

December 5, 2013

Mr. Brian Sadowski, Project Manager
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

RE: Iroquois Gas/Westwood Pharmaceuticals Site
100 Forest Avenue, Buffalo, New York 14213
Site No. 9-15-141A
Supplemental Investigation Report

Dear Mr. Sadowski:

On behalf of Bristol-Myers Squibb Company (BMS), Groundwater & Environmental Services, Inc. (GES) is submitting the attached *Supplemental Investigation Report*. This report documents the field work completed and data collected as specified in the *Amended Supplemental Investigation Work Plan* dated July 2013, and subsequently approved by the New York State Department of Environmental Conservation (NYSDEC) in a letter dated August 15, 2013. This report satisfies the project goals as outlined in Section 3 of the *Amended Supplemental Investigation Work Plan* dated July 2013. The purpose of this work was to investigate current site conditions related to the groundwater conditions discovered in site seeps. As noted in Section 3.3 of the work plan, on behalf of BMS, GES requests a meeting with NYSDEC to discuss the results presented in this report. Please feel free to contact the undersigned at (800) 287-7857 at your earliest convenience to schedule a meeting.

Thank you.

Regards,



Steven Leitten
Senior Project Manager

cc: Glenn May, CPG, NYSDEC
Dan Darragh, Buchanan Ingersoll, via email: ddarragh@cohenlaw.com
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Supplemental Investigation Report

**IROQUOIS GAS/WESTWOOD PHARMACEUTICAL
100 Forest Avenue
Buffalo, New York
(NYSDEC Site No. 9-15-141A)**

SUBMITTED TO:



**NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL
REMEDiation**

SUBMITTED BY:

BRISTOL-MYERS SQUIBB COMPANY

PREPARED BY:



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December 2013

TABLE OF CONTENTS

EXECUTIVE SUMMARY	E-1
SECTION 1 BACKGROUND	1-1
1.1 Background.....	1-1
SECTION 2 FIELD WORK	2-1
2.1 Weather Station Installation	2-1
2.2 Well Development.....	2-1
2.3 Updated Site Survey	2-1
2.4 Evaluation of Current Site Conditions	2-2
2.5 Creek Inspections	2-2
2.6 System Pumping Test	2-2
2.6.1 <i>Pre-Testing</i>	2-2
2.6.2 <i>Pumping Tests</i>	2-3
2.7 Monitored System Re-start.....	2-3
2.8 Additional Synoptic Liquid Level Gauging Event.....	2-4
SECTION 3 CONCLUSIONS AND RECOMMENDATIONS.....	3-1
3.1 Updated Site Survey	3-1
3.2 Nature and Extent of Impacts	3-1
3.3 Evaluation of Current Site Conditions	3-1
3.4 Creek Inspections	3-2
3.5 System Pumping Test	3-3
3.6 Pumping Test Groundwater Sampling	3-4
3.7 Monitored System Re-start.....	3-4
3.8 Additional Synoptic Liquid Level Gauging Event.....	3-4

3.9	Constraints to Consider for Remedial Design.....	3-5
3.10	Recommendations	3-5
SECTION 4 SCHEDULE.....		4-1
4.1	Anticipated Schedule.....	4-1

LIST OF FIGURES

Figure 1.1	Site Map
Figure 2.1	Relative and Cumulative Rainfall August 30 through September 16, 2013
Figure 2.2	Relative and Cumulative Rainfall September 16 through October 4, 2013
Figure 2.3	Groundwater Contour Map September 16, 2013
Figure 2.4	Groundwater Total VOC Isoconcentration Map September 16-17, 2013
Figure 2.5	P6 Pumping Test 9/18/2013
Figure 2.6	P5 Pumping Test 9/19/2013
Figure 2.7	EW8 Pumping Test 9/20/2013 through 9/23/2013
Figure 2.8	EW7 Pumping Test 9/23/2013
Figure 2.9	EW3 Pumping Test 9/24/2013 through 9/25/2013
Figure 2.10	EW5 Pumping Test 9/25/2013
Figure 2.11	EW6 Pumping Test 9/26/2013
Figure 2.12	EW4 Pumping Test 9/27/2013
Figure 2.13	EW8 Pumping Test 9/30/2013
Figure 2.14	Monitored System Re-Start 10/2/2013 through 10/4/2013
Figure 2.15	Groundwater Contour Map October 4, 2013
Figure 2.16	Groundwater Contour Map October 30, 2013

LIST OF TABLES

Table 1.1	Summary of Detected VOCs in Seeps 13 and 32
Table 1.2	Summary of Creek Inspection Results
Table 2.1	Summary of Well Development Activities
Table 2.2	Site Wide Gauging Data September 16, 2013
Table 2.3	Laboratory Analytical Data TCL VOCs via USEPA Method 8260 9/16 - 9/18/2013
Table 2.4	Pre Test Pumping Field Measurements
Table 2.5	Laboratory Analytical Data TCL VOCs via USEPA Method 8260 9/18 - 9/30/2013
Table 2.6	Post System Re-start Gauging Data October 4, 2013
Table 2.7	Site Wide Gauging Data October 30, 2013

LIST OF APPENDICIES

Appendix A	Weather Data - September 13 through October 4, 2013
Appendix B	Laboratory Analytical Data Reports
Appendix C	Creek Inspection Reports

EXECUTIVE SUMMARY

This document comprises a summary of field work consisting of elevation survey data collection, groundwater liquid level data collection, dissolved phase analytical data collection, and a series of pumping and formational response tests conducted over a two week period in September 2013 at the subject site. This work was conducted as part of a New York State Department of Environmental Conservation (NYSDEC)-approved “*Amended Supplemental Investigation Work Plan*” dated July 31, 2013 authored by Groundwater & Environmental Services, Inc. (GES) on behalf of Bristol-Myers Squibb (BMS). The findings suggest that dissolved phase impacts are limited to the northwest portion of the study area and occur in highly variable fill with limited hydraulic yield. Final remedial design will have to consider the physical and logistical challenges presented by the project setting. BMS continues to evaluate these challenges, including the ownership of a land locked area west of the site boundary and east of the creek, as we assess potential remedial design options.

The existing “Pump & Treat” (P&T) system will remain operational while the remedial design options are advanced.

SECTION 1

BACKGROUND

1.1 BACKGROUND

At the request of New York State Department of Environmental Conservation (NYSDEC), National Fuel Gas (NFG) was on-site during the months of August and September, 2011, to stabilize the bank of the Scajaquada Creek which included clearing vegetation from the bank to allow access. On September 8, 2011, NYSDEC was notified by NFG that groundwater with a non-aqueous phase liquid (NAPL) sheen was seeping through a lifting hole in the sheet pile wall. In response, NFG cleaned out the area behind the wall in the area of the lifting hole and filled the void with hydraulic cement.

As a result of the NFG bank work, the sheet pile wall is now accessible for visual inspection and a number of groundwater seeps have been observed. The southernmost seep occurred at Pile #13. The northernmost seep occurred at Pile #32. There was also seeping observed at Pile #30. The locations of these seeps are shown on **Figure 1.1**.

On April 17, 2013, NYSDEC collected a sample from the seeps at Piles 13 and 32 for a total of 2 samples. GES on behalf of Bristol-Myers Squibb (BMS) collected split samples with NYSDEC. The samples were submitted for laboratory analysis of target compound list (TCL) volatile organic compounds (VOCs) via United States Environmental Protection Agency (USEPA) Method 8260. A summary of detected VOCs for the NYSDEC and GES samples (from either seep) is shown in **Table 1.1**.

