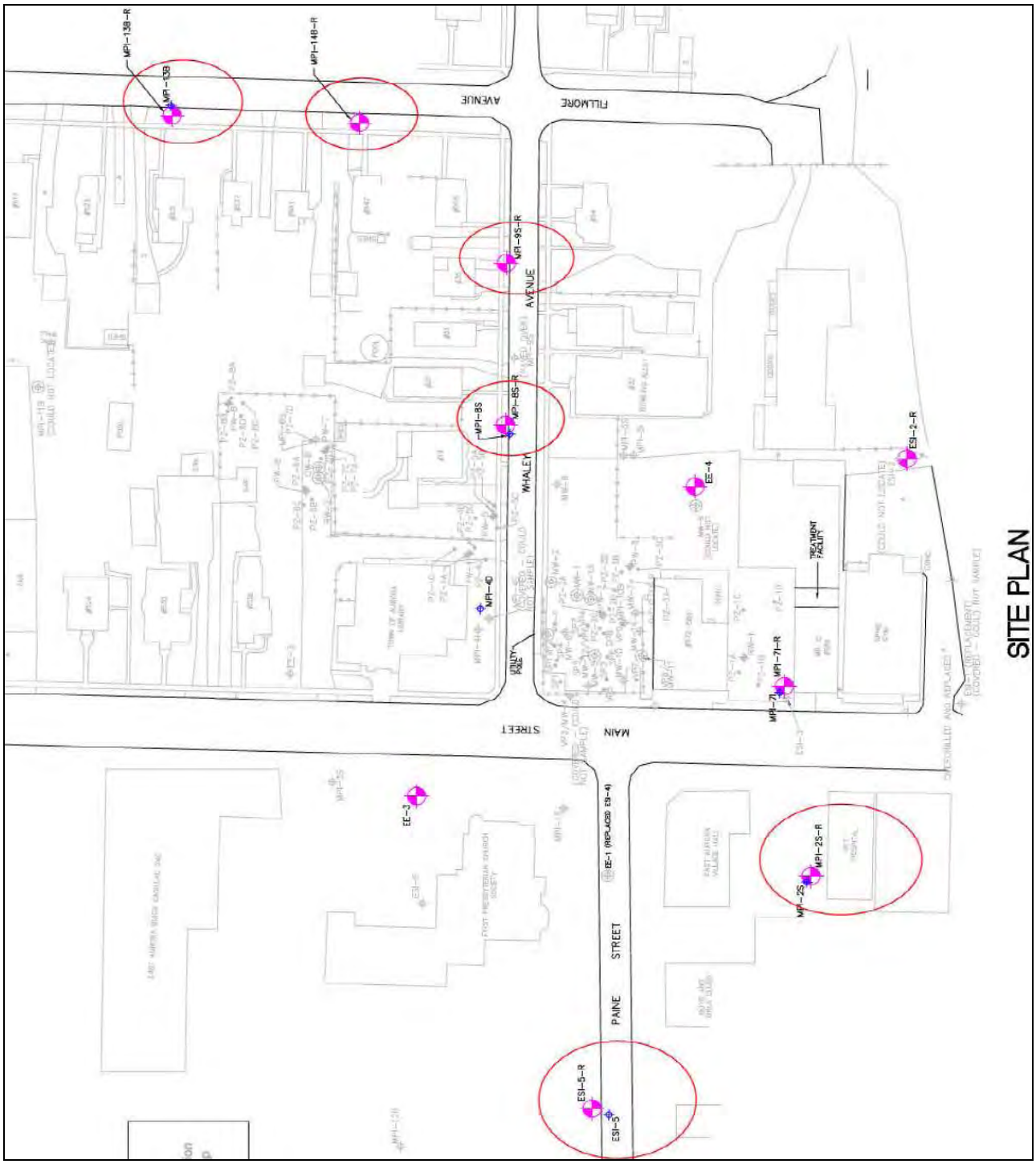
Figure 5: View of second location hand clearing for MPI-14B-R (Looking South, PM)

DAILY OBSERVATION REPORT

Site Sketch: Pg. 1 of 1

Report No. 001

Date: 12/12/11



Mr. C's Monitoring Well Improvement Program 2011

Note: Village of Aurora wells circled in RED

DAILY OBSERVATION REPORT

Report No. 002 E & E Project File: 002700.DC13 Date: 12/13/11

NYSDEC

Division of Environmental Remediation

Mr. C's Dry Cleaner site
NYSDEC Site No. 9-15-157
Monitoring Well Network Improvements

East Aurora, New York

Temperature: (F) 28 (am)
38 (pm)

Wind Direction: North (am)
North (pm)

Weather: (am) sunny
(pm) cloudy

Arrive at site 0745

Leave site: 1425

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (X) * No ( )
-- Waters Yes ( ) n/a (X) * No ( )
-- Air Yes ( ) n/a (X) * No ( )

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes (X) No ( )

Photos Taken: Yes (X) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

Larry Roedl (EEEPC) arrived on site and met with the contractor from (QIS), and Nicole Jarzyniecki (GES) Nicole held a site tailgate safety meeting. After the meeting, QIS started to excavate soil by hand for utility clearance at monitoring well MPI-14B-R, to a depth of 8 feet. This was located in front of 547 Fillmore. The home owner at 517 Fillmore did not want the monitoring well placed near the sidewalk because he was planting a tree in that spot, he had ask us if we could go closer to the street. QIS moved down to 517 Fillmore (MPI-13B-R) and excavated the soil by hand for utility clearance at the curb area to a depth of 5' 2 "and located a pipe; this monitoring well will be relocated in the street. Monitoring wells ESI-5R, MPI-9SR, MPI-8S-R will be drilled in the street also due to the locations of the gas lines in relation to the well locations. The contractor saw cut pavement and excavated soil by hand for utility clearance at monitoring well MPI-7I-R.

SAMPLING (Soil/Water/Air): Contractor Sample ID:	**E & E Sample ID:**	**Description:**

DAILY OBSERVATION REPORT

Report No. 002 Date: 12/13/11

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

A compressor and hand tools

1 – Active Equipment

VISITORS TO SITE: None

PROJECT SCHEDULE ISSUES:

Monitoring wells ESI-5R, MPI-9SR, MPI-8S-R will be drilled in the street due to the locations of the gas lines in relation to the well locations. MPI-13B-R will also be drilled in the street. This work will be postponed until the spring.

PROJECT BUDGET ISSUES: None

ITEMS OF CONCERN: None

COMMENTS: None

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

Photo Log and Site Map

SITE REPRESENTATIVE: **Lawrence Roedl , Site Representative, EEEPC**

Name: (*signature*) Lawrence T Roedl Dated: 12/13/11

xc: W. Welling - NYSDEC
M. Steffan – E & E Buffalo

DAILY OBSERVATION REPORT

Report No. 002 Date: 12/13/11

Figure 1: View of Saw Cutting for Utility Clearance at MPI-7I-R (Looking NE)

Figure 2: View of Utility Clearance at MPI-7I-R (Looking NE)

DAILY OBSERVATION REPORT

Report No. 002

Date: 12/13/11

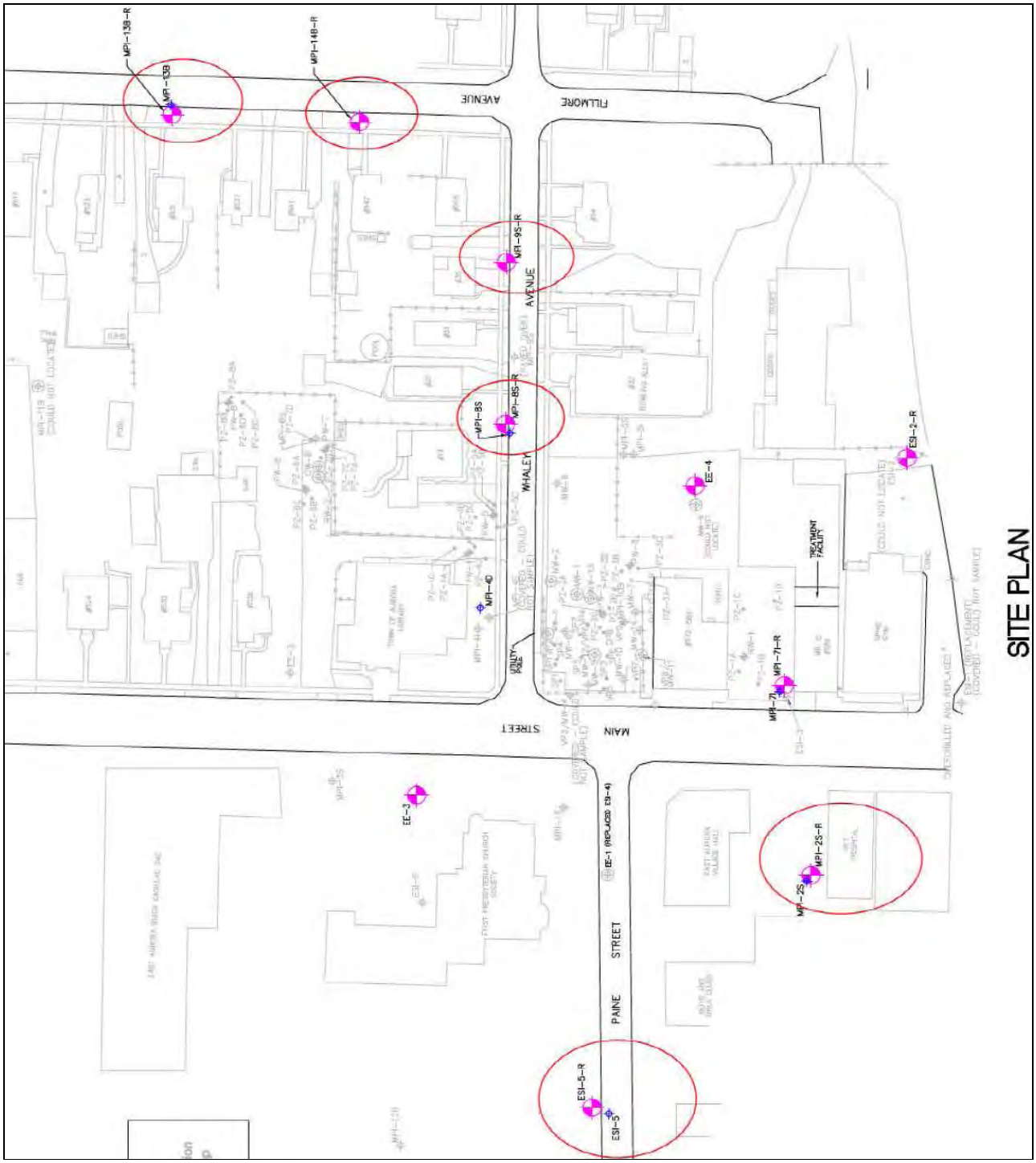
Figure 3: View of Utility Clearance at MPI-7I-R (Looking East)

DAILY OBSERVATION REPORT

Site Sketch: Pg. 1 of 1

Report No. 002

Date: 12/13/11



Mr. C's Monitoring Well Improvement Program 2011

Note: Village of Aurora wells circled in RED

DAILY OBSERVATION REPORT

Report No. 003 E & E Project File: 002700.DC13 Date: 12/14/11

NYSDEC

Division of Environmental Remediation

Mr. C's Dry Cleaner site
NYSDEC Site No. 9-15-157
Monitoring Well Network Improvements

East Aurora, New York

Temperature: (F) 36(am)
34(pm)

Wind Direction: North(am)
North(pm)

Weather: (am) Cloudy
(pm) Cloudy/ Rain

Arrive at site 0745

Leave site: 1635

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (X) * No ( )
-- Waters Yes ( ) n/a (X) * No ( )
-- Air Yes ( ) n/a (X) * No ( )

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes (X) No ( )

Photos Taken: Yes (X) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

Larry Roedl (EEEPC) arrived on site and met with the contractor from (QIS), and Nicole Jarzyniecki (GES). Nicole held a site tailgate safety meeting. After the meeting QIS, started to drill MPI-7I-R to the same depth that MPI-7 was drilled to. QIS completed the installation of well MPI-7I-R. QIS filled MPI-7 with grout to 5 feet below the surface. The grout will set overnight to harden so when the casing on the well is removed it will not leak into the new well.

SAMPLING (Soil/Water/Air): Contractor Sample ID:	**E & E Sample ID:**	**Description:**

DAILY OBSERVATION REPORT

Report No. 003 Date: 12/14/11

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Drilling rig and a support truck

1 – Active Equipment

VISITORS TO SITE: Dave Szymanski (NYSDEC), Steven Leitten, Wendy (GES) , Mike Steffan (EEEPC)

PROJECT SCHEDULE ISSUES:

The proposed work schedule has changed. GES is working on wells in areas with high traffic and parking issues first. Planned work for tomorrow includes decommissioning MPI-7I and installing EE-3 and ESI-2-R.

PROJECT BUDGET ISSUES: None

ITEMS OF CONCERN: None

COMMENTS: NONE

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

Photo Log and Site Map

SITE REPRESENTATIVE: **Lawrence Roedl , Site Representative, EEEPC**

Name: (*signature*) Lawrence T Roedl Dated: 12/14/11

xc: W. Welling - NYSDEC
M. Steffan – E & E Buffalo

DAILY OBSERVATION REPORT

Report No. 003

Date: 12/14/11

Figure 1: View of Well MPI-71-R Installation (Looking North AM)

Figure 2: View of Well MPI-71-R Installation (Looking North PM)

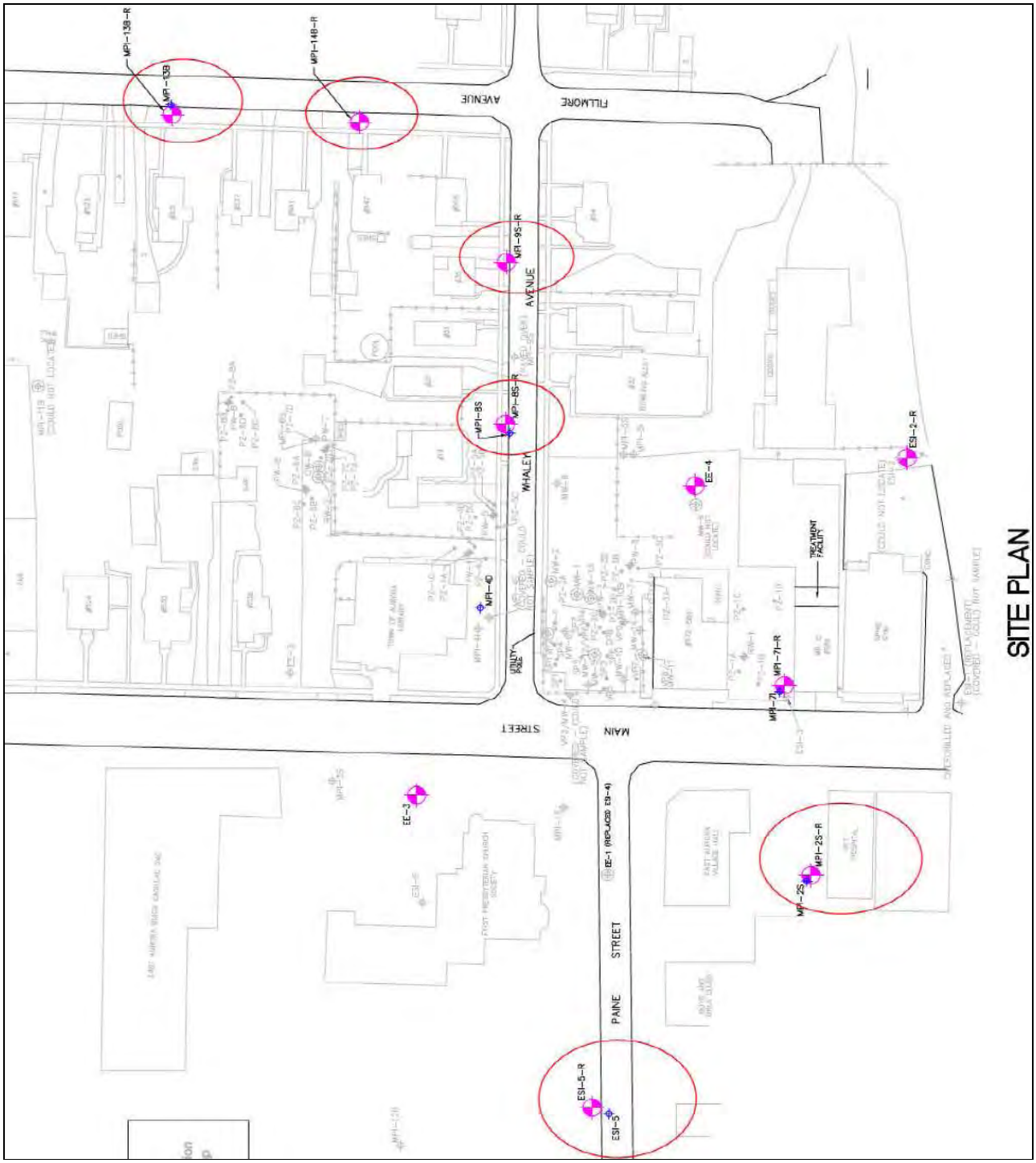
Figure 3: View of Looking down at finished monitoring well MPI-7I-R (pm)

DAILY OBSERVATION REPORT

Site Sketch: Pg. 1 of 1

Report No. 003

Date: 12/14/11



Mr. C's Monitoring Well Improvement Program 2011

Note: Village of Aurora wells circled in RED

DAILY OBSERVATION REPORT

Report No. 004 E & E Project File: 002700.DC13 Date: 12/15/11

NYSDEC

Division of Environmental Remediation

Mr. C's Dry Cleaner site
NYSDEC Site No. 9-15-157
Monitoring Well Network Improvements

East Aurora, New York

Temperature: (F) 52(am)
54(pm)

Wind Direction: South(am)
East (pm)

Weather: (am) Cloudy / Rain
(pm) Cloudy / Rain

Arrive at site 0745

Leave site: 1705

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (X) * No ( )
-- Waters Yes ( ) n/a (X) * No ( )
-- Air Yes ( ) n/a (X) * No ( )

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No ( )

Photos Taken: Yes (X) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

Larry Roedl (EEEPC) arrived on site and met with the contractor from (QIS), and Nicole Jarzyniecki (GES) Nicole held a site tailgate safety meeting. After the meeting, QIS started over drilling MPI-7I to a depth of 5 feet, the 8 inch boring was filled with grout to 1' 2" below the surface. Concrete will be poured into the void on 12/16/11. QIS began to build a portable decon pad. After the decon pad was built, they decon'ed all the augers and rods. QIS started to drill EE-4 to a depth of 15' this monitoring well was logged by GES and also sampled for (VOA 8260). QIS started to drill ESI-2R to a depth of 19' at this location had to be move 5' east because the transformers were too close to the rig. All the concrete pads will be poured on 12/16/11. QIS decon'ed all augers and cleaned the work area before leaving for the day.

SAMPLING (Soil/Water/Air): Contractor Sample ID:	**E & E Sample ID:**	**Description:**

DAILY OBSERVATION REPORT

Report No. 004 Date: 12/15/11

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Drilling rig and a support truck

1 – Active Equipment

VISITORS TO SITE: None

PROJECT SCHEDULE ISSUES:

The proposed work schedule has changed. Planned work for tomorrow includes decommissioning MPI-4D, installing monitoring well EE-3, and finishing the concrete pads.

PROJECT BUDGET ISSUES: None

ITEMS OF CONCERN: None

COMMENTS: None

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

Photo Log and Site Map

SITE REPRESENTATIVE: **Lawrence Roedl , Site Representative, EEEPC**

Name: (*signature*) Lawrence T Roedl Dated: 12/15/11

xc: W. Welling - NYSDEC
M. Steffan – E & E Buffalo

DAILY OBSERVATION REPORT

Report No. 004

Date: 12/15/11

Figure 1: View of drilling at EE-4 (Looking West AM)

Figure 2: View of split spoon core 2'-4' bgs at EE-4 (AM)

Figure 3: View of split spoon core 4'-6' bgs at EE-4 (AM)

Figure 4: View of split spoon core 6'-8' bgs at EE- 4 (AM)

Figure 5: View of split spoon core 8'-10' bgs at EE-4 (AM)

Figure 6: View of split spoon core 10'-12' bgs at EE-4 (AM)

Figure 7: View of split spoon core 14-15' bgs at EE-4 (AM)

Figure 8: View of EE-4 well construction for the day (Looking West AM)

Figure 9: View of drilling at ESI-2-R (Looking Northeast PM)

Figure 10: View of drilling at ESI-2-R (Looking Southwest PM)

DAILY OBSERVATION REPORT

Report No. 005 E & E Project File: 002700.DC13 Date: 12/16/11

NYSDEC

Division of Environmental Remediation

Mr. C's Dry Cleaner site
NYSDEC Site No. 9-15-157
Monitoring Well Network Improvements

East Aurora, New York

Temperature: (F) 37(am)
37(pm)

Wind Direction: West(am)
West (pm)

Weather: (am) Cloudy /Rain
(pm) cloudy / Rain

Arrive at site 0745

Leave site: 1640

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (X) * No ( )
-- Waters Yes ( ) n/a (X) * No ( )
-- Air Yes ( ) n/a (X) * No ( )

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes (X) No ( )

Photos Taken: Yes (X) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

Larry Roedl (EEEPC) arrived on site and met with the contractors from (QIS), and Nicole Jarzyniecki (GES). Nicole held a site tailgate safety meeting. After the meeting, QIS started to pour concrete pads for monitoring wells ESI-2-R and EE-4, Andy from (QIS) at EE-3 started to excavate the soil by hand to a depth of 5 feet because the gas company did not mark the location of the gas lines. Will Welling (NYSDEC) was on site. After the excavation was completed the drilling rig was in put in place. A spilt spoon was driven down to the well depth of 28 feet, the PID reading were between 0.1 and 6.7. GES completed the installation of EE-3. MPI-4D was not decommissioned because QIS ran out of day light. The decon will be done on Monday December 19, 2011 before work begins.

SAMPLING (Soil/Water/Air): Contractor Sample ID:	**E & E Sample ID:**	**Description:**

DAILY OBSERVATION REPORT

Report No. 005 Date: 12/16/11

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Drilling rig and a support truck

1 – Active Equipment

VISITORS TO SITE: Will Wellings (NYSDEC), Andy Kucserik (QIS)

PROJECT SCHEDULE ISSUES:

Decommission MPI-4D, MPI-2S Install monitoring wells MPI-2S-R Decon augers

PROJECT BUDGET ISSUES: None

ITEMS OF CONCERN: None

COMMENTS: None

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

SITE REPRESENTATIVE: **Lawrence Roedl , Site Representative, EEEPC**

Name: (*signature*) Lawrence T Roedl Dated: 12/16/11

xc: W. Welling - NYSDEC
M. Steffan – E & E Buffalo

DAILY OBSERVATION REPORT

Report No. 005 Date: 12/16/11

Figure 1: View of Hand Excavation to 5' for Utility Clearance at EE-3 (Looking South AM)

Figure 2: View of finished well pad at EE-4 (AM)

Figure 3: View of Finished Well Pad at ESI-2-R (AM)

Figure 4: View of GES setting the rig on EE- 3 (AM)

Figure 5: View of split spoon core 5'-6' bgs at EE-3 (No Recovery)

Figure 6: View of split spoon core 6'-8' bgs at EE-3 (No Recovery)

Figure 7: View of split spoon core 8'-10' bgs at EE-3

Figure 8: View of split spoon core 10'-12' bgs at EE-3

Figure 9: View of split spoon core 12'-14' bgs at EE-3

Figure 10: View of split spoon core 14'-16' bgs at EE-3

Figure 11: View of split spoon core 16'-18' bgs at EE-3

Figure 12: View of split spoon core 18'-20' bgs at EE-3 (No Recovery)

Figure 13: View of split spoon core 20'-22' bgs at EE-3

Figure 14: View of split spoon core 22'-24' bgs at EE-3

Figure 15: View of split spoon core 24'-26' bgs at EE-3

Figure 16: View of split spoon core 26'-28' bgs at EE-3

Figure 17: View of GES Setting well at EE-3

Figure 18: View of Finished Well Pad at EE-3

Figure 19: View of Work Area for Split Spoon Decon

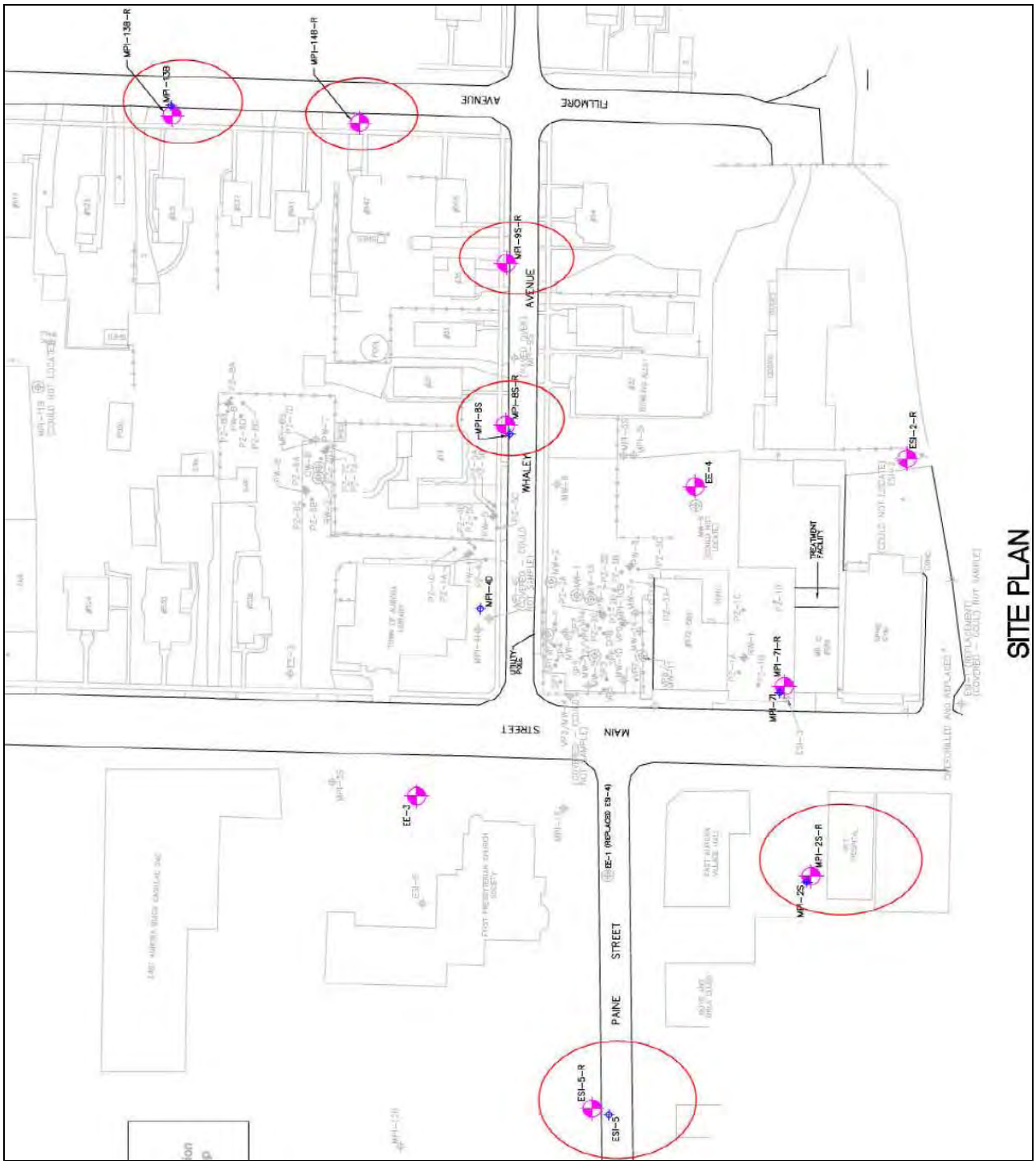
Figure 20: View of Work Zone during Drilling

DAILY OBSERVATION REPORT

Site Sketch: Pg. 1 of 1

Report No. 005

Date: 12/14/11



Mr. C's Monitoring Well Improvement Program 2011

Note: Village of Aurora wells circled in RED

DAILY OBSERVATION REPORT

Report No. 006 E & E Project File: 002700.DC13 Date: 12/19/11

NYSDEC

Division of Environmental Remediation

Mr. C's Dry Cleaner site
NYSDEC Site No. 9-15-157
Monitoring Well Network Improvements

East Aurora, New York

Temperature: (F) 37(am)
37(pm)

Wind Direction: West(am)
West (pm)

Weather: (am) Cloudy/Windy
(pm) Cloudy/Windy

Arrive at site 0745

Leave site: 1810

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (X) * No ( )
-- Waters Yes ( ) n/a (X) * No ( )
-- Air Yes ( ) n/a (X) * No ( )

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (X)

Photos Taken: Yes (X) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

Brandon Chiasera (EEEPC) arrived on site and met with L. Roedl (EEEPC) for a site briefing and the contractors from QIS and GES. Tom from GES held a site tailgate safety meeting. After the meeting, decon work was performed on the drilling equipment and L. Roedl was off site afterward. Decommissioning began and was completed at MPI-4D. Drilling then began and was completed at MPI-14B-R shortly after noon. Drilling was begun and completed at MPI-2S-R. During the drilling activities at MPI-2S-R, Mr. Bryan R. Gazda, East Aurora Village Administrator visited the site and inquired about the activity. It was briefly explained to him that the work was in conjunction with previous work in the area. Mr. Gazda was off site shortly thereafter. After MPI-2S-R drilling was completed, the crews moved the equipment back to the staging area for decon. Tomorrow's work will consist of decommissioning MPI-2S, completing MPI-2S-R and MPI-14B-R, decon and cleaning up.

SAMPLING (Soil/Water/Air): Contractor Sample ID:	**E & E Sample ID:**	**Description:**

DAILY OBSERVATION REPORT

Report No. 006 Date: 12/19/11

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Drilling rig and a support truck from QIS. Support truck from GES.

1 – Active Equipment

VISITORS TO SITE:

Bryan R. Gazda, Village of East Aurora Administrator

PROJECT SCHEDULE ISSUES:

PROJECT BUDGET ISSUES: None

ITEMS OF CONCERN: None

COMMENTS: None

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

Photo log

SITE REPRESENTATIVE: **Brandon Chiasera, Site Representative, EEEPC**

Name: (*signature*)

Dated: 12/19/11

xc: W. Welling - NYSDEC
M. Steffan – E & E Buffalo

DAILY OBSERVATION REPORT

Report No. 006

Date: 12/19/11

Figure 1: Decontamination pad in parking lot at intersection of Main St. and Whaley Ave, looking South.

DAILY OBSERVATION REPORT

Report No. 007 E & E Project File: 002700.DC13 Date: 12/20/11

NYSDEC

Division of Environmental Remediation

Mr. C's Dry Cleaner site
NYSDEC Site No. 9-15-157
Monitoring Well Network Improvements

East Aurora, New York

Temperature: (F) 30(am)
32(pm)

Wind Direction: West(am)
West (pm)

Weather: (am) Cloudy
(pm) Sunny

Arrive at site 0745

Leave site: 1400

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (X) * No ( )
-- Waters Yes ( ) n/a (X) * No ( )
-- Air Yes ( ) n/a (X) * No ( )

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (X)

Photos Taken: Yes ( ) No (X)

DESCRIPTION OF DAILY WORK PERFORMED:

Brandon Chiasera (EEEPC) arrived on site and met with contractors from QIS and GES. Tom from GES held a site tailgate safety meeting. After safety meeting, the equipment was moved to well MPI-2S for decommissioning. After the well was decommissioned to specs, well MPI-2S-R was completed. After completion of MPI-2S-R, the crew moved to well MPI-14B-R for completion. After completing MPI-14B-R, the site was cleaned up of drill cuttings, as was the proposed site for MPI-13B-R. After cleaning up, the drillers moved their equipment back to the staging area for demobilization. All decontamination water was properly disposed of at the on-site treatment center.

SAMPLING (Soil/Water/Air): Contractor Sample ID:	**E & E Sample ID:**	**Description:**

DAILY OBSERVATION REPORT

Report No. 007 Date: 12/20/11

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Drilling rig and a support truck from QIS. Support truck from GES.

1 – Active Equipment

VISITORS TO SITE:

None

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES: None

ITEMS OF CONCERN: None

COMMENTS: None

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

None

SITE REPRESENTATIVE: **Brandon Chiasera, Site Representative, EEEPC**

Name: (*signature*)

Dated: 12/20/11

xc: W. Welling - NYSDEC
M. Steffan – E & E Buffalo

DAILY OBSERVATION REPORT

Report No. 008 E & E Project File: 002700.DC13 Date: 1/23/12

NYSDEC

Division of Environmental Remediation

Mr. C's Dry Cleaner site
NYSDEC Site No. 9-15-157
Monitoring Well Network Improvements

East Aurora, New York

Temperature: (F) __38_____(am)
___41____(pm)

Wind Direction: __west_____(am)
__west_____(pm)

Weather: (am) /
(pm) /

Arrive at site 08:30

Leave site: 16:30

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a ( ) * No ( )
-- Waters Yes ( ) n/a ( ) * No ( )
-- Air Yes ( ) n/a ( ) * No ( )

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (x)

Photos Taken: Yes (x) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

L.Roedl EEEPC, MET JENNIFER and TOM from GES on site to perform monitoring well development for the six new well that were installed in December. Monitoring Well that were completed today were MPI-14BR, MPI2-SR, ESI-2R, water depth ,and field measurement of conductivity, ph and turbidity were taken every 5 minutes with a water quality meter(Horiba) The development water that was purged out of the well was placed into 55 gallon drums and then pumped into the treatment system. The roll-off dumpster were pick up today by Russo Environmental.

SAMPLING (Soil/Water/Air): Contractor Sample ID:	**E & E Sample ID:**	**Description:**

DAILY OBSERVATION REPORT

Report No. 008 Date: 1/23/12

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

1 – Active Equipment

VISITORS TO SITE:

None

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

COMMENTS:

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

SITE REPRESENTATIVE: _____**, Site Representative, EEEPC**

Name: (*signature*) Lawrence T Roedl

_____

xc: W. Welling - NYSDEC
M. Steffan – E & E Buffalo

Report No. 008 Date: 1/23/12

Photo Documentation:

DAILY OBSERVATION REPORT

Report No. 008

Date: 1/23/12

DAILY OBSERVATION REPORT

Report No. 008

Date: 1/23/12

Report No. 008 Date: 1/23/12

DAILY OBSERVATION REPORT

Report No. 009 E & E Project File: 002700.DC13 Date: 1/24/12

NYSDEC

Division of Environmental Remediation

Mr. C's Dry Cleaner site
NYSDEC Site No. 9-15-157
Monitoring Well Network Improvements

East Aurora, New York

Temperature: (F) 30 (am)
28 (pm)

Wind Direction: West (am)
(pm)

Weather: (am) /
(pm) /

Arrive at site 0730

Leave site: 15:15

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?