Based on this information, NYSDEC requested a meeting to discuss potential future actions. This meeting took place on May 9, 2013, at the NYSDEC Region 9 office. The meeting was attended by Greg Sutton, Glenn May and Brian Sadowski of NYSDEC, John Alonzo of de maximis, Inc. (BMS' representative) and Steven Leitten of GES (BMS' consultant). During the meeting, NYSDEC indicated that the recently submitted Periodic Review Report (PRR) would be rejected based on the current site conditions. In the rejection letter, NYSDEC indicated they would reference the May 9th meeting, and request a Work Plan.

In order to more fully understand the nature of the seeps, creek inspections were increased in frequency from monthly to weekly for a period of approximately 2 months. Weekly inspections were initiated the week of May 13, 2013, and continued through the week of July 1, 2013. The frequency of inspections then reverted back to monthly in August 2013.

In order to ensure maximum groundwater recovery by the remedial system, in addition to the routine maintenance of the down-well extraction pumps, all the extraction pumps were removed from the extraction wells and cleaned during the week of May 20, 2013. No mechanical malfunctions were found during cleaning and no significant increases in groundwater/ dense non aqueous phase liquid (DNAPL) recovery have been noted since cleaning the pumps.

During the inspections, if seeps were identified, a qualitative evaluation of the flow rate was completed. Results of these qualitative flow rate estimates are summarized in **Table 1.2**.

Furthermore, additional sampling of the seep water was conducted in order to confirm laboratory analytical results obtained during the April 17, 2013, original sampling event. Samples from Seeps 13 and 32 were collected under similar conditions to the first sample collection event (i.e. within 3 days of a significant rain event) on June 4, 2013. A total of 2 additional sampling events were conducted during dry conditions (i.e. no precipitation for more than 5 days) on June 26 and July 15, 2013. Please note, during the dry sampling events there was insufficient flow from Pile 32 to sample, therefore, the water discharging at Pile 30 was sampled. This sample location is approximately 16 feet south of the Pile 32 sample location. All samples collected were analyzed for TCL VOCs via USEPA Method 8260. A summary of detected compounds from the additional sampling events is shown in **Table 1.1**.

On June 4, 2013, Bristol-Myers received the NYSDEC PRR rejection letter discussed in the May 9, 2013, meeting.

On July 31, 2013, an *Amended Supplemental Investigation Work Plan* was submitted to NYSDEC to satisfy the requirements set forth in the NYSDEC PRR rejection letter.

On August 15, 2013, Bristol-Myers received the formal NYSDEC approval letter of the work scope presented in the *Amended Supplemental Investigation Work Plan*.

This report presents the findings of the work proposed in the *Amended Supplemental Investigation Work Plan*, the purpose of which was to investigate current groundwater/site conditions and assess hydraulic recoveries currently being achieved/achievable by the existing groundwater pump and treat system. This information will be used in the development of a future Corrective Action Plan to mitigate the potential deficiencies that resulted in the rejection of the PRR.

SECTION 2 FIELD WORK

2.1 WEATHER STATION INSTALLATION

On August 30, 2013, a weather station capable of recording rainfall was installed at the site to monitor actual site specific rainfall totals. The weather data from the time of the initial system shut down (i.e., September 13, 2013) through completion of the pumping tests and system re-start (i.e., October 4, 2013) is included as **Appendix A**. **Figure 2.1** shows relative and cumulative rainfall from installation of the weather station to just before initiation of the pre-pumping tests on September 17, 2013. **Figure 2.2** shows relative and cumulative rainfall from just before initiation of the pre-pumping tests to completion of the system re-start on October 4, 2013.

2.2 WELL DEVELOPMENT

In order to ensure good communication between the extraction wells (i.e., EW3 through EW8) and the surrounding formation, and to maximize the groundwater recovery in the extraction wells, well development activities were again performed from August 26 through August 28, 2013. Each extraction well was developed using a drill rig and surge block followed by pumping to remove any fines that may have been drawn into the well from the surging. The surge block was set at the top of the well screen and allowed to sink to the bottom of the well under its own weight. The drill rig was then used to hoist the surge block to the top of the screened interval at which point the surge block was allowed to again sink to the bottom of the well under its own weight. This process was repeated for approximately 15 minutes. Following the surging, the well was pumped dry. Additional surge/pump cycles were completed as needed up to three cycles per well. A summary of the well development activities is shown in **Table 2.1**. There was no significant change in water or DNAPL recovery by the remedial system following the well development.

2.3 UPDATED SITE SURVEY

Due to the importance of accurate water level data to understand the groundwater and surface water interaction, an updated site elevation survey was completed on August 22, 2013, to confirm the elevations for the existing wells/piezometers. During the survey, a point on the sheet pile wall in close proximity to the creek was chosen and clearly marked for future identification. The location and elevation of this point was surveyed and was referenced to the current gauging station. This point was then used to gauge the creek in the vicinity of the remedial system. A rod was affixed perpendicular to the reference point on the sheet pile and extended over the creek to allow for gauging the creek level. A leveling system was affixed to the rod to ensure accurate readings. Finally, the location and elevation of the seep holes in the sheet piling wall were surveyed. A site map showing the newly surveyed points is shown in **Figure 1.1**.

2.4 EVALUATION OF CURRENT SITE CONDITIONS

On Friday September 13, 2013, GES shut down the remediation system to allow the groundwater system to return to nearly static conditions. On Monday September 16, 2013, GES completed a synoptic liquid level gauging event to examine the hydraulic gradients under non-pumping conditions. The groundwater contour map from this gauging event is shown in **Figure 2.3**. Groundwater gauging data is shown in **Table 2.2**. During this event, groundwater samples were collected at all wells to evaluate dissolved phase VOC conditions with the goal of determining the plume chemistry across the site. No-purge sampling via disposable bailers was completed for the extraction wells, as these wells had been pumped continuously in the days prior to the sampling. All other wells were purged of 3 well volumes with a peristaltic pump using dedicated tubing for each well prior to the collection of samples. Samples were collected from the outlet of the pump once three well volumes were removed. Groundwater samples were placed in laboratory supplied bottle ware and submitted to TestAmerica Laboratories Inc. of Amherst, New York (TestAmerica) for analysis of target compound list (TCL) VOCs via USEPA Method 8260. A groundwater isoconcentration map for total VOCs is shown in **Figure 2.4**, laboratory analytical results are shown in **Table 2.3** and the laboratory analytical reports are included in **Appendix B**.

2.5 CREEK INSPECTIONS

At the request of NYSDEC, from September 17 through October 4, 2013, additional creek inspections were performed to evaluate if shutting the system down to complete the testing described below would result in changes in the seeps observed in the past. During the inspections, if seeps were noted, a quantitative evaluation of the seep flow was completed. A summary of the creek inspection results are shown in **Table 1.2**. The additional creek inspection reports are included in **Appendix C**.