-- Soils	Yes ( )	n/a (x)	* No ( )
-- Waters	Yes ( )	n/a (x)	* No ( )
-- Air	Yes ( )	n/a (x)	* No ( )

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (x)

Photos Taken: Yes (x) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

L.Roedl EEEPC, MET JENNIFER and TOM from GES on site to perform monitoring well development for the six new well that were installed in December. Monitoring Well that were completed today were MPI-7IR, at EE-4 EEEPC noticed a oily sheen during development of the monitoring well. EE-3, water depth , and field measurement of conductivity, ph and turbidity were taken every 5 minutes with a water quality meter(Horiba) The development water that was purged out of the well was placed into 55 gallon drums and then pumped into the treatment system.

DAILY OBSERVATION REPORT

Report No. _____ Date: 1/24/12

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

1 – Active Equipment

VISITORS TO SITE:

None

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

None

COMMENTS:

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

SITE REPRESENTATIVE: **Lawrence Roedl, Site Representative, EEEPC**

Name: (*signature*) Lawrence T Roedl

xc: W. Welling - NYSDEC
M. Steffan – E & E Buffalo
T. Heins - E&E Buffalo

DAILY OBSERVATION REPORT

Report No. 009

Date: 1/24/12

Figure 1: View of well development at MPI-&I-R (Looking S)

Figure 2: View of development water from EE-3 (Looking down)

Figure 3: View of development of well EE-3 (Looking S, PM)

DAILY OBSERVATION REPORT

Report No. ~~0040~~ 010 (LR 5/2/12)   E & E Project File: Date: May 2, 2012

NYSDEC

Division of Environmental Remediation
NYSDEC Site No.
Monitoring Well Network Improvements

Temperature: (F) 50 (am) 68 (pm)
Wind Direction: None (am) None (pm)
Weather: (am) Sunny /
(pm) Sunny /
Arrive at site 07:12
Leave site: 16:30

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? (If yes, list the deviation under items for concern) Yes ( ) No (X)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (X) No( )
-- Waters Yes ( ) n/a (X) No( )
-- Air Yes( ) n/a (X) No( )
- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (X)

Photos Taken: Yes (X) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

Larry Roedle EEEPC On site, waiting For GES and QIS to Arrive two Rolloff dumpsters were on site. At 8:30 Nicole (GES) Held a tailgate Safety ~~meeting~~ (LR 5/2/12) meeting with QIS and EEEPC. the Scope of work was to Hand clear All Locations that monitor Wells were to Be installed to a Depth of 8 Feet. (this WAS for Utility clearance), MPI8SR was ~~clear~~ Hand dug to a depth of 5'9", mPI9SR was Hand dug to a depth of 5" QIS will Complete the depth on this on wednesday May 3, Also mPI-13BR was only Saw cut 5". QIS placed all Soil into A C+D Rolloff.

SAMPLING (Soil/Water/Air): Contractor Sample ID:	**E & E Sample ID:**	**Description:**

DAILY OBSERVATION REPORT

Report No. 010 Date May 2, 2012

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Compress, Jack Hammer, support Truck - Roll off. QiS Ron, Jason, Brian, GES Nicole.

1 – Active Equipment

VISITORS TO SITE:

NONE

PROJECT SCHEDULE ISSUES:

NONE

PROJECT BUDGET ISSUES:

NONE

ITEMS OF CONCERN:

Trees on Property that may be damage, QiS is Using a Small Drilling Rig out to minimize the tree damage.

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

None

SITE REPRESENTATIVE: Lawrence Roedl, **Site Representative, EEEPC**

Name: (*signature*) Lawrence Roedl

DAILY OBSERVATION REPORT

Report No. 010

Date: 5/02/12

Figure 1: View of hand clearing borehole MPI-8S-R (Looking S, PM)

Figure 2: View of hand clearing borehole MPI-8S-R (Looking S, PM)

Figure 3: View of depth of borehole MPI-8S-R (Looking S, PM)

Figure 4: View of borehole MPI-8S-R (Looking down the hole, PM)

Figure 5: View of saw cutting MPI-9S-R (Looking ESE, PM)

Figure 6: View of saw cutting MPI-9S-R (Looking ESE, PM)

Figure 7: View of saw cutting MPI-13B-R (Looking NE, PM)

Figure 8: View of jack hammer for hand dig to street at MPI-13B-R (Looking E, PM)

DAILY OBSERVATION REPORT

Report No. 004-11 E & E Project File: Date: May 3, 2012

NYSDEC

Division of Environmental Remediation
NYSDEC Site No.
Monitoring Well Network Improvements

Temperature: (F) 57 (am) 88 (pm)
Wind Direction: NW (am) NW (pm)
Weather: (am) Sunny
(pm) Sunny
Arrive at site 7:42
Leave site: 16:35

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? (If yes, list the deviation under items for concern) Yes ( ) No (X)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (X) No( )
-- Waters Yes ( ) n/a (X) No( )
-- Air Yes( ) n/a (X) No( )
- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (X)

Photos Taken: Yes (X) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

Lee met with Nicole (GES) Q.C. Driller, Held Safety meeting at 8:15 Q.C. Stratton to Hand dig to a depth of 5'-8' at mpI-13BR. For Utility clearance. after mpI-13BR was clear to a depth of 6' 5" on 5/1/12, Q.C. moved to mpI-9R this was Hand dug to a depth of 6' 5" after Q.C. completed Backfill they moved to GES I-5, they Saw cut the Asphalt out began to Hand dig at approx 4' a pipe was encounter. the Town Supervisor Matt was called. and they said they don't Know what Line it was. the Gas company was also call By the Town. the Bore Hole Location was move approx 2' toward the center of Pine Ave

SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:	Description:

DAILY OBSERVATION REPORT

Report No. 011 Date MAY 3, 2012

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Drill Rig, Compressor, Jack Hammer, support Truck, Roll off's - Dis Ron, Jason, Brian, GES, Nicole

1 – Active Equipment

VISITORS TO SITE:

DAVE NYSDEC

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

None

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

SITE REPRESENTATIVE: Lawrence Roedl, **Site Representative, EEEPC**

Name: (*signature*) Lawrence Roedl

DAILY OBSERVATION REPORT

Report No. 011 Date: 5/03/12

Figure 1: View of borehole MPI-13B-R (Looking E, AM)

Figure 2: View of hand clearing at MPI-9S-R (Looking S, AM)

Figure 3: View of hand-cleared borehole MPI-9S-R to 6.5 feet, hitting cobble rock (Looking S, AM)

Figure 4: View of sawcutting at ESI-5-R (Looking WSW, PM)

Figure 5: View of hand clearing ESI-5-R to a depth of 5-8 feet (Looking W, PM)

Figure 6: View of slag that was pulled out of borehole ESI-5-R (Looking down, PM)

Figure 7: View of pipe in first borehole dug at ESI-5-R (Looking down, PM)

Figure 8: View of second finished, hand-cleared borehole at ESI-5-R (Looking down, PM)

DAILY OBSERVATION REPORT

Report No. ~~004~~ 12 E & E Project File: Date: MAY 4, 2012

NYSDEC

Division of Environmental Remediation
NYSDEC Site No.
Monitoring Well Network Improvements

Temperature: (F) 62° (am) 73 (pm)
Wind Direction: NNE (am) west (pm)
Weather: (am) Cloudy /
(pm) Sunny /
Arrive at site 7:45
Leave site: 16:20

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (X)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (X) No( )
-- Waters Yes ( ) n/a (X) No( )
-- Air Yes( ) n/a (X) No( )
- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (X)

Photos Taken: Yes (X) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

Lee met with Nicole. Qis Held Safety meeting with Qis, Scope of work today will, pull of Grout all Monitoring well for decommissioning. Qis Granted old Monitor wells in place because the could not Pull them out all curb Box were Removed and Ashphalt was placed in the Road to patch Hole. decommissioned Monitoring well were mpI 8S, mpI 13B, ESI 5 Qis moved over to mpI 8SR and Started to Drill down to 18.5 feet, Qis set the pvc Monitor well, But as they pulled up on the Augers the Monitor well Raised ~ 3.5 feet. this Monitor well will Be Re drilled on 5/7/12

SAMPLING (Soil/Water/Air): Contractor Sample ID:	E & E Sample ID:	Description:

DAILY OBSERVATION REPORT

Report No. 12 Date

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Trac Rig, Drilling Rig, Support Truck, Dumpster (Rolloff), QIS Ron, Jason, Brian, GES Nicole

1 – Active Equipment

VISITORS TO SITE:

None

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

None

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

SITE REPRESENTATIVE: Lawrence Rodl, **Site Representative, EEEPC**

Name: (*signature*) Lawrence Rodl

DAILY OBSERVATION REPORT

Report No. 012 Date: 5/04/12

Figure 1: View of grouted well MPI-8S (Looking S, AM)

Figure 2: View of removal of manway at MPI-8S (Looking SW, AM)

Figure 3: View of decommissioning of MPI-8S (Looking S, AM)

Figure 4: View of removal of MPI-13B manway by slam bar around the cast iron ring (Looking SSE, AM)

Figure 5: View of set up for tremie grouting MPI-13B (Looking SW, AM)

Figure 6: View of tremie grouting at ESI-5 (Looking W, PM)

Figure 7: View of removal of cub box at ESI-5 (Looking down, PM)

Figure 8: View of drill rig set up at MPI-8S to install new well (Looking W, PM)

Figure 9: View of drilling at MPI-8S (Looking W, PM)

Figure 10: View of installation of well riser at MPI-8S (Looking W, PM)

Figure 11: View of patched ESI-5 after decommissioning of the well (Looking down, PM)

Figure 12: View of patched MPI-13B after decommissioning of the well (Looking W, PM)

DAILY OBSERVATION REPORT

Report No. 00113 E & E Project File: Date: 7 May 2012

NYSDEC

Division of Environmental Remediation
NYSDEC Site No.
Monitoring Well Network Improvements

Temperature: (F) 57° (am) 62° (pm)
Wind Direction: _____(am) _____(pm)
Weather: (am) overcast
(pm) /
Arrive at site 0800
Leave site: 1740

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? (If yes, list the deviation under items for concern) Yes ( ) No (Y)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (Y) No( )
-- Waters Yes ( ) n/a (Y) No( )
-- Air Yes( ) n/a (Y) No( )
- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (Y)

Photos Taken: Yes (Y) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

Install replacement wells MPI-8S-R, MPI9S-R, ESI-5-R
Decon augers / tooling
Set Concrete Surface Pad at MPI-8S-R

SAMPLING (Soil/Water/Air): Contractor Sample ID:	**E & E Sample ID:**	**Description:**
NA	NA	NA

DAILY OBSERVATION REPORT

Report No. 13

Date 7 May 2012

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Acker drill rig
Support truck
mini track mounted drill rig

1 – Active Equipment

VISITORS TO SITE:

NA

PROJECT SCHEDULE ISSUES:

NA

PROJECT BUDGET ISSUES:

NA

ITEMS OF CONCERN:

NA

COMMENTS:

Rain making pad install difficult due to locations along curb and resulting surface runoff

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

SITE REPRESENTATIVE: SARAH CRAIG, **Site Representative, EEEPC**

Name: (*signature*)

DAILY OBSERVATION REPORT

Report No. 013 Date: 5/07/12

Figure 1: View of bentonite seal in MPI-8S-R (Looking WSW, AM)

Figure 2: View of well following placement of bentonite in MPI-8S-R (Looking S, AM)

Report No. 013 Date: 5/07/12

Figure 3: View of drilling at MPI-9S-R (Looking NE, AM)

Figure 4: View of grout at MPI-9S-R (Looking NE, AM)

Figure 5: View of drill rig before decon (Looking E, PM)

Figure 6: View of decon pad (Looking W, PM)

Figure 7: View of auger decon (Looking E, PM)

Figure 8: View of drilling at ESI-5-R (Looking SSW, PM)

DAILY OBSERVATION REPORT

Report No. 001A

E & E Project File:

Date: 8 May 2012

NYSDEC

Division of Environmental Remediation
NYSDEC Site No.
Monitoring Well Network Improvements

Temperature: (F) 55 (am) _____ (pm)

Wind Direction: _____ (am) _____ (pm)

Weather: (am) Rain / overcast
(pm) overcast mixed Sun/clouds

Arrive at site 0800

Leave site: _____

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (N)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (N) No( )
-- Waters Yes ( ) n/a (N) No( )
-- Air Yes( ) n/a (N) No( )
- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (N)

Photos Taken: Yes (N) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

Install final replacement well MPI-13B-R

SAMPLING (Soil/Water/Air): Contractor Sample ID:	**E & E Sample ID:**	**Description:**
NA	NA	NA

DAILY OBSERVATION REPORT

Report No. 14

Date 8 may 2012

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

Acker drill Rig
Support truck

1 – Active Equipment

VISITORS TO SITE:

NA

PROJECT SCHEDULE ISSUES:

NA

PROJECT BUDGET ISSUES:

NA

ITEMS OF CONCERN:

NA

COMMENTS:

Work Complete

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

SITE REPRESENTATIVE: Sarah Craig **, Site Representative, EEEPC**

Name: (*signature*)

DAILY OBSERVATION REPORT

Report No. 014 Date: 5/08/12

Figure 1: View of mobilizing to MPI-13B-R (Looking W, AM)

Figure 2: View of drilling at MPI-13B-R (Looking SW, AM)

Figure 3: View of drilling at MPI-13B-R (Looking SW, AM)

Figure 4: View of discharging decon water through filter into treatment system sump (Looking S, PM)

Figure 5: View of MPI-13B-R before construction of well pad (Looking SW, PM)

Figure 6: View of MPI-13B-R after construction of well pad (Looking SW, PM)

Figure 7: View of ESI-5-R after construction of well pad (Looking down, PM)

Figure 8: View of MPI-9S-R after construction of well pad (Looking E, PM)

Figure 9: View of MPI-8S-R after construction of well pad (Looking N, PM)

DAILY OBSERVATION REPORT

Report No. 001 15 E & E Project File: Date: 5/24/12

NYSDEC

Division of Environmental Remediation
NYSDEC Site No.
Monitoring Well Network Improvements

Temperature: (F) 71°F (am) 80" (pm)
Wind Direction: — (am) — (pm)
Weather: (am) Sunny / (pm) Sunny /
Arrive at site 0825
Leave site: 1600

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? (If yes, list the deviation under items for concern) Yes ( ) No (X)

Are monitoring results at acceptable levels?
-- Soils Yes ( ) n/a (X) No( )
-- Waters Yes ( ) n/a (X) No( )
-- Air Yes( ) n/a (X) No( )
- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (X)

Photos Taken: Yes (X) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

Developed 4 monitoring wells; ESI-5-R, MPI-8S-R, MPI-9S-R, and MPI-13B-R by purging 3+ well volumes of groundwater.

SAMPLING (Soil/Water/Air): Contractor Sample ID: NA	**E & E Sample ID:**	**Description:**

DAILY OBSERVATION REPORT

Report No. 15

Date 5/24/12

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

M. Fronckowiak - EEEPC
T. Palmer - GES } Horiba, Solinst, Whale pump (see use under Comments)
J. Siniscalchi - GES
W. Tucker - Clear Creek Land Surveying } GPS-based surveying equipment
J. Shafer Clear Creek Land Surveying

1 – Active Equipment

VISITORS TO SITE:

None

PROJECT SCHEDULE ISSUES:

None

PROJECT BUDGET ISSUES:

None

ITEMS OF CONCERN:

Heat stress

COMMENTS:

Horiba - measure pH, turbidity, and conductivity of groundwater
Solinst - measure depth to water and total well depth
Whale pump - purge groundwater

ATTACHMENT(S) TO THIS REPORT: (field orders, proposed change orders, photo log, sketches)

Photo log.

SITE REPRESENTATIVE: Megan Fronckowiak, **Site Representative, EEEPC**

Name: (*signature*) MFronckowiak

DAILY OBSERVATION REPORT

Report No. 015

Date: 5/24/12

Figure 1: View of development of well ESI-5R (Looking SE)

Figure 2: View of drummed development water (Looking S)

Figure 3: View of development of well MPI-8S-R (Looking S)

Figure 4: View of development of well MPI-9S-R (Looking S)

Figure 5: View of development of well MPI-8S-R (Looking N)

Figure 6: View sand bag to deflect rainstorm runoff from filling well vault at MPI-9S-R (Looking N)

Figure 7: View of development of well MPI-9S-R, well bailed continuously with cups during development (Looking N)

Figure 8: View of pooling of water behind sand bag at MPI-9S-R (Looking NW)

Figure 9: View of development of well MPI-13B-R (Looking NW)

Attachment B

EEEPC Well Decommissioning Logs

B1 ESI-5

B2 MPI-2S

B3 MPI-4D

B4 MPI-7I

B5 MPI-8S

B6 MPI-13B

FIGURE 3

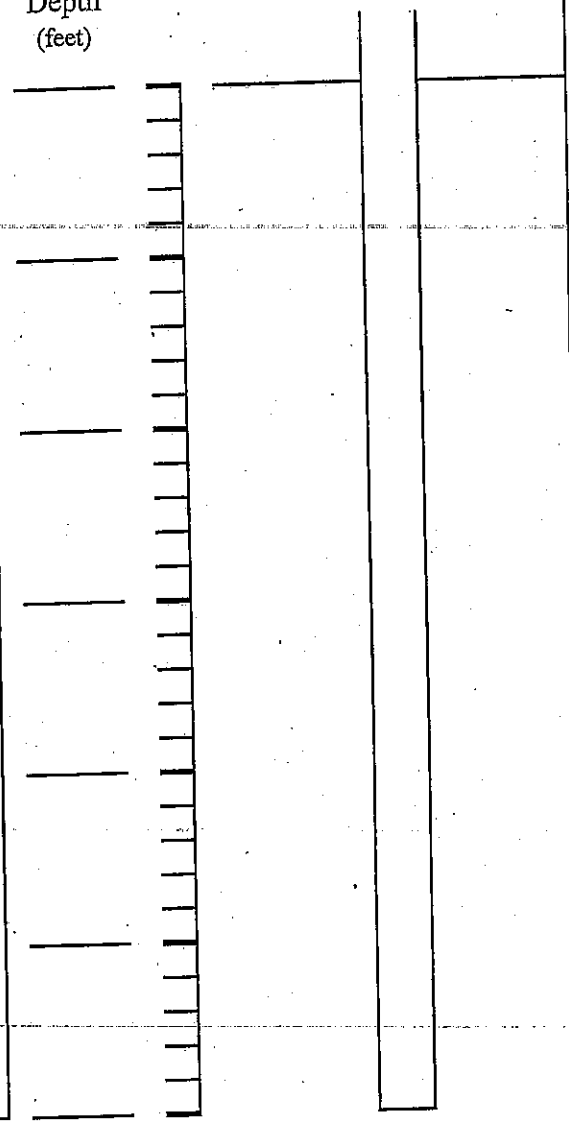
WELL DECOMMISSIONING RECORD

Site Name: MFC's	Well I.D.: ESJ5
Site Location: East Aurora	Driller: Jason Tojdowski
Drilling Co.: QiS	Inspector: L Roedl
	Date: 5/4/11

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	N/A
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	N/A
Casing retrieved (feet)	40
Casing type/dia. (in)	2"
CASING PERFORATING	
Equipment used	N/A
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0.5-14'
# of batches prepared	2
For each batch record:	
Quantity of water used (gal.)	10
Quantity of cement used (lbs.)	100
Cement type	portland
Quantity of bentonite used (lbs.)	~~n/a~~ 2
Quantity of calcium chloride used (lbs.)	N/A
Volume of grout prepared (gal.)	~20 gal
Volume of grout used (gal.)	18 gal

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

QiS
Drilling Contractor

Department Representative

FIGURE 3

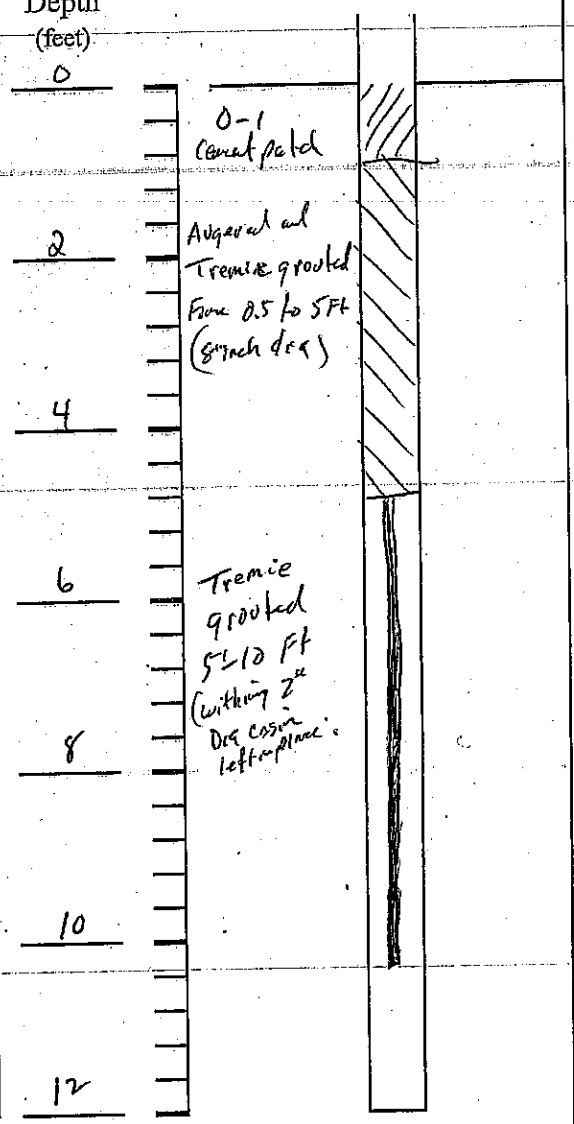
WELL DECOMMISSIONING RECORD

Site Name: Mr C's Dry cleaner	Well I.D.: MPI-25
Site Location: East Aurora	Driller: Ron Brown
Drilling Co.: Quality Inspection Services	Inspector: L. Rood LEEPC, B. Chissea, LEEPC
	Date: 12/20/11

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	0-5 ft bgs
Drilling Method(s)	HSA
Borehole Dia. (in.)	8"
Temporary Casing Installed? (y/n)	N
Depth temporary casing installed	N/A
Casing type/dia. (in.)	2" PVC
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	N/A
Casing type/dia. (in)	N/A
CASING PERFORATING	
Equipment used	N/A
Number of perforations/foot	N/A
Size of perforations	N/A
Interval perforated	N/A
GROUTING	
Interval grouted (FBLS)	0.5-3 ft bgs
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	10
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	12
Volume of grout used (gal.)	6

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

GES
Drilling Contractor

L. Rood - LEEPC
Department Representative

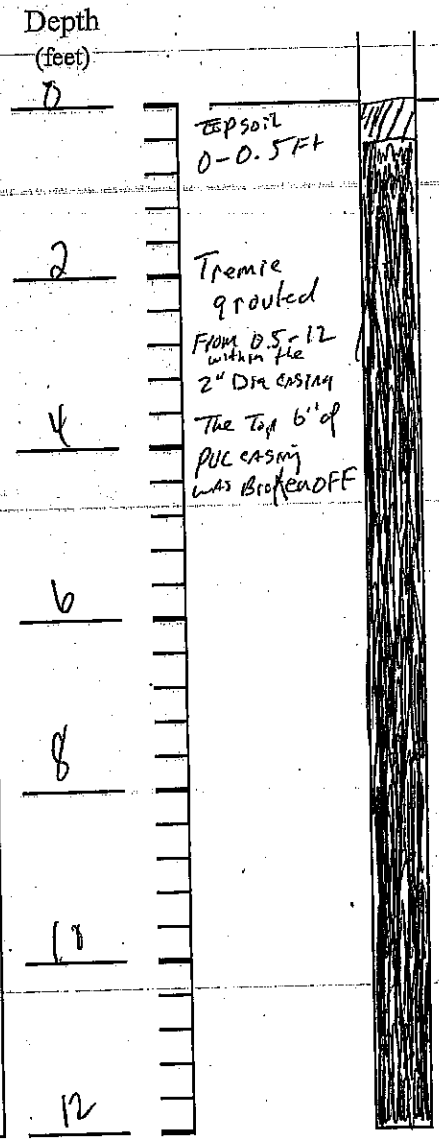
FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: Mr C's Dry Cleaners	Well I.D.: MPT-4D
Site Location: East Aurora NY	Driller: Ron Brown
Drilling Co.: GES	Inspector: L. Roedl EEEPC, B Chiasera EEEPC
	Date: 12/19/12

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	N/A
Drilling Method(s)	N/A
Borehole Dia. (in.)	N/A
Temporary Casing Installed? (y/n)	N
Depth temporary casing installed	N/A
Casing type/dia. (in.)	2" PVC
Method of installing	N/A
CASING PULLING	
Method employed	N/A
Casing retrieved (feet)	N/A
Casing type/dia. (in)	N/A
CASING PERFORATING	
Equipment used	N/A
Number of perforations/foot	N/A
Size of perforations	N/A
Interval perforated	N/A
GROUTING	
Interval grouted (FBLS)	0.5-34 Ft
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	10
Quantity of cement used (lbs.)	94
Cement type	portland
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	N/A
Volume of grout prepared (gal.)	12
Volume of grout used (gal.)	3

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

GES
Drilling Contractor

L. Roedl EEEPC
Department Representative

FIGURE 3

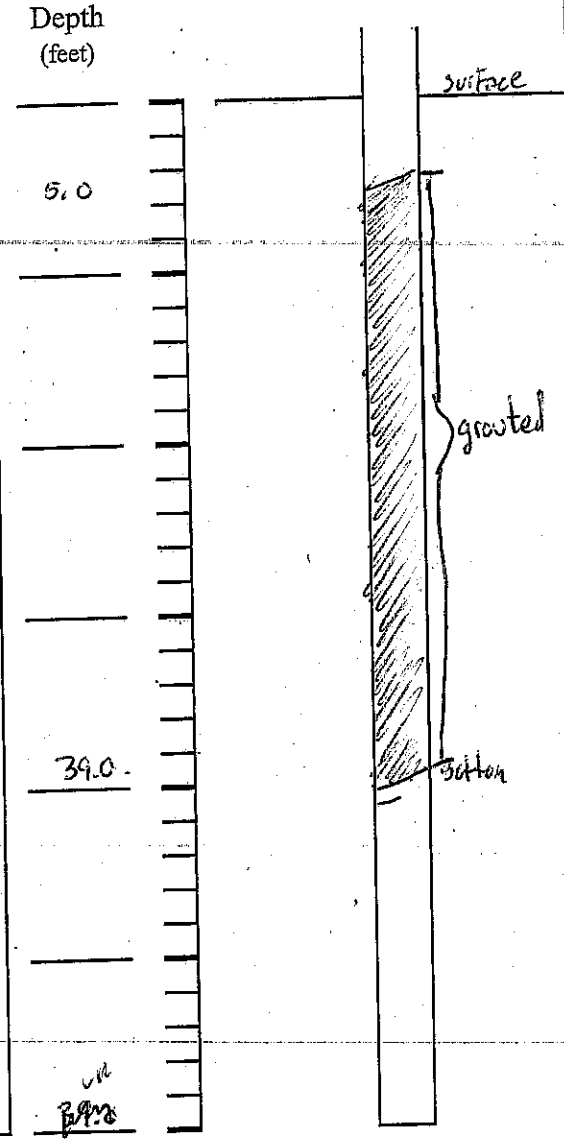
WELL DECOMMISSIONING RECORD

Site Name: MVC's	Well I.D.: MPI-71
Site Location: MPI-71	Driller: QIS
Drilling Co.: QIS	Inspector: L. Doell
	Date: 12/14/11

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	N/A
Drilling Method(s)	
Borehole Dia. (in.)	
~~Temporary Casing Installed? (y/n)~~	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Grout in place
Casing retrieved (feet)	5
Casing type/dia. (in)	PVC 12"
CASING PERFORATING	
Equipment used	N/A
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	5' Below
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	12.5
Quantity of cement used (lbs.)	114
Cement type	portland
Quantity of bentonite used (lbs.)	7
Quantity of calcium chloride used (lbs.)	—
Volume of grout prepared (gal.)	18
Volume of grout used (gal.)	18

WELL SCHEMATIC*



COMMENTS: wells was grouted from 5' to 39'

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

QIS
Drilling Contractor

Department Representative

FIGURE 3

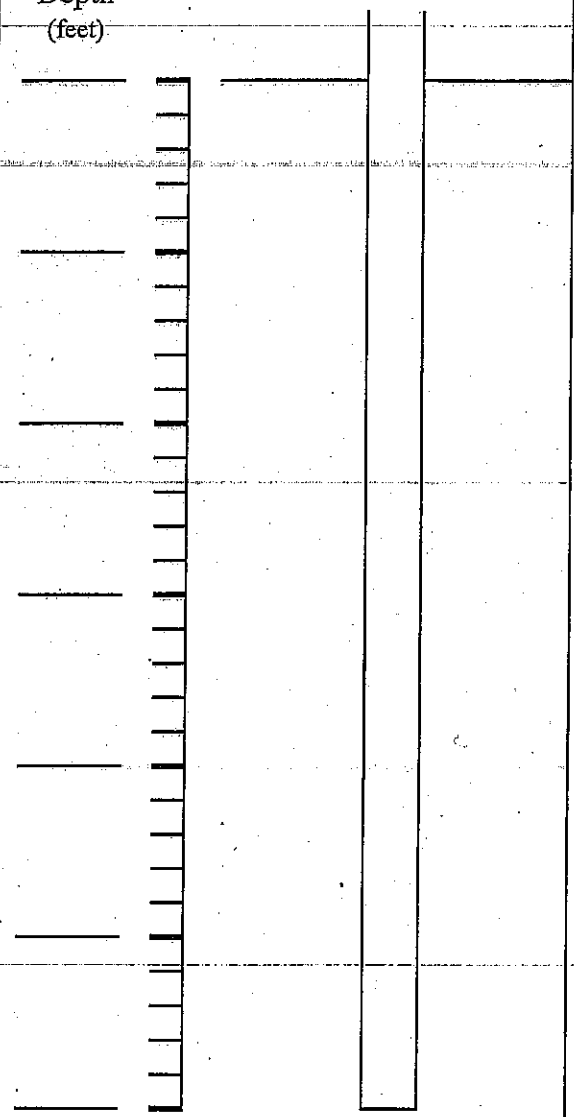
WELL DECOMMISSIONING RECORD

Site Name: Mr C's	Well I.D.: MPT 8 S
Site Location: East Aurora	Driller: Ron Brown
Drilling Co.: QES	Inspector: L. Rodell
	Date: 5/11/11

DECOMMISSIONING DATA (Fill in all that apply)	
OVERDRILLING	
Interval Drilled	n/a
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	n/a
Casing retrieved (feet)	20
Casing type/dia. (in.)	2"
CASING PERFORATING	
Equipment used	n/a
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	6.5-7.5
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	6 gal
Quantity of cement used (lbs.)	50 lbs
Cement type	Portland
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	n/a
Volume of grout prepared (gal.)	~8 gal
Volume of grout used (gal.)	~1 1/4 gal

WELL SCHEMATIC*

Depth (feet)



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

QES
Drilling Contractor

CCEPC Jeanne Rodell
Department Representative

FIGURE 3

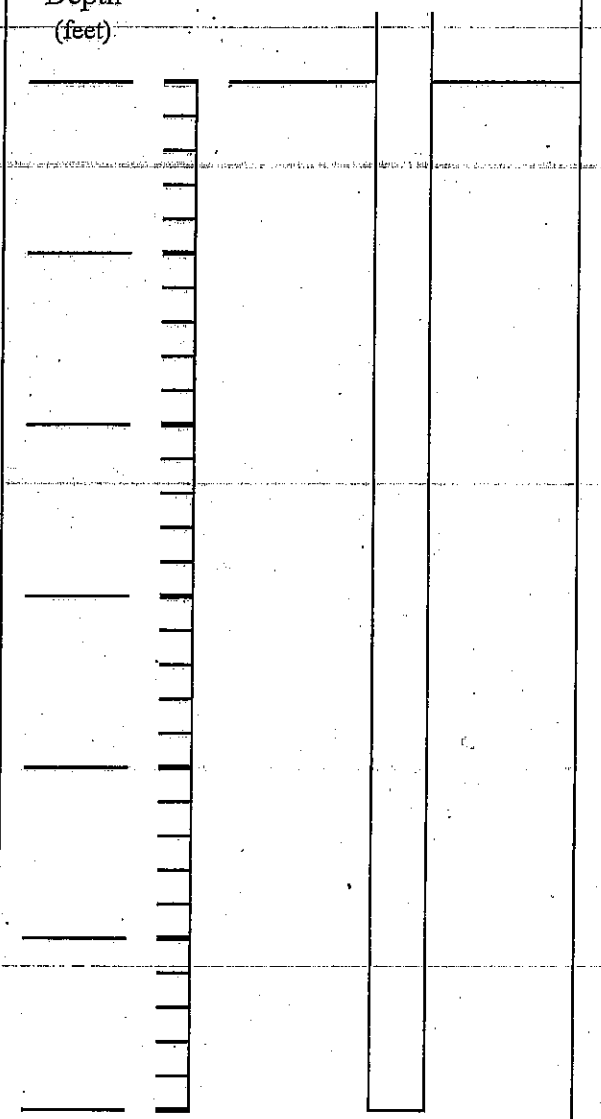
WELL DECOMMISSIONING RECORD

Site Name: Mr C's	Well I.D.: MPF 13B
Site Location: East Aurora	Driller: Jason Tosdowski
Drilling Co.: QES	Inspector: LaBould
	Date: 5/14/12

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	N/A
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	N/A
Casing retrieved (feet)	~0
Casing type/dia. (in)	~2"
CASING PERFORATING	
Equipment used	N/A
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	05-32
# of batches prepared	2
For each batch record:	
Quantity of water used (gal.)	10
Quantity of cement used (lbs.)	100
Cement type	Portland
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	N/A
Volume of grout prepared (gal.)	~20 gal
Volume of grout used (gal.)	~10 gal

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

QES
Drilling Contractor

CCPC Summit Road
Department Representative

Attachment C

Submittal Log

RECORD OF SUBMITTALS, SHOP DRAWINGS AND SUBMISSIONS

Remedial Call-out Contractor

Client Contract No.: NYSDEC Remedial Callout Contractor - GES
NYSDEC Site No.: 9-15-157
EEEPC Project Number: 002700.DC13.03
Project Name: Mr. C's Dry Cleaners - Well Network Improvements

Project Manager: M. Steffan
Oversight Rep.: L. Roedl, B. Chiseara, S. Craig, M. Horanburg
Contractor: Groundwater & Environmental Services

Legend: APP = Approved
APNO = Approved as Noted
RR = Revise and Resubmit
NA = Not Approved
OTHER = "See Comments"

STARTED: November 30, 2011
By: RJM
UPDATED: July 3, 2012
By: RJM

SPEC. SECTION		Submittal #	Date Rec'd	Description of Submittal or Shop Drawing, Equipment, or Material	No. Copies Rec'd	ACTION TAKEN "See legend" APP	APNO	RR	NA	OTHER	Date Ret'd	ACTION TAKEN "See legend" APP	APNO	RR	NA	OTHER	No. Copies Ret'd	Rev'd BY	Comments/Remarks
				Pre-Construction Project Submittals															
1.				**General Project Requirements**															
		2	**11/22/11**	Work Plan	**1**	X												**R. Moxley**	
		1	**11/17/11**	HASP	**1**		X											**R. Moxley**	
				Permits															
		4	**11/29/11**	List of Subcontractors to be used with the project	**1**					X								**W. Welling**	Will Welling approved the selection of QIS on 11/29/11.
				Schedule	**1**	X												**R. Moxley**	
				Project Shop Drawings															
B.				**Material and Products to Be Used**															
		3	**11/28/11**	Screen, schedule 40 PVC 2" ID #10 slot	**1**			X			**12/06/11**	X						**R. Moxley**	
		3	**11/28/11**	Well Riser Pipe, schedule 40 PVC	**1**			X			**12/06/11**	X						**R. Moxley**	
		3	**11/28/11**	Pipe caps and joints, 2" ID PVC	**1**			X			**12/06/11**		X					**R. Moxley**	
		3	**11/28/11**	Bentonite	**1**			X			**12/06/11**	X						**R. Moxley**	
		3	**11/28/11**	Sand	**1**			X			**12/06/11**		X					**R. Moxley**	
		3	**11/28/11**	Cement	**1**			X			**12/06/11**	X						**R. Moxley**	
		3	**11/28/11**	Concrete for Well Pad	**1**			X			**12/14/11**	X						**R. Moxley**	
		3	**11/28/11**	J-plugs	**1**			X			**12/06/11**	X						**R. Moxley**	
		5	**12/14/11**	Locks	**1**			X			**12/15/11**	X						**R. Moxley**	
		5	**12/14/11**	Protective steel casing	**1**	X												**R. Moxley**	
		5	**12/14/11**	Well Cover	**1**	X												**R. Moxley**	
C.				**Final Report - Post-Construction Project Submittals**															
		6	**06/20/12**	Final Report	**1**				X		**07/03/12**	X						**R. Moxley**	No comments on draft report initially submitted.
			06/26/12	Contractor Daily Reports	**1**	X												**R. Moxley**	
		7	**06/25/12**	Photographs	**1**	X												**R. Moxley**	
		6	**06/20/12**	Well survey	**1**	X												**R. Moxley**	
		NA	**NA**	Any Product Warrantys or Guarantees	**0**				X						X				None submitted.
		7	**06/25/12**	Analytical Results	**1**	X												**R. Moxley**	
		7	**06/25/12**	Waste Disposal Receipts	**1**	X												**R. Moxley**	
		6	**06/20/12**	New Well Logs	**1**	X												**R. Moxley**	

Attachment D

Contractor's Final Report and Submittals

D1 GES Well Upgrade and Installation Report

D2 Photo Documentation

D3 GES Daily Labor Reports

Groundwater
& Environmental Services, Inc.