2.6 SYSTEM PUMPING TEST

2.6.1 PRE-TESTING

Following the completion of activities described in Sections 2.2, 2.3 and 2.4 above, GES conducted pre-testing to establish the optimum longer term pumping rates for each extraction well and piezometer P5 and P6. Please note testing of well P6 was originally not included in the work plan due to an obstruction in the piezometer that restricts accessibility for a submersible pump. Since this well is in close proximity to Seep 30 and 32, GES utilized an alternative pump (i.e. peristaltic pump) to by-pass the obstruction and allow for pumping data to be collected. The goal of the pre-test was to determine the maximum pumping rate that could be continually sustained in each well proposed for the testing outlined below. To complete the pre-test, testing was initiated at piezometer P5. The pump was operated at a pumping rate of 0.5 gallons per minute (GPM) and the drawdown measured manually at approximate 5 minute intervals with an

interface probe. Pump flow was measured by directing the pump discharge into a calibrated vessel. The volume in the vessel was monitored over time to establish the pumping rate. Please note that based on the results of the P5 pre-test, the initial pumping rate for subsequent testing was reduced to approximately 0.25 GPM. A pre-test was completed at each subsequent pumping well location using the method described above for P5. The pumping rate in each well was decreased until a stable drawdown was achieved. All liquids collected during the pre-testing were placed into the remedial system for treatment. A summary of the pretesting field measurements is shown in **Table 2.4**.

2.6.2 PUMPING TESTS

The objective of the individual well pumping tests was to evaluate the yield/radius of influence for each extraction well and piezometers P5 and P6 over the duration of up to 8 hours. To conduct each test, the extraction well pump was activated at approximately the final average pumping rate identified during the pre-test discussed above. The flow rates, water level and on-going field data were monitored and adjusted as necessary by the supervising hydrogeologist in the field. All recovered groundwater was treated via the existing treatment system. The treatment and discharge of this water was discussed and approved by the Buffalo Sewer Authority (BSA) prior to initiation of the testing.

Drawdown in the extraction well and the 4 closest wells during each test was monitored continuously using pressure transducers. Manual well gauging was conducted at each well fitted with a transducer every 30 minutes during testing to confirm transducer data. Manual gauging of the creek was conducted periodically as time permitted. Data collected from the transducers including creek gauging data for the pumping tests are shown in **Figures 2.5 through 2.13**.

During the final hour of testing at each extraction well, the recovered groundwater from the pump outlet was sampled. Samples were placed in laboratory supplied bottle ware and submitted to TestAmerica for analysis of TCL VOCs via USEPA Method 8260. Laboratory analytical data is shown in **Table 2.5**. Laboratory analytical data reports are included in **Appendix B**.

2.7 MONITORED SYSTEM RE-START

When all single well pumping tests were complete on September 30, 2013, the remedial system was left off for one day to allow the groundwater system to return to nearly static conditions. Pressure transducers were placed in wells P2 through P6 to continuously record liquid levels for a 2 day period. Based on the data from the pumping tests, 4 additional pressure transducers were placed in wells B7, B8, PF2 and PF3. At approximately 10 AM on October 2, 2013, the remediation system was restarted and the influence on groundwater elevation was monitored for approximately 2 days. The creek gauging station was monitored approximately every 4 hours while GES was on site. Following the completion of system re-start monitoring on October 4, 2013, the pressure transducers were removed and the system was left to operate as normal. Data collected from the transducers including manual creek gauging data for the monitored system re-start is shown in **Figure 2.14**. The groundwater elevation contours at the

conclusion of the monitored system re-start is shown in **Figure 2.15**. A summary of liquid levels at the conclusion of the monitored system re-start is shown in **Table 2.6**.

2.8 ADDITIONAL SYNOPTIC LIQUID LEVEL GAUGING EVENT

Based on the data collected during the pumping tests and monitored system re-start, GES conducted another synoptic liquid level gauging event on October 30, 2013, to examine the hydraulic gradients under long term pumping conditions. The groundwater elevation contour map from this gauging event is shown in **Figure 2.16**. Groundwater gauging data is shown in **Table 2.7**.

SECTION 3 CONCLUSIONS AND RECOMMENDATIONS

3.1 UPDATED SITE SURVEY

Based on the updated survey on August 22, 2013, and synoptic liquid level gauging event on September 16, 2013, there was a difference of 0.26 feet in creek elevation from the old creek gauging station located on the foot bridge over Scajaquada Creek and the new creek gauging station installed on the sheet pile as shown in **Figure 1.1**. Since we are now able to account for this difference, GES recommends continued use of the footbridge creek gauging station. This location is more reliable and easier to access than the gauging station on the sheet pile. Several concurrent gauging events will be completed twice/month for 3 months, assuming it is safe to do so at the two creek gauging stations in which an average correction factor will be calculated. This correction factor will be applied to future gauging events at the footbridge. If a standard or consistent correlation factor cannot be obtained based on this exercise, then future creek level measurements will continue to be collected at the sheet pile gauging station.

3.2 NATURE AND EXTENT OF IMPACTS

A review of the groundwater dissolved phase data as represented by the total VOC isoconcentration map shown in **Figure 2.4** indicates impacts to groundwater are limited to the northern portion of the site. Data collected during this study, as well as historical data indicate P3 and EW3 constitute the southern extent of groundwater impacts exceeding NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*. Therefore future remedial and containment efforts should focus on the area to the north of P3 and EW3.

The variability of the pumping rates established in the pre-testing phase of the pilot test suggest a heterogeneous subsurface. Previous environmental investigations have confirmed fill material comprises much of the area of concern in the northern portion of the site. Therefore, any future remedial design will need to account for this variability in the subsurface.

A review of the groundwater contour map shown in **Figure 2.3** indicates that the groundwater flow system in the northwest corner of the site is complex. Under static conditions, a southwest ground water gradient is established that indicates groundwater is flowing into the site from the north. Furthermore, GES is not aware of a wing wall along the northern property line associated with the sheet piles that would prevent potential impacts originating on the northern property from migrating south. The groundwater gradients in this area would need to be carefully considered in any future remedial design/implementation.

3.3 EVALUATION OF CURRENT SITE CONDITIONS

A review of the groundwater contour map shown in **Figure 2.3** suggests that in the vicinity of the extraction system after three days of non-pumping conditions there is a residual induced

gradient from the outermost extraction wells (i.e., EW3 and EW8) towards the inner extraction wells (i.e., EW5 and EW6). This suggests the system is somewhat effective in influencing the groundwater gradient on-site. Additionally, it could be concluded the groundwater system reacts slowly to pumping conditions because this effect was apparent up to three days after the system was shut off. As noted above, the pumping data and historic site investigation findings support the conclusion that the subsurface is comprised of heterogeneous fill deposits. The variability of well recovery rates when pumping is ceased further supports this conclusion and will have to be considered in a final design.

A review of the groundwater isoconcentration map shown in **Figure 2.4** indicates the areas of greatest groundwater impact are located in the vicinity of PF6 as well as in the vicinity of PF4, P5 and P6. GES could not locate historical groundwater analytical data for P5 and P6 which are located down gradient of the extraction system and therefore, could not determine if these impacts were present at the time of system installation in 1997.

It should be noted there is a “pinching-in” of the impacts at EW8 and B7. This could be an effect of the inward gradient discussed above whereas impacted groundwater is drawn toward the middle of the extraction system causing clean water to “pinch” in the impacts as shown. This would also suggest the remedial system is somewhat effective in influencing the groundwater gradient on-site.

3.4 CREEK INSPECTIONS

A review of the summary of creek inspection results shown in **Table 1.2** indicates no additional seeping beyond what had been previously observed developed after the system was shut down on September 13, 2013. This is evidenced by the seeps gradually diminishing in flow through September 20, 2013.

There is a sizable increase in the observed seeps on September 23, 2013. This increase follows a significant rain event as shown in **Figure 2.2** in which 3.52 inches of rainfall was recorded from 2:30 AM to 7:30 PM on September 21, 2013. Additionally, the pressure transducers in-place at the conclusion of the pumping test of EW8 on September 20, 2013, (i.e., EW8, EW7, B8, MWF5 and MWF4) were left in-place recording data during this rain event. **Figure 2.7** shows the effect this rain event had on the water levels in these wells. The average rise in water level in these wells from before the rain event to maximum elevation recorded was 1.27 feet. Wells EW-7, EW-8 and B8 appear to have similar response curves that exhibit a relatively quick rise and fall in water elevation when compared to the slower response curves of wells MWF4 and MWF5.