495 Aero Drive, Suite 3 • Cheektowaga, New York 14225 • TEL (800) 287-7857 • Fax (716) 706-0078

July 2, 2012

Mr. Will Welling
NYSDEC – Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233-7017

Re: Well Upgrade and Installation Report
Mr. C's Dry Cleaners Site
East Aurora, New York
NYSDEC Site Number 9-15-157

Dear Mr. Welling:

Groundwater & Environmental Services, Inc. (GES) has prepared the enclosed *Well Upgrade and Installation Report* for the New York State Department of Environmental Conservation (NYSDEC) Site Number 9-15-157, also known as Mr. C's Dry Cleaners (Mr. C's), located in East Aurora, New York. The work was completed in accordance with *Drilling Work Plan*, submitted to NYSDEC on December 6, 2011.

If you have any questions or comments, please do not hesitate to contact GES at your convenience.

Sincerely,

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.

Nicole A. Jarzyniecki
Case Manager

Steven P. Leitten
Senior Project Manager

Enclosure

WELL UPGRADE AND INSTALLATION REPORT

MR. C'S DRY CLEANERS SITE
EAST AURORA, NEW YORK
NYSDEC SITE NUMBER 9-15-157

Prepared for

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
625 BROADWAY, 12TH FLOOR
ALBANY, NEW YORK 12233-7017

Report Date

July 2, 2012

Prepared By:

Nicole A. Jarzyniecki
Case Manager

Reviewed By:

Steven P. Leitten
Senior Project Manager

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.
495 Aero Drive
Suite 3
Cheektowaga, NY 14225
1-800-287-7857

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

1.0 Introduction

This report has been prepared to document the field activities regarding well upgrades, well decommissioning and new well installations associated with the New York State Department of Environmental Conservation (NYSDEC) Site Number 9-15-157, also known as Mr. C's Dry Cleaners (Mr. C's), located in East Aurora, New York. The work was completed in accordance with the *Drilling Work Plan*, submitted to NYSDEC by Groundwater and Environmental Services, Inc. (GES) on December 6, 2011. The *Drilling Work Plan* was completed in accordance with the *Scope of Work for Mr. C's Dry Cleaners Site - Monitoring Well Network Improvements* prepared by Ecology and Environment Engineering, P.C. (EEEPC) in October 2011, and in response to the NYSDEC Call Out dated November 4, 2011. A site map provided by EEEPC illustrating the site layout, including the well locations, has been included as **Figure 1**.

From December 12 through December 20, 2011 and from May 2, 2012 to May 8, 2012 Quality Inspection Services, Inc. (QIS), under the supervision of GES and the guidance of EEEPC, completed the following scope of work (SOW):

- Abandon monitoring wells ESI-5, MPI-2S, MPI-4D, MPI-7I, MPI-8S, and MPI-13B.
- Installed replacement monitoring wells ESI-2-R, ESI-5-R, MPI-2S-R, MPI-7I-R, MPI-8S-R, MPI-9S-R, MPI-13B-R and MPI-14B-R.
- Installed new monitoring wells EE-3 and EE-4

Details of the SOW completed are documented below. It should be noted monitoring wells ESI-5, MPI-8S and MPI-13B were abandoned and replaced, and MPI-9S was replaced in May 2012, as determined by EEEPC, due to the Town of East Aurora Department of Transportation (EADOT) requirements.

2.0 Monitoring Well Abandonment

On December 14 and 15, 2011, monitoring well MPI-7I was abandoned in place by tremie grouting the well from approximately 5 to 34 feet (ft) below ground surface (bgs). The top 5 ft of the PVC casing was removed by over-drilling. The remaining annular space was tremie grouted from approximately 0.5 to 5 ft bgs. The well pad was removed and the abandoned well was patched with cement from approximately 0.5 ft bgs to the ground surface.

On December 19, 2011 monitoring well MPI-4D was abandoned in place by tremie grouting from approximately 0.5 to 12 ft bgs. Approximately 6-inches (in) of the top of the PVC casing were broken off. Based on field observations, the monitoring well had been set within 6 in diameter steel casing. The steel casing was left in place. The abandoned well was finished at the surface with top soil from approximately 0.5 ft bgs to the ground surface.

On December 20, 2011, monitoring well MPI-2S was abandoned in place by tremie grouting the well from approximately 5 to 10 ft bgs. The top 5 ft of the PVC casing was removed by over-drilling. The remaining annular space was tremie grouted from approximately 1 to 5 ft bgs.

The well pad was removed and the abandoned well was patched with cement from approximately 1 ft bgs to the ground surface. Well Decommissioning Logs have been included in **Appendix A**, documenting the aforementioned well abandonment details.

On May 4, 2012, monitoring wells ESI-5, MPI-8S and MPI-13B were abandoned. ESI-5R was grouted in place by tremie grouting the well from approximately 0.5 to 14 ft bgs. The well manway was removed from the asphalt and the abandoned well was patched with asphalt from approximately 0.5 ft bgs to the ground surface. MPI-8S was grouted in place by tremie grouting the well from approximately 0.5 to 7.5 ft bgs. The well manway was removed from the asphalt and the abandoned well was patched with asphalt from approximately 0.5 ft bgs to the ground surface. MPI-13B was grouted in place by tremie grouting the well from approximately 0.5 to 32 ft bgs. The well manway was removed from the asphalt and the abandoned well was patched with asphalt from approximately 0.5 ft bgs to the ground surface. The casing was not removed from ESI-5, MPI-8S or MPI-13B due to the potential of the asphalt road becoming degraded by over-drilling or pulling the casing. Well Decommissioning Logs have been included in **Appendix A**, documenting the aforementioned well abandonment details.

3.0 New and Replacement Monitoring Well Installation

Replacement monitoring wells ESI-2-R, MPI-2S-R, MPI-7I-R and MPI-14B-R were re-installed from December 14 through December 20, 2011. Each of the replacement monitoring wells were constructed using 2-inch (in) Schedule 40 polyvinyl chloride (PVC) well casing with 0.10 slot screens. ESI-2-R was set to a total depth of 19 ft bgs with a screened interval from 9 to 19 ft bgs. MPI-2S-R was set to a total depth of 18 ft bgs with a screened interval from 8 to 18 ft bgs. MPI-7I-R was set to a total depth of 38.9 ft bgs (offset from target depth of 39 ft bgs due to running sands while drilling/installing well) with a screened interval from 28.9 to 38.9 ft bgs. MPI-14B-R was set to a total depth of 30 ft bgs with a screened interval from 15 to 30 feet ft bgs.

Replacement monitoring wells ESI-5-R, MPI-8S-R, MPI-9S-R and MPI-13B-R were re-installed from May 7 through May 8, 2012. Each of the replacement monitoring wells were constructed using 2-in Schedule 40 polyvinyl chloride (PVC) well casing with 0.10 slot screens. ESI-5-R was set to a total depth of 15 ft bgs with a screened interval from 5 to 15 ft bgs. MPI-8S-R was set to a total depth of 18 ft bgs with a screened interval from 8 to 18 ft bgs. MPI-9S-R was set to a total depth a total depth of 18 ft bgs with a screened interval from 8 to 18 ft bgs. MPI-13B-R was set to a total depth of 31.5 ft bgs with a screened interval from 16.5 to 31.5 feet ft bgs.

A sand pack was placed from the bottom of each well boring to approximately 2 ft above the top of screen, followed by approximately 2 feet of bentonite, and tremmie grouted above the bentonite to approximately ½ to one ft bgs. Each well was finished with an approximately 2 x 2 ft concrete curb box and flush mount protective road box. Well construction details can be found on the subsurface logs in **Appendix B**. Additionally, due to no records of the former MPI-7I boring logs, soils were logged for MPI-7I-R during drilling. The soil log can also be found on the subsurface logs in **Appendix B**.

Newly installed monitoring wells EE-3 and EE-4 were installed on December 15 and 16, 2011. During drilling activities, soil samples were collected at each 2-ft interval to the total depth of the well boring. Soil samples were field screened using a photo ionization detector (PID) equipped with a 10.6 eV lamp and calibrated to 100 parts per million by volume (ppmv) isobutylene standard. All soil samples were placed on ice and sent to TestAmerica of Amherst, NY for analysis of Full List volatile organic compounds (VOCs) by Method 8260. Of the 18 samples collected from the EE-3 and EE-4 well borings, there were no exceedences of the NYSDEC CP-51 Soil Cleanup Objectives (SCOs). Each of the newly installed monitoring wells were constructed using 2-in Schedule 40 PVC well casing with 0.10 slot screens. EE-3 was set to a total depth of 28 ft bgs with a screened interval from 18 to 28 ft bgs. EE-4 was set to a total depth of 15 ft bgs with a screened interval from 5 to 15 ft bgs. A sand pack was placed from the bottom of each well boring to approximately 2-ft above the top of screen, followed by approximately 2-ft of bentonite, and tremmie grouted above the bentonite to approximately ½ to one ft bgs. Each well was finished with an approximately 2 x 2 ft concrete curb box and flush mount protective road box. The soil data is tabulated in **Table 1**. The soil analytical report is in **Appendix C**. Soil logs and well construction details can be found on the subsurface logs in **Appendix B**.

4.0 Well Development

On January 23 and 24, 2012, GES personnel developed the new and replacement monitoring wells (EE-3, EE-4 ESI-2-R, MPI-2S-R, MPI-7I-R and MPI-14B-R). On May 24, 2012, GES personnel developed replacement monitoring wells (ESI-5-R, MPI-8S-R, MPI-9S-R and MPI-13B-R). Turbidity, pH and conductivity were recorded, using a Horiba U52-2 Water Quality Meter (Horiba). The wells were gauged for total depth and depth-to-water (DTW) prior to beginning well development. The wells were pumped to develop, using a wale pump, and DTW was measured throughout the development. Each well was developed until a turbidity of 50 nephelometric turbidity units (NTUs) or less was observed, and pH and conductivity stabilized (measurements within 10% of each other for three consecutive measurements). Readings were collected approximately every 10 minutes or less until water cleared and approximately every 5 minutes to confirm stabilization of parameters. Once development by the above described parameters was complete, an additional 5 well volumes were removed. Following development of each well, development water was pumped into the sump of the onsite treatment system. For well development details, please see the well development records in **Appendix D**.

5.0 Waste Disposal

On January 23, 2012, 2.08 tons of construction debris, and on May 14, 2012, 0.02 tons of construction debris related to the well abandonments were removed from the site for disposal at the Chaffee, NY Waste Management (WM) Landfill. Additionally, 0.5 tons of soil was removed from the site on January 23, 2012 and 0.94 tons of soil was removed from the site on May 14, 2012, related to the well abandonment and well installation activities, also disposed at the Chaffee WM Landfill. For disposal documentation please refer to **Appendix E**.

6.0 Well Survey

On May 24 and May 31, 2012, the replacement (ESI-2-R, ESI-5-R, MPI-2S-R, MPI-7I-R, MPI-8S-R, MPI-9S-R, MPI-13B-R and MPI-14B-R) and newly installed monitoring wells (EE-3 and EE-4) were surveyed by Clear Creek Land Surveying, LLC (Clear Creek) of Springville, NY. Vertical control was located relative to North American Vertical Datum of 1988 (NAVD88) to a control accuracy of ±0.01 foot. Horizontal control was located relative to State Plane Coordinate System (NYS State Plane West) to a control accuracy of ±0.05 foot. For tabulated data of the survey points, please see **Appendix F**.

FIGURES

F:\MrC\well Analysis May 2009\Proposed well changes 8-10-09.dwg

SITE PLAN

SCALE: 1" = 60'-0"

SCALE IN FEET

0 60 120 180

LEGEND

- SANITARY SEWER MANHOLE
- MONITORING WELL
- PUMPING WELL
- PIEZOMETER
- ABANDONED WELL
- PROPOSED NEW WELL
- WELL TO BE DECOMMISSIONED
- EXISTING STRUCTURES AND FEATURES
- FENCE
- PAINE STREET — MAJOR AREA STREETS
- AS BUILT INSTALLED WELL LOCATION

WELL ABBREVIATIONS

ESI	EMPIRE SOILS WELL (ENVIRONMENTAL SCIENCE)	OW	OBSERVATION WELL
MPI	OBSERVATION WELL (MALCOLM-PIRNIE)	PW	PUMPING WELL (TYREE)
MW	MONITORING WELL (MATRIX)	PZ	PIEZOMETER (TYREE)
NA	DATA NOT AVAILABLE	RW	RECOVERY WELL (BY OTHERS)
EEI	(ECOLOGY & ENVIRONMENT)		

NOTES:

1. HORIZONTAL CONTROL IS BASED UPON THE NEW YORK STATE PLANE COORDINATE SYSTEM, WEST ZONE, 1983 ADJUSTMENT (NAD 83) AND WAS OBTAINED FROM A MAP PREPARED BY WENDEL DUCHSCHERER ARCHITECTS AND ENGINEERS PC (NYS SITE No. 9-15-157) NYSDEC CONTRACT No. D004180.
2. ELEVATIONS ARE BASED UPON NORTH GEODETIC VERTICAL DATUM, 1929 (NGVD 1929).
3. BENCHMARK IS LOCATED NEAR THE NORTHEAST CORNER OF MAIN STREET AND PAINE STREET, BEING A BRASS DISC SET IN THE TOP OF CONCRETE BASE - ELEVATION 916.64'
4. FOR WELLS ESI-1, ESI-2, ESI-3, ESI-6, MPI-1S, MPI-2S, MPI-3S, MPI-5S, MPI-11B, MPI-15B, AND EE-2, ACCESS AGREEMENTS SHOULD BE LOOKED INTO FOR FUTURE ACCESS TO THESE WELLS.

DWG NO.	DATE	DESCRIPTION
DEC 31 ISO.dwg	7/18/94	ISOPOTENTIAL MAP AND CROSS SECTIONS 4/13/94 GROUNDWATER LEVELS MALCOLM PIRNIE INC.
0266G003.dwg	10/17/00	REMEDIAL DESIGN PIPING AND WELL LAYOUT PLAN MALCOLM PIRNIE INC.

REFERENCE DRAWINGS

NO.	DATE	DWN	APP'D	DESCRIPTION
B	9/14/11	KMK	MGS	ISSUED FOR REVIEW
A	9/10/09	KMK	MGS	ISSUED FOR CLIENT COMMENT

REVISIONS

Figure 1

PROPOSED MONITORING WELL NETWORK IMPROVEMENTS
MR.C'S DRY CLEANERS SITE LOCATION MAP
EAST AURORA, NEW YORK

ecology and environment engineering p.c.

TABLES

Table 1
Soil Analytical Data
Full List 8260

Mr. C's Dry Cleaner Site
East Aurora, New York
NYSDEC Site Number 9-15-157

Soil Sample ID	NYSDEC CP-51 SCOs	EE3	EE3	EE3	EE3	EE3	EE3	EE3	EE3
Date		12/16/2012	12/16/2012	12/16/2012	12/16/2012	12/16/2012	12/16/2012	12/16/2012	12/16/2012
Depth (ft)		0-2'	2-4'	4-5'	8-10'	10-12'	12-14'	14-16'	16-18'
PID result (ppmv)		0.0	0.0	0.1	0.1	0.1	0.1	0.4	1.4
1,1,1-Trichloroethane#	680	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	35,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	100,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane#	270	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene#	330	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene#	1,100	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane#	20	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NA	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene#	2,400	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene#	1,800	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NA	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	100,000	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NA	ND	ND	ND	ND	ND	ND	ND	ND
Acetone#	50	ND	ND	ND	ND	ND	ND	5.2	5.7
Benzene+	60	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	NA	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NA	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	100,000	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride#	760	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene#	1,100	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	NA	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NA	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform#	370	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NA	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene#	250	ND	ND	ND	ND	ND	ND	6.5	16
cis-1,3-Dichloropropene	NA	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NA	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NA	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene+	1,000	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene+	2,300	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	NA	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether+	930	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	NA	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride#	50	5.7	5.1	3.8	4.9	5.1	4.8	4.0	3.5
Styrene	NA	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	NA	ND	ND	ND	0.70	ND	1.3	51	850
Toluene+	700	ND	ND	ND	0.50	0.50	0.46	0.46	0.50
Trans-1,2-Dichloroethene	NA	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	NA	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene#	470	ND	ND	ND	ND	ND	ND	12.0	24.0
Trichlorofluoromethane	NA	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride#	20	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total+	260	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs (µg/kg)	NA	5.7	5.1	3.8	6.10	5.60	6.56	79.16	899.70

Notes:

Limits reflect the Supplemental Soil Cleanup Objectives for residential limits from Table 1 of the CP-51 Soil Cleanup Guidance unless otherwise noted.
+Limits reflect the Soil Cleanup Levels for Gasoline Contaminated Soils from Table 2 of the CP-51 Soil Cleanup Guidance
#Limits reflect the Unrestricted Use Soil Cleanup Objectives from Table 375-6.8(a) of the 6 NYCRR 375-6 guidance document
ft = feet
ppmv = parts per million by volume
VOCs = Volatile Organic Compounds.
µg/kg = micrograms per kilogram.
Samples not collected at EE intervals 5-6, 6-8 and 18-20 due to minimal or lack of recovery.
Samples not collected at EE4 intervals 10-14 and 14-15 due to minimal or lack of recovery.

*New York State Department of Environmental Conservation (NYSDEC) CP-51 Soil Cleanup Guidance (October 2010).
Bold = Concentrations above NYSDEC CP-51 Soil Cleanup Guidance.

Table 1
Soil Analytical Data
Full List 8260

Mr. C's Dry Cleaner Site
East Aurora, New York
NYSDEC Site Number 9-15-157

Soil Sample ID		EE3	EE3	EE3	EE3	EE4	EE4	EE4	EE4	EE4	EE4
Date		12/16/2012	12/16/2012	12/16/2012	12/16/2012	12/15/2012	12/15/2012	12/15/2012	12/15/2012	12/15/2012	12/15/2012
Depth (ft)	NYSDEC CP-51	20-22'	22-24'	24-26'	26-28'	0-2'	2-4'	4-6'	6-8'	8-10'	10-12'
PID result (ppmv)	SCOs	3.7	6.7	0.8	0.2	2.4	0.2	0.4	0.4	0.5	0.4
1,1,1-Trichloroethane#	680	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	35,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane#	270	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene#	330	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene#	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane#	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene#	2,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene#	1,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone#	50	5.1	6.2	14	9.9	ND	ND	ND	ND	ND	ND
Benzene+	60	ND	0.82	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride#	760	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene#	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform#	370	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene#	250	43	220	ND	6.0	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NA	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene+	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene+	2,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether+	930	ND	ND	1.8	1.9	ND	ND	ND	ND	ND	ND
Methylcyclohexane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride#	50	4.3	4.3	2.8	4.5	ND	ND	ND	2.8	2.4	ND
Styrene	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	NA	1700	54	ND	27	ND	ND	ND	ND	1.6	2.1
Toluene+	700	0.48	ND	ND	ND	0.51	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	NA	ND	3.3	0.93	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene#	470	74	21	13.0	1.5	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride#	20	ND	ND	1.8	8.2	ND	ND	ND	ND	ND	ND
Xylenes, Total+	260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs (µg/kg)	NA	1,828.78	304.62	34.33	59.0	0.51	ND	ND	2.8	4.0	2.1

Notes:

Limits reflect the Supplemental Soil Cleanup Objectives for residential limits from Table 1 of the CP-51 Soil Cleanup Guidance unless otherwise noted
+Limits reflect the Soil Cleanup Levels for Gasoline Contaminated Soils from Table 2 of the CP-51 Soil Cleanup Guidance
#Limits reflect the Unrestricted Use Soil Cleanup Objectives from Table 375-6.8(a) of the 6 NYCRR 375-6 guidance document
ft = feet
ppmv = parts per million by volume
VOCs = Volatile Organic Compounds.
µg/kg = micrograms per kilogram.
Samples not collected at EE intervals 5-6, 6-8 and 18-20 due to minimal or lack of recovery.
Samples not collected at EE4 intervals 10-14 and 14-15 due to minimal or lack of recovery.

*New York State Department of Environmental Conservation (NYSDEC) CP-51 Soil Cleanup Guidance (October 2010).
Bold = Concentrations above NYSDEC CP-51 Soil Cleanup Guidance.

APPENDIX A

Well Decommissioning Logs

FIGURE 3

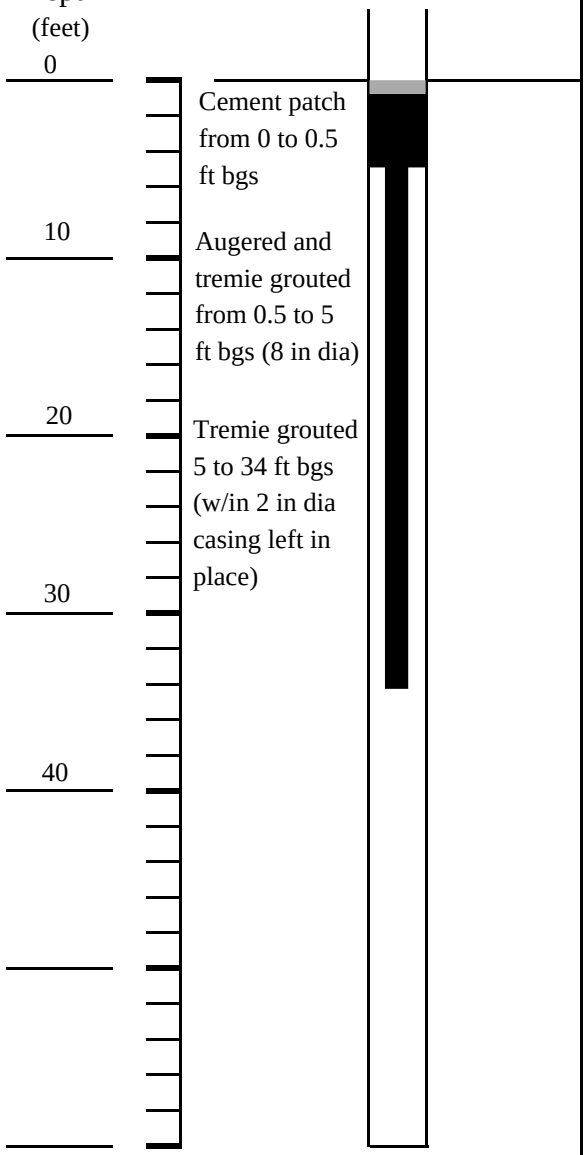
WELL DECOMMISSIONING RECORD

Site Name: Mr. C's Dry Cleaners, NYSDEC Site No. 9-15-157	Well I.D.: MPI-7I
Site Location: East Aurora, NY	Driller: Ron Brown
Drilling Co.: Quality Inspection Services, Inc.	Inspector: Nicole Jarzyniecki (GES)
	Date: 12-14-11 and 12-15-11

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	0-5 ft bgs
Drilling Method(s)	HSA
Borehole Dia. (in.)	8 in
Temporary Casing Installed? (y/n)	N
Depth temporary casing installed	NA
Casing type/dia. (in.)	2 in PVC
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	NA
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0.5-34 ft bgs
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	20
Quantity of cement used (lbs.)	282
Cement type	Portland
Quantity of bentonite used (lbs.)	10
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	30
Volume of grout used (gal.)	15

WELL SCHEMATIC*



COMMENTS: ft bgs = feet below ground surface, in. = inches,
HSA = Hollow Stem Auger,

It should be noted that running sands were observed during MPI-7I-R well install and that some of the grout may have been lost to the formation - none observed running into the replacement well (this was monitored).

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Groundwater and Environmental Services, Inc. (GES)
Drilling Contractor

Will Welling - NYSDEC
Department Representative

FIGURE 3

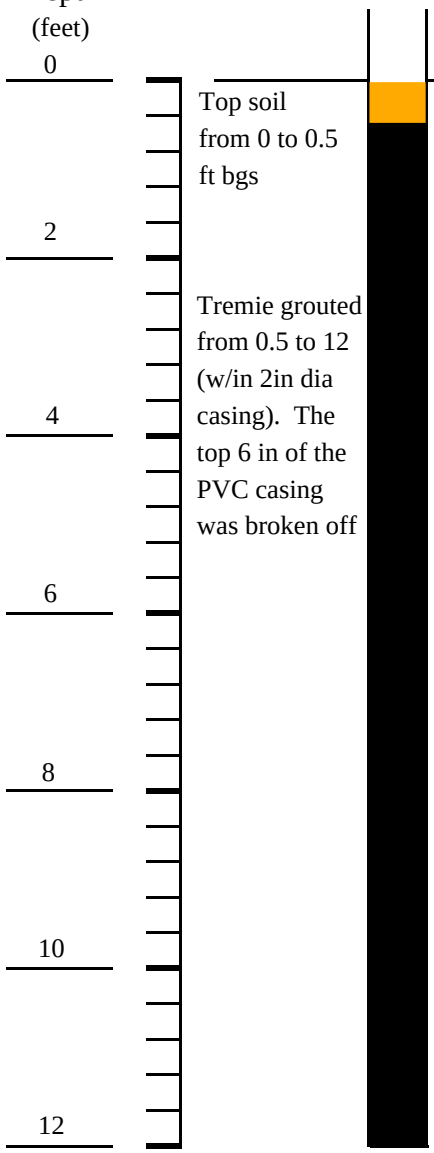
WELL DECOMMISSIONING RECORD

Site Name: Mr. C's Dry Cleaners, NYSDEC Site No. 9-15-157	Well I.D.: MPI-4D
Site Location: East Aurora, NY	Driller: Ron Brown
Drilling Co.: Quality Inspection Services, Inc.	Inspector: Nicole Jarzyniecki (GES)
	Date: 12-19-11

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	N
Depth temporary casing installed	NA
Casing type/dia. (in.)	2 in PVC
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	NA
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0.5-12 ft bgs
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	10
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	12
Volume of grout used (gal.)	3

WELL SCHEMATIC*



COMMENTS: ft bgs = feet below ground surface, in. = inches,
HSA = Hollow Stem Auger, w/in = within

MPI-4D was set within 6 in dia steel casing. The steel casing was left in place.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Groundwater and Environmental Services, Inc. (GES)
Drilling Contractor

Will Welling - NYSDEC
Department Representative

FIGURE 3

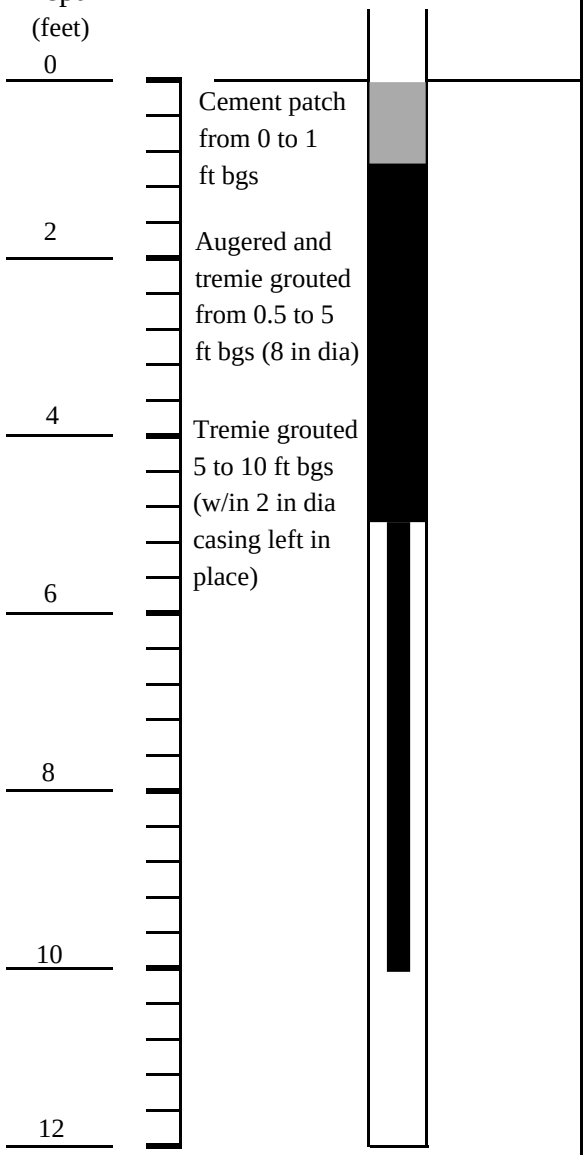
WELL DECOMMISSIONING RECORD

Site Name: Mr. C's Dry Cleaners, NYSDEC Site No. 9-15-157	Well I.D.: MPI-2S
Site Location: East Aurora, NY	Driller: Ron Brown
Drilling Co.: Quality Inspection Services, Inc.	Inspector: Nicole Jarzyniecki (GES)
	Date: 12-20-11

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	0-5 ft bgs
Drilling Method(s)	HSA
Borehole Dia. (in.)	8 in
Temporary Casing Installed? (y/n)	N
Depth temporary casing installed	NA
Casing type/dia. (in.)	2 in PVC
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	NA
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0.5-10 ft bgs
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	10
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	12
Volume of grout used (gal.)	6

WELL SCHEMATIC*



COMMENTS: ft bgs = feet below ground surface, in. = inches,
HSA = Hollow Stem Auger,

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Groundwater and Environmental Services, Inc. (GES)
Drilling Contractor

Will Welling - NYSDEC
Department Representative

FIGURE 3

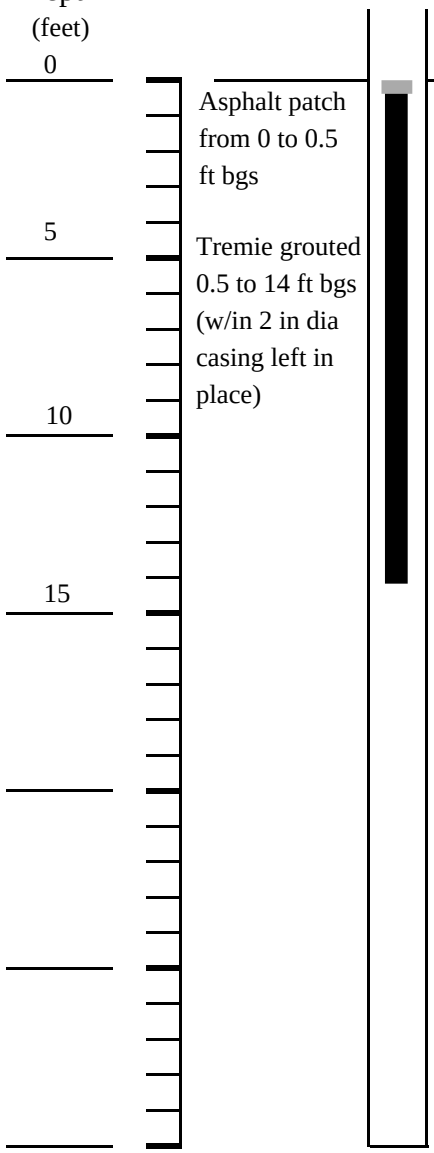
WELL DECOMMISSIONING RECORD

Site Name: Mr. C's Dry Cleaners, NYSDEC Site No. 9-15-157	Well I.D.: ESI-5
Site Location: East Aurora, NY	Driller: Jason Tojdowski
Drilling Co.: Quality Inspection Services, Inc.	Inspector: Nicole Jarzyniecki (GES)
	Date: 5-4-12

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	NA
Depth temporary casing installed	NA
Casing type/dia. (in.)	NA
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	NA
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0.5-14 ft bgs
# of batches prepared	2
For each batch record:	
Quantity of water used (gal.)	10
Quantity of cement used (lbs.)	100
Cement type	Portland
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	20
Volume of grout used (gal.)	8

WELL SCHEMATIC*



COMMENTS: ft bgs = feet below ground surface, in. = inches,
HSA = Hollow Stem Auger,
Grout remaining from MPI-13B abandonment was used to abandon ESI-5
NOTE - The well was not over-drilled or casing pulled due to potential of degrading the road

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Groundwater and Environmental Services, Inc. (GES)
Drilling Contractor

Will Welling - NYSDEC
Department Representative

FIGURE 3

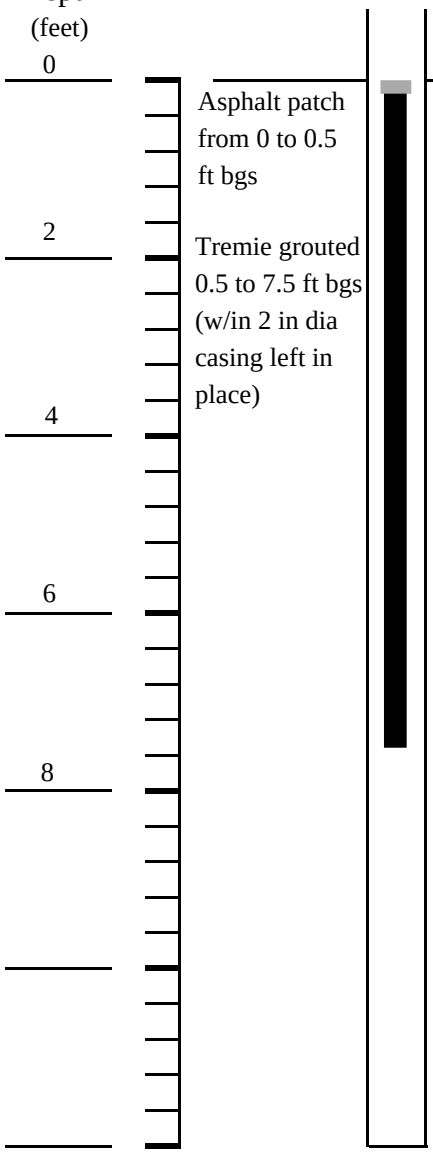
WELL DECOMMISSIONING RECORD

Site Name: Mr. C's Dry Cleaners, NYSDEC Site No. 9-15-157	Well I.D.: MPI-8S
Site Location: East Aurora, NY	Driller: Jason Tojdowski
Drilling Co.: Quality Inspection Services, Inc.	Inspector: Nicole Jarzyniecki (GES)
	Date: 5-4-12

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	NA
Depth temporary casing installed	NA
Casing type/dia. (in.)	NA
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	NA
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0.5-7.5 ft bgs
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	6
Quantity of cement used (lbs.)	50
Cement type	Portland
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	1 1/4

WELL SCHEMATIC*



COMMENTS: ft bgs = feet below ground surface, in. = inches, HSA = Hollow Stem Auger,

NOTE - The well was not over-drilled or casing pulled due to potential of degrading the road.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Groundwater and Environmental Services, Inc. (GES)
Drilling Contractor

Will Welling - NYSDEC
Department Representative

FIGURE 3

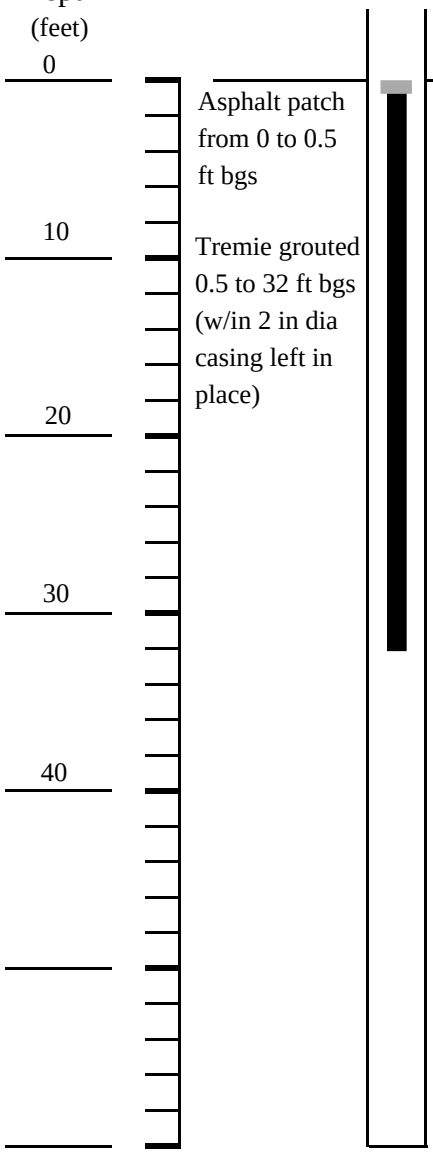
WELL DECOMMISSIONING RECORD

Site Name: Mr. C's Dry Cleaners, NYSDEC Site No. 9-15-157	Well I.D.: MPI-13B
Site Location: East Aurora, NY	Driller: Jason Tojdowski
Drilling Co.: Quality Inspection Services, Inc.	Inspector: Nicole Jarzyniecki (GES)
	Date: 5-4-12

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	NA
Depth temporary casing installed	NA
Casing type/dia. (in.)	NA
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	NA
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0.5-32 ft bgs
# of batches prepared	2
For each batch record:	
Quantity of water used (gal.)	10
Quantity of cement used (lbs.)	100
Cement type	Portland
Quantity of bentonite used (lbs.)	2
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	20
Volume of grout used (gal.)	10

WELL SCHEMATIC*



COMMENTS: ft bgs = feet below ground surface, in. = inches,
HSA = Hollow Stem Auger,
Grout remaining from MPI-13B abandonment was used to abandon ESI-5

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Groundwater and Environmental Services, Inc. (GES)
Drilling Contractor

Will Welling - NYSDEC
Department Representative

APPENDIX B

Well Construction Logs

MONITORING WELL

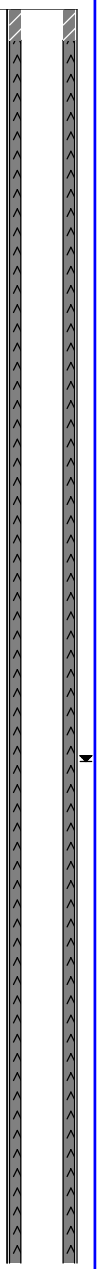
ID NO. **MPI-7I-R**

Groundwater & Environmental Services, Inc.

PROJECT:	**Mr C's (NYSDEC Site No. 9-15-157)**	SURFACE ELEV.:	**NR**	TOTAL DEPTH:	**39 ftbgs**
ADDRESS:	**East Aurora, NY**	WATER DEPTH:	**Approx 12 ftbgs**	CASING EL.:	**NR**
JOB NO.	**0901467**	BOREHOLE DIA.:	**8 inches**	WELL DIA.:	**2 in.**

Logged By:	**Nicole Jarzyniecki**	Drilling Method:	**Hollow Stem Auger**
Dates Drilled:	**12-14-11**	Sampling Method:	**Split Spoon**
Drilling Company:	**Quality Inspection Services, Inc.**	Soil Class. System:	**Modified Burmister**
Drill Rig Type:	**Acker Soil Max (Truck Mount)**	Field Screening:	**MiniRae 2000 PID, 10.6 eV Lamp (results in ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	0-8'	NR	NA	NR	Asphalt Boring was air-knifed and hand cleared to 8 ftbgs on 12-13-11, no data recorded	No laboratory samples collected Well set at 38.9 ftbg, above target depth of 39 ftbg due to running sands	Cement pad (0-0.5') Grout (0.5-24.5') 2 inch PVC riser (0-28.9')
	8-10'	3.4	NA	50 %	Brown fine to medium grain sand, 10% gravel, dry, no odor		
10	10-12'	3.0	NA	50 %	Brown fine to medium grain sand, 10% gravel, bottom 4 inches are gravel with trace sand, dry to wet, no odor		
	12-14'	2.5	NA	NR	Brown gravel, trace sand, 10% silt, wet to saturated, no odor		
	14-16'	0.5	NA	50 %			
15	16-18'	0.2	NA	30 %			
	18-20'	NA	NA	0 %	No Recovery		
20							



Location:
Northing/Latitude: **NA**
Easting/Longitude: **NA**
Horizontal Datum: **NA**
Vertical Datum: **NA**

General Comments:
NA = Not Applicable
NR = Not Recorded
ftbgs = feet below ground surface

Symbol Key:
Apparent Water Level
Lab Sample Location

MONITORING WELL

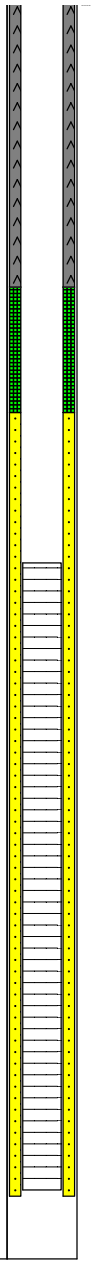
ID NO. **MPI-7I-R**

Groundwater & Environmental Services, Inc.

PROJECT:	**Mr C's (NYSDEC Site No. 9-15-157)**	SURFACE ELEV.: **NR**	TOTAL DEPTH: **39 ftbgs**
ADDRESS:	**East Aurora, NY**	WATER DEPTH: **Approx 12 ftbgs**	CASING EL.: **NR**
JOB NO.	**0901467**	BOREHOLE DIA.: **8 inches**	WELL DIA.: **2 in.**

Logged By:	**Nicole Jarzyniecki**	Drilling Method:	**Hollow Stem Auger**
Dates Drilled:	**12-14-11**	Sampling Method:	**Split Spoon**
Drilling Company:	**Quality Inspection Services, Inc.**	Soil Class. System:	**Modified Burmister**
Drill Rig Type:	**Acker Soil Max (Truck Mount)**	Field Screening:	**MiniRae 2000 PID, 10.6 eV Lamp (results in ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
20	20-22'	0.2	NA	15 %	Black and brown gravel, 5-10% sand, 5-10% silt, saturated, no odor		
	22-24'	NA	NA	<5 %	Gravel, low recovery	Gravel in shoe	
	24-26'	0.8	NA	25 %	Black and brown gravel, 5-10% sand, 5-10% silt, saturated, no odor		Bentonite (24.5-26.5')
25	26-28'	0.4	NA	60 %	Brown fine to medium grain gravelly sand to fine to medium grain sand with 10% gravel, wet, no odor		Sandpack (26.5-39')
	28-30'	0.1	NA	10 %	Brown fine to medium grain sand, trace gravel, saturated, no odor		2 inch PVC screen (28.9-38.9')
30	30-32'	0.2	NA	25 %	Brown sand with trace silt and gravel to brown silt in last 3 inches, saturated, no odor		
	32-34'	0.2	NA	100 %	Brown silt with trace to 30% sand, saturated, no odor		
	34-36'	0.2	NA	30 %	Brown sandy silt, 30 to 40% sand, saturated, no odor		
35	36-38'	0.2	NA	30 %			
	38-39'	NA	NA	0 %	No Recovery		
40						End of boring at 39'	Well Bottom at 38.9'



Location:
Northing/Latitude: **NA**
Easting/Longitude: **NA**
Horizontal Datum: **NA**
Vertical Datum: **NA**

General Comments:
NA = Not Applicable
NR = Not Recorded
ftbgs = feet below ground surface

Symbol Key:
Apparent Water Level
Lab Sample Location

MONITORING WELL

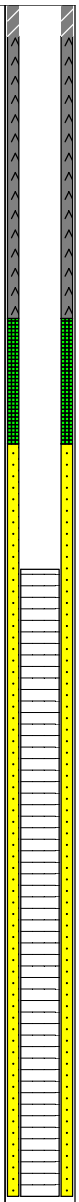
ID NO. **ESI-2-R**

Groundwater & Environmental Services, Inc.

PROJECT:	**Mr C's (NYSDEC Site No. 9-15-157)**	SURFACE ELEV.:	**NR**	TOTAL DEPTH:	**19 ftbgs**
ADDRESS:	**East Aurora, NY**	WATER DEPTH:	**NR**	CASING EL.:	**NR**
JOB NO.	**0901467**	BOREHOLE DIA.:	**8 inches**	WELL DIA.:	**2 in.**

Logged By:	**Nicole Jarzyniecki**	Drilling Method:	**Hollow Stem Auger**
Dates Drilled:	**12-15-11**	Sampling Method:	**NA**
Drilling Company:	**Quality Inspection Services, Inc.**	Soil Class. System:	**Modified Burmister**
Drill Rig Type:	**Acker Soil Max (Truck Mount)**	Field Screening:	**MiniRae 2000 PID, 10.6 eV Lamp (results in ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	None collected	NA	NA	NA	NR	No samples or logging, augered to depth and installed well	Cement pad (0-0.5') Grout (0.5-5') 2 inch PVC riser (0-9') Bentonite (5-7') Sandpack (7-19') 2 inch PVC screen (9-19')
5							
10							
15							
20						End of boring at 19'	Well Bottom at 19'



Location:

Northing/Latitude: **NA**

Easting/Longitude: **NA**

Horizontal Datum: **NA**

Vertical Datum: **NA**

General Comments:

NA = Not Applicable

NR = Not Recorded

ftbgs = feet below ground surface

Symbol Key:

Apparent Water Level

Lab Sample Location

MONITORING WELL

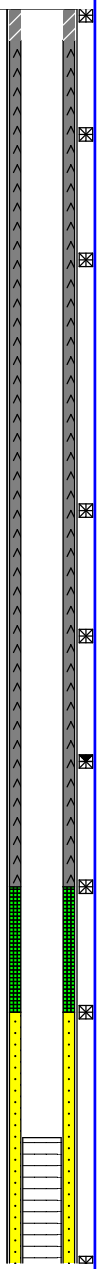
ID NO. **EE-3**

Groundwater & Environmental Services, Inc.

PROJECT:	**Mr C's (NYSDEC Site No. 9-15-157)**	SURFACE ELEV.:	**NR**	TOTAL DEPTH:	**28 ftbgs**
ADDRESS:	**East Aurora, NY**	WATER DEPTH:	**Approx 12 ftbgs**	CASING EL.:	**NR**
JOB NO.	**0901467**	BOREHOLE DIA.:	**8 inches**	WELL DIA.:	**2 in.**

Logged By:	**Nicole Jarzyniecki**	Drilling Method:	**Hollow Stem Auger**
Dates Drilled:	**12-16-11**	Sampling Method:	**Split Spoon**
Drilling Company:	**Quality Inspection Services, Inc.**	Soil Class. System:	**Modified Burmister**
Drill Rig Type:	**Acker Soil Max (Truck Mount)**	Field Screening:	**MiniRae 2000 PID, 10.6 eV Lamp (results in ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	0-1'	NR	NA	100 %	Topsoil, moist	Laboratory samples collected for 0-2', 2-4', 4-5', 8-10', 10-12', 12-14', 14-16', 16-18', 20-22', 22-24', 24-26' and 26-28' intervals 0-5' were hand cleared due to possibility of utilities in location of boring. Samples were collected with hand auger.	Cement pad (0-0.5') Grout (0.5-14') 2 inch PVC riser (0-18')
	1-2'	0.0	NA	100 %	Brown silty clay, trace gravel, moist, no odor		
	2-4'	0.0	NA	100 %	Brown silty clay, 10-15% gravel, moist, no odor		
	4-5'	0.1	NA	100 %			
5	5-6'	NA	NA	100 %	No recovery		
	6-8'	0.1	NA	<5 %	Low recovery, gravelly silt and clay, rock in shoe	No sample collected for 6-8' interval due to poor recovery	
	8-10'	0.1	NA	60 %	Brown silty clay, 15-20% gravel, moist to very moist, no odor		
10	10-12'	0.1	NA	50 %	Brown silty clay, 30% gravel, moist, no odor		
	12-14'	0.1	NA	40 %	Brown gravel and silt, wet to saturated, no odor		
	14-16'	0.4	NA	50 %			Bentonite (14-16')
15	16-18'	1.4	NA	60 %	Reddish brown to brown gravel and silt, saturated, no odor		Sandpack (16-28')
	18-20	NA	NA	0 %	No recovery	Two peices of gravel in sampler	2 inch PVC screen (18-28')
20							



Location:
Northing/Latitude: **NA**
Easting/Longitude: **NA**
Horizontal Datum: **NA**
Vertical Datum: **NA**

General Comments:
NA = Not Applicable
NR = Not Recorded
ftbgs = feet below ground surface

Symbol Key:
Apparent Water Level
Lab Sample Location

MONITORING WELL

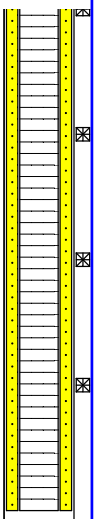
ID NO. **EE-3**

Groundwater & Environmental Services, Inc.

PROJECT:	**Mr C's (NYSDEC Site No. 9-15-157)**	SURFACE ELEV.:	**NR**	TOTAL DEPTH:	**28 ftbgs**
ADDRESS:	**East Aurora, NY**	WATER DEPTH:	**Approx 12 ftbgs**	CASING EL.:	**NR**
JOB NO.	**0901467**	BOREHOLE DIA.:	**8 inches**	WELL DIA.:	**2 in.**

Logged By:	**Nicole Jarzyniecki**	Drilling Method:	**Hollow Stem Auger**
Dates Drilled:	**12-16-11**	Sampling Method:	**Split Spoon**
Drilling Company:	**Quality Inspection Services, Inc.**	Soil Class. System:	**Modified Burmister**
Drill Rig Type:	**Acker Soil Max (Truck Mount)**	Field Screening:	**MiniRae 2000 PID, 10.6 eV Lamp (results in ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
20	20-22'	3.7	NA	30 %	Brown sand and and gravel, wet, no odor	Driller added approximately 10 gallons of clean water to the boring due to running sands	
	22-24'	6.7	NA	80 %	Brown to grayish brown sand and gravel to sand, fine to medium grain sand, wet, no odor		
	24-26'	0.8	NA	30 %	Grayish brown sand and gravel to silty sand, larger rock between layers (lithology change), wet, no odor	Sample sent with jar half full per Ecology and Environment Engineering, P.C. personnel request, due to larger rock in sampler there was no enough of the sample to fill the jar	
25	26-28'	0.2	NA	90 %	Grayish brown silty sand, wet, no odor		
						End of boring at 28'	Well Bottom at 28'
30							



Location:
Northing/Latitude: **NA**
Easting/Longitude: **NA**
Horizontal Datum: **NA**
Vertical Datum: **NA**

General Comments:
NA = Not Applicable
NR = Not Recorded
ftbgs = feet below ground surface

Symbol Key:
Apparent Water Level
Lab Sample Location

MONITORING WELL

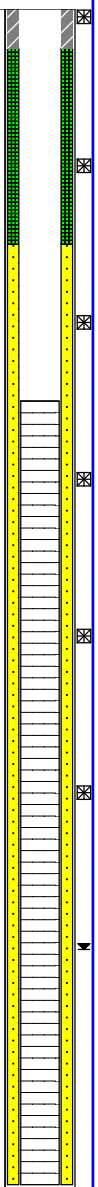
ID NO. **EE-4**

Groundwater & Environmental Services, Inc.

PROJECT:	**Mr C's (NYSDEC Site No. 9-15-157)**	SURFACE ELEV.:	**NR**	TOTAL DEPTH:	**15 ftbgs**
ADDRESS:	**East Aurora, NY**	WATER DEPTH:	**Approx 12 ftbgs**	CASING EL.:	**NR**
JOB NO.	**0901467**	BOREHOLE DIA.:	**8 inches**	WELL DIA.:	**2 in.**

Logged By:	**Nicole Jarzyniecki**	Drilling Method:	**Hollow Stem Auger**
Dates Drilled:	**12-16-11**	Sampling Method:	**Split Spoon**
Drilling Company:	**Quality Inspection Services, Inc.**	Soil Class. System:	**Modified Burmister**
Drill Rig Type:	**Acker Soil Max (Truck Mount)**	Field Screening:	**MiniRae 2000 PID, 10.6 eV Lamp (results in ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	0-2'	2.4	NA	60 %	Gray fill, rock and silty sand, dry, no odor	Laboratory samples collected for 0-2', 2-4', 4-6', 6-8', 8-10' and 10-12'	Cement pad (0-0.5')
							Bentonite (0.5-3')
	2-4'	0.2	NA	40 %	Brown gravelly silt with black (organic?) layers, dry, no odor	No grout, per work plan	2 inch PVC riser (0-5')
							Sandpack (3-15')
	4-6'	0.4	NA	40 %	Brown to reddish brown, silt with black (organic?) layers, 10% clay, trace gravel, dry to slightly moist, no odor		
5							2 inch PVC screen (5-15')
	6-8'	0.4	NA	40 %			
	8-10'	0.5	NA	60 %	Brown to reddish brown, silt with black (organic?) layers, increasing clay content, trace gravel, moist to wet with depth (last 3" very wet), no odor		
10	10-12'	0.4	NA	25 %	Brown to reddish brown, silt with black (organic?) layers, increasing clay content, trace gravel, moist to slightly wet, no odor		
	12-14'	0.6	NA	<5%	Rock in she, some sand above, wet, no odor	No sample collected for 12-14' interval due to poor recovery	
	14-15'	3.2	NA	0 %	No recovery, strong odor on sampler, sampler is wet	Strong odor on sampler, PID screening result is from inside augers after sample was pulled End of boring at 15'	
15							Well Bottom at 15'



Location:
Northing/Latitude: **NA**
Easting/Longitude: **NA**
Horizontal Datum: **NA**
Vertical Datum: **NA**

General Comments:
NA = Not Applicable
NR = Not Recorded
ftbgs = feet below ground surface

Symbol Key:
Apparent Water Level
Lab Sample Location

MONITORING WELL

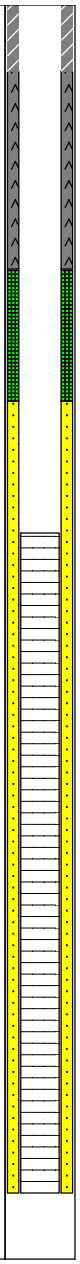
ID NO. **MPI-2S-R**

Groundwater & Environmental Services, Inc.

PROJECT:	**Mr C's (NYSDEC Site No. 9-15-157)**	SURFACE ELEV.:	**NR**	TOTAL DEPTH:	**18 ftbgs**
ADDRESS:	**East Aurora, NY**	WATER DEPTH:	**NR**	CASING EL.:	**NR**
JOB NO.	**0901467**	BOREHOLE DIA.:	**8 inches**	WELL DIA.:	**2 in.**

Logged By:	**Tom Palmer**	Drilling Method:	**Hollow Stem Auger**
Dates Drilled:	**12-19-2011**	Sampling Method:	**NA**
Drilling Company:	**Quality Inspection Services, Inc.**	Soil Class. System:	**Modified Burmister**
Drill Rig Type:	**Acker Soil Max (Truck Mount)**	Field Screening:	**MiniRae 2000 PID, 10.6 eV Lamp (results in ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	None collected	NA	NA	NA	NR	No samples or logging, augered to depth and installed well	Cement pad (0-1') Grout (1-5') 2 inch PVC riser (0-8') Bentonite (4-6') Sandpack (6-18') 2 inch PVC screen (8-18')
5							
10							
15						End of boring at 18'	Well Bottom at 18'



Location:
Northing/Latitude: **NA**
Easting/Longitude: **NA**
Horizontal Datum: **NA**
Vertical Datum: **NA**

General Comments:
NA = Not Applicable
NR = Not Recorded
ftbgs = feet below ground surface

Symbol Key:
Apparent Water Level
Lab Sample Location

MONITORING WELL

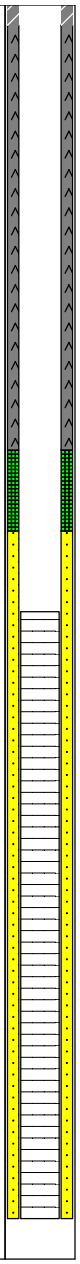
ID NO. **MPI-14B-R**

Groundwater & Environmental Services, Inc.

PROJECT:	**Mr C's (NYSDEC Site No. 9-15-157)**	SURFACE ELEV.:	**NR**	TOTAL DEPTH:	**30 ftbgs**
ADDRESS:	**East Aurora, NY**	WATER DEPTH:	**NR**	CASING EL.:	**NR**
JOB NO.	**0901467**	BOREHOLE DIA.:	**8 inches**	WELL DIA.:	**2 in.**

Logged By:	**Tom Palmer**	Drilling Method:	**Hollow Stem Auger**
Dates Drilled:	**12-19-2011**	Sampling Method:	**NA**
Drilling Company:	**Quality Inspection Services, Inc.**	Soil Class. System:	**Modified Burmister**
Drill Rig Type:	**Acker Soil Max (Truck Mount)**	Field Screening:	**MiniRae 2000 PID, 10.6 eV Lamp (results in ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	None collected	NA	NA	NA	NR	No samples or logging, augered to depth and installed well	Cement pad (0-0.5') 2 inch PVC riser (0-15') Grout (0.5-11')
5							
10							Bentonite (11-13') Sandpack (13-30')
15							2 inch PVC screen (15-30')
20							
25							
30						End of boring at 30'	Well Bottom at 30'



Location:
Northing/Latitude: **NA**
Easting/Longitude: **NA**
Horizontal Datum: **NA**
Vertical Datum: **NA**

General Comments:
NA = Not Applicable
NR = Not Recorded
ftbgs = feet below ground surface

Symbol Key:
Apparent Water Level
Lab Sample Location

MONITORING WELL

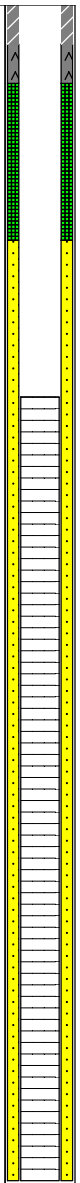
ID NO. **ESI-5-R**

Groundwater & Environmental Services, Inc.

PROJECT:	**Mr C's (NYSDEC Site No. 9-15-157)**	SURFACE ELEV.:	**NR**	TOTAL DEPTH:	**15 ftbgs**
ADDRESS:	**East Aurora, NY**	WATER DEPTH:	**NR**	CASING EL.:	**NR**
JOB NO.	**0901467**	BOREHOLE DIA.:	**8 inches**	WELL DIA.:	**2 in.**

Logged By:	**Thomas Palmer**	Drilling Method:	**Hollow Stem Auger**
Dates Drilled:	**5-7-12**	Sampling Method:	**NA**
Drilling Company:	**Quality Inspection Services, Inc.**	Soil Class. System:	**Modified Burmister**
Drill Rig Type:	**Acker Soil Max (Truck Mount)**	Field Screening:	**MiniRae 2000 PID, 10.6 eV Lamp (results in ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	None collected	NA	NA	NA	NR	No samples or logging, augered to depth and installed well	Cement pad (0-0.5') Grout (0.5-1') Bentonite (1-3') Sandpack (3-15') 2 inch PVC riser (0-5') 2 inch PVC screen (5-15')
5							
10							
15						End of boring at 15'	Well Bottom at 15'



Location:

Northing/Latitude: **NA**

Easting/Longitude: **NA**

Horizontal Datum: **NA**

Vertical Datum: **NA**

General Comments:

NA = Not Applicable

NR = Not Recorded

ftbgs = feet below ground surface

Symbol Key:

Apparent Water Level

Lab Sample Location

MONITORING WELL

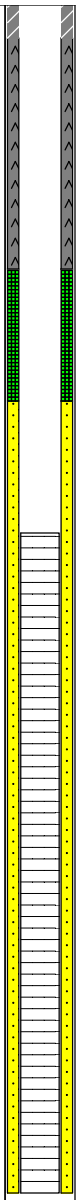
ID NO. **MPI-8S-R**

Groundwater & Environmental Services, Inc.

PROJECT:	**Mr C's (NYSDEC Site No. 9-15-157)**	SURFACE ELEV.:	**NR**	TOTAL DEPTH:	**18 ftbgs**
ADDRESS:	**East Aurora, NY**	WATER DEPTH:	**NR**	CASING EL.:	**NR**
JOB NO.	**0901467**	BOREHOLE DIA.:	**8 inches**	WELL DIA.:	**2 in.**

Logged By:	**Tom Palmer**	Drilling Method:	**Hollow Stem Auger**
Dates Drilled:	**5-7-12**	Sampling Method:	**NA**
Drilling Company:	**Quality Inspection Services, Inc.**	Soil Class. System:	**Modified Burmister**
Drill Rig Type:	**Acker Soil Max (Truck Mount)**	Field Screening:	**MiniRae 2000 PID, 10.6 eV Lamp (results in ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	None collected	NA	NA	NA	NR	No samples or logging, augered to depth and installed well	Cement pad (0-0.5') 2 inch PVC riser (0-8') Grout (0.5-4') Bentonite (4-6') Sandpack (6-18') 2 inch PVC screen (8-18')
5							
10							
15						End of boring at 18'	Well Bottom at 18'



Location:
Northing/Latitude: **NA**
Easting/Longitude: **NA**
Horizontal Datum: **NA**
Vertical Datum: **NA**

General Comments:
NA = Not Applicable
NR = Not Recorded
ftbgs = feet below ground surface

Symbol Key:
Apparent Water Level
Lab Sample Location

MONITORING WELL

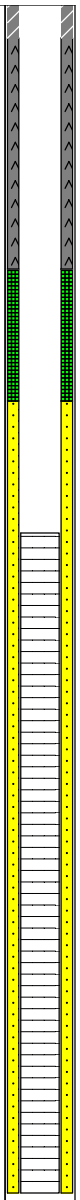
ID NO. **MPI-9S-R**

Groundwater & Environmental Services, Inc.

PROJECT:	**Mr C's (NYSDEC Site No. 9-15-157)**	SURFACE ELEV.:	**NR**	TOTAL DEPTH:	**18 ftbgs**
ADDRESS:	**East Aurora, NY**	WATER DEPTH:	**NR**	CASING EL.:	**NR**
JOB NO.	**0901467**	BOREHOLE DIA.:	**8 inches**	WELL DIA.:	**2 in.**

Logged By:	**Tom Palmer**	Drilling Method:	**Hollow Stem Auger**
Dates Drilled:	**5-7-12**	Sampling Method:	**NA**
Drilling Company:	**Quality Inspection Services, Inc.**	Soil Class. System:	**Modified Burmister**
Drill Rig Type:	**Acker Soil Max (Truck Mount)**	Field Screening:	**MiniRae 2000 PID, 10.6 eV Lamp (results in ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	None collected	NA	NA	NA	NR	No samples or logging, augered to depth and installed well	Cement pad (0-0.5') 2 inch PVC riser (0-8') Grout (0.5-4') Bentonite (4-6') Sandpack (6-18') 2 inch PVC screen (8-18')
5							
10							
15						End of boring at 18'	Well Bottom at 18'



Location:
Northing/Latitude: **NA**
Easting/Longitude: **NA**
Horizontal Datum: **NA**
Vertical Datum: **NA**

General Comments:
NA = Not Applicable
NR = Not Recorded
ftbgs = feet below ground surface

Symbol Key:
Apparent Water Level
Lab Sample Location

MONITORING WELL

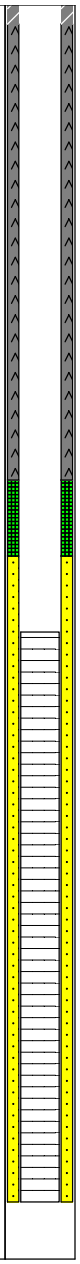
ID NO. **MPI-13B-R**

Groundwater & Environmental Services, Inc.