The seep flows were then observed to diminish following the aforementioned rain event until the final inspection on October 4, 2013 when another increase in seep flow was observed. This increase in flow follows a rain event shown in **Figure 2.2** in which 0.81 inches of rainfall was recorded from 10 PM on October 3, 2013 through 3:30 AM on October 4, 2013. This suggests the flows of the observed seeps are closely related to rain events and are not effectively controlled via the on-site extraction system. It should be noted, however, the flows of the seeps located closer to the center of the extraction system (i.e., Seeps 14, 16 and 17) tend to diminish

quicker than the seeps further away (i.e., Seeps 13, 30 and 32) which could be related to the inward groundwater gradient discussed above in Section 3.3.

3.5 SYSTEM PUMPING TEST

In general, very little water was able to be extracted during the pumping tests (i.e., approximately 100 gallons of water per day) as our sustainable pumping rates were between 0.05 and 0.5- gallons per minute (GPM). Additionally, for nearly all the tests, little to no drawdown was recorded in the observation wells (i.e., 0.1 feet or less) with the exception of the EW5 test in which a drawdown of 0.6-feet was observed in B7. Observation wells were generally greater than 20 feet away from the pumping well with the exception of PF2 (located approximately 12 feet from EW-3).

A review of the pre-test pumping data shown in **Table 2.4** indicates sustainable pumping rates for P5 and P6 were approximately 0.06 and 0.03 gallons per minute (GPM) resulting in approximately 5 feet and 2 feet of drawdown respectively. EW8 exhibited a sustainable rate similar to P5 and P6 (i.e., 0.06 GPM) resulting in approximately 6 feet of drawdown. These rates are somewhat lower than the remaining extraction well rates which ranged from 0.125 GPM in wells EW3, EW4 and EW6 to 0.15 GPM in wells EW5 and EW7. These pumping rates resulted in approximately 4 feet, 5 feet, 5 feet, 7 feet and 4 feet of drawdown in wells EW3, EW4, EW5, EW6 and EW7, respectively. The lower pumping rates in P5 and P6 could be attributed to lack of well development. EW8, however, was developed and displayed a similar pumping rate and therefore suggests the heterogeneous nature of the subsurface could account for the difference in pumping rates.

It is of interest that the greatest pumping rates were observed in EW5 and EW7 which are located near the center of the extraction system. The ability to draw more water from these wells could be a contributing factor to the inward gradient discussed in Section 3.3 above.

When reviewing data from the individual pumping tests in **Figures 2.5 through 2.13**, it is apparent that the pumping from the extraction wells had little to no effect on drawdown in the wells monitored during the testing. The first few tests (i.e., P6, P5, EW7 and EW8) were conducted as up-to 8 hour pumping events. Since no significant drawdown was observed in the surrounding monitoring wells, the pumping duration was increased to approximately 29 hours for the EW3 pumping test to evaluate if long term pumping would result in drawdown in the observation wells. During the test, a drawdown in EW3 from static groundwater level of at least 9 feet (or approximately 50% of the aquifer thickness) was maintained for the duration of the test. It was also thought that since EW3 and PF2 were the closest pumping and observation well pair on site (i.e., approximately 12 feet apart), this test would have the greatest chance of producing a drawdown in an observation well. As is evident from the data, no such drawdown was observed.

It can be reasonably concluded from the individual pumping tests that the individual extraction wells in their current configuration have a capture zone of less than 12 feet despite drawdown in the pumping wells of up to 9 feet. This is evidenced by the lack of observed drawdown in PF2 during the pumping test of EW-3. Since these wells were the closest

pumping/observation pair, the capture zone of EW3 (and by extension the remaining EW wells on-site due to similar construction) would be somewhat less than 12 feet. The exception, as mentioned above, is the EW5 test in which a drawdown of 0.6-feet was observed in B7 which is located approximately 40 feet away from EW5. This result is somewhat unique since no drawdown was observed in PF3 located approximately 20 feet from EW-5. This result, however, could be attributed to potential preferential pathways that have developed due to the heterogeneous nature of the soil.

3.6 PUMPING TEST GROUNDWATER SAMPLING

When comparing the VOC concentrations in groundwater collected during the site-wide sampling completed on September 16 through 18, 2013 shown in **Table 2.3** with the VOC concentrations in groundwater collected from the extraction wells at the conclusion of their respective pumping tests shown in **Table 2.5**, no discernable pattern emerges. P6 and EW7 showed the greatest drop in VOC concentrations. The VOC concentrations in EW3, EW4 and EW5 remained approximately the same pre and post pumping. EW6 and EW8 showed an increase in VOC concentrations post pumping. This would suggest wells P6 and EW7 were drawing water from less impacted areas under pumping conditions while EW6 and EW8 were drawing water from more impacted areas under pumping conditions. While these observations are provided for in the data, there is no trend that has to be further investigated or considered in the pending design.

3.7 MONITORED SYSTEM RE-START

A review of the monitored system re-start data shown in **Figure 2.14** suggests there is some drawdown in the observation wells over the course of the monitoring period as a result of the combined pumping of all the extraction wells. This drawdown however is not sufficient to lower the water levels in well P2 through P6 below the creek level which is one of the design criteria for the extraction system. A review of the groundwater elevation contours at the conclusion of the monitored system re-start shown in **Figure 2.15** indicates the overall groundwater gradient remains towards the creek with little to no observed effect from the pumping at the extraction wells.

3.8 ADDITIONAL SYNOPTIC LIQUID LEVEL GAUGING EVENT

A review of the groundwater elevation contours under long term pumping conditions shown in **Figure 2.16** indicates there is no significant change in the groundwater gradient or the lack of an observable effect from the long term pumping at extraction wells when compared to the conditions present at the conclusion of the monitored re-start.

3.9 CONSTRAINTS TO CONSIDER FOR REMEDIAL DESIGN

There are several constraints that will need to be considered during an evaluation of potential remedial options at the site. These include various physical constraints as discussed herein. To the north of the site there is a large building that runs the length of the property. This building is only a few feet north of the property boundary. The site is bounded to the west by the grassy area in which P2 through P6 are installed very close to the top of the creek bank proximal to Scajaquada Creek. As discussed above in section 3.2, remedial efforts to the south are constrained by the monitoring wells (i.e., north of P3 and EW3) that define and bound the limits of impact requiring action. Building 9 and over head utilities as shown on **Figure 1.1** constrains efforts to the east.

In addition to the aforementioned physical constraints, there is at least one significant potential administrative constraint. At this time, it is unknown if there is an owner of record of the grassy area west of the property line near the creek bank. This is the area in which P2 through P6 are installed. This small piece of property does not appear on tax maps of the area and thus an owner of record is not currently known. Therefore, it is not entirely clear as to what Access Agreements may be required or if any construction permits would be necessary to work in this area.

Additionally, the groundwater treatment system components may also play a constraining role as they were designed for the existing recovery technology and methodology. At present the current treatment system has a daily discharge limit of 3,600-gallons per day as set by the discharge permit issued by Buffalo Sewer Authority (BSA). The current treatment system is designed to handle an average recovery and treatment of up to approximately 10 GPM. Throughout the design of the modified remedial solutions, attention will be paid to these constraints and any necessary modification to the discharge permit and or remedial equipment will be identified. Any such modifications may require amendments to the site's BSA discharge permit as well as potential upgrades to the groundwater treatment skid.