PROJECT:	**Mr C's (NYSDEC Site No. 9-15-157)**	SURFACE ELEV.:	**NR**	TOTAL DEPTH:	**31.5 ftbgs**
ADDRESS:	**East Aurora, NY**	WATER DEPTH:	**NR**	CASING EL.:	**NR**
JOB NO.	**0901467**	BOREHOLE DIA.:	**8 inches**	WELL DIA.:	**2 in.**

Logged By:	**Tom Palmer**	Drilling Method:	**Hollow Stem Auger**
Dates Drilled:	**5-8-12**	Sampling Method:	**NA**
Drilling Company:	**Quality Inspection Services, Inc.**	Soil Class. System:	**Modified Burmister**
Drill Rig Type:	**Acker Soil Max (Truck Mount)**	Field Screening:	**MiniRae 2000 PID, 10.6 eV Lamp (results in ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	None collected	NA	NA	NA	NR	No samples or logging, augered to depth and installed well	Cement pad (0-0.5') 2 inch PVC riser (0-16.5') Grout (0.5-12.5')
5							
10							Bentonite (12.5-14.5')
15							Sandpack (14.5-31.5') 2 inch PVC screen (16.5-31.5')
20							
25							
30						End of boring at 31.5'	Well Bottom at 31.5'



Location:
Northing/Latitude: **NA**
Easting/Longitude: **NA**
Horizontal Datum: **NA**
Vertical Datum: **NA**

General Comments:
NA = Not Applicable
NR = Not Recorded
ftbgs = feet below ground surface

Symbol Key:
Apparent Water Level
Lab Sample Location

APPENDIX C

Soil Analytical Report

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: 480-14343-1
Client Project/Site: NYSDEC - Mr. C's Dry Cleaners

For:
Groundwater & Environmental Services Inc
158 Sonwil Drive
Cheektowaga, New York 14225

Attn: Steven Leitten

Authorized for release by:
12/30/2011 4:46:00 PM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

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

Glossary

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

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE4 (0-2)
Date Collected: 12/15/11 10:46
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-1
Matrix: Solid
Percent Solids: 91.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.38	ug/Kg			12/22/11 19:50	1
1,1,2,2-Tetrachloroethane	ND		5.2	0.85	ug/Kg			12/22/11 19:50	1
1,1,2-Trichloroethane	ND		5.2	0.68	ug/Kg			12/22/11 19:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	1.2	ug/Kg			12/22/11 19:50	1
1,1-Dichloroethane	ND		5.2	0.64	ug/Kg			12/22/11 19:50	1
1,1-Dichloroethene	ND		5.2	0.64	ug/Kg			12/22/11 19:50	1
1,2,4-Trichlorobenzene	ND		5.2	0.32	ug/Kg			12/22/11 19:50	1
1,2-Dibromo-3-Chloropropane	ND		5.2	2.6	ug/Kg			12/22/11 19:50	1
1,2-Dibromoethane	ND		5.2	0.67	ug/Kg			12/22/11 19:50	1
1,2-Dichlorobenzene	ND		5.2	0.41	ug/Kg			12/22/11 19:50	1
1,2-Dichloroethane	ND		5.2	0.26	ug/Kg			12/22/11 19:50	1
1,2-Dichloropropane	ND		5.2	2.6	ug/Kg			12/22/11 19:50	1
1,3-Dichlorobenzene	ND		5.2	0.27	ug/Kg			12/22/11 19:50	1
1,4-Dichlorobenzene	ND		5.2	0.73	ug/Kg			12/22/11 19:50	1
2-Hexanone	ND		26	2.6	ug/Kg			12/22/11 19:50	1
2-Butanone (MEK)	ND		26	1.9	ug/Kg			12/22/11 19:50	1
4-Methyl-2-pentanone (MIBK)	ND		26	1.7	ug/Kg			12/22/11 19:50	1
Acetone	ND		26	4.4	ug/Kg			12/22/11 19:50	1
Benzene	ND		5.2	0.26	ug/Kg			12/22/11 19:50	1
Bromodichloromethane	ND		5.2	0.70	ug/Kg			12/22/11 19:50	1
Bromoform	ND		5.2	2.6	ug/Kg			12/22/11 19:50	1
Bromomethane	ND		5.2	0.47	ug/Kg			12/22/11 19:50	1
Carbon disulfide	ND		5.2	2.6	ug/Kg			12/22/11 19:50	1
Carbon tetrachloride	ND		5.2	0.51	ug/Kg			12/22/11 19:50	1
Chlorobenzene	ND		5.2	0.69	ug/Kg			12/22/11 19:50	1
Dibromochloromethane	ND		5.2	0.67	ug/Kg			12/22/11 19:50	1
Chloroethane	ND		5.2	1.2	ug/Kg			12/22/11 19:50	1
Chloroform	ND		5.2	0.32	ug/Kg			12/22/11 19:50	1
Chloromethane	ND		5.2	0.32	ug/Kg			12/22/11 19:50	1
cis-1,2-Dichloroethene	ND		5.2	0.67	ug/Kg			12/22/11 19:50	1
cis-1,3-Dichloropropene	ND		5.2	0.76	ug/Kg			12/22/11 19:50	1
Cyclohexane	ND		5.2	0.73	ug/Kg			12/22/11 19:50	1
Dichlorodifluoromethane	ND		5.2	0.43	ug/Kg			12/22/11 19:50	1
Ethylbenzene	ND		5.2	0.36	ug/Kg			12/22/11 19:50	1
Isopropylbenzene	ND		5.2	0.79	ug/Kg			12/22/11 19:50	1
Methyl acetate	ND		5.2	0.98	ug/Kg			12/22/11 19:50	1
Methyl tert-butyl ether	ND		5.2	0.52	ug/Kg			12/22/11 19:50	1
Methylcyclohexane	ND		5.2	0.80	ug/Kg			12/22/11 19:50	1
Methylene Chloride	ND		5.2	2.4	ug/Kg			12/22/11 19:50	1
Styrene	ND		5.2	0.26	ug/Kg			12/22/11 19:50	1
Tetrachloroethene	ND		5.2	0.70	ug/Kg			12/22/11 19:50	1
Toluene	**0.51**	**J**	5.2	0.40	ug/Kg			12/22/11 19:50	1
trans-1,2-Dichloroethene	ND		5.2	0.54	ug/Kg			12/22/11 19:50	1
trans-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg			12/22/11 19:50	1
Trichloroethene	ND		5.2	1.2	ug/Kg			12/22/11 19:50	1
Trichlorofluoromethane	ND		5.2	0.50	ug/Kg			12/22/11 19:50	1
Vinyl chloride	ND		5.2	0.64	ug/Kg			12/22/11 19:50	1
Xylenes, Total	ND		10	0.88	ug/Kg			12/22/11 19:50	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE4 (0-2)
Date Collected: 12/15/11 10:46
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-1
Matrix: Solid
Percent Solids: 91.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		64 - 126		12/22/11 19:50	1
Toluene-d8 (Surr)	102		71 - 125		12/22/11 19:50	1
4-Bromofluorobenzene (Surr)	110		72 - 126		12/22/11 19:50	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE4 (2-4)
Date Collected: 12/15/11 10:55
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-2
Matrix: Solid
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.39	ug/Kg			12/22/11 20:15	1
1,1,2,2-Tetrachloroethane	ND		5.4	0.87	ug/Kg			12/22/11 20:15	1
1,1,2-Trichloroethane	ND		5.4	0.70	ug/Kg			12/22/11 20:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.2	ug/Kg			12/22/11 20:15	1
1,1-Dichloroethane	ND		5.4	0.66	ug/Kg			12/22/11 20:15	1
1,1-Dichloroethene	ND		5.4	0.66	ug/Kg			12/22/11 20:15	1
1,2,4-Trichlorobenzene	ND		5.4	0.33	ug/Kg			12/22/11 20:15	1
1,2-Dibromo-3-Chloropropane	ND		5.4	2.7	ug/Kg			12/22/11 20:15	1
1,2-Dibromoethane	ND		5.4	0.69	ug/Kg			12/22/11 20:15	1
1,2-Dichlorobenzene	ND		5.4	0.42	ug/Kg			12/22/11 20:15	1
1,2-Dichloroethane	ND		5.4	0.27	ug/Kg			12/22/11 20:15	1
1,2-Dichloropropane	ND		5.4	2.7	ug/Kg			12/22/11 20:15	1
1,3-Dichlorobenzene	ND		5.4	0.28	ug/Kg			12/22/11 20:15	1
1,4-Dichlorobenzene	ND		5.4	0.75	ug/Kg			12/22/11 20:15	1
2-Hexanone	ND		27	2.7	ug/Kg			12/22/11 20:15	1
2-Butanone (MEK)	ND		27	2.0	ug/Kg			12/22/11 20:15	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.8	ug/Kg			12/22/11 20:15	1
Acetone	ND		27	4.5	ug/Kg			12/22/11 20:15	1
Benzene	ND		5.4	0.26	ug/Kg			12/22/11 20:15	1
Bromodichloromethane	ND		5.4	0.72	ug/Kg			12/22/11 20:15	1
Bromoform	ND		5.4	2.7	ug/Kg			12/22/11 20:15	1
Bromomethane	ND		5.4	0.49	ug/Kg			12/22/11 20:15	1
Carbon disulfide	ND		5.4	2.7	ug/Kg			12/22/11 20:15	1
Carbon tetrachloride	ND		5.4	0.52	ug/Kg			12/22/11 20:15	1
Chlorobenzene	ND		5.4	0.71	ug/Kg			12/22/11 20:15	1
Dibromochloromethane	ND		5.4	0.69	ug/Kg			12/22/11 20:15	1
Chloroethane	ND		5.4	1.2	ug/Kg			12/22/11 20:15	1
Chloroform	ND		5.4	0.33	ug/Kg			12/22/11 20:15	1
Chloromethane	ND		5.4	0.33	ug/Kg			12/22/11 20:15	1
cis-1,2-Dichloroethene	ND		5.4	0.69	ug/Kg			12/22/11 20:15	1
cis-1,3-Dichloropropene	ND		5.4	0.78	ug/Kg			12/22/11 20:15	1
Cyclohexane	ND		5.4	0.75	ug/Kg			12/22/11 20:15	1
Dichlorodifluoromethane	ND		5.4	0.45	ug/Kg			12/22/11 20:15	1
Ethylbenzene	ND		5.4	0.37	ug/Kg			12/22/11 20:15	1
Isopropylbenzene	ND		5.4	0.81	ug/Kg			12/22/11 20:15	1
Methyl acetate	ND		5.4	1.0	ug/Kg			12/22/11 20:15	1
Methyl tert-butyl ether	ND		5.4	0.53	ug/Kg			12/22/11 20:15	1
Methylcyclohexane	ND		5.4	0.82	ug/Kg			12/22/11 20:15	1
Methylene Chloride	ND		5.4	2.5	ug/Kg			12/22/11 20:15	1
Styrene	ND		5.4	0.27	ug/Kg			12/22/11 20:15	1
Tetrachloroethene	ND		5.4	0.72	ug/Kg			12/22/11 20:15	1
Toluene	ND		5.4	0.41	ug/Kg			12/22/11 20:15	1
trans-1,2-Dichloroethene	ND		5.4	0.56	ug/Kg			12/22/11 20:15	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg			12/22/11 20:15	1
Trichloroethene	ND		5.4	1.2	ug/Kg			12/22/11 20:15	1
Trichlorofluoromethane	ND		5.4	0.51	ug/Kg			12/22/11 20:15	1
Vinyl chloride	ND		5.4	0.66	ug/Kg			12/22/11 20:15	1
Xylenes, Total	ND		11	0.91	ug/Kg			12/22/11 20:15	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE4 (2-4)
Date Collected: 12/15/11 10:55
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-2
Matrix: Solid
Percent Solids: 87.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		64 - 126		12/22/11 20:15	1
Toluene-d8 (Surr)	102		71 - 125		12/22/11 20:15	1
4-Bromofluorobenzene (Surr)	112		72 - 126		12/22/11 20:15	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE4 (4-6)
Date Collected: 12/15/11 11:03
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-3
Matrix: Solid
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.38	ug/Kg			12/22/11 20:40	1
1,1,2,2-Tetrachloroethane	ND		5.2	0.85	ug/Kg			12/22/11 20:40	1
1,1,2-Trichloroethane	ND		5.2	0.68	ug/Kg			12/22/11 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	1.2	ug/Kg			12/22/11 20:40	1
1,1-Dichloroethane	ND		5.2	0.64	ug/Kg			12/22/11 20:40	1
1,1-Dichloroethene	ND		5.2	0.64	ug/Kg			12/22/11 20:40	1
1,2,4-Trichlorobenzene	ND		5.2	0.32	ug/Kg			12/22/11 20:40	1
1,2-Dibromo-3-Chloropropane	ND		5.2	2.6	ug/Kg			12/22/11 20:40	1
1,2-Dibromoethane	ND		5.2	0.67	ug/Kg			12/22/11 20:40	1
1,2-Dichlorobenzene	ND		5.2	0.41	ug/Kg			12/22/11 20:40	1
1,2-Dichloroethane	ND		5.2	0.26	ug/Kg			12/22/11 20:40	1
1,2-Dichloropropane	ND		5.2	2.6	ug/Kg			12/22/11 20:40	1
1,3-Dichlorobenzene	ND		5.2	0.27	ug/Kg			12/22/11 20:40	1
1,4-Dichlorobenzene	ND		5.2	0.73	ug/Kg			12/22/11 20:40	1
2-Hexanone	ND		26	2.6	ug/Kg			12/22/11 20:40	1
2-Butanone (MEK)	ND		26	1.9	ug/Kg			12/22/11 20:40	1
4-Methyl-2-pentanone (MIBK)	ND		26	1.7	ug/Kg			12/22/11 20:40	1
Acetone	ND		26	4.4	ug/Kg			12/22/11 20:40	1
Benzene	ND		5.2	0.26	ug/Kg			12/22/11 20:40	1
Bromodichloromethane	ND		5.2	0.70	ug/Kg			12/22/11 20:40	1
Bromoform	ND		5.2	2.6	ug/Kg			12/22/11 20:40	1
Bromomethane	ND		5.2	0.47	ug/Kg			12/22/11 20:40	1
Carbon disulfide	ND		5.2	2.6	ug/Kg			12/22/11 20:40	1
Carbon tetrachloride	ND		5.2	0.51	ug/Kg			12/22/11 20:40	1
Chlorobenzene	ND		5.2	0.69	ug/Kg			12/22/11 20:40	1
Dibromochloromethane	ND		5.2	0.67	ug/Kg			12/22/11 20:40	1
Chloroethane	ND		5.2	1.2	ug/Kg			12/22/11 20:40	1
Chloroform	ND		5.2	0.32	ug/Kg			12/22/11 20:40	1
Chloromethane	ND		5.2	0.32	ug/Kg			12/22/11 20:40	1
cis-1,2-Dichloroethene	ND		5.2	0.67	ug/Kg			12/22/11 20:40	1
cis-1,3-Dichloropropene	ND		5.2	0.75	ug/Kg			12/22/11 20:40	1
Cyclohexane	ND		5.2	0.73	ug/Kg			12/22/11 20:40	1
Dichlorodifluoromethane	ND		5.2	0.43	ug/Kg			12/22/11 20:40	1
Ethylbenzene	ND		5.2	0.36	ug/Kg			12/22/11 20:40	1
Isopropylbenzene	ND		5.2	0.79	ug/Kg			12/22/11 20:40	1
Methyl acetate	ND		5.2	0.97	ug/Kg			12/22/11 20:40	1
Methyl tert-butyl ether	ND		5.2	0.51	ug/Kg			12/22/11 20:40	1
Methylcyclohexane	ND		5.2	0.79	ug/Kg			12/22/11 20:40	1
Methylene Chloride	ND		5.2	2.4	ug/Kg			12/22/11 20:40	1
Styrene	ND		5.2	0.26	ug/Kg			12/22/11 20:40	1
Tetrachloroethene	ND		5.2	0.70	ug/Kg			12/22/11 20:40	1
Toluene	ND		5.2	0.40	ug/Kg			12/22/11 20:40	1
trans-1,2-Dichloroethene	ND		5.2	0.54	ug/Kg			12/22/11 20:40	1
trans-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg			12/22/11 20:40	1
Trichloroethene	ND		5.2	1.2	ug/Kg			12/22/11 20:40	1
Trichlorofluoromethane	ND		5.2	0.49	ug/Kg			12/22/11 20:40	1
Vinyl chloride	ND		5.2	0.64	ug/Kg			12/22/11 20:40	1
Xylenes, Total	ND		10	0.88	ug/Kg			12/22/11 20:40	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE4 (4-6)
Date Collected: 12/15/11 11:03
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-3
Matrix: Solid
Percent Solids: 89.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		64 - 126		12/22/11 20:40	1
Toluene-d8 (Surr)	102		71 - 125		12/22/11 20:40	1
4-Bromofluorobenzene (Surr)	111		72 - 126		12/22/11 20:40	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE4 (6-8)
Date Collected: 12/15/11 11:10
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-4
Matrix: Solid
Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.42	ug/Kg			12/22/11 21:06	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.93	ug/Kg			12/22/11 21:06	1
1,1,2-Trichloroethane	ND		5.7	0.75	ug/Kg			12/22/11 21:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg			12/22/11 21:06	1
1,1-Dichloroethane	ND		5.7	0.70	ug/Kg			12/22/11 21:06	1
1,1-Dichloroethene	ND		5.7	0.70	ug/Kg			12/22/11 21:06	1
1,2,4-Trichlorobenzene	ND		5.7	0.35	ug/Kg			12/22/11 21:06	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.9	ug/Kg			12/22/11 21:06	1
1,2-Dibromoethane	ND		5.7	0.74	ug/Kg			12/22/11 21:06	1
1,2-Dichlorobenzene	ND		5.7	0.45	ug/Kg			12/22/11 21:06	1
1,2-Dichloroethane	ND		5.7	0.29	ug/Kg			12/22/11 21:06	1
1,2-Dichloropropane	ND		5.7	2.9	ug/Kg			12/22/11 21:06	1
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg			12/22/11 21:06	1
1,4-Dichlorobenzene	ND		5.7	0.80	ug/Kg			12/22/11 21:06	1
2-Hexanone	ND		29	2.9	ug/Kg			12/22/11 21:06	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg			12/22/11 21:06	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg			12/22/11 21:06	1
Acetone	ND		29	4.8	ug/Kg			12/22/11 21:06	1
Benzene	ND		5.7	0.28	ug/Kg			12/22/11 21:06	1
Bromodichloromethane	ND		5.7	0.77	ug/Kg			12/22/11 21:06	1
Bromoform	ND		5.7	2.9	ug/Kg			12/22/11 21:06	1
Bromomethane	ND		5.7	0.52	ug/Kg			12/22/11 21:06	1
Carbon disulfide	ND		5.7	2.9	ug/Kg			12/22/11 21:06	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg			12/22/11 21:06	1
Chlorobenzene	ND		5.7	0.76	ug/Kg			12/22/11 21:06	1
Dibromochloromethane	ND		5.7	0.73	ug/Kg			12/22/11 21:06	1
Chloroethane	ND		5.7	1.3	ug/Kg			12/22/11 21:06	1
Chloroform	ND		5.7	0.35	ug/Kg			12/22/11 21:06	1
Chloromethane	ND		5.7	0.35	ug/Kg			12/22/11 21:06	1
cis-1,2-Dichloroethene	ND		5.7	0.73	ug/Kg			12/22/11 21:06	1
cis-1,3-Dichloropropene	ND		5.7	0.83	ug/Kg			12/22/11 21:06	1
Cyclohexane	ND		5.7	0.80	ug/Kg			12/22/11 21:06	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg			12/22/11 21:06	1
Ethylbenzene	ND		5.7	0.40	ug/Kg			12/22/11 21:06	1
Isopropylbenzene	ND		5.7	0.86	ug/Kg			12/22/11 21:06	1
Methyl acetate	ND		5.7	1.1	ug/Kg			12/22/11 21:06	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg			12/22/11 21:06	1
Methylcyclohexane	ND		5.7	0.87	ug/Kg			12/22/11 21:06	1
Methylene Chloride	**2.8**	**J**	5.7	2.6	ug/Kg			12/22/11 21:06	1
Styrene	ND		5.7	0.29	ug/Kg			12/22/11 21:06	1
Tetrachloroethene	ND		5.7	0.77	ug/Kg			12/22/11 21:06	1
Toluene	ND		5.7	0.43	ug/Kg			12/22/11 21:06	1
trans-1,2-Dichloroethene	ND		5.7	0.59	ug/Kg			12/22/11 21:06	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg			12/22/11 21:06	1
Trichloroethene	ND		5.7	1.3	ug/Kg			12/22/11 21:06	1
Trichlorofluoromethane	ND		5.7	0.54	ug/Kg			12/22/11 21:06	1
Vinyl chloride	ND		5.7	0.70	ug/Kg			12/22/11 21:06	1
Xylenes, Total	ND		11	0.96	ug/Kg			12/22/11 21:06	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE4 (6-8)
Date Collected: 12/15/11 11:10
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-4
Matrix: Solid
Percent Solids: 85.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		64 - 126		12/22/11 21:06	1
Toluene-d8 (Surr)	102		71 - 125		12/22/11 21:06	1
4-Bromofluorobenzene (Surr)	109		72 - 126		12/22/11 21:06	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE4 (8-10)
Date Collected: 12/15/11 11:19
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-5
Matrix: Solid
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.38	ug/Kg			12/22/11 21:31	1
1,1,2,2-Tetrachloroethane	ND		5.2	0.85	ug/Kg			12/22/11 21:31	1
1,1,2-Trichloroethane	ND		5.2	0.68	ug/Kg			12/22/11 21:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	1.2	ug/Kg			12/22/11 21:31	1
1,1-Dichloroethane	ND		5.2	0.64	ug/Kg			12/22/11 21:31	1
1,1-Dichloroethene	ND		5.2	0.64	ug/Kg			12/22/11 21:31	1
1,2,4-Trichlorobenzene	ND		5.2	0.32	ug/Kg			12/22/11 21:31	1
1,2-Dibromo-3-Chloropropane	ND		5.2	2.6	ug/Kg			12/22/11 21:31	1
1,2-Dibromoethane	ND		5.2	0.67	ug/Kg			12/22/11 21:31	1
1,2-Dichlorobenzene	ND		5.2	0.41	ug/Kg			12/22/11 21:31	1
1,2-Dichloroethane	ND		5.2	0.26	ug/Kg			12/22/11 21:31	1
1,2-Dichloropropane	ND		5.2	2.6	ug/Kg			12/22/11 21:31	1
1,3-Dichlorobenzene	ND		5.2	0.27	ug/Kg			12/22/11 21:31	1
1,4-Dichlorobenzene	ND		5.2	0.73	ug/Kg			12/22/11 21:31	1
2-Hexanone	ND		26	2.6	ug/Kg			12/22/11 21:31	1
2-Butanone (MEK)	ND		26	1.9	ug/Kg			12/22/11 21:31	1
4-Methyl-2-pentanone (MIBK)	ND		26	1.7	ug/Kg			12/22/11 21:31	1
Acetone	ND		26	4.4	ug/Kg			12/22/11 21:31	1
Benzene	ND		5.2	0.26	ug/Kg			12/22/11 21:31	1
Bromodichloromethane	ND		5.2	0.70	ug/Kg			12/22/11 21:31	1
Bromoform	ND		5.2	2.6	ug/Kg			12/22/11 21:31	1
Bromomethane	ND		5.2	0.47	ug/Kg			12/22/11 21:31	1
Carbon disulfide	ND		5.2	2.6	ug/Kg			12/22/11 21:31	1
Carbon tetrachloride	ND		5.2	0.51	ug/Kg			12/22/11 21:31	1
Chlorobenzene	ND		5.2	0.69	ug/Kg			12/22/11 21:31	1
Dibromochloromethane	ND		5.2	0.67	ug/Kg			12/22/11 21:31	1
Chloroethane	ND		5.2	1.2	ug/Kg			12/22/11 21:31	1
Chloroform	ND		5.2	0.32	ug/Kg			12/22/11 21:31	1
Chloromethane	ND		5.2	0.32	ug/Kg			12/22/11 21:31	1
cis-1,2-Dichloroethene	ND		5.2	0.67	ug/Kg			12/22/11 21:31	1
cis-1,3-Dichloropropene	ND		5.2	0.75	ug/Kg			12/22/11 21:31	1
Cyclohexane	ND		5.2	0.73	ug/Kg			12/22/11 21:31	1
Dichlorodifluoromethane	ND		5.2	0.43	ug/Kg			12/22/11 21:31	1
Ethylbenzene	ND		5.2	0.36	ug/Kg			12/22/11 21:31	1
Isopropylbenzene	ND		5.2	0.79	ug/Kg			12/22/11 21:31	1
Methyl acetate	ND		5.2	0.98	ug/Kg			12/22/11 21:31	1
Methyl tert-butyl ether	ND		5.2	0.51	ug/Kg			12/22/11 21:31	1
Methylcyclohexane	ND		5.2	0.80	ug/Kg			12/22/11 21:31	1
Methylene Chloride	**2.4**	**J**	5.2	2.4	ug/Kg			12/22/11 21:31	1
Styrene	ND		5.2	0.26	ug/Kg			12/22/11 21:31	1
Tetrachloroethene	**1.6**	**J**	5.2	0.70	ug/Kg			12/22/11 21:31	1
Toluene	ND		5.2	0.40	ug/Kg			12/22/11 21:31	1
trans-1,2-Dichloroethene	ND		5.2	0.54	ug/Kg			12/22/11 21:31	1
trans-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg			12/22/11 21:31	1
Trichloroethene	ND		5.2	1.2	ug/Kg			12/22/11 21:31	1
Trichlorofluoromethane	ND		5.2	0.50	ug/Kg			12/22/11 21:31	1
Vinyl chloride	ND		5.2	0.64	ug/Kg			12/22/11 21:31	1
Xylenes, Total	ND		10	0.88	ug/Kg			12/22/11 21:31	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE4 (8-10)
Date Collected: 12/15/11 11:19
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-5
Matrix: Solid
Percent Solids: 92.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		64 - 126		12/22/11 21:31	1
Toluene-d8 (Surr)	104		71 - 125		12/22/11 21:31	1
4-Bromofluorobenzene (Surr)	111		72 - 126		12/22/11 21:31	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE4 (10-12)
Date Collected: 12/15/11 11:23
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-6
Matrix: Solid
Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.41	ug/Kg			12/22/11 21:57	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.91	ug/Kg			12/22/11 21:57	1
1,1,2-Trichloroethane	ND		5.6	0.73	ug/Kg			12/22/11 21:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.3	ug/Kg			12/22/11 21:57	1
1,1-Dichloroethane	ND		5.6	0.68	ug/Kg			12/22/11 21:57	1
1,1-Dichloroethene	ND		5.6	0.68	ug/Kg			12/22/11 21:57	1
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/Kg			12/22/11 21:57	1
1,2-Dibromo-3-Chloropropane	ND		5.6	2.8	ug/Kg			12/22/11 21:57	1
1,2-Dibromoethane	ND		5.6	0.72	ug/Kg			12/22/11 21:57	1
1,2-Dichlorobenzene	ND		5.6	0.44	ug/Kg			12/22/11 21:57	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg			12/22/11 21:57	1
1,2-Dichloropropane	ND		5.6	2.8	ug/Kg			12/22/11 21:57	1
1,3-Dichlorobenzene	ND		5.6	0.29	ug/Kg			12/22/11 21:57	1
1,4-Dichlorobenzene	ND		5.6	0.78	ug/Kg			12/22/11 21:57	1
2-Hexanone	ND		28	2.8	ug/Kg			12/22/11 21:57	1
2-Butanone (MEK)	ND		28	2.0	ug/Kg			12/22/11 21:57	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg			12/22/11 21:57	1
Acetone	ND		28	4.7	ug/Kg			12/22/11 21:57	1
Benzene	ND		5.6	0.27	ug/Kg			12/22/11 21:57	1
Bromodichloromethane	ND		5.6	0.75	ug/Kg			12/22/11 21:57	1
Bromoform	ND		5.6	2.8	ug/Kg			12/22/11 21:57	1
Bromomethane	ND		5.6	0.50	ug/Kg			12/22/11 21:57	1
Carbon disulfide	ND		5.6	2.8	ug/Kg			12/22/11 21:57	1
Carbon tetrachloride	ND		5.6	0.54	ug/Kg			12/22/11 21:57	1
Chlorobenzene	ND		5.6	0.74	ug/Kg			12/22/11 21:57	1
Dibromochloromethane	ND		5.6	0.71	ug/Kg			12/22/11 21:57	1
Chloroethane	ND		5.6	1.3	ug/Kg			12/22/11 21:57	1
Chloroform	ND		5.6	0.35	ug/Kg			12/22/11 21:57	1
Chloromethane	ND		5.6	0.34	ug/Kg			12/22/11 21:57	1
cis-1,2-Dichloroethene	ND		5.6	0.71	ug/Kg			12/22/11 21:57	1
cis-1,3-Dichloropropene	ND		5.6	0.80	ug/Kg			12/22/11 21:57	1
Cyclohexane	ND		5.6	0.78	ug/Kg			12/22/11 21:57	1
Dichlorodifluoromethane	ND		5.6	0.46	ug/Kg			12/22/11 21:57	1
Ethylbenzene	ND		5.6	0.39	ug/Kg			12/22/11 21:57	1
Isopropylbenzene	ND		5.6	0.84	ug/Kg			12/22/11 21:57	1
Methyl acetate	ND		5.6	1.0	ug/Kg			12/22/11 21:57	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg			12/22/11 21:57	1
Methylcyclohexane	ND		5.6	0.85	ug/Kg			12/22/11 21:57	1
Methylene Chloride	ND		5.6	2.6	ug/Kg			12/22/11 21:57	1
Styrene	ND		5.6	0.28	ug/Kg			12/22/11 21:57	1
Tetrachloroethene	**2.1**	**J**	5.6	0.75	ug/Kg			12/22/11 21:57	1
Toluene	ND		5.6	0.42	ug/Kg			12/22/11 21:57	1
trans-1,2-Dichloroethene	ND		5.6	0.58	ug/Kg			12/22/11 21:57	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg			12/22/11 21:57	1
Trichloroethene	ND		5.6	1.2	ug/Kg			12/22/11 21:57	1
Trichlorofluoromethane	ND		5.6	0.53	ug/Kg			12/22/11 21:57	1
Vinyl chloride	ND		5.6	0.68	ug/Kg			12/22/11 21:57	1
Xylenes, Total	ND		11	0.94	ug/Kg			12/22/11 21:57	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE4 (10-12)
Date Collected: 12/15/11 11:23
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-6
Matrix: Solid
Percent Solids: 85.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		64 - 126		12/22/11 21:57	1
Toluene-d8 (Surr)	103		71 - 125		12/22/11 21:57	1
4-Bromofluorobenzene (Surr)	110		72 - 126		12/22/11 21:57	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (0-2)
Date Collected: 12/16/11 09:24
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-7
Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.42	ug/Kg			12/29/11 14:30	1
1,1,2,2-Tetrachloroethane	ND		5.8	0.94	ug/Kg			12/29/11 14:30	1
1,1,2-Trichloroethane	ND		5.8	0.75	ug/Kg			12/29/11 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.3	ug/Kg			12/29/11 14:30	1
1,1-Dichloroethane	ND		5.8	0.71	ug/Kg			12/29/11 14:30	1
1,1-Dichloroethene	ND		5.8	0.71	ug/Kg			12/29/11 14:30	1
1,2,4-Trichlorobenzene	ND		5.8	0.35	ug/Kg			12/29/11 14:30	1
1,2-Dibromo-3-Chloropropane	ND		5.8	2.9	ug/Kg			12/29/11 14:30	1
1,2-Dibromoethane	ND		5.8	0.74	ug/Kg			12/29/11 14:30	1
1,2-Dichlorobenzene	ND		5.8	0.45	ug/Kg			12/29/11 14:30	1
1,2-Dichloroethane	ND		5.8	0.29	ug/Kg			12/29/11 14:30	1
1,2-Dichloropropane	ND		5.8	2.9	ug/Kg			12/29/11 14:30	1
1,3-Dichlorobenzene	ND		5.8	0.30	ug/Kg			12/29/11 14:30	1
1,4-Dichlorobenzene	ND		5.8	0.81	ug/Kg			12/29/11 14:30	1
2-Hexanone	ND		29	2.9	ug/Kg			12/29/11 14:30	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg			12/29/11 14:30	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg			12/29/11 14:30	1
Acetone	ND		29	4.9	ug/Kg			12/29/11 14:30	1
Benzene	ND		5.8	0.28	ug/Kg			12/29/11 14:30	1
Bromodichloromethane	ND		5.8	0.78	ug/Kg			12/29/11 14:30	1
Bromoform	ND		5.8	2.9	ug/Kg			12/29/11 14:30	1
Bromomethane	ND		5.8	0.52	ug/Kg			12/29/11 14:30	1
Carbon disulfide	ND		5.8	2.9	ug/Kg			12/29/11 14:30	1
Carbon tetrachloride	ND		5.8	0.56	ug/Kg			12/29/11 14:30	1
Chlorobenzene	ND		5.8	0.77	ug/Kg			12/29/11 14:30	1
Dibromochloromethane	ND		5.8	0.74	ug/Kg			12/29/11 14:30	1
Chloroethane	ND		5.8	1.3	ug/Kg			12/29/11 14:30	1
Chloroform	ND		5.8	0.36	ug/Kg			12/29/11 14:30	1
Chloromethane	ND		5.8	0.35	ug/Kg			12/29/11 14:30	1
cis-1,2-Dichloroethene	ND		5.8	0.74	ug/Kg			12/29/11 14:30	1
cis-1,3-Dichloropropene	ND		5.8	0.84	ug/Kg			12/29/11 14:30	1
Cyclohexane	ND		5.8	0.81	ug/Kg			12/29/11 14:30	1
Dichlorodifluoromethane	ND		5.8	0.48	ug/Kg			12/29/11 14:30	1
Ethylbenzene	ND		5.8	0.40	ug/Kg			12/29/11 14:30	1
Isopropylbenzene	ND		5.8	0.87	ug/Kg			12/29/11 14:30	1
Methyl acetate	ND		5.8	1.1	ug/Kg			12/29/11 14:30	1
Methyl tert-butyl ether	ND		5.8	0.57	ug/Kg			12/29/11 14:30	1
Methylcyclohexane	ND		5.8	0.88	ug/Kg			12/29/11 14:30	1
Methylene Chloride	**5.7**	J	5.8	2.7	ug/Kg			12/29/11 14:30	1
Styrene	ND		5.8	0.29	ug/Kg			12/29/11 14:30	1
Tetrachloroethene	ND		5.8	0.78	ug/Kg			12/29/11 14:30	1
Toluene	ND		5.8	0.44	ug/Kg			12/29/11 14:30	1
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/Kg			12/29/11 14:30	1
trans-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg			12/29/11 14:30	1
Trichloroethene	ND		5.8	1.3	ug/Kg			12/29/11 14:30	1
Trichlorofluoromethane	ND		5.8	0.55	ug/Kg			12/29/11 14:30	1
Vinyl chloride	ND		5.8	0.71	ug/Kg			12/29/11 14:30	1
Xylenes, Total	ND		12	0.97	ug/Kg			12/29/11 14:30	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (0-2)
Date Collected: 12/16/11 09:24
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-7
Matrix: Solid
Percent Solids: 84.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		64 - 126		12/29/11 14:30	1
Toluene-d8 (Surr)	97		71 - 125		12/29/11 14:30	1
4-Bromofluorobenzene (Surr)	117		72 - 126		12/29/11 14:30	1

Client Sample ID: EE3 (2-4)
Date Collected: 12/16/11 09:38
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-8
Matrix: Solid
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.41	ug/Kg	☼		12/29/11 14:55	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.92	ug/Kg	☼		12/29/11 14:55	1
1,1,2-Trichloroethane	ND		5.7	0.74	ug/Kg	☼		12/29/11 14:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg	☼		12/29/11 14:55	1
1,1-Dichloroethane	ND		5.7	0.69	ug/Kg	☼		12/29/11 14:55	1
1,1-Dichloroethene	ND		5.7	0.70	ug/Kg	☼		12/29/11 14:55	1
1,2,4-Trichlorobenzene	ND		5.7	0.35	ug/Kg	☼		12/29/11 14:55	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.8	ug/Kg	☼		12/29/11 14:55	1
1,2-Dibromoethane	ND		5.7	0.73	ug/Kg	☼		12/29/11 14:55	1
1,2-Dichlorobenzene	ND		5.7	0.44	ug/Kg	☼		12/29/11 14:55	1
1,2-Dichloroethane	ND		5.7	0.29	ug/Kg	☼		12/29/11 14:55	1
1,2-Dichloropropane	ND		5.7	2.8	ug/Kg	☼		12/29/11 14:55	1
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg	☼		12/29/11 14:55	1
1,4-Dichlorobenzene	ND		5.7	0.80	ug/Kg	☼		12/29/11 14:55	1
2-Hexanone	ND		28	2.8	ug/Kg	☼		12/29/11 14:55	1
2-Butanone (MEK)	ND		28	2.1	ug/Kg	☼		12/29/11 14:55	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.9	ug/Kg	☼		12/29/11 14:55	1
Acetone	ND		28	4.8	ug/Kg	☼		12/29/11 14:55	1
Benzene	ND		5.7	0.28	ug/Kg	☼		12/29/11 14:55	1
Bromodichloromethane	ND		5.7	0.76	ug/Kg	☼		12/29/11 14:55	1
Bromoform	ND		5.7	2.8	ug/Kg	☼		12/29/11 14:55	1
Bromomethane	ND		5.7	0.51	ug/Kg	☼		12/29/11 14:55	1
Carbon disulfide	ND		5.7	2.8	ug/Kg	☼		12/29/11 14:55	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg	☼		12/29/11 14:55	1
Chlorobenzene	ND		5.7	0.75	ug/Kg	☼		12/29/11 14:55	1
Dibromochloromethane	ND		5.7	0.73	ug/Kg	☼		12/29/11 14:55	1
Chloroethane	ND		5.7	1.3	ug/Kg	☼		12/29/11 14:55	1
Chloroform	ND		5.7	0.35	ug/Kg	☼		12/29/11 14:55	1
Chloromethane	ND		5.7	0.34	ug/Kg	☼		12/29/11 14:55	1
cis-1,2-Dichloroethene	ND		5.7	0.73	ug/Kg	☼		12/29/11 14:55	1
cis-1,3-Dichloropropene	ND		5.7	0.82	ug/Kg	☼		12/29/11 14:55	1
Cyclohexane	ND		5.7	0.80	ug/Kg	☼		12/29/11 14:55	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg	☼		12/29/11 14:55	1
Ethylbenzene	ND		5.7	0.39	ug/Kg	☼		12/29/11 14:55	1
Isopropylbenzene	ND		5.7	0.86	ug/Kg	☼		12/29/11 14:55	1
Methyl acetate	ND		5.7	1.1	ug/Kg	☼		12/29/11 14:55	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg	☼		12/29/11 14:55	1
Methylcyclohexane	ND		5.7	0.86	ug/Kg	☼		12/29/11 14:55	1
Methylene Chloride	**5.1**	**J**	5.7	2.6	ug/Kg	☼		12/29/11 14:55	1
Styrene	ND		5.7	0.28	ug/Kg	☼		12/29/11 14:55	1
Tetrachloroethene	ND		5.7	0.76	ug/Kg	☼		12/29/11 14:55	1
Toluene	ND		5.7	0.43	ug/Kg	☼		12/29/11 14:55	1
trans-1,2-Dichloroethene	ND		5.7	0.59	ug/Kg	☼		12/29/11 14:55	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼		12/29/11 14:55	1
Trichloroethene	ND		5.7	1.3	ug/Kg	☼		12/29/11 14:55	1
Trichlorofluoromethane	ND		5.7	0.54	ug/Kg	☼		12/29/11 14:55	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼		12/29/11 14:55	1
Xylenes, Total	ND		11	0.96	ug/Kg	☼		12/29/11 14:55	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (2-4)
Date Collected: 12/16/11 09:38
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-8
Matrix: Solid
Percent Solids: 84.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		64 - 126		12/29/11 14:55	1
Toluene-d8 (Surr)	98		71 - 125		12/29/11 14:55	1
4-Bromofluorobenzene (Surr)	118		72 - 126		12/29/11 14:55	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (4-5)
Date Collected: 12/16/11 10:11
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-9
Matrix: Solid
Percent Solids: 93.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.37	ug/Kg			12/29/11 15:21	1
1,1,2,2-Tetrachloroethane	ND		5.1	0.83	ug/Kg			12/29/11 15:21	1
1,1,2-Trichloroethane	ND		5.1	0.66	ug/Kg			12/29/11 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.1	1.2	ug/Kg			12/29/11 15:21	1
1,1-Dichloroethane	ND		5.1	0.62	ug/Kg			12/29/11 15:21	1
1,1-Dichloroethene	ND		5.1	0.63	ug/Kg			12/29/11 15:21	1
1,2,4-Trichlorobenzene	ND		5.1	0.31	ug/Kg			12/29/11 15:21	1
1,2-Dibromo-3-Chloropropane	ND		5.1	2.6	ug/Kg			12/29/11 15:21	1
1,2-Dibromoethane	ND		5.1	0.66	ug/Kg			12/29/11 15:21	1
1,2-Dichlorobenzene	ND		5.1	0.40	ug/Kg			12/29/11 15:21	1
1,2-Dichloroethane	ND		5.1	0.26	ug/Kg			12/29/11 15:21	1
1,2-Dichloropropane	ND		5.1	2.6	ug/Kg			12/29/11 15:21	1
1,3-Dichlorobenzene	ND		5.1	0.26	ug/Kg			12/29/11 15:21	1
1,4-Dichlorobenzene	ND		5.1	0.72	ug/Kg			12/29/11 15:21	1
2-Hexanone	ND		26	2.6	ug/Kg			12/29/11 15:21	1
2-Butanone (MEK)	ND		26	1.9	ug/Kg			12/29/11 15:21	1
4-Methyl-2-pentanone (MIBK)	ND		26	1.7	ug/Kg			12/29/11 15:21	1
Acetone	ND		26	4.3	ug/Kg			12/29/11 15:21	1
Benzene	ND		5.1	0.25	ug/Kg			12/29/11 15:21	1
Bromodichloromethane	ND		5.1	0.68	ug/Kg			12/29/11 15:21	1
Bromoform	ND		5.1	2.6	ug/Kg			12/29/11 15:21	1
Bromomethane	ND		5.1	0.46	ug/Kg			12/29/11 15:21	1
Carbon disulfide	ND		5.1	2.6	ug/Kg			12/29/11 15:21	1
Carbon tetrachloride	ND		5.1	0.49	ug/Kg			12/29/11 15:21	1
Chlorobenzene	ND		5.1	0.67	ug/Kg			12/29/11 15:21	1
Dibromochloromethane	ND		5.1	0.65	ug/Kg			12/29/11 15:21	1
Chloroethane	ND		5.1	1.2	ug/Kg			12/29/11 15:21	1
Chloroform	ND		5.1	0.32	ug/Kg			12/29/11 15:21	1
Chloromethane	ND		5.1	0.31	ug/Kg			12/29/11 15:21	1
cis-1,2-Dichloroethene	ND		5.1	0.65	ug/Kg			12/29/11 15:21	1
cis-1,3-Dichloropropene	ND		5.1	0.74	ug/Kg			12/29/11 15:21	1
Cyclohexane	ND		5.1	0.72	ug/Kg			12/29/11 15:21	1
Dichlorodifluoromethane	ND		5.1	0.42	ug/Kg			12/29/11 15:21	1
Ethylbenzene	ND		5.1	0.35	ug/Kg			12/29/11 15:21	1
Isopropylbenzene	ND		5.1	0.77	ug/Kg			12/29/11 15:21	1
Methyl acetate	ND		5.1	0.95	ug/Kg			12/29/11 15:21	1
Methyl tert-butyl ether	ND		5.1	0.50	ug/Kg			12/29/11 15:21	1
Methylcyclohexane	ND		5.1	0.78	ug/Kg			12/29/11 15:21	1
Methylene Chloride	**3.8**	**J**	5.1	2.4	ug/Kg			12/29/11 15:21	1
Styrene	ND		5.1	0.26	ug/Kg			12/29/11 15:21	1
Tetrachloroethene	ND		5.1	0.69	ug/Kg			12/29/11 15:21	1
Toluene	ND		5.1	0.39	ug/Kg			12/29/11 15:21	1
trans-1,2-Dichloroethene	ND		5.1	0.53	ug/Kg			12/29/11 15:21	1
trans-1,3-Dichloropropene	ND		5.1	2.2	ug/Kg			12/29/11 15:21	1
Trichloroethene	ND		5.1	1.1	ug/Kg			12/29/11 15:21	1
Trichlorofluoromethane	ND		5.1	0.48	ug/Kg			12/29/11 15:21	1
Vinyl chloride	ND		5.1	0.62	ug/Kg			12/29/11 15:21	1
Xylenes, Total	ND		10	0.86	ug/Kg			12/29/11 15:21	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (4-5)
Date Collected: 12/16/11 10:11
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-9
Matrix: Solid
Percent Solids: 93.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		64 - 126		12/29/11 15:21	1
Toluene-d8 (Surr)	99		71 - 125		12/29/11 15:21	1
4-Bromofluorobenzene (Surr)	117		72 - 126		12/29/11 15:21	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (8-10)
Date Collected: 12/16/11 11:44
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-10
Matrix: Solid
Percent Solids: 91.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.38	ug/Kg			12/29/11 15:46	1
1,1,2,2-Tetrachloroethane	ND		5.2	0.84	ug/Kg			12/29/11 15:46	1
1,1,2-Trichloroethane	ND		5.2	0.67	ug/Kg			12/29/11 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	1.2	ug/Kg			12/29/11 15:46	1
1,1-Dichloroethane	ND		5.2	0.63	ug/Kg			12/29/11 15:46	1
1,1-Dichloroethene	ND		5.2	0.63	ug/Kg			12/29/11 15:46	1
1,2,4-Trichlorobenzene	ND		5.2	0.32	ug/Kg			12/29/11 15:46	1
1,2-Dibromo-3-Chloropropane	ND		5.2	2.6	ug/Kg			12/29/11 15:46	1
1,2-Dibromoethane	ND		5.2	0.67	ug/Kg			12/29/11 15:46	1
1,2-Dichlorobenzene	ND		5.2	0.41	ug/Kg			12/29/11 15:46	1
1,2-Dichloroethane	ND		5.2	0.26	ug/Kg			12/29/11 15:46	1
1,2-Dichloropropane	ND		5.2	2.6	ug/Kg			12/29/11 15:46	1
1,3-Dichlorobenzene	ND		5.2	0.27	ug/Kg			12/29/11 15:46	1
1,4-Dichlorobenzene	ND		5.2	0.73	ug/Kg			12/29/11 15:46	1
2-Hexanone	ND		26	2.6	ug/Kg			12/29/11 15:46	1
2-Butanone (MEK)	ND		26	1.9	ug/Kg			12/29/11 15:46	1
4-Methyl-2-pentanone (MIBK)	ND		26	1.7	ug/Kg			12/29/11 15:46	1
Acetone	ND		26	4.4	ug/Kg			12/29/11 15:46	1
Benzene	ND		5.2	0.25	ug/Kg			12/29/11 15:46	1
Bromodichloromethane	ND		5.2	0.69	ug/Kg			12/29/11 15:46	1
Bromoform	ND		5.2	2.6	ug/Kg			12/29/11 15:46	1
Bromomethane	ND		5.2	0.47	ug/Kg			12/29/11 15:46	1
Carbon disulfide	ND		5.2	2.6	ug/Kg			12/29/11 15:46	1
Carbon tetrachloride	ND		5.2	0.50	ug/Kg			12/29/11 15:46	1
Chlorobenzene	ND		5.2	0.68	ug/Kg			12/29/11 15:46	1
Dibromochloromethane	ND		5.2	0.66	ug/Kg			12/29/11 15:46	1
Chloroethane	ND		5.2	1.2	ug/Kg			12/29/11 15:46	1
Chloroform	ND		5.2	0.32	ug/Kg			12/29/11 15:46	1
Chloromethane	ND		5.2	0.31	ug/Kg			12/29/11 15:46	1
cis-1,2-Dichloroethene	ND		5.2	0.66	ug/Kg			12/29/11 15:46	1
cis-1,3-Dichloropropene	ND		5.2	0.75	ug/Kg			12/29/11 15:46	1
Cyclohexane	ND		5.2	0.73	ug/Kg			12/29/11 15:46	1
Dichlorodifluoromethane	ND		5.2	0.43	ug/Kg			12/29/11 15:46	1
Ethylbenzene	ND		5.2	0.36	ug/Kg			12/29/11 15:46	1
Isopropylbenzene	ND		5.2	0.78	ug/Kg			12/29/11 15:46	1
Methyl acetate	ND		5.2	0.96	ug/Kg			12/29/11 15:46	1
Methyl tert-butyl ether	ND		5.2	0.51	ug/Kg			12/29/11 15:46	1
Methylcyclohexane	ND		5.2	0.79	ug/Kg			12/29/11 15:46	1
Methylene Chloride	**4.9**	**J**	5.2	2.4	ug/Kg			12/29/11 15:46	1
Styrene	ND		5.2	0.26	ug/Kg			12/29/11 15:46	1
Tetrachloroethene	**0.70**	**J**	5.2	0.70	ug/Kg			12/29/11 15:46	1
Toluene	**0.50**	**J**	5.2	0.39	ug/Kg			12/29/11 15:46	1
trans-1,2-Dichloroethene	ND		5.2	0.54	ug/Kg			12/29/11 15:46	1
trans-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg			12/29/11 15:46	1
Trichloroethene	ND		5.2	1.1	ug/Kg			12/29/11 15:46	1
Trichlorofluoromethane	ND		5.2	0.49	ug/Kg			12/29/11 15:46	1
Vinyl chloride	ND		5.2	0.63	ug/Kg			12/29/11 15:46	1
Xylenes, Total	ND		10	0.87	ug/Kg			12/29/11 15:46	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (8-10)
Date Collected: 12/16/11 11:44
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-10
Matrix: Solid
Percent Solids: 91.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		64 - 126		12/29/11 15:46	1
Toluene-d8 (Surr)	96		71 - 125		12/29/11 15:46	1
4-Bromofluorobenzene (Surr)	116		72 - 126		12/29/11 15:46	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (10-12)
Date Collected: 12/16/11 11:50
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-11
Matrix: Solid
Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.41	ug/Kg			12/29/11 16:12	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.91	ug/Kg			12/29/11 16:12	1
1,1,2-Trichloroethane	ND		5.6	0.73	ug/Kg			12/29/11 16:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.3	ug/Kg			12/29/11 16:12	1
1,1-Dichloroethane	ND		5.6	0.68	ug/Kg			12/29/11 16:12	1
1,1-Dichloroethene	ND		5.6	0.68	ug/Kg			12/29/11 16:12	1
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/Kg			12/29/11 16:12	1
1,2-Dibromo-3-Chloropropane	ND		5.6	2.8	ug/Kg			12/29/11 16:12	1
1,2-Dibromoethane	ND		5.6	0.72	ug/Kg			12/29/11 16:12	1
1,2-Dichlorobenzene	ND		5.6	0.44	ug/Kg			12/29/11 16:12	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg			12/29/11 16:12	1
1,2-Dichloropropane	ND		5.6	2.8	ug/Kg			12/29/11 16:12	1
1,3-Dichlorobenzene	ND		5.6	0.29	ug/Kg			12/29/11 16:12	1
1,4-Dichlorobenzene	ND		5.6	0.78	ug/Kg			12/29/11 16:12	1
2-Hexanone	ND		28	2.8	ug/Kg			12/29/11 16:12	1
2-Butanone (MEK)	ND		28	2.0	ug/Kg			12/29/11 16:12	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg			12/29/11 16:12	1
Acetone	ND		28	4.7	ug/Kg			12/29/11 16:12	1
Benzene	ND		5.6	0.27	ug/Kg			12/29/11 16:12	1
Bromodichloromethane	ND		5.6	0.75	ug/Kg			12/29/11 16:12	1
Bromoform	ND		5.6	2.8	ug/Kg			12/29/11 16:12	1
Bromomethane	ND		5.6	0.50	ug/Kg			12/29/11 16:12	1
Carbon disulfide	ND		5.6	2.8	ug/Kg			12/29/11 16:12	1
Carbon tetrachloride	ND		5.6	0.54	ug/Kg			12/29/11 16:12	1
Chlorobenzene	ND		5.6	0.74	ug/Kg			12/29/11 16:12	1
Dibromochloromethane	ND		5.6	0.71	ug/Kg			12/29/11 16:12	1
Chloroethane	ND		5.6	1.3	ug/Kg			12/29/11 16:12	1
Chloroform	ND		5.6	0.34	ug/Kg			12/29/11 16:12	1
Chloromethane	ND		5.6	0.34	ug/Kg			12/29/11 16:12	1
cis-1,2-Dichloroethene	ND		5.6	0.71	ug/Kg			12/29/11 16:12	1
cis-1,3-Dichloropropene	ND		5.6	0.80	ug/Kg			12/29/11 16:12	1
Cyclohexane	ND		5.6	0.78	ug/Kg			12/29/11 16:12	1
Dichlorodifluoromethane	ND		5.6	0.46	ug/Kg			12/29/11 16:12	1
Ethylbenzene	ND		5.6	0.39	ug/Kg			12/29/11 16:12	1
Isopropylbenzene	ND		5.6	0.84	ug/Kg			12/29/11 16:12	1
Methyl acetate	ND		5.6	1.0	ug/Kg			12/29/11 16:12	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg			12/29/11 16:12	1
Methylcyclohexane	ND		5.6	0.85	ug/Kg			12/29/11 16:12	1
Methylene Chloride	**5.1**	**J**	5.6	2.6	ug/Kg			12/29/11 16:12	1
Styrene	ND		5.6	0.28	ug/Kg			12/29/11 16:12	1
Tetrachloroethene	ND		5.6	0.75	ug/Kg			12/29/11 16:12	1
Toluene	**0.50**	**J**	5.6	0.42	ug/Kg			12/29/11 16:12	1
trans-1,2-Dichloroethene	ND		5.6	0.58	ug/Kg			12/29/11 16:12	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg			12/29/11 16:12	1
Trichloroethene	ND		5.6	1.2	ug/Kg			12/29/11 16:12	1
Trichlorofluoromethane	ND		5.6	0.53	ug/Kg			12/29/11 16:12	1
Vinyl chloride	ND		5.6	0.68	ug/Kg			12/29/11 16:12	1
Xylenes, Total	ND		11	0.94	ug/Kg			12/29/11 16:12	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (10-12)
Date Collected: 12/16/11 11:50
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-11
Matrix: Solid
Percent Solids: 87.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		64 - 126		12/29/11 16:12	1
Toluene-d8 (Surr)	97		71 - 125		12/29/11 16:12	1
4-Bromofluorobenzene (Surr)	115		72 - 126		12/29/11 16:12	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (12-14)
Date Collected: 12/16/11 11:56
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-12
Matrix: Solid
Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.40	ug/Kg			12/29/11 16:37	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.89	ug/Kg			12/29/11 16:37	1
1,1,2-Trichloroethane	ND		5.5	0.71	ug/Kg			12/29/11 16:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.2	ug/Kg			12/29/11 16:37	1
1,1-Dichloroethane	ND		5.5	0.67	ug/Kg			12/29/11 16:37	1
1,1-Dichloroethene	ND		5.5	0.67	ug/Kg			12/29/11 16:37	1
1,2,4-Trichlorobenzene	ND		5.5	0.33	ug/Kg			12/29/11 16:37	1
1,2-Dibromo-3-Chloropropane	ND		5.5	2.7	ug/Kg			12/29/11 16:37	1
1,2-Dibromoethane	ND		5.5	0.70	ug/Kg			12/29/11 16:37	1
1,2-Dichlorobenzene	ND		5.5	0.43	ug/Kg			12/29/11 16:37	1
1,2-Dichloroethane	ND		5.5	0.27	ug/Kg			12/29/11 16:37	1
1,2-Dichloropropane	ND		5.5	2.7	ug/Kg			12/29/11 16:37	1
1,3-Dichlorobenzene	ND		5.5	0.28	ug/Kg			12/29/11 16:37	1
1,4-Dichlorobenzene	ND		5.5	0.76	ug/Kg			12/29/11 16:37	1
2-Hexanone	ND		27	2.7	ug/Kg			12/29/11 16:37	1
2-Butanone (MEK)	ND		27	2.0	ug/Kg			12/29/11 16:37	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.8	ug/Kg			12/29/11 16:37	1
Acetone	ND		27	4.6	ug/Kg			12/29/11 16:37	1
Benzene	ND		5.5	0.27	ug/Kg			12/29/11 16:37	1
Bromodichloromethane	ND		5.5	0.73	ug/Kg			12/29/11 16:37	1
Bromoform	ND		5.5	2.7	ug/Kg			12/29/11 16:37	1
Bromomethane	ND		5.5	0.49	ug/Kg			12/29/11 16:37	1
Carbon disulfide	ND		5.5	2.7	ug/Kg			12/29/11 16:37	1
Carbon tetrachloride	ND		5.5	0.53	ug/Kg			12/29/11 16:37	1
Chlorobenzene	ND		5.5	0.72	ug/Kg			12/29/11 16:37	1
Dibromochloromethane	ND		5.5	0.70	ug/Kg			12/29/11 16:37	1
Chloroethane	ND		5.5	1.2	ug/Kg			12/29/11 16:37	1
Chloroform	ND		5.5	0.34	ug/Kg			12/29/11 16:37	1
Chloromethane	ND		5.5	0.33	ug/Kg			12/29/11 16:37	1
cis-1,2-Dichloroethene	ND		5.5	0.70	ug/Kg			12/29/11 16:37	1
cis-1,3-Dichloropropene	ND		5.5	0.79	ug/Kg			12/29/11 16:37	1
Cyclohexane	ND		5.5	0.76	ug/Kg			12/29/11 16:37	1
Dichlorodifluoromethane	ND		5.5	0.45	ug/Kg			12/29/11 16:37	1
Ethylbenzene	ND		5.5	0.38	ug/Kg			12/29/11 16:37	1
Isopropylbenzene	ND		5.5	0.82	ug/Kg			12/29/11 16:37	1
Methyl acetate	ND		5.5	1.0	ug/Kg			12/29/11 16:37	1
Methyl tert-butyl ether	ND		5.5	0.54	ug/Kg			12/29/11 16:37	1
Methylcyclohexane	ND		5.5	0.83	ug/Kg			12/29/11 16:37	1
Methylene Chloride	**4.8**	**J**	5.5	2.5	ug/Kg			12/29/11 16:37	1
Styrene	ND		5.5	0.27	ug/Kg			12/29/11 16:37	1
Tetrachloroethene	**1.3**	**J**	5.5	0.73	ug/Kg			12/29/11 16:37	1
Toluene	**0.46**	**J**	5.5	0.41	ug/Kg			12/29/11 16:37	1
trans-1,2-Dichloroethene	ND		5.5	0.56	ug/Kg			12/29/11 16:37	1
trans-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg			12/29/11 16:37	1
Trichloroethene	ND		5.5	1.2	ug/Kg			12/29/11 16:37	1
Trichlorofluoromethane	ND		5.5	0.52	ug/Kg			12/29/11 16:37	1
Vinyl chloride	ND		5.5	0.67	ug/Kg			12/29/11 16:37	1
Xylenes, Total	ND		11	0.92	ug/Kg			12/29/11 16:37	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (12-14)
Date Collected: 12/16/11 11:56
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-12
Matrix: Solid
Percent Solids: 88.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		64 - 126		12/29/11 16:37	1
Toluene-d8 (Surr)	96		71 - 125		12/29/11 16:37	1
4-Bromofluorobenzene (Surr)	116		72 - 126		12/29/11 16:37	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (14-16)
Date Collected: 12/16/11 12:06
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-13
Matrix: Solid
Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.39	ug/Kg			12/29/11 17:02	1
1,1,2,2-Tetrachloroethane	ND		5.4	0.87	ug/Kg			12/29/11 17:02	1
1,1,2-Trichloroethane	ND		5.4	0.70	ug/Kg			12/29/11 17:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.2	ug/Kg			12/29/11 17:02	1
1,1-Dichloroethane	ND		5.4	0.65	ug/Kg			12/29/11 17:02	1
1,1-Dichloroethene	ND		5.4	0.66	ug/Kg			12/29/11 17:02	1
1,2,4-Trichlorobenzene	ND		5.4	0.33	ug/Kg			12/29/11 17:02	1
1,2-Dibromo-3-Chloropropane	ND		5.4	2.7	ug/Kg			12/29/11 17:02	1
1,2-Dibromoethane	ND		5.4	0.69	ug/Kg			12/29/11 17:02	1
1,2-Dichlorobenzene	ND		5.4	0.42	ug/Kg			12/29/11 17:02	1
1,2-Dichloroethane	ND		5.4	0.27	ug/Kg			12/29/11 17:02	1
1,2-Dichloropropane	ND		5.4	2.7	ug/Kg			12/29/11 17:02	1
1,3-Dichlorobenzene	ND		5.4	0.28	ug/Kg			12/29/11 17:02	1
1,4-Dichlorobenzene	ND		5.4	0.75	ug/Kg			12/29/11 17:02	1
2-Hexanone	ND		27	2.7	ug/Kg			12/29/11 17:02	1
2-Butanone (MEK)	ND		27	2.0	ug/Kg			12/29/11 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.8	ug/Kg			12/29/11 17:02	1
Acetone	**5.2**	**J**	27	4.5	ug/Kg			12/29/11 17:02	1
Benzene	ND		5.4	0.26	ug/Kg			12/29/11 17:02	1
Bromodichloromethane	ND		5.4	0.72	ug/Kg			12/29/11 17:02	1
Bromoform	ND		5.4	2.7	ug/Kg			12/29/11 17:02	1
Bromomethane	ND		5.4	0.48	ug/Kg			12/29/11 17:02	1
Carbon disulfide	ND		5.4	2.7	ug/Kg			12/29/11 17:02	1
Carbon tetrachloride	ND		5.4	0.52	ug/Kg			12/29/11 17:02	1
Chlorobenzene	ND		5.4	0.71	ug/Kg			12/29/11 17:02	1
Dibromochloromethane	ND		5.4	0.69	ug/Kg			12/29/11 17:02	1
Chloroethane	ND		5.4	1.2	ug/Kg			12/29/11 17:02	1
Chloroform	ND		5.4	0.33	ug/Kg			12/29/11 17:02	1
Chloromethane	ND		5.4	0.32	ug/Kg			12/29/11 17:02	1
cis-1,2-Dichloroethene	**6.5**		5.4	0.69	ug/Kg			12/29/11 17:02	1
cis-1,3-Dichloropropene	ND		5.4	0.77	ug/Kg			12/29/11 17:02	1
Cyclohexane	ND		5.4	0.75	ug/Kg			12/29/11 17:02	1
Dichlorodifluoromethane	ND		5.4	0.44	ug/Kg			12/29/11 17:02	1
Ethylbenzene	ND		5.4	0.37	ug/Kg			12/29/11 17:02	1
Isopropylbenzene	ND		5.4	0.81	ug/Kg			12/29/11 17:02	1
Methyl acetate	ND		5.4	1.0	ug/Kg			12/29/11 17:02	1
Methyl tert-butyl ether	ND		5.4	0.53	ug/Kg			12/29/11 17:02	1
Methylcyclohexane	ND		5.4	0.82	ug/Kg			12/29/11 17:02	1
Methylene Chloride	**4.0**	**J**	5.4	2.5	ug/Kg			12/29/11 17:02	1
Styrene	ND		5.4	0.27	ug/Kg			12/29/11 17:02	1
Tetrachloroethene	**51**		5.4	0.72	ug/Kg			12/29/11 17:02	1
Toluene	**0.46**	**J**	5.4	0.41	ug/Kg			12/29/11 17:02	1
trans-1,2-Dichloroethene	ND		5.4	0.55	ug/Kg			12/29/11 17:02	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg			12/29/11 17:02	1
Trichloroethene	**12**		5.4	1.2	ug/Kg			12/29/11 17:02	1
Trichlorofluoromethane	ND		5.4	0.51	ug/Kg			12/29/11 17:02	1
Vinyl chloride	ND		5.4	0.65	ug/Kg			12/29/11 17:02	1
Xylenes, Total	ND		11	0.90	ug/Kg			12/29/11 17:02	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (14-16)
Date Collected: 12/16/11 12:06
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-13
Matrix: Solid
Percent Solids: 90.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		64 - 126		12/29/11 17:02	1
Toluene-d8 (Surr)	96		71 - 125		12/29/11 17:02	1
4-Bromofluorobenzene (Surr)	116		72 - 126		12/29/11 17:02	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (16-18)
Date Collected: 12/16/11 12:11
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-14
Matrix: Solid
Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.38	ug/Kg			12/29/11 17:28	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.86	ug/Kg			12/29/11 17:28	1
1,1,2-Trichloroethane	ND		5.3	0.69	ug/Kg			12/29/11 17:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.2	ug/Kg			12/29/11 17:28	1
1,1-Dichloroethane	ND		5.3	0.65	ug/Kg			12/29/11 17:28	1
1,1-Dichloroethene	ND		5.3	0.65	ug/Kg			12/29/11 17:28	1
1,2,4-Trichlorobenzene	ND		5.3	0.32	ug/Kg			12/29/11 17:28	1
1,2-Dibromo-3-Chloropropane	ND		5.3	2.7	ug/Kg			12/29/11 17:28	1
1,2-Dibromoethane	ND		5.3	0.68	ug/Kg			12/29/11 17:28	1
1,2-Dichlorobenzene	ND		5.3	0.41	ug/Kg			12/29/11 17:28	1
1,2-Dichloroethane	ND		5.3	0.27	ug/Kg			12/29/11 17:28	1
1,2-Dichloropropane	ND		5.3	2.7	ug/Kg			12/29/11 17:28	1
1,3-Dichlorobenzene	ND		5.3	0.27	ug/Kg			12/29/11 17:28	1
1,4-Dichlorobenzene	ND		5.3	0.74	ug/Kg			12/29/11 17:28	1
2-Hexanone	ND		27	2.7	ug/Kg			12/29/11 17:28	1
2-Butanone (MEK)	ND		27	1.9	ug/Kg			12/29/11 17:28	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.7	ug/Kg			12/29/11 17:28	1
Acetone	**5.7**	**J**	27	4.5	ug/Kg			12/29/11 17:28	1
Benzene	ND		5.3	0.26	ug/Kg			12/29/11 17:28	1
Bromodichloromethane	ND		5.3	0.71	ug/Kg			12/29/11 17:28	1
Bromoform	ND		5.3	2.7	ug/Kg			12/29/11 17:28	1
Bromomethane	ND		5.3	0.48	ug/Kg			12/29/11 17:28	1
Carbon disulfide	ND		5.3	2.7	ug/Kg			12/29/11 17:28	1
Carbon tetrachloride	ND		5.3	0.51	ug/Kg			12/29/11 17:28	1
Chlorobenzene	ND		5.3	0.70	ug/Kg			12/29/11 17:28	1
Dibromochloromethane	ND		5.3	0.68	ug/Kg			12/29/11 17:28	1
Chloroethane	ND		5.3	1.2	ug/Kg			12/29/11 17:28	1
Chloroform	ND		5.3	0.33	ug/Kg			12/29/11 17:28	1
Chloromethane	ND		5.3	0.32	ug/Kg			12/29/11 17:28	1
cis-1,2-Dichloroethene	**16**		5.3	0.68	ug/Kg			12/29/11 17:28	1
cis-1,3-Dichloropropene	ND		5.3	0.76	ug/Kg			12/29/11 17:28	1
Cyclohexane	ND		5.3	0.74	ug/Kg			12/29/11 17:28	1
Dichlorodifluoromethane	ND		5.3	0.44	ug/Kg			12/29/11 17:28	1
Ethylbenzene	ND		5.3	0.37	ug/Kg			12/29/11 17:28	1
Isopropylbenzene	ND		5.3	0.80	ug/Kg			12/29/11 17:28	1
Methyl acetate	ND		5.3	0.99	ug/Kg			12/29/11 17:28	1
Methyl tert-butyl ether	ND		5.3	0.52	ug/Kg			12/29/11 17:28	1
Methylcyclohexane	ND		5.3	0.81	ug/Kg			12/29/11 17:28	1
Methylene Chloride	**3.5**	**J**	5.3	2.4	ug/Kg			12/29/11 17:28	1
Styrene	ND		5.3	0.27	ug/Kg			12/29/11 17:28	1
Toluene	**0.49**	**J**	5.3	0.40	ug/Kg			12/29/11 17:28	1
trans-1,2-Dichloroethene	ND		5.3	0.55	ug/Kg			12/29/11 17:28	1
trans-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg			12/29/11 17:28	1
Trichloroethene	**24**		5.3	1.2	ug/Kg			12/29/11 17:28	1
Trichlorofluoromethane	ND		5.3	0.50	ug/Kg			12/29/11 17:28	1
Vinyl chloride	ND		5.3	0.65	ug/Kg			12/29/11 17:28	1
Xylenes, Total	ND		11	0.89	ug/Kg			12/29/11 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 126*		*12/29/11 17:28*	*1*

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (16-18)
Date Collected: 12/16/11 12:11
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-14
Matrix: Solid
Percent Solids: 89.0

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*71 - 125*		*12/29/11 17:28*	*1*
4-Bromofluorobenzene (Surr)	*116*		*72 - 126*		*12/29/11 17:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**850**		51	6.9	ug/Kg			12/29/11 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 126*		*12/29/11 19:38*	*1*
Toluene-d8 (Surr)	*97*		*71 - 125*		*12/29/11 19:38*	*1*
4-Bromofluorobenzene (Surr)	*116*		*72 - 126*		*12/29/11 19:38*	*1*

Client Sample ID: EE3 (20-22)
Date Collected: 12/16/11 12:35
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-15
Matrix: Solid
Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.39	ug/Kg			12/29/11 17:53	1
1,1,2,2-Tetrachloroethane	ND		5.4	0.88	ug/Kg			12/29/11 17:53	1
1,1,2-Trichloroethane	ND		5.4	0.70	ug/Kg			12/29/11 17:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.2	ug/Kg			12/29/11 17:53	1
1,1-Dichloroethane	ND		5.4	0.66	ug/Kg			12/29/11 17:53	1
1,1-Dichloroethene	ND		5.4	0.66	ug/Kg			12/29/11 17:53	1
1,2,4-Trichlorobenzene	ND		5.4	0.33	ug/Kg			12/29/11 17:53	1
1,2-Dibromo-3-Chloropropane	ND		5.4	2.7	ug/Kg			12/29/11 17:53	1
1,2-Dibromoethane	ND		5.4	0.69	ug/Kg			12/29/11 17:53	1
1,2-Dichlorobenzene	ND		5.4	0.42	ug/Kg			12/29/11 17:53	1
1,2-Dichloroethane	ND		5.4	0.27	ug/Kg			12/29/11 17:53	1
1,2-Dichloropropane	ND		5.4	2.7	ug/Kg			12/29/11 17:53	1
1,3-Dichlorobenzene	ND		5.4	0.28	ug/Kg			12/29/11 17:53	1
1,4-Dichlorobenzene	ND		5.4	0.76	ug/Kg			12/29/11 17:53	1
2-Hexanone	ND		27	2.7	ug/Kg			12/29/11 17:53	1
2-Butanone (MEK)	ND		27	2.0	ug/Kg			12/29/11 17:53	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.8	ug/Kg			12/29/11 17:53	1
Acetone	**5.1**	**J**	27	4.5	ug/Kg			12/29/11 17:53	1
Benzene	ND		5.4	0.26	ug/Kg			12/29/11 17:53	1
Bromodichloromethane	ND		5.4	0.72	ug/Kg			12/29/11 17:53	1
Bromoform	ND		5.4	2.7	ug/Kg			12/29/11 17:53	1
Bromomethane	ND		5.4	0.49	ug/Kg			12/29/11 17:53	1
Carbon disulfide	ND		5.4	2.7	ug/Kg			12/29/11 17:53	1
Carbon tetrachloride	ND		5.4	0.52	ug/Kg			12/29/11 17:53	1
Chlorobenzene	ND		5.4	0.71	ug/Kg			12/29/11 17:53	1
Dibromochloromethane	ND		5.4	0.69	ug/Kg			12/29/11 17:53	1
Chloroethane	ND		5.4	1.2	ug/Kg			12/29/11 17:53	1
Chloroform	ND		5.4	0.33	ug/Kg			12/29/11 17:53	1
Chloromethane	ND		5.4	0.33	ug/Kg			12/29/11 17:53	1
cis-1,2-Dichloroethene	**43**		5.4	0.69	ug/Kg			12/29/11 17:53	1
cis-1,3-Dichloropropene	ND		5.4	0.78	ug/Kg			12/29/11 17:53	1
Cyclohexane	**1.9**	**J**	5.4	0.76	ug/Kg			12/29/11 17:53	1
Dichlorodifluoromethane	ND		5.4	0.45	ug/Kg			12/29/11 17:53	1
Ethylbenzene	ND		5.4	0.37	ug/Kg			12/29/11 17:53	1
Isopropylbenzene	ND		5.4	0.81	ug/Kg			12/29/11 17:53	1
Methyl acetate	ND		5.4	1.0	ug/Kg			12/29/11 17:53	1
Methyl tert-butyl ether	ND		5.4	0.53	ug/Kg			12/29/11 17:53	1
Methylcyclohexane	ND		5.4	0.82	ug/Kg			12/29/11 17:53	1
Methylene Chloride	**4.3**	**J**	5.4	2.5	ug/Kg			12/29/11 17:53	1
Styrene	ND		5.4	0.27	ug/Kg			12/29/11 17:53	1
Toluene	**0.48**	**J**	5.4	0.41	ug/Kg			12/29/11 17:53	1
trans-1,2-Dichloroethene	ND		5.4	0.56	ug/Kg			12/29/11 17:53	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg			12/29/11 17:53	1
Trichloroethene	**74**		5.4	1.2	ug/Kg			12/29/11 17:53	1
Trichlorofluoromethane	ND		5.4	0.51	ug/Kg			12/29/11 17:53	1
Vinyl chloride	ND		5.4	0.66	ug/Kg			12/29/11 17:53	1
Xylenes, Total	ND		11	0.91	ug/Kg			12/29/11 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 126*		*12/29/11 17:53*	*1*