3.10 RECOMENDATIONS

Based on the information presented in this report, it is apparent the system extraction wells in their current configuration cannot produce sufficient water to drawdown the water table and to create an inward gradient from Scajaquada Creek. Therefore, GES recommends conducting a remedial alternatives analysis to evaluate various system modifications and/or alternate remedial measures to mitigate the impacted seeps and create sufficient gradient away from the creek. It should be noted, however, that there are several limitations that would inhibit any in-situ option, especially in-situ chemical oxidation (ISCO) treatment. These limitations include the heterogeneous nature of the subsurface, which could lead to preferential pathways and dead zones that would be difficult to account for in the design phase. Additionally, the sheet pile retaining wall is made of steel and would likely react with any oxidants it could come in contact with. This could lead to premature failure of the sheet pile wall which should be avoided. Furthermore, injections completed in such close proximity to the Scajaquada Creek may pose a risk to the creek itself if hydraulic capture is not 100% effective.

Based on data collected in this study, it is apparent any future remedial or containment efforts should be concentrated in the northwestern portion of the site since this is the area of greatest impact as well as the area of the impacted seeps. To this end, a schedule to achieve these goals is presented below.

Please note, Bristol-Myers Squibb will continue to operate the current groundwater extraction system as designed while the items in the following schedule are completed.

SECTION 4 SCHEDULE

4.1 ANTICIPATED SCHEDULE

On or about January 10, 2014, or at the Department's availability – Meet with NYSDEC to discuss the results of this report. Additionally discuss tentative solutions as well as the pros and cons of each solution.

On or about March 14, 2014 (or roughly 60 days following the Department meeting noted above) – Submit a Feasibility Study Report (FS) to NYSDEC formally presenting the various solutions, the pros and cons of each solution, a tentative implementation schedule, and a conceptual design of our selected remedy.

Roughly 60 days following the acceptance of the FS noted above by the Department – Submit the final design document to NYSDEC.

Installation of the system is tentatively anticipated to start on or around 60 days following approval of the final design by NYSDEC (currently anticipated to start within the third quarter of 2014).

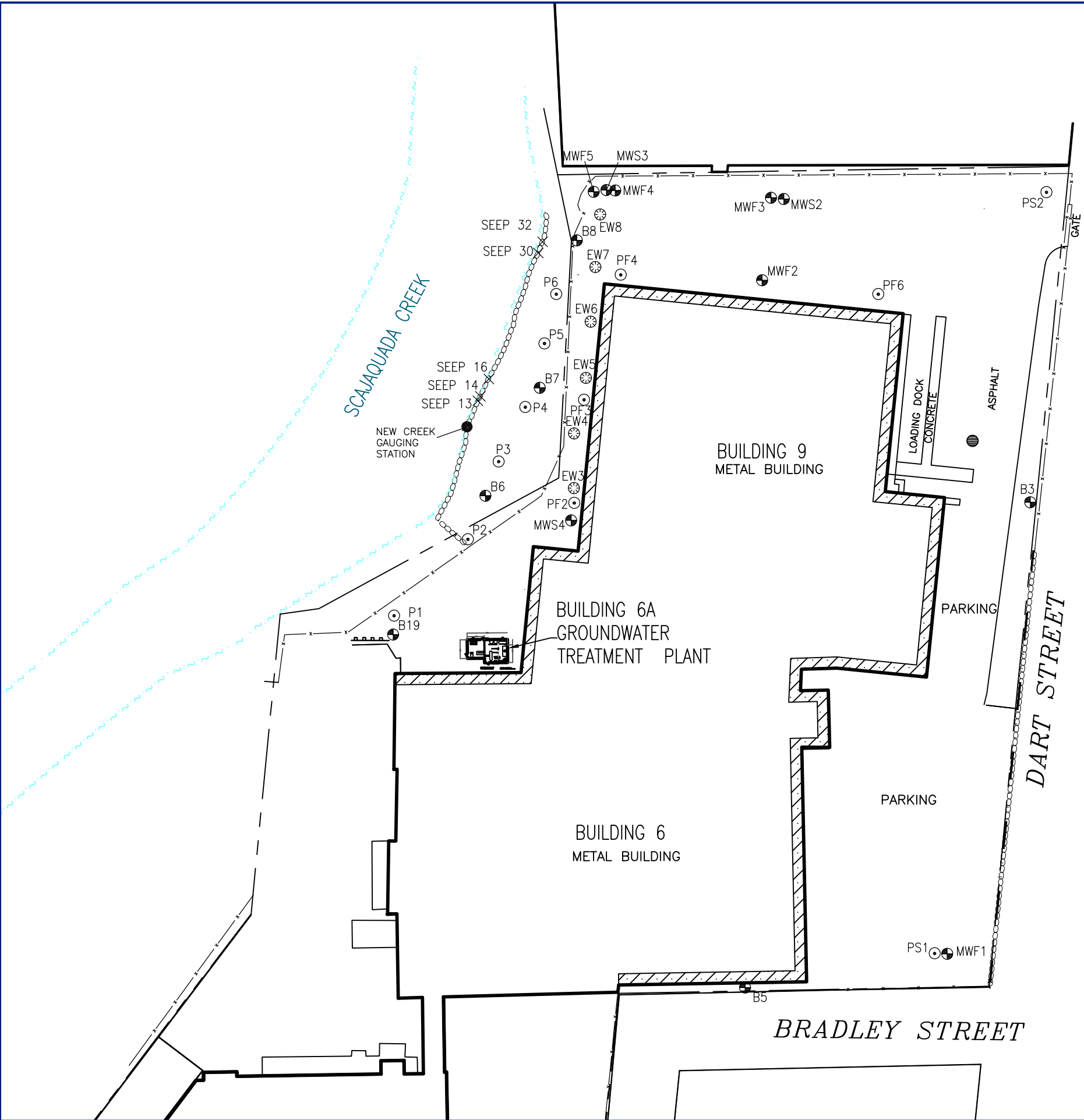
It should be noted the aforementioned preliminary schedule is subject to potential delays due to unforeseen issues such as Access Agreements and/or permitting to work in the grassy area if necessary, engagement of other governmental agencies, modified discharge permitting with the Buffalo Sewer Authority (BSA) or conflicts with public utilities. If such delays arise, BMS will notify NYSDEC immediately of both: (i) the potential delay and (ii) the expected timeline for completion.