Client Sample ID: EE3 (20-22)
Date Collected: 12/16/11 12:35
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-15
Matrix: Solid
Percent Solids: 86.9

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		71 - 125		12/29/11 17:53	1
4-Bromofluorobenzene (Surr)	120		72 - 126		12/29/11 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1700		54	7.3	ug/Kg	☼		12/29/11 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		64 - 126		12/29/11 20:03	1
Toluene-d8 (Surr)	98		71 - 125		12/29/11 20:03	1
4-Bromofluorobenzene (Surr)	118		72 - 126		12/29/11 20:03	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (22-24)
Date Collected: 12/16/11 12:40
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-16
Matrix: Solid
Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.43	ug/Kg	☼		12/29/11 18:21	1
1,1,2,2-Tetrachloroethane	ND		5.9	0.96	ug/Kg			12/29/11 18:21	1
1,1,2-Trichloroethane	ND		5.9	0.77	ug/Kg	☼		12/29/11 18:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.4	ug/Kg	☼		12/29/11 18:21	1
1,1-Dichloroethane	ND		5.9	0.72	ug/Kg	☼		12/29/11 18:21	1
1,1-Dichloroethene	**1.2**	J	5.9	0.73	ug/Kg			12/29/11 18:21	1
1,2,4-Trichlorobenzene	ND		5.9	0.36	ug/Kg			12/29/11 18:21	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.0	ug/Kg			12/29/11 18:21	1
1,2-Dibromoethane	ND		5.9	0.76	ug/Kg			12/29/11 18:21	1
1,2-Dichlorobenzene	ND		5.9	0.46	ug/Kg			12/29/11 18:21	1
1,2-Dichloroethane	ND		5.9	0.30	ug/Kg			12/29/11 18:21	1
1,2-Dichloropropane	ND		5.9	3.0	ug/Kg	☼		12/29/11 18:21	1
1,3-Dichlorobenzene	ND		5.9	0.31	ug/Kg			12/29/11 18:21	1
1,4-Dichlorobenzene	ND		5.9	0.83	ug/Kg			12/29/11 18:21	1
2-Hexanone	ND		30	3.0	ug/Kg			12/29/11 18:21	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼		12/29/11 18:21	1
4-Methyl-2-pentanone (MIBK)	ND		30	1.9	ug/Kg			12/29/11 18:21	1
Acetone	**6.2**	J	30	5.0	ug/Kg			12/29/11 18:21	1
Benzene	**0.82**	J	5.9	0.29	ug/Kg			12/29/11 18:21	1
Bromodichloromethane	ND		5.9	0.80	ug/Kg			12/29/11 18:21	1
Bromoform	ND		5.9	3.0	ug/Kg			12/29/11 18:21	1
Bromomethane	ND		5.9	0.53	ug/Kg			12/29/11 18:21	1
Carbon disulfide	ND		5.9	3.0	ug/Kg			12/29/11 18:21	1
Carbon tetrachloride	ND		5.9	0.57	ug/Kg			12/29/11 18:21	1
Chlorobenzene	ND		5.9	0.78	ug/Kg			12/29/11 18:21	1
Dibromochloromethane	ND		5.9	0.76	ug/Kg			12/29/11 18:21	1
Chloroethane	ND		5.9	1.3	ug/Kg			12/29/11 18:21	1
Chloroform	ND		5.9	0.37	ug/Kg			12/29/11 18:21	1
Chloromethane	ND		5.9	0.36	ug/Kg			12/29/11 18:21	1
cis-1,2-Dichloroethene	**220**		5.9	0.76	ug/Kg			12/29/11 18:21	1
cis-1,3-Dichloropropene	ND		5.9	0.86	ug/Kg			12/29/11 18:21	1
Cyclohexane	ND		5.9	0.83	ug/Kg			12/29/11 18:21	1
Dichlorodifluoromethane	ND		5.9	0.49	ug/Kg			12/29/11 18:21	1
Ethylbenzene	ND		5.9	0.41	ug/Kg			12/29/11 18:21	1
Isopropylbenzene	ND		5.9	0.90	ug/Kg			12/29/11 18:21	1
Methyl acetate	ND		5.9	1.1	ug/Kg			12/29/11 18:21	1
Methyl tert-butyl ether	ND		5.9	0.58	ug/Kg			12/29/11 18:21	1
Methylcyclohexane	ND		5.9	0.90	ug/Kg			12/29/11 18:21	1
Methylene Chloride	**4.3**	J	5.9	2.7	ug/Kg			12/29/11 18:21	1
Styrene	ND		5.9	0.30	ug/Kg			12/29/11 18:21	1
Tetrachloroethene	**54**		5.9	0.80	ug/Kg			12/29/11 18:21	1
Toluene	ND		5.9	0.45	ug/Kg			12/29/11 18:21	1
trans-1,2-Dichloroethene	**3.3**	J	5.9	0.61	ug/Kg			12/29/11 18:21	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg			12/29/11 18:21	1
Trichloroethene	**21**		5.9	1.3	ug/Kg			12/29/11 18:21	1
Trichlorofluoromethane	ND		5.9	0.56	ug/Kg			12/29/11 18:21	1
Vinyl chloride	ND		5.9	0.72	ug/Kg			12/29/11 18:21	1
Xylenes, Total	ND		12	1.0	ug/Kg			12/29/11 18:21	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (22-24)
Date Collected: 12/16/11 12:40
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-16
Matrix: Solid
Percent Solids: 81.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		64 - 126		12/29/11 18:21	1
Toluene-d8 (Surr)	98		71 - 125		12/29/11 18:21	1
4-Bromofluorobenzene (Surr)	116		72 - 126		12/29/11 18:21	1

Client Sample ID: EE3 (24-26)
Date Collected: 12/16/11 12:50
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-17
Matrix: Solid
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.40	ug/Kg			12/29/11 18:47	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.89	ug/Kg			12/29/11 18:47	1
1,1,2-Trichloroethane	ND		5.5	0.71	ug/Kg			12/29/11 18:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.2	ug/Kg			12/29/11 18:47	1
1,1-Dichloroethane	ND		5.5	0.67	ug/Kg			12/29/11 18:47	1
1,1-Dichloroethene	ND		5.5	0.67	ug/Kg			12/29/11 18:47	1
1,2,4-Trichlorobenzene	ND		5.5	0.33	ug/Kg			12/29/11 18:47	1
1,2-Dibromo-3-Chloropropane	ND		5.5	2.7	ug/Kg			12/29/11 18:47	1
1,2-Dibromoethane	ND		5.5	0.70	ug/Kg			12/29/11 18:47	1
1,2-Dichlorobenzene	ND		5.5	0.43	ug/Kg			12/29/11 18:47	1
1,2-Dichloroethane	ND		5.5	0.27	ug/Kg			12/29/11 18:47	1
1,2-Dichloropropane	ND		5.5	2.7	ug/Kg			12/29/11 18:47	1
1,3-Dichlorobenzene	ND		5.5	0.28	ug/Kg			12/29/11 18:47	1
1,4-Dichlorobenzene	ND		5.5	0.77	ug/Kg			12/29/11 18:47	1
2-Hexanone	ND		27	2.7	ug/Kg			12/29/11 18:47	1
2-Butanone (MEK)	ND		27	2.0	ug/Kg			12/29/11 18:47	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.8	ug/Kg			12/29/11 18:47	1
Acetone	**14**	**J**	27	4.6	ug/Kg			12/29/11 18:47	1
Benzene	ND		5.5	0.27	ug/Kg			12/29/11 18:47	1
Bromodichloromethane	ND		5.5	0.73	ug/Kg			12/29/11 18:47	1
Bromoform	ND		5.5	2.7	ug/Kg			12/29/11 18:47	1
Bromomethane	ND		5.5	0.49	ug/Kg			12/29/11 18:47	1
Carbon disulfide	ND		5.5	2.7	ug/Kg			12/29/11 18:47	1
Carbon tetrachloride	ND		5.5	0.53	ug/Kg			12/29/11 18:47	1
Chlorobenzene	ND		5.5	0.72	ug/Kg			12/29/11 18:47	1
Dibromochloromethane	ND		5.5	0.70	ug/Kg			12/29/11 18:47	1
Chloroethane	ND		5.5	1.2	ug/Kg			12/29/11 18:47	1
Chloroform	ND		5.5	0.34	ug/Kg			12/29/11 18:47	1
Chloromethane	ND		5.5	0.33	ug/Kg			12/29/11 18:47	1
cis-1,2-Dichloroethene	**150**		5.5	0.70	ug/Kg			12/29/11 18:47	1
cis-1,3-Dichloropropene	ND		5.5	0.79	ug/Kg			12/29/11 18:47	1
Cyclohexane	ND		5.5	0.77	ug/Kg			12/29/11 18:47	1
Dichlorodifluoromethane	ND		5.5	0.45	ug/Kg			12/29/11 18:47	1
Ethylbenzene	ND		5.5	0.38	ug/Kg			12/29/11 18:47	1
Isopropylbenzene	ND		5.5	0.82	ug/Kg			12/29/11 18:47	1
Methyl acetate	ND		5.5	1.0	ug/Kg			12/29/11 18:47	1
Methyl tert-butyl ether	**1.8**	**J**	5.5	0.54	ug/Kg			12/29/11 18:47	1
Methylcyclohexane	ND		5.5	0.83	ug/Kg			12/29/11 18:47	1
Methylene Chloride	**2.8**	**J**	5.5	2.5	ug/Kg			12/29/11 18:47	1
Styrene	ND		5.5	0.27	ug/Kg			12/29/11 18:47	1
Toluene	ND		5.5	0.41	ug/Kg			12/29/11 18:47	1
trans-1,2-Dichloroethene	**0.93**	**J**	5.5	0.56	ug/Kg			12/29/11 18:47	1
trans-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg			12/29/11 18:47	1
Trichloroethene	**13**		5.5	1.2	ug/Kg			12/29/11 18:47	1
Trichlorofluoromethane	ND		5.5	0.52	ug/Kg			12/29/11 18:47	1
Vinyl chloride	**1.8**	**J**	5.5	0.67	ug/Kg			12/29/11 18:47	1
Xylenes, Total	ND		11	0.92	ug/Kg			12/29/11 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*		*12/29/11 18:47*	*1*

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (24-26)
Date Collected: 12/16/11 12:50
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-17
Matrix: Solid
Percent Solids: 84.8

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		71 - 125		12/29/11 18:47	1
4-Bromofluorobenzene (Surr)	116		72 - 126		12/29/11 18:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1000		57	7.6	ug/Kg	☼		12/29/11 20:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		64 - 126		12/29/11 20:28	1
Toluene-d8 (Surr)	99		71 - 125		12/29/11 20:28	1
4-Bromofluorobenzene (Surr)	117		72 - 126		12/29/11 20:28	1

Client Sample ID: EE3 (26-28)
Date Collected: 12/16/11 12:55
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-18
Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.42	ug/Kg			12/29/11 19:12	1
1,1,2,2-Tetrachloroethane	ND		5.8	0.94	ug/Kg			12/29/11 19:12	1
1,1,2-Trichloroethane	ND		5.8	0.75	ug/Kg			12/29/11 19:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.3	ug/Kg			12/29/11 19:12	1
1,1-Dichloroethane	ND		5.8	0.71	ug/Kg			12/29/11 19:12	1
1,1-Dichloroethene	ND		5.8	0.71	ug/Kg			12/29/11 19:12	1
1,2,4-Trichlorobenzene	ND		5.8	0.35	ug/Kg			12/29/11 19:12	1
1,2-Dibromo-3-Chloropropane	ND		5.8	2.9	ug/Kg			12/29/11 19:12	1
1,2-Dibromoethane	ND		5.8	0.74	ug/Kg			12/29/11 19:12	1
1,2-Dichlorobenzene	ND		5.8	0.45	ug/Kg			12/29/11 19:12	1
1,2-Dichloroethane	ND		5.8	0.29	ug/Kg			12/29/11 19:12	1
1,2-Dichloropropane	ND		5.8	2.9	ug/Kg			12/29/11 19:12	1
1,3-Dichlorobenzene	ND		5.8	0.30	ug/Kg			12/29/11 19:12	1
1,4-Dichlorobenzene	ND		5.8	0.81	ug/Kg			12/29/11 19:12	1
2-Hexanone	ND		29	2.9	ug/Kg			12/29/11 19:12	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg			12/29/11 19:12	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg			12/29/11 19:12	1
Acetone	**9.9**	**J**	29	4.9	ug/Kg			12/29/11 19:12	1
Benzene	ND		5.8	0.28	ug/Kg			12/29/11 19:12	1
Bromodichloromethane	ND		5.8	0.78	ug/Kg			12/29/11 19:12	1
Bromoform	ND		5.8	2.9	ug/Kg			12/29/11 19:12	1
Bromomethane	ND		5.8	0.52	ug/Kg			12/29/11 19:12	1
Carbon disulfide	ND		5.8	2.9	ug/Kg			12/29/11 19:12	1
Carbon tetrachloride	ND		5.8	0.56	ug/Kg			12/29/11 19:12	1
Chlorobenzene	ND		5.8	0.77	ug/Kg			12/29/11 19:12	1
Dibromochloromethane	ND		5.8	0.74	ug/Kg			12/29/11 19:12	1
Chloroethane	ND		5.8	1.3	ug/Kg			12/29/11 19:12	1
Chloroform	ND		5.8	0.36	ug/Kg			12/29/11 19:12	1
Chloromethane	ND		5.8	0.35	ug/Kg			12/29/11 19:12	1
cis-1,2-Dichloroethene	**6.0**		5.8	0.74	ug/Kg			12/29/11 19:12	1
cis-1,3-Dichloropropene	ND		5.8	0.84	ug/Kg			12/29/11 19:12	1
Cyclohexane	ND		5.8	0.81	ug/Kg			12/29/11 19:12	1
Dichlorodifluoromethane	ND		5.8	0.48	ug/Kg			12/29/11 19:12	1
Ethylbenzene	ND		5.8	0.40	ug/Kg			12/29/11 19:12	1
Isopropylbenzene	ND		5.8	0.87	ug/Kg			12/29/11 19:12	1
Methyl acetate	ND		5.8	1.1	ug/Kg			12/29/11 19:12	1
Methyl tert-butyl ether	**1.9**	**J**	5.8	0.57	ug/Kg			12/29/11 19:12	1
Methylcyclohexane	ND		5.8	0.88	ug/Kg			12/29/11 19:12	1
Methylene Chloride	**4.5**	**J**	5.8	2.7	ug/Kg			12/29/11 19:12	1
Styrene	ND		5.8	0.29	ug/Kg			12/29/11 19:12	1
Tetrachloroethene	**27**		5.8	0.78	ug/Kg			12/29/11 19:12	1
Toluene	ND		5.8	0.44	ug/Kg			12/29/11 19:12	1
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/Kg			12/29/11 19:12	1
trans-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg			12/29/11 19:12	1
Trichloroethene	**1.5**	**J**	5.8	1.3	ug/Kg			12/29/11 19:12	1
Trichlorofluoromethane	ND		5.8	0.55	ug/Kg			12/29/11 19:12	1
Vinyl chloride	**8.2**		5.8	0.71	ug/Kg			12/29/11 19:12	1
Xylenes, Total	ND		12	0.97	ug/Kg			12/29/11 19:12	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (26-28)
Date Collected: 12/16/11 12:55
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-18
Matrix: Solid
Percent Solids: 84.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		64 - 126		12/29/11 19:12	1
Toluene-d8 (Surr)	97		71 - 125		12/29/11 19:12	1
4-Bromofluorobenzene (Surr)	116		72 - 126		12/29/11 19:12	1

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Client Sample ID: EE4 (0-2)
Date Collected: 12/15/11 10:46
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-1
Matrix: Solid
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	45715	12/22/11 19:50	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE4 (2-4)
Date Collected: 12/15/11 10:55
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-2
Matrix: Solid
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	45715	12/22/11 20:15	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE4 (4-6)
Date Collected: 12/15/11 11:03
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-3
Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	45715	12/22/11 20:40	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE4 (6-8)
Date Collected: 12/15/11 11:10
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-4
Matrix: Solid
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	45715	12/22/11 21:06	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE4 (8-10)
Date Collected: 12/15/11 11:19
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-5
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	45715	12/22/11 21:31	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE4 (10-12)
Date Collected: 12/15/11 11:23
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-6
Matrix: Solid
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	45715	12/22/11 21:57	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

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Client Sample ID: EE3 (0-2) — **Lab Sample ID: 480-14343-7**
Date Collected: 12/16/11 09:24 — **Matrix: Solid**
Date Received: 12/21/11 11:00 — **Percent Solids: 84.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	46340	12/29/11 14:30	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE3 (2-4) — **Lab Sample ID: 480-14343-8**
Date Collected: 12/16/11 09:38 — **Matrix: Solid**
Date Received: 12/21/11 11:00 — **Percent Solids: 84.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	46340	12/29/11 14:55	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE3 (4-5) — **Lab Sample ID: 480-14343-9**
Date Collected: 12/16/11 10:11 — **Matrix: Solid**
Date Received: 12/21/11 11:00 — **Percent Solids: 93.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	46340	12/29/11 15:21	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE3 (8-10) — **Lab Sample ID: 480-14343-10**
Date Collected: 12/16/11 11:44 — **Matrix: Solid**
Date Received: 12/21/11 11:00 — **Percent Solids: 91.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	46340	12/29/11 15:46	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE3 (10-12) — **Lab Sample ID: 480-14343-11**
Date Collected: 12/16/11 11:50 — **Matrix: Solid**
Date Received: 12/21/11 11:00 — **Percent Solids: 87.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	46340	12/29/11 16:12	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE3 (12-14) — **Lab Sample ID: 480-14343-12**
Date Collected: 12/16/11 11:56 — **Matrix: Solid**
Date Received: 12/21/11 11:00 — **Percent Solids: 88.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	46340	12/29/11 16:37	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE3 (14-16) — **Lab Sample ID: 480-14343-13**
Date Collected: 12/16/11 12:06 — **Matrix: Solid**
Date Received: 12/21/11 11:00 — **Percent Solids: 90.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	46340	12/29/11 17:02	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE3 (16-18) — **Lab Sample ID: 480-14343-14**
Date Collected: 12/16/11 12:11 — **Matrix: Solid**
Date Received: 12/21/11 11:00 — **Percent Solids: 89.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	46340	12/29/11 17:28	RJ	TAL BUF
Total/NA	Analysis	8260B	DL	1	46340	12/29/11 19:38	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE3 (20-22) — **Lab Sample ID: 480-14343-15**
Date Collected: 12/16/11 12:35 — **Matrix: Solid**
Date Received: 12/21/11 11:00 — **Percent Solids: 86.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	46340	12/29/11 17:53	RJ	TAL BUF
Total/NA	Analysis	8260B	DL	1	46340	12/29/11 20:03	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE3 (22-24) — **Lab Sample ID: 480-14343-16**
Date Collected: 12/16/11 12:40 — **Matrix: Solid**
Date Received: 12/21/11 11:00 — **Percent Solids: 81.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	46340	12/29/11 18:21	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client Sample ID: EE3 (24-26) — **Lab Sample ID: 480-14343-17**
Date Collected: 12/16/11 12:50 — **Matrix: Solid**
Date Received: 12/21/11 11:00 — **Percent Solids: 84.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	46340	12/29/11 18:47	RJ	TAL BUF
Total/NA	Analysis	8260B	DL	1	46340	12/29/11 20:28	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Client Sample ID: EE3 (26-28)
Date Collected: 12/16/11 12:55
Date Received: 12/21/11 11:00

Lab Sample ID: 480-14343-18
Matrix: Solid
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	46340	12/29/11 19:12	RJ	TAL BUF
Total/NA	Analysis	Moisture		1	46352	12/29/11 11:53	ZLR	TAL BUF

Laboratory References:

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

Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	USDA		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's Dry Cleaners

TestAmerica Job ID: 480-14343-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Consultant Name: GES
Address: 158 Sonwil Drive
City/State/Zip: Cheektowaga, NY 14225
DEC Project Mgr: Will Welling
Consultant Project Mgr: Steve Leitten
Consultant Telephone Number: 800-287-7857 Fax No.: 716-706-0078
Sampler Name: (Print) Nicole Jarzynlecki
Sampler Signature:

TA Account #: PO#:
Invoice To: As per account number
Report To: Steve Leitten (sleitten@gesonline.com)
Project Name: [redacted]
Retail # (MRN #):
Major Project (AFE#): NYSDEC Mr C's
Site Address 586 Main Street
City, State, Zip East Aurora, NY
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: Full List 8260	RUSH TAT (Pre-Schedule)*	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
SE4 (0-2)	12-15-11	1046	1		X									X					X		X	—	STD		
SE4 (2-4)	12-15-11	1055	1		X									X					X		X	—			
SE4 (4-6)	12-15-11	1103	1		X																				
SE4 (6-8)	12-15-11	1110	1																						
SE4 (8-10)	12-15-11	1119	1																						
SE4 (10-12)	12-15-11	1123	1																						
SE3 (0-2)	12-16-11	0924	1																						
SE3 (2-4)	12-16-11	0938	1																						
SE3 (4-5)	12-16-11	1011	1																						
SE3 (8-10)	12-16-11	1144	1		↓									↓					↓		↓		↓			

Comments/Special Instructions:

STD TA

Relinquished by:	Date	Time	Received by:	Date	Time
	12-16-11	1700	(GS)	12-21-11	1030
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	12-21-11	1100	JOB#s	12/21/11	1100

Laboratory Comments:
Temperature Upon Receipt: 5.0
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other
* It will be the responsibility of Exxonmobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

DL#2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Consultant Name: GES
Address: 158 Sonwil Drive
City/State/Zip: Cheektowaga, NY 14225
DEC Project Mgr: Will Welling
Consultant Project Mgr: Steve Leitten
Consultant Telephone Number: 800-287-7857 Fax No.: 716-706-0078
Sampler Name: (Print) Nicole Jarzyniecki
Sampler Signature:

TA Account #: PO#:
Invoice To: As per account number
Report To: Steve Leitten (sleitten@gesonline.com)
Project Name: [redacted]
Retail # (MRN #):
Major Project (AFE#): NYSDEC Mr C's
Site Address 586 Main Street
City, State, Zip East Aurora, NY
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: Full List 8260	RUSH TAT (Pre-schedule)	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
EE3 (10-12)	12-16-11	1150	1		X									X					X		X		STD		
EE3 (12-14)		1156																							
EE3 (14-16)		1206																							
EE3 (16-18)		1211																							
EE3 (20-22)		1235																							
EE3 (22-24)		1240																							
EE3 (24-26)		1250																							
EE3 (26-28		1255																							

Comments/Special Instructions:
STD TA

Laboratory Comments:
Temperature Upon Receipt: 5.1
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other
* It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

FN#2

Relinquished by:	Date	Time	Received by:	Date	Time
	12-16-11	1700	(GES)	12-21-11	1030
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	12-21-11	1100		12/21/11	1100

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-14343-1

Login Number: 14343
List Number: 1
Creator: Janish, Carl

List Source: TestAmerica Buffalo

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

APPENDIX D

Well Development Records

Mr. C's Dry Cleaners
East Aurora, New York
NYSDEC Region 9

Date: 1/23/12 & 1/24/12
Personnel: Tom Palmer and Jen Siniscalchi

Well ID	Well Diameter (inches)	Well Depth (feet)	Screen Depth (feet)	Depth to Water (feet)	Water Column Height (feet)	Multiplier	Volume of Water in Well (gallons)*
MPI-7I-R	2	32.2	28.9-38.9	10.46	21.74	0.163	3.5
EE-4	2	14.25	5-15	11.86	2.39	0.163	0.4
ESI-2-R	2	18.9	9-19	12.48	6.42	0.163	1.0
EE-3	2	28	18-28	10.61	17.93	0.163	2.8
MPI-14B-R	2	28.2	15-30	9.65	18.55	0.163	3.0
MPI-2S-R	2	18.4	8-18	10.64	7.76	0.163	1.3

Notes: MPI-7I-R initially measured at 32.2 feet, after surging to remove fines measured at 38.5 feet
* = approximate gallons based on calulations, rounded to the nearest tenth of a gallon

Mr. C's Dry Cleaners
East Aurora, New York
NYSDEC Region 9

Date: 1/23/2012
Personnel: Tom Palmer and Jen Siniscalchi

Monitoring Well Development Record

Well ID: **MPI-14B-R**

Start: 09:00 Finish: 10:45

Time (hrs:min:sec)	Water Depth (feet)	Turbidity (NTU)	pH	Conductivity (mS/cm)	Comments
0:00:00	9.65	800	8.78	1.10	
0:06:38	10.40	800	7.70	1.57	
0:10:19	10.40	627	7.54	1.69	
0:16:00	10.52	360	7.36	1.79	
0:20:42	10.52	700	7.28	1.87	
0:25:05	9.98	800	7.24	1.89	pump adjustment
0:30:07	9.87	564	7.20	1.93	
0:35:35	9.87	348	7.17	1.97	
0:41:01	9.87	126	7.15	1.97	
0:52:07	9.87	49.3	7.12	1.97	
1:02:00	9.87	35.6	7.12	1.99	
1:11:00	9.87	30.1	7.12	2.00	

Notes:
hrs = hours
min = minutes
sec = seconds
time recorded is time reading was collected since beginning development
NTU = nephelometric turbidity units
Development water was pumped to sump from 11:50 to 11:35
A total of approximately 32 gallons of water were removed from the well

Mr. C's Dry Cleaners
East Aurora, New York
NYSDEC Region 9

Date: 1/23/2012
Personnel: Tom Palmer and Jen Siniscalchi

Monitoring Well Development Record

Well ID: **MPI-2S-R**

Start: 12:15 Finish: 13:25

Time (hrs:min:sec)	Water Depth (feet)	Turbidity (NTU)	pH	Conductivity (mS/cm)	Comments
0:00:00	10.64	800	7.61	1.04	
0:11:20	11.10	469	7.30	1.20	
0:20:33	11.16	158	7.25	1.20	
0:29:36	11.17	84	7.25	1.20	
0:40:46	11.17	58	7.24	1.20	
0:49:03	10.96	50	7.30	1.20	pump adjustment
0:58:47	10.95	46	7.24	1.20	
1:04:00	10.96	43	7.23	1.20	
1:08:00	10.96	42	7.25	1.20	

Notes:
hrs = hours
min = minutes
sec = seconds
time recorded is time reading was collected since beginning development
NTU = nephelometric turbidity units
Development water was pumped to sump from 13:40 to 14:30
A total of approximately 100 gallons of water were removed from the well

Mr. C's Dry Cleaners
East Aurora, New York
NYSDEC Region 9

Date: 1/23/2012
Personnel: Tom Palmer and Jen Siniscalchi

Monitoring Well Development Record

Well ID: **ESI-2-R**

Start: 14:40 Finish: 15:48

Time (hrs:min:sec)	Water Depth (feet)	Turbidity (NTU)	pH	Conductivity (mS/cm)	Comments
0:00:00	12.48	800	7.56	2.14	
0:11:38	12.60	322	6.92	1.46	
0:19:15	12.60	95	6.90	1.45	
0:29:26	12.54	48	6.87	1.46	pump adjustment
0:40:15	12.54	30	6.86	1.46	
0:45:05	12.54	28.2	6.87	1.45	

Notes:
hrs = hours
min = minutes
sec = seconds
time recorded is time reading was collected since beginning development
NTU = nephelometric turbidity units
Development water was pumped to sump from 15:50 to 16:30
A total of approximately 55 gallons of water were removed from the well

Mr. C's Dry Cleaners
East Aurora, New York
NYSDEC Region 9

Date: 1/24/2012
Personnel: Tom Palmer and Jen Siniscalchi

Monitoring Well Development Record

Well ID: **MPI-7I-R**

Start: 07:50 Finish: 9:50

Time (hrs:min:sec)	Water Depth (feet)	Turbidity (NTU)	pH	Conductivity (mS/cm)	Comments
0:00:00	10.46	755	10.54	3.37	
0:14:30	24.30	800	10.13	2.73	
0:28:43	NM	800	8.57	2.68	sediment in well, surge well to remove (fine sand)
0:41:38	NM	800	8.47	2.67	
0:55:30	17.30	191	8.44	0.080	
1:04:00	26.77	189	7.69	0.095	
1:14:00	24.86	175	7.46	0.080	
1:23:00	24.72	152	7.53	0.084	
1:31:00	21.91	67	7.62	2.95	
1:36:00	20.40	36	7.48	2.75	
1:42:00	20.10	41	7.33	2.72	
1:47:00	19.90	38	7.35	2.77	
1:52:00	19.90	32	7.39	2.79	
1:58:00	19.90	36	7.39	2.79	

Notes:
hrs = hours
min = minutes
sec = seconds
time recorded is time reading was collected since beginning development
NTU = nephelometric turbidity units
Development water was pumped to sump, time not recorded
A total of approximately 80 gallons of water were removed from the well
NM = Not measured

Mr. C's Dry Cleaners
East Aurora, New York
NYSDEC Region 9

Date: 1/24/2012
Personnel: Tom Palmer and Jen Siniscalchi

Monitoring Well Development Record

Well ID: **EE-4**

Start: 09:00 Finish: 10:45

Time (hrs:min:sec)	Water Depth (feet)	Turbidity (NTU)	pH	Conductivity (mS/cm)	Comments
0:00:00	11.86	800	7.85	1.59	sheen detected on purge water
0:11:11	12.86	800	7.36	1.31	
0:21:10	12.46	800	7.56	1.29	
0:34:50	NM	800	7.54	1.28	
0:41:10	12.94	101	7.58	1.26	
0:59:50	12.96	12.5	7.52	1.25	
1:04:00	12.96	2.9	7.45	1.24	
1:11:00	12.97	3.5	7.45	1.26	
1:16:00	12.97	4.2	7.44	1.25	

Notes:
hrs = hours
min = minutes
sec = seconds
time recorded is time reading was collected since beginning development
NTU = nephelometric turbidity units
Development water was pumped to sump from 13:00 am to 13:15
A total of approximately 25 gallons of water were removed from the well
NM = Not measured

Mr. C's Dry Cleaners
East Aurora, New York
NYSDEC Region 9

Date: 1/24/2012
Personnel: Tom Palmer and Jen Siniscalchi

Monitoring Well Development Record

Well ID: **EE-3**

Start: 13:20 Finish: 14:40

Time (hrs:min:sec)	Water Depth (feet)	Turbidity (NTU)	pH	Conductivity (mS/cm)	Comments
0:00:00	10.61	800	7.48	4.13	
0:10:29	11.97	800	7.25	4.03	
0:20:13	11.93	627	7.19	4.16	
0:30:10	11.94	360	7.24	4.07	
0:40:14	11.89	700	7.18	4.04	
0:49:30	11.89	800	7.14	3.99	
0:56:07	11.90	564	7.15	3.98	
1:02:00	11.90	348	7.16	3.98	

Notes:
hrs = hours
min = minutes
sec = seconds
time recorded is time reading was collected since beginning development
NTU = nephelometric turbidity units
Development water was pumped to sump from 14:45 to 15:15
A total of approximately 45 gallons of water were removed from the well

Mr. C's Dry Cleaners
East Aurora, New York
NYSDEC Region 9

Date: 5/24/2012
Personnel: Tom Palmer and Jen Siniscalchi

Monitoring Well Development Record

Well ID: **ESI-5-R**

Start: 8:58 Finish: 9:59

Time (hrs:min:sec)	Water Depth (feet)	Turbidity (NTU)	pH	Conductivity (mS/cm)	Comments
0:00:00	8.35	NA	7.69	5.93	Brown/silty water
0:05:22	12.95	NA	7.57	4.60	Brown/silty water
0:09:43	13.40*	NA	7.43	3.61	Brown/silty water
0:15:09	13.50*	430	7.56	3.09	
0:20:38	13.50*	175	7.42	3.020	
0:25:57	13.50*	52.5	7.18	2.860	
0:30:00	13.50*	35.5	7.14	2.770	
0:35:51	13.50*	25.3	7.33	2.660	
0:40:00	13.50*	18.6	7.33	2.60	
0:45:04	13.50*	13.4	7.31	2.53	
0:51:11	13.50*	11.9	7.31	2.54	
0:55:07	13.50*	11.5	7.32	2.53	
1:00:53	8.40	11.5	7.32	2.53	

Notes:
hrs = hours
min = minutes
sec = seconds
time recorded is time reading was collected since beginning development
NTU = nephelometric turbidity units
Development water was pumped to sump, time not recorded
A total of approximately 80 gallons of water were removed from the well
*DTW recorded is at top of pump

Mr. C's Dry Cleaners
East Aurora, New York
NYSDEC Region 9

Date: 5/24/2012
Personnel: Tom Palmer and Jen Siniscalchi

Monitoring Well Development Record

Well ID: **MPI-8S-R**

Start: 10:37 Finish: 11:26

Time (hrs:min:sec)	Water Depth (feet)	Turbidity (NTU)	pH	Conductivity (mS/cm)	Comments
0:00:00	10.19	NA	7.36	2.73	Brown/silty water
0:04:55	12.15	NA	7.14	3.21	Brown/silty water
0:10:07	12.23	NA	7.51	3.39	Brown/silty water
0:15:55	12.22	776	7.43	3.37	
0:20:10	12.22	410	7.29	3.43	
0:25:15	11.87	56.1	7.08	3.50	
0:30:18	11.92	23.3	7.25	3.51	
0:35:26	11.92	14.5	7.22	3.51	
0:40:27	11.89	9.6	7.23	3.51	
0:45:27	11.88	8.0	7.22	3.51	

Notes:
hrs = hours
min = minutes
sec = seconds
time recorded is time reading was collected since beginning development
NTU = nephelometric turbidity units
Development water was pumped to sump, time not recorded
A total of approximately 80 gallons of water were removed from the well
NA = Not Appllicable/No Reading (due to high turbidity)

Mr. C's Dry Cleaners
East Aurora, New York
NYSDEC Region 9

Date: 5/24/2012
Personnel: Tom Palmer and Jen Siniscalchi

Monitoring Well Development Record

Well ID: **MPI-9S-R**

Start:12:34 Finish: 14:02

Time (hrs:min:sec)	Water Depth (feet)	Turbidity (NTU)	pH	Conductivity (mS/cm)	Comments
0:00:00	10.46	755	10.54	3.37	Brown/silty water
0:11:11	NM	NA	NA	NA	+See note below
0:10:47	16.30*	NA	7.42	2.55	
0:00:00	15.16	NA	7.19	2.79	Brown/silty water

Notes:
hrs = hours
min = minutes
sec = seconds
time recorded is time reading was collected since beginning development
NTU = nephelometric turbidity units
Development water was pumped to sump, time not recorded
A total of approximately 80 gallons of water were removed from the well
+Well pumped dry, according to work plan allowed to recharge and pumped dry again. over a 20 minute period the well recharged 4.2 feet. There was a lot of sediment noted in the well
*DTW recorded is at top of pump
NM = Not measured
NA = Not Appllicable/No Reading (due to high turbidity)

Mr. C's Dry Cleaners
East Aurora, New York
NYSDEC Region 9

Date: 5/24/2012
Personnel: Tom Palmer and Jen Siniscalchi

Monitoring Well Development Record

Well ID: **MPI-13B-R**

Start: 07:50 Finish: 9:50

Time (hrs:min:sec)	Water Depth (feet)	Turbidity (NTU)	pH	Conductivity (mS/cm)	Comments
0:00:00	9.44	NA	7.36	1.08	Brown/silty water
0:05:38	9.55	NA	7.53	7.74	Brown/silty water
0:10:05	9.55	NA	7.46	1.81	Brown/silty water
0:16:31	9.55	NA	7.45	1.86	Brown/silty water
0:21:49	9.55	NA	7.24	1.920	Brown/silty water
0:26:52	9.55	NA	7.01	1.950	Brown/silty water
0:30:26	9.55	275	7.01	1.970	
0:35:09	9.55	800	7.08	1.970	
0:40:00	9.55	67.5	6.89	2.01	
0:45:03	9.55	18.6	7.09	2.01	
0:51:23	9.55	8.6	7.07	2.01	
0:55:03	9.55	5.7	7.08	2.02	
1:01:40	9.55	3.7	7.07	2.02	

Notes:
hrs = hours
min = minutes
sec = seconds
time recorded is time reading was collected since beginning development
NTU = nephelometric turbidity units
Development water was pumped to sump, time not recorded
A total of approximately 80 gallons of water were removed from the well
NA = Not Appllicable/No Reading (due to high turbidity)

Mr. C's Dry Cleaners
East Aurora, New York
NYSDEC Region 9

Date: 5/24/2012
Personnel: Tom Palmer and Jen Siniscalchi

Well ID	Well Diameter (inches)	Well Depth (feet)	Screen Depth (feet)	Depth to Water (feet)	Water Column Height (feet)	Multiplier	Volume of Water in Well (gallons)*
ESI-5-R	2	14.55	5-15	8.35	6.2	0.163	1.0
MPI-8S-R	2	17.40	8-18	10.19	7.21	0.163	1.2
MPI-9S-R	2	16.52	8-18	9.66	6.86	0.163	1.1
MPI-13B-R	2	29.5	16.5-31.5	9.44	20.06	0.163	3.3

Notes: * = approximate gallons based on calulations, rounded to the nearest tenth of a gallon

APPENDIX E

Disposal Documentation

WASTE MANAGEMENT

#3014

Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) 496-[illegible]

Original
Ticket# 346566

Customer Name RUSSODEVELOPMENT RUSSO DEVELO Carrier PRICE PRICE TRUCKING
Ticket Date 01/23/2012
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest
Destination
PO
Profile ()
Generator

Vehicle# 4000
Volume
Container
Driver
Check#
Billing # 2001946
Gen EPA ID

	Time	Scale	Operator			
In	01/23/2012 10:41:19	INBOUND	tsouter	Inbound	Gross	39560 lb
Out	01/23/2012 10:57:02	OUTBOUND	tsouter		Tare	35400 lb
					Net	4160 lb
					Tons	2.08

Comments

Product	LDx	Qty	UOM	Rate	Fee	Amount	Origin
1 CDTM-C&D TONS-COVE	100	2.08	Tons				ERI

Total Fees
Total Ticket

Driver's Signature ______________________ 729-1520

403WM

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number 100

5. Generator's Name and Mailing Address: NYSDEC Albany, New York
Generator's Phone: (518-702-9638)
Generator's Site Address (if different than mailing address): 586 Main Street East Aurora, NY 14052

6. Transporter 1 Company Name: Price Trucking, Inc.
U.S. EPA ID Number: 9A-025

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: Chaffee Landfill, Route 16, Chaffee, NY
Facility's Phone: (716) 492-3420
U.S. EPA ID Number

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Chlorinated Impacted Soil	1 Rolloff	TT	Approx 50 yards	Tons
2.				
3. Profile # 108471NY				
4.				

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: [illegible] on behalf of NYSDEC
Signature: [illegible] on behalf of NYSDEC
Month 01 Day 25 Year 12

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name — Signature — Month Day Year
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

Chaffee Landfill TKT 3116584

18. Designated Facility Owner or Operator Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: [illegible] — Signature: [illegible] — Month 1 Day [illegible] Year 12

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

WASTE MANAGEMENT

36347

Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) 496-5000

Original
Ticket# 346501

Customer Name RUSSODEVELOPMENT-10647INY RDS
Ticket Date 01/23/2012
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 100
Destination
PO
Profile 100471NY (SOIL CUTTINGS)
Generator 190-NYSDECEASTAURORA NYSDEC

Carrier PRICE PRICE TRUCKING
Vehicle# 4000
Volume
Container
Driver
Check#
Billing # 9002199
Gen EPA ID NOT REQUIRED

	Time	Scale	Operator	Inbound		
In	01/23/2012 12:00:53	INBOUND	tsouter		Gross	36800 lb
Out	01/23/2012 12:19:43	OUTBOUND	tsouter		Tare	35800 lb
					Net	1000 lb
					Tons	0.50

Comments 586 MAIN ST

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Cont Soil RCG-Tons	100	0.50	Tons				ERI
2	FUEL-Fuel Surcharg	100		%				ERI
3	EVF-P-Standard Env	100		%				ERI

Total Fees
Total Ticket

Driver's Signature ______________________ 3FS-1500

403WM

WASTE MANAGEMENT

36669

Chaffee LF
10860 Olean Rd
Chaffee, NY, 14030
Ph: (716) [illegible]-5000

Original
Ticket# [illegible]

Customer Name [illegible] Carrier [illegible]
Ticket Date 05/14/2012 Vehicle# [illegible] Volume
Payment Type Credit Account Container
Manual Ticket# Driver
Hauling Ticket# Check#
Route Billing # [illegible]
State Waste Code Gen EPA ID
Manifest 506 MAIN ST
Destination
PO
Profile ()
Generator

	Time	Scale	Operator	Inbound		
In	05/14/2012 13:01:53	INBOUND	SUSAN		Gross	38360 lb
Out	05/14/2012 13:24:12	OUTBOUND	SUSAN		Tare	36720 lb
					Net	1640 lb
					Tons	0.82

Comment: 506 MAIN ST
REJED AB COVER HAD CARDBOARD, PAPER, PLASTIC

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 NEWT-MSW TONS	100	0.82	Tons				[illegible]

Total Tax
Total Ticket

Driver's Signature [signature] 366-1515

403WM

4T 2001

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number
	1		

5. Generator's Name and Mailing Address: New York State Department of Environmental Conservation, Albany, New York

Generator's Site Address (if different than mailing address): [illegible]

Generator's Phone: (518-402-9658)

6. Transporter 1 Company Name: [illegible] Trucking, Inc. — U.S. EPA ID Number: 9A-025

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Chaffee Landfill Route 16, Chaffee, NY — U.S. EPA ID Number

Facility's Phone: (716) 492-3480

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. Chlorinated Impacted Soil	1 rolloff	T	[illegible]	Tons
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information

Profile # 10847INY

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Thomas Palmer on behalf of NYSDEC — Signature: [signature] on behalf of NYSDEC — Month 5 Day [illegible] Year 12

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] Zikiv — Signature: [signature] — Month 5 Day [illegible] Year 12

Transporter 2 Printed/Typed Name — Signature — Month 5 Day [illegible] Year 12

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [signature] — Signature: [signature] — #35599 — Month 5 Day [illegible] Year 12

169-BLC-O 5 11977 (Rev. 9/09) TRANSPORTER #1

WASTE MANAGEMENT

Customer Name:
Ticket Date:
Payment Type:
Manual Tickets:
Hauling Tickets:
Route:
State Waste Code:
Manifest:
Destination:
PO:
Profile:
Generator:

	Time	Scale	Operator	Inbound	Gross	
In	05/14/2012	INBOUND	SUSAN		Tare	
Out	05/14/2012	OUTBOUND	SUSAN		Net	
					Tons	

Comments:

	Product	UM	Qty	UOM	Rate	Fee	Manual	Origin
1				Tons				ENV
2	FUEL-Fuel Surcharge			%				SRT
3	ENF-P-Standard			%				ENT

Total Fee:
Total Ticket:

Driver's Signature: IAN ZUKU

WEB-1515

403WM

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: 480-14674-1
Client Project/Site: NYSDEC - Mr. C's #

For:
Groundwater & Environmental Services Inc
158 Sonwil Drive
Cheektowaga, New York 14225

Attn: Steven Leitten

Authorized for release by:
1/9/2012 1:41:37 PM

Brian Fischer
Project Manager II
brian.fischer@testamericainc.com

Table of Contents

Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's #

TestAmerica Job ID: 480-14674-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
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: 480-14674-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-14674-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The matrix spike duplicate (MSD) recoveries for batch 47083 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 47048 exceeded control limits for multiple analytes. The recoveries were within quality control acceptance limits, therefore the data has been qualified and reported.

Method(s) 8270C: The laboratory control sample duplicate (LCSD) for preparation batch 47048 exceeded control limits for multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's #

TestAmerica Job ID: 480-14674-1

Client Sample ID: DISPOSAL 1
Date Collected: 01/05/12 13:55
Date Received: 01/06/12 07:55

Lab Sample ID: 480-14674-1
Matrix: Solid
Percent Solids: 66.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.5	0.55	ug/Kg	☼		01/06/12 19:20	1
1,1,2,2-Tetrachloroethane	ND		7.5	1.2	ug/Kg	☼		01/06/12 19:20	1
1,1,2-Trichloroethane	ND		7.5	0.98	ug/Kg	☼		01/06/12 19:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.5	1.7	ug/Kg	☼		01/06/12 19:20	1
1,1-Dichloroethane	ND		7.5	0.92	ug/Kg	☼		01/06/12 19:20	1
1,1-Dichloroethene	ND		7.5	0.92	ug/Kg	☼		01/06/12 19:20	1
1,2,4-Trichlorobenzene	ND		7.5	0.46	ug/Kg	☼		01/06/12 19:20	1
1,2-Dibromo-3-Chloropropane	ND		7.5	3.8	ug/Kg	☼		01/06/12 19:20	1
1,2-Dibromoethane	ND		7.5	0.97	ug/Kg	☼		01/06/12 19:20	1
1,2-Dichlorobenzene	ND		7.5	0.59	ug/Kg	☼		01/06/12 19:20	1
1,2-Dichloroethane	ND		7.5	0.38	ug/Kg	☼		01/06/12 19:20	1
1,2-Dichloropropane	ND		7.5	3.8	ug/Kg	☼		01/06/12 19:20	1
1,3-Dichlorobenzene	ND		7.5	0.39	ug/Kg	☼		01/06/12 19:20	1
1,4-Dichlorobenzene	ND		7.5	1.1	ug/Kg	☼		01/06/12 19:20	1
2-Hexanone	ND		38	3.8	ug/Kg	☼		01/06/12 19:20	1
2-Butanone (MEK)	ND		38	2.8	ug/Kg	☼		01/06/12 19:20	1
4-Methyl-2-pentanone (MIBK)	ND		38	2.5	ug/Kg	☼		01/06/12 19:20	1
Acetone	**6.9**	**J**	38	6.3	ug/Kg	☼		01/06/12 19:20	1
Benzene	ND		7.5	0.37	ug/Kg	☼		01/06/12 19:20	1
Bromodichloromethane	ND		7.5	1.0	ug/Kg	☼		01/06/12 19:20	1
Bromoform	ND		7.5	3.8	ug/Kg	☼		01/06/12 19:20	1
Bromomethane	ND		7.5	0.68	ug/Kg	☼		01/06/12 19:20	1
Carbon disulfide	ND		7.5	3.8	ug/Kg	☼		01/06/12 19:20	1
Carbon tetrachloride	ND		7.5	0.73	ug/Kg	☼		01/06/12 19:20	1
Chlorobenzene	ND		7.5	0.99	ug/Kg	☼		01/06/12 19:20	1
Dibromochloromethane	ND		7.5	0.96	ug/Kg	☼		01/06/12 19:20	1
Chloroethane	ND		7.5	1.7	ug/Kg	☼		01/06/12 19:20	1
Chloroform	ND		7.5	0.46	ug/Kg	☼		01/06/12 19:20	1
Chloromethane	ND		7.5	0.45	ug/Kg	☼		01/06/12 19:20	1
cis-1,2-Dichloroethene	ND		7.5	0.96	ug/Kg	☼		01/06/12 19:20	1
cis-1,3-Dichloropropene	ND		7.5	1.1	ug/Kg	☼		01/06/12 19:20	1
Cyclohexane	ND		7.5	1.1	ug/Kg	☼		01/06/12 19:20	1
Dichlorodifluoromethane	ND		7.5	0.62	ug/Kg	☼		01/06/12 19:20	1
Ethylbenzene	ND		7.5	0.52	ug/Kg	☼		01/06/12 19:20	1
Isopropylbenzene	ND		7.5	1.1	ug/Kg	☼		01/06/12 19:20	1
Methyl acetate	ND		7.5	1.4	ug/Kg	☼		01/06/12 19:20	1
Methyl tert-butyl ether	ND		7.5	0.74	ug/Kg	☼		01/06/12 19:20	1
Methylcyclohexane	ND		7.5	1.1	ug/Kg	☼		01/06/12 19:20	1
Methylene Chloride	**3.8**	**J**	7.5	3.5	ug/Kg	☼		01/06/12 19:20	1
Styrene	ND		7.5	0.38	ug/Kg	☼		01/06/12 19:20	1
Tetrachloroethene	ND		7.5	1.0	ug/Kg	☼		01/06/12 19:20	1
Toluene	ND		7.5	0.57	ug/Kg	☼		01/06/12 19:20	1
trans-1,2-Dichloroethene	ND		7.5	0.78	ug/Kg	☼		01/06/12 19:20	1
trans-1,3-Dichloropropene	ND		7.5	3.3	ug/Kg	☼		01/06/12 19:20	1
Trichloroethene	ND		7.5	1.7	ug/Kg	☼		01/06/12 19:20	1
Trichlorofluoromethane	ND		7.5	0.71	ug/Kg	☼		01/06/12 19:20	1
Vinyl chloride	ND		7.5	0.92	ug/Kg	☼		01/06/12 19:20	1
Xylenes, Total	ND		15	1.3	ug/Kg	☼		01/06/12 19:20	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's #

TestAmerica Job ID: 480-14674-1

Client Sample ID: DISPOSAL 1
Date Collected: 01/05/12 13:55
Date Received: 01/06/12 07:55

Lab Sample ID: 480-14674-1
Matrix: Solid
Percent Solids: 66.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*123*		*64 - 126*		*01/06/12 19:20*	*1*
Toluene-d8 (Surr)	*98*		*71 - 125*		*01/06/12 19:20*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*		*01/06/12 19:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		260	16	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
bis (2-chloroisopropyl) ether	ND		260	26	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2,4,5-Trichlorophenol	ND		260	55	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2,4,6-Trichlorophenol	ND		260	17	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2,4-Dichlorophenol	ND		260	13	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2,4-Dimethylphenol	ND		260	68	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2,4-Dinitrophenol	ND		500	89	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2,4-Dinitrotoluene	ND		260	39	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2,6-Dinitrotoluene	ND		260	62	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2-Chloronaphthalene	ND		260	17	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2-Chlorophenol	ND		260	13	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2-Methylnaphthalene	ND		260	3.1	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2-Methylphenol	ND		260	7.8	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2-Nitroaniline	ND		500	81	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
2-Nitrophenol	ND		260	12	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
3,3'-Dichlorobenzidine	ND		260	220	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
3-Nitroaniline	ND		500	58	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
4,6-Dinitro-2-methylphenol	ND		500	88	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
4-Bromophenyl phenyl ether	ND		260	81	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
4-Chloro-3-methylphenol	ND		260	10	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
4-Chloroaniline	ND		260	74	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
4-Chlorophenyl phenyl ether	ND		260	5.4	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
4-Methylphenol	ND		500	14	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
4-Nitroaniline	ND		500	28	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
4-Nitrophenol	ND		500	61	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Acenaphthene	ND		260	3.0	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Acenaphthylene	ND		260	2.1	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Acetophenone	ND		260	13	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Anthracene	**29**	**J ***	260	6.5	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Atrazine	ND	*	260	11	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Benzaldehyde	ND	*	260	28	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Benzo(a)anthracene	ND	*	260	4.4	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Benzo(a)pyrene	**51**	**J**	260	6.1	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Benzo(b)fluoranthene	**78**	**J ***	260	4.9	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Benzo(g,h,i)perylene	**45**	**J**	260	3.0	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Benzo(k)fluoranthene	**28**	**J**	260	2.8	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Bis(2-chloroethoxy)methane	ND		260	14	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Bis(2-chloroethyl)ether	ND		260	22	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Bis(2-ethylhexyl) phthalate	ND	*	260	82	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Butyl benzyl phthalate	ND	*	260	68	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Caprolactam	ND		260	110	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Carbazole	ND		260	2.9	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Chrysene	**61**	**J**	260	2.5	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Di-n-butyl phthalate	ND		260	88	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Di-n-octyl phthalate	ND		260	5.9	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's #

TestAmerica Job ID: 480-14674-1

Client Sample ID: DISPOSAL 1
Date Collected: 01/05/12 13:55
Date Received: 01/06/12 07:55

Lab Sample ID: 480-14674-1
Matrix: Solid
Percent Solids: 66.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		260	3.0	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Dibenzofuran	ND		260	2.6	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Diethyl phthalate	ND		260	7.7	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Dimethyl phthalate	ND		260	6.6	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Fluoranthene	**61**	**J**	260	3.7	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Fluorene	ND		260	5.8	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Hexachlorobenzene	ND		260	13	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Hexachlorobutadiene	ND		260	13	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Hexachlorocyclopentadiene	ND		260	77	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Hexachloroethane	ND		260	20	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Indeno(1,2,3-cd)pyrene	**38**	**J**	260	7.0	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Isophorone	ND		260	13	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
N-Nitrosodi-n-propylamine	ND		260	20	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
N-Nitrosodiphenylamine	ND		260	14	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Naphthalene	ND		260	4.2	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Nitrobenzene	ND		260	11	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Pentachlorophenol	ND		500	87	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Phenanthrene	**10**	**J**	260	5.3	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Phenol	ND		260	27	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1
Pyrene	**96**	**J**	260	1.6	ug/Kg	☼	01/06/12 08:50	01/06/12 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*39 - 146*	*01/06/12 08:50*	*01/06/12 17:42*	*1*
2-Fluorobiphenyl	*101*		*37 - 120*	*01/06/12 08:50*	*01/06/12 17:42*	*1*
2-Fluorophenol	*71*		*18 - 120*	*01/06/12 08:50*	*01/06/12 17:42*	*1*
Nitrobenzene-d5	*90*		*34 - 132*	*01/06/12 08:50*	*01/06/12 17:42*	*1*
p-Terphenyl-d14	*119*		*65 - 153*	*01/06/12 08:50*	*01/06/12 17:42*	*1*
Phenol-d5	*89*		*11 - 120*	*01/06/12 08:50*	*01/06/12 17:42*	*1*

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's #

TestAmerica Job ID: 480-14674-1

Client Sample ID: DISPOSAL 1
Date Collected: 01/05/12 13:55
Date Received: 01/06/12 07:55

Lab Sample ID: 480-14674-1
Matrix: Solid
Percent Solids: 66.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	47083	01/06/12 19:20	CDC	TAL BUF
Total/NA	Prep	3550B			47048	01/06/12 08:50	CM	TAL BUF
Total/NA	Analysis	8270C		1	47092	01/06/12 17:42	RMM	TAL BUF
Total/NA	Analysis	Moisture		1	47154	01/06/12 15:00	ZLR	TAL BUF

Laboratory References:

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

Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's #

TestAmerica Job ID: 480-14674-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	USDA		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's #

TestAmerica Job ID: 480-14674-1

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

Protocol References:

EPA = US Environmental Protection Agency

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: Groundwater & Environmental Services Inc
Project/Site: NYSDEC - Mr. C's #

TestAmerica Job ID: 480-14674-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-14674-1	DISPOSAL 1	Solid	01/05/12 13:55	01/06/12 07:55

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Consultant Name:	GES	TA Account #:	PO#:
Address:	158 Starrett Drive	Invoice To:	As per account number
City/State/Zip:	Cheektowaga, NY 14225	Report To:	Steve Leitten (sleitten@gesonline.com)
DEC Project Mgr:	Will Welling	Project Name:	NYSDEC Mr. C's
Consultant Project Mgr:	Steve Leitten	Retail # (MRN #):	
		Major Project (AFE#):	NYSDEC Mr. C's
Consultant Telephone Number:	800-287-7857 Fax No.: 716-785-0076	Site Address:	590 Main Street
Sampler Name: (Print)	Nicole Jarzynecki	City, State, Zip:	East Aurora, NY
Sampler Signature:		Regulatory District (CA)	

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Unpres.	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: Full List 8260	Full List 8270	RUSH TAT (Pre-schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
Disposal 1	1-5-12	1355	2		X									X					X		X	X		24hr		

Comments/Special Instructions:

24 HR TA

Laboratory Comments:

Temperature Upon Receipt:

Sample Containers Intact? Y N

VOCs Free of Headspace? Y N

QC Deliverables (please circle one)

Level 2 Level 3 Level 4 Other

Relinquished by:	Date	Time	Received by:	Date	Time
	1-5-12	1530		1-6-12	07:30
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	1-6-12	07:55		1/6/12	755

4.1 #1

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-14674-1

Login Number: 14674

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

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

APPENDIX F

Survey Data

Clear Creek Land Surveying, LLC

Field Work Completed May 31, 2012

Monitoring Wells Locations for **Mr. C's Dry Cleaners, East Aurora, NY**
Work completed for **GES** per the request of Eric Popken

Vertical Datum: North American Vertical Datum of 1988 NGS PID NC0508 Elevation 916.12
Horizontal Control: New York State Plane Coordinate System, Zone West NAD83 (96CORS) EPOCH 2002.00 GPS Observation

Vertical and Horizontal Control provided By Clear Creek Land Surveying, LLC

Monitoring Well Data						
Designation	**Northing**	**Easting**	**Case Elevation**	**Riser Elevation**	**Ground Elevation**	**Pnt No.**
MPI-13B-R	1009063.59	1139779.59	913.21	912.69	913.2	105
MPI-14B-R	1009039.96	1139941.28	913.98	913.71	914.0	106
ESI-5-R	1008162.00	1140146.65	912.48	912.19	912.5	108
MPI-7I-R	1008537.71	1140294.84	915.84	915.44	915.8	111
EE-4	1008726.94	1140212.13	916.92	916.69	916.9	115
ESI-2-R	1008739.35	1140418.33	917.71	917.44	917.7	116
MW-11	1008565.98	1140177.64	914.39	914.08	914.4	118
MPI-8S-R	1008771.32	1140064.97	914.48	913.96	914.5	123
MPI-2S-R	1008365.76	1140310.44	915.87	915.63	915.9	125
EE-3	1008457.12	1139994.78	914.89	914.64	914.9	126
MPI-9S-R	1008923.50	1140066.68	914.03	913.38	914.0	128
MPI-15B	1008815.15	1139566.43	913.72	913.37	913.7	129

Decomissioned Monitoring Well Data			
Designation	**Northing**	**Easting**	**Pnt No.**
MPI-2S	1008362.27	1140310.82	109
MPI-8S	1008767.18	1140065.32	124
MPI-4D	1008609.73	1140040.12	130

Job No. 12-029-0L

*Revised July 27, 2012: Decomissioned Monitoring Wells Info Shown

View of augering in the location of MPI-7-R.

Preparing to abandon MPI-4D.

View of augering in location of MPI-14B-R.

View of MPI-2S abandonment location (square patch) and MPI-2S-R prior to building well pad.

Completed MPI-14B-R well pad.

Jack hammering MPI-8S-R location through concrete in preparation to hand clear.

Hand cleared borehole for MPI-9S-R.

Hammering out road box ring for MPI-14B in preparation for abandonment.

Grout mixture in MPI-14B for abandonment.

View of augering MPI-13B-R.

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 11/12/11 - 12/16/11

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora

Description of Work Performed:

S. Leitten - Workplan preparation, meeting with E&E and DEC followed by site walk with drillers.

Work Date: 11/18/2011

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-11 Geologist	Steven Leitten						2.00			
L-11 Geologist	Steven Leitten		800	1300			5.00			
LVE - Low Value Equipment	Steven Leitten		800	1300						5.00

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		800	1300		5.00	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 11/12/11 - 12/16/11

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora

Description of Work Performed:

S. Leitten - Communications with E&E. Work on shop drawings, onsite for project kick-off site visit.

N. Jarzyniecki - Onsite for well upgrade.

Work Date: 12/12/2011

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-19 Project Manager	Steven Leitten						1.25			
L-11 Geologist	Nicole Jarzyniecki	645	800	1630	1715		8.00	1.50		
LVE - Low Value Equipment	Nicole Jarzyniecki		800	1630						8.50
L-19 Project Manager	Steven Leitten	730	800	845	915		1.75			
LVE - Low Value Equipment	Steven Leitten		800	845						0.75

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		645	1715		9.50	
E-002 Light Duty Vehicles ≤ 1 Ton		730	915		1.75	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 11/12/11 - 12/16/11

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora

Description of Work Performed:

S. Leitten - Project review of site.

N. Jarzyniecki - Onsite for well upgrade.

M. Naber - Review UFPO tickets for 12 properties.

Work Date: 12/13/2011

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-19 Project Manager	Steven Leitten						0.75			
L-11 Geologist	Nicole Jarzyniecki	700	745	1430	1600		8.00	1.00		
LVE - Low Value Equipment	Nicole Jarzyniecki		745	1430						6.75
L-2 Data Processor	Michelle Naber						0.50			

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		700	1600		9.00	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 11/12/11 - 12/16/11

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora

Description of Work Performed:

S. Leitten - Work on shop drawings.

N. Jarzyniecki - Onsite for well install and well abandonment. Install MPI7IR and abandon MPI7I.

Work Date: 12/14/2011

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-19 Project Manager	Steven Leitten						0.50			
L-11 Geologist	Nicole Jarzyniecki	700	800	1630	1715		8.00	2.25		
LVE - Low Value Equipment	Nicole Jarzyniecki		800	1630						8.50

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		700	1715		10.25	
E-055 Photo-Ionization Detector w/ calibrator		800	1630		8.50	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 11/12/11 - 12/16/11

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora

Description of Work Performed:

S. Leitten - Project review of site.

N. Jarzyniecki - Onsite to install EE4 (15' sampled) and ESI2R (19', no sample), overdrill top 5' of MPI7I and grout to finish abandon.

Work Date: 12/15/2011

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-19 Project Manager	Steven Leitten						0.50			
L-11 Geologist	Nicole Jarzyniecki	700	745	1700	1745		8.00	2.75		
LVE - Low Value Equipment	Nicole Jarzyniecki		745	1700						9.25

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		700	1745		10.75	
E-055 Photo-Ionization Detector w/ calibrator		745	1700		9.25	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 11/12/11 - 12/16/11

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora

Description of Work Performed:

S. Leitten - Project review of site.

N. Jarzyniecki - Onsite to install EE3 (drill to 28', sampled), completed grout and well pad of ESI 2B, EE4 well pad, concrete patch MPI7I.

T. Palmer - Transition meeting with project manager and case manager, review call-out.

Work Date: 12/16/2011

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-19 Project Manager	Steven Leitten						0.50			
L-11 Geologist	Nicole Jarzyniecki	700	800	1630	1800		8.00	3.00		
LVE - Low Value Equipment	Nicole Jarzyniecki		800	1630						8.50
L-11 Geologist	Thomas Palmer						1.00			

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		700	1800		11.00	
E-055 Photo-Ionization Detector w/ calibrator		800	1630		8.50	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 12/17/11 - 01/13/12

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora

Description of Work Performed:

T. Palmer - Well install and abandonment.

Work Date: 12/19/2011

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-11 Geologist	Thomas Palmer	645	745	1715	1745	0.25	8.00	2.75		
LVE - Low Value Equipment	Thomas Palmer		745	1715		0.25				9.25

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		645	1745	0.25	10.75	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 12/17/11 - 01/13/12

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora

Description of Work Performed:

S. Leitten - Discussions with client and site coordination.

T. Palmer - Well install and abandonment.

Work Date: 12/20/2011

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-19 Project Manager	Steven Leitten						1.00			
L-11 Geologist	Thomas Palmer	715	745	1330	1415		7.00			
LVE - Low Value Equipment	Thomas Palmer		745	1330						5.75

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		715	1415		7.00	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 12/17/11 - 01/13/12

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora
Description of Work Performed:
N. Jarzyniecki - Collect soil sample.

Work Date: 1/5/2012

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-11 Geologist	Nicole Jarzyniecki	1245	1345	1415	1500		2.25			
LVE - Low Value Equipment	Nicole Jarzyniecki		1345	1415						0.50

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		1245	1500		2.25	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 01/14/12 - 02/10/12

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora

Description of Work Performed:

S. Leitten - Office support for well development and waste disposal.

T. Palmer - Onsite for well development.

J. Siniscalchi - Onsite for well development.

Work Date: 1/23/2012

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-19 Project Manager	Steven Leitten	0800			0845		0.75			
L-11 Geologist	Thomas Palmer	715	845	1645	1730	0.25	8.00	2.00		
LVE - Low Value Equipment	Thomas Palmer		845	1645		0.25				7.75
L-12 Hydrogeologist	Jennifer Siniscalchi	745	845	1645	1730	0.25	8.00	1.50		
LVE - Low Value Equipment	Jennifer Siniscalchi		845	1645		0.25				7.75

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		715	1730	0.25	10.00	
E-054 Sonic Interface		845	1645	0.25	7.75	
E-078 Mulitparameter Probe (In-Situ Troll 9500 or equiv)		845	1645	0.25	7.75	
E-060 Sumbersible Pump ≤ 5 hp		845	1645	0.25	7.75	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 01/14/12 - 02/10/12

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora

Description of Work Performed:

S. Leitten - Project review.

T. Palmer - Onsite for well development.

J. Siniscalchi - Onsite for well development.

Work Date: 1/24/2012

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-19 Project Manager	Steven Leitten	1300			1330		0.50			
L-11 Geologist	Thomas Palmer	645	745	1545	1630	0.25	8.00	1.50		
LVE - Low Value Equipment	Thomas Palmer		745	1545		0.25				7.75
L-12 Hydrogeologist	Jennifer Siniscalchi	645	745	1545	1630	0.25	8.00	1.50		
LVE - Low Value Equipment	Jennifer Siniscalchi		745	1545						7.75

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		645	1630	0.25	9.50	
E-054 Sonic Interface		745	1545	0.25	7.75	
E-078 Mulitparameter Probe (In-Situ Troll 9500 or equiv)		745	1545	0.25	7.75	
E-060 Sumbersible Pump ≤ 5 hp		745	1545	0.25	7.75	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 04/01/12 - 05/11/12

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora
Description of Work Performed:
N. Jarzyniecki - Onsite for well upgrades.

Work Date: 5/2/2012

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-11 Geologist	Nicole Jarzyniecki	0730	0830	1615	1730	0.50	8.00	1.50		
LVE - Low Value Equipment	Nicole Jarzyniecki		0830	1615		0.50				7.25

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		0730	1730	0.50	9.50	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 04/01/12 - 05/11/12

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora
Description of Work Performed:
N. Jarzyniecki - Onsite for well upgrades.

Work Date: 5/3/2012

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-11 Geologist	Nicole Jarzyniecki	0715	0800	1630	1730	0.50	8.00	1.75		
LVE - Low Value Equipment	Nicole Jarzyniecki		0800	1630		0.50				8.00

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		0715	1730	0.50	9.75	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 04/01/12 - 05/11/12

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora
Description of Work Performed:
N. Jarzyniecki - Onsite for well upgrades.

Work Date: 5/4/2012

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-11 Geologist	Nicole Jarzyniecki	0715	0800	1615	1645	0.50	8.00	1.50		
LVE - Low Value Equipment	Nicole Jarzyniecki		0800	1515		0.50				7.75

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		0715	1645	0.50	9.50	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 04/01/12 - 05/11/12

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora
Description of Work Performed:
T. Palmer - Onsite for well install.

Work Date: 5/7/2012

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-12 Hydrogeologist	Thomas Palmer	0700	0800	1745	1815	0.25	8.00	3.00		
LVE - Low Value Equipment	Thomas Palmer		0800	1745						9.50

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		0700	1815	0.25	11.00	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 04/01/12 - 05/11/12

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora
Description of Work Performed:
T. Palmer - Onsite for well install.

Work Date: 5/8/2012

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-12 Hydrogeologist	Thomas Palmer	0730	0800	1815	1900	0.25	8.00	3.25		
LVE - Low Value Equipment	Thomas Palmer		0800	1815						10.00

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		0730	1900	0.25	11.25	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost

Groundwater & Environmental Services, Inc.
158 Sonwil Drive
Cheektowaga, New York 14225

Remedial
Version 10/01/10

Contract #: C100900
Invoice #:

Spill/Site#: 915157
PIN:

GES Project #09-01467

Work Period: 5/12/12 - 6/15/12

Site Name: Mr. C's Dry Cleaners, 586 Main Street, East Aurora

Description of Work Performed:

J. Siniscalchi - Onsite for well development of four wells (ESI-5R, ESI-8S-R, ESI-13B-R, and ESI-9S-R).

T. Palmer - Onsite for well development of four wells (ESI-5R, ESI-8S-R, ESI-13B-R, and ESI-9S-R).

S. Leitten - Coordination for well development/surveying.

Work Date: 5/24/2012

Overtime approved by: _____, DEC PM

Labor and LVE:

Contract Item # Job Title	Employee Name	Start Time	Site Arrival Time	Site Departure Time	End Time	Break/ Off # Hours	Total Straight Time	Total Over time	Total Double Time	LVE
L-12 Hydrogeologist	Jennifer Siniscalchi	0730	0830	1600	1700	0.50	8.00	1.00		
LVE - Low Value Equipment	Jennifer Siniscalchi		0830	1600		0.50				7.00
L-12 Hydrogeologist	Thomas Palmer	0730	0830	1600	1700	0.50	8.00	1.00		
LVE - Low Value Equipment	Thomas Palmer		0830	1600		0.50				7.00
L-19 Project Manager	Steve Leitten	1100			1200		1.00			

Equipment and Materials:

Contract Item # Description	Contractor Equipment #	Start Time (Equip)	End Time (Equip)	Break/ Off Time (Equip)	Total Equip Hours	Total # of Units for Materials
E-002 Light Duty Vehicles ≤ 1 Ton		0730	1700	0.50	9.00	
E-054 Sonic Interface		0830	1600	0.50	7.00	
E-078 Mulitparameter Probe (In-Situ Troll 9500 or equiv)		0830	1600	0.50	7.00	
E-060 Sumbersible Pump ≤ 5 hp		0830	1600	0.50	7.00	

Travel/Per Diem/Subcontractor/Receipted Costs/Non-Contract Items

Subcontractor/Vendor Name and Description	# of Units	Unit/ Lump Sum Cost	Total Cost