FIGURES



LEGEND

- PROPERTY BOUNDARY
- x-x- FENCE
- oooooo SHEET PILE RETAINING WALL
- ⊕ MONITORING WELL
- STREAM GAUGE
- × SEEP LOCATION
- ⊙ PIEZOMETER
- ⊗ SOIL VAPOR EXTRACTION WELL



DRAFTED BY: E.M.E. (N.J.)	SITE MAP		
CHECKED BY:	BRISTOL MYERS SQUIBB COMPANY 100 FOREST AVENUE BUFFALO, NEW YORK		
REVIEWED BY:	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225		
	SCALE IN FEET  0 APPROXIMATE 100	DATE 11-14-13	FIGURE 1.1

Figure 2.1
Relative and Cumulative Rainfall
August 30 through September 16, 2013

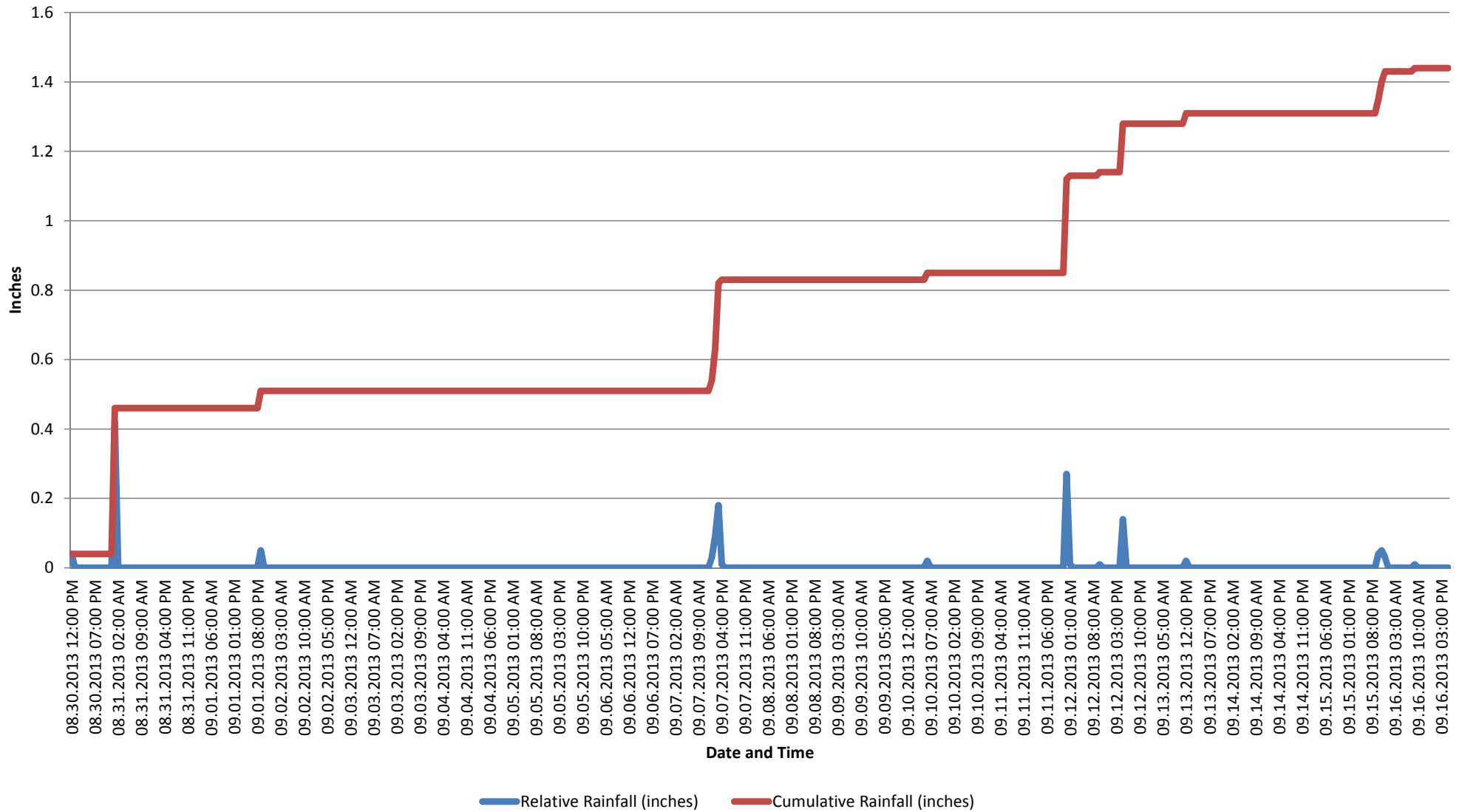
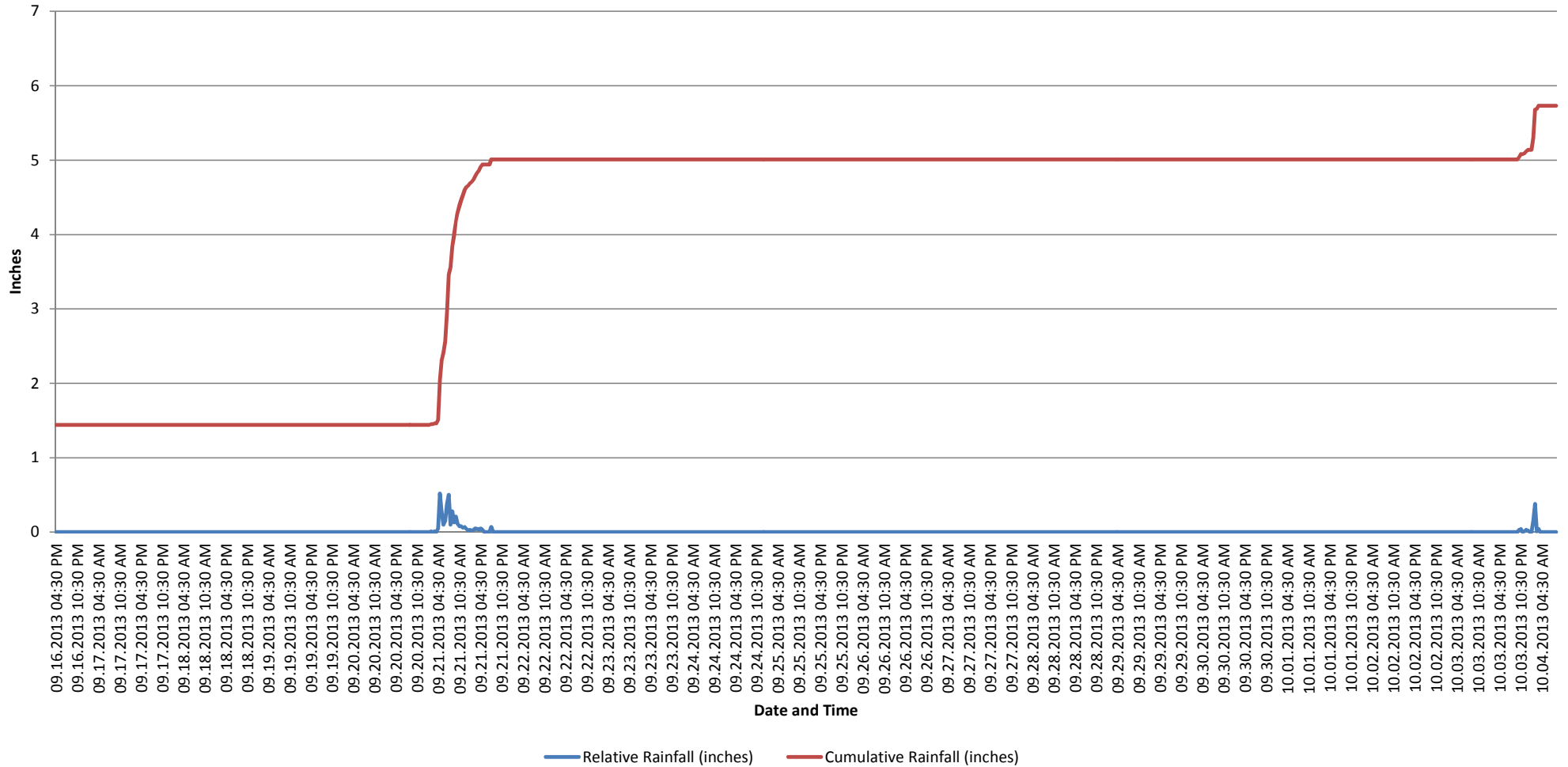
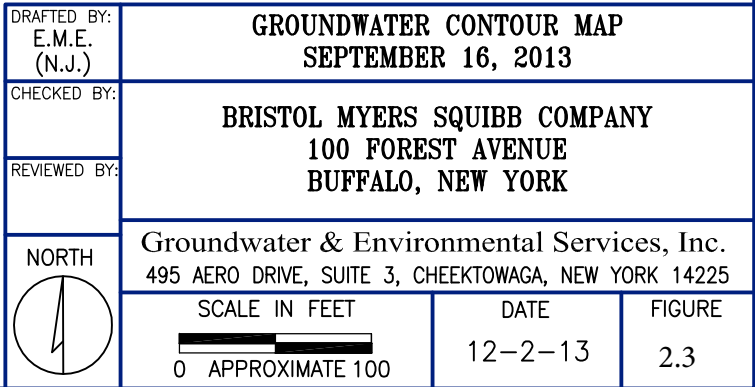


Figure 2.2
Relative and Cumulative Rainfall
September 16 through October 4, 2013

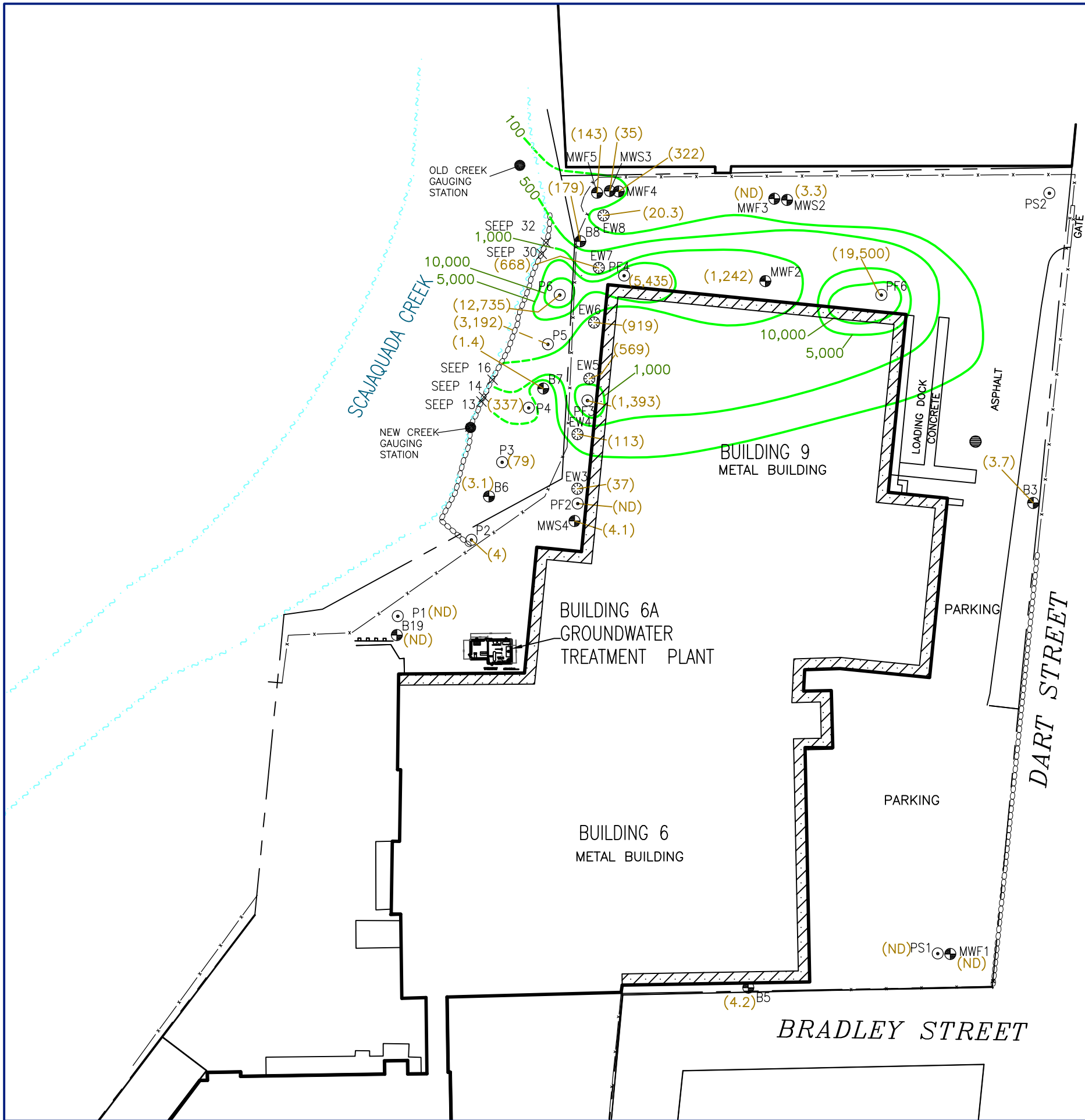






LEGEND

- PROPERTY BOUNDARY
- x-x- FENCE
- oooooo SHEET PILE RETAINING WALL
- ⊕ MONITORING WELL
- STREAM GAUGE
- × SEEP LOCATION
- ⊙ PIEZOMETER
- ⊗ SOIL VAPOR EXTRACTION WELL
- (19,500) VOCs CONCENTRATION (ug/L)
- 5,000 VOCs CONCENTRATION CONTOUR(ug/L) (DASHED WHERE INFERRED)
- VOCs VOLATILE ORGANIC COMPOUNDS
- (ug/L) MICROGRAMS PER LITER
- ND NOT DETECTED



DRAFTED BY: E.M.E. (N.J.)	ISOCONCENTRATION-VOC MAP SEPTEMBER 16-18, 2013		
CHECKED BY:	BRISTOL MYERS SQUIBB COMPANY 100 FOREST AVENUE BUFFALO, NEW YORK		
REVIEWED BY:	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225		
NORTH 	SCALE IN FEET 	DATE 12-2-13	FIGURE 2.4
	0 APPROXIMATE 100		

Figure 2.5
P6 Pumping Test 9/18/2013

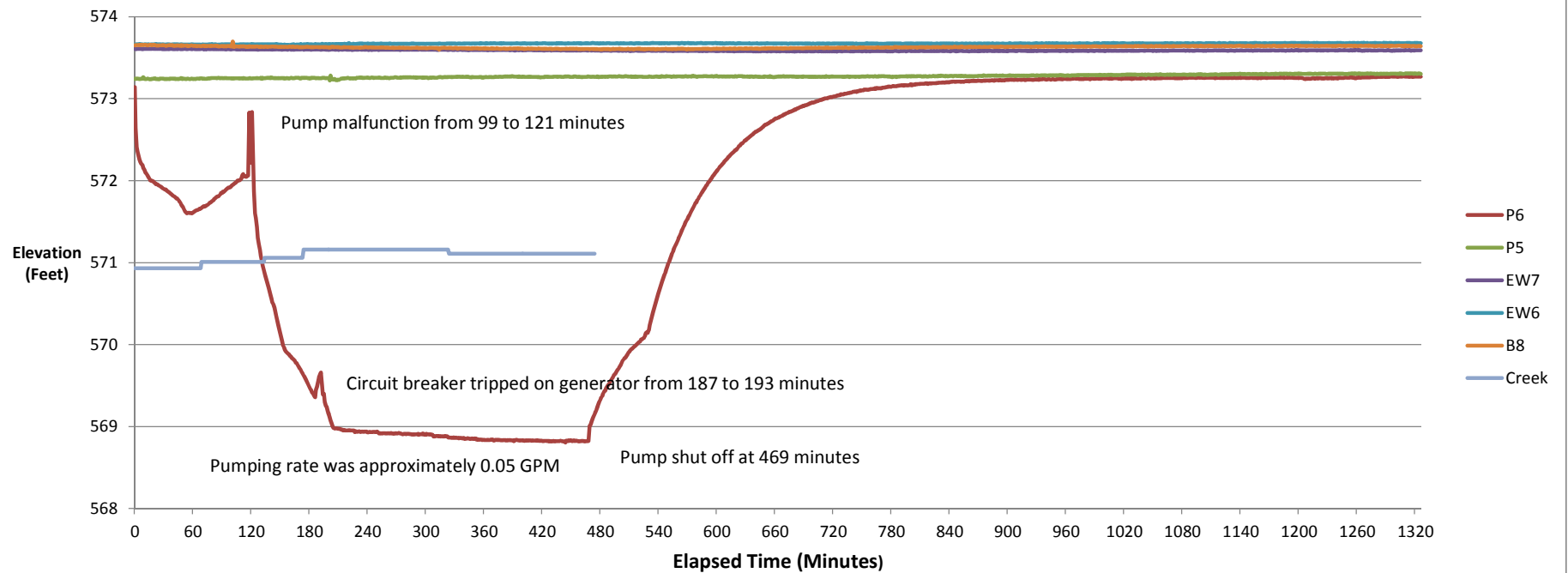


Figure 2.6
P5 Pumping Test 9/19/2013

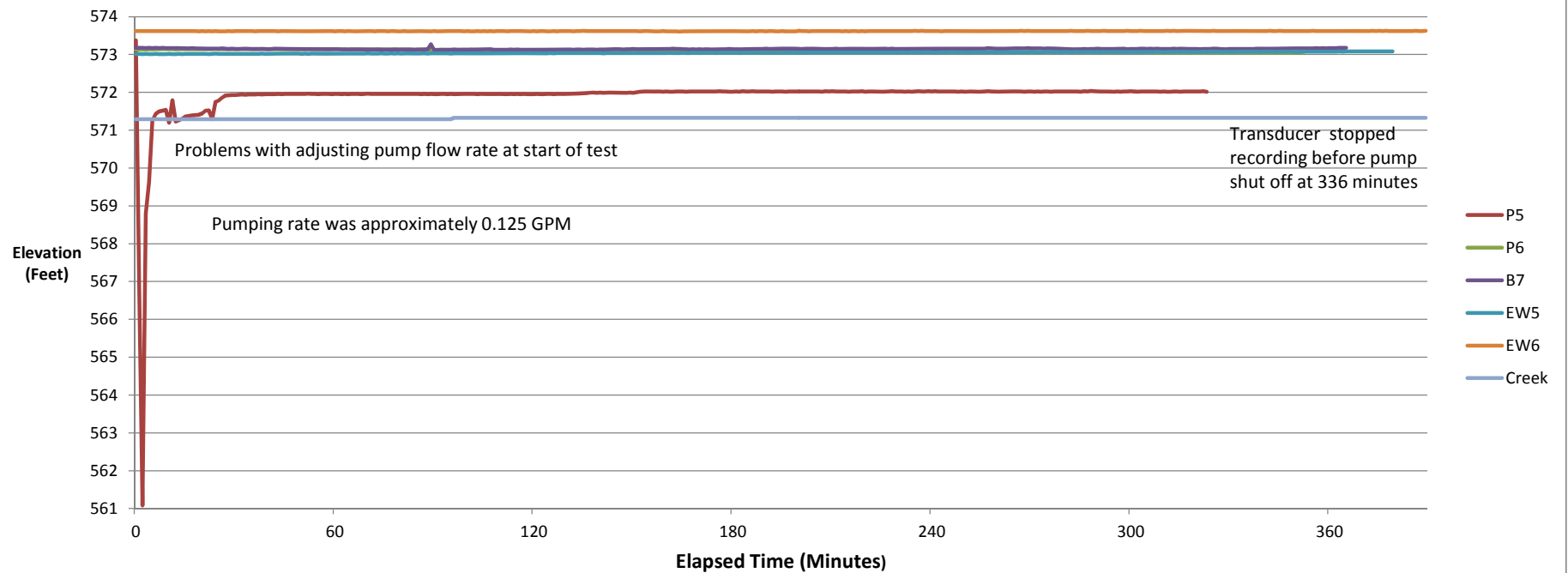


Figure 2.7
EW8 Pumping Test 9/20/2013 - 9/23/2013

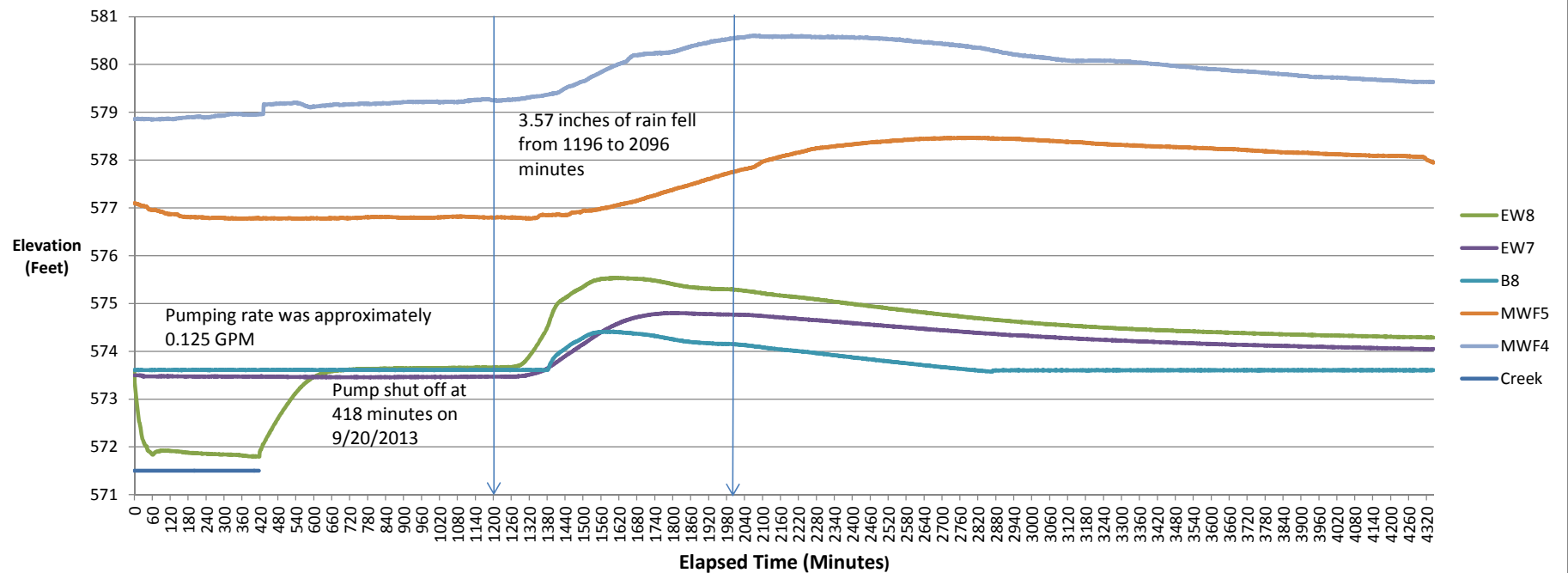


Figure 2.8
EW7 Pumping Test 9/24/2013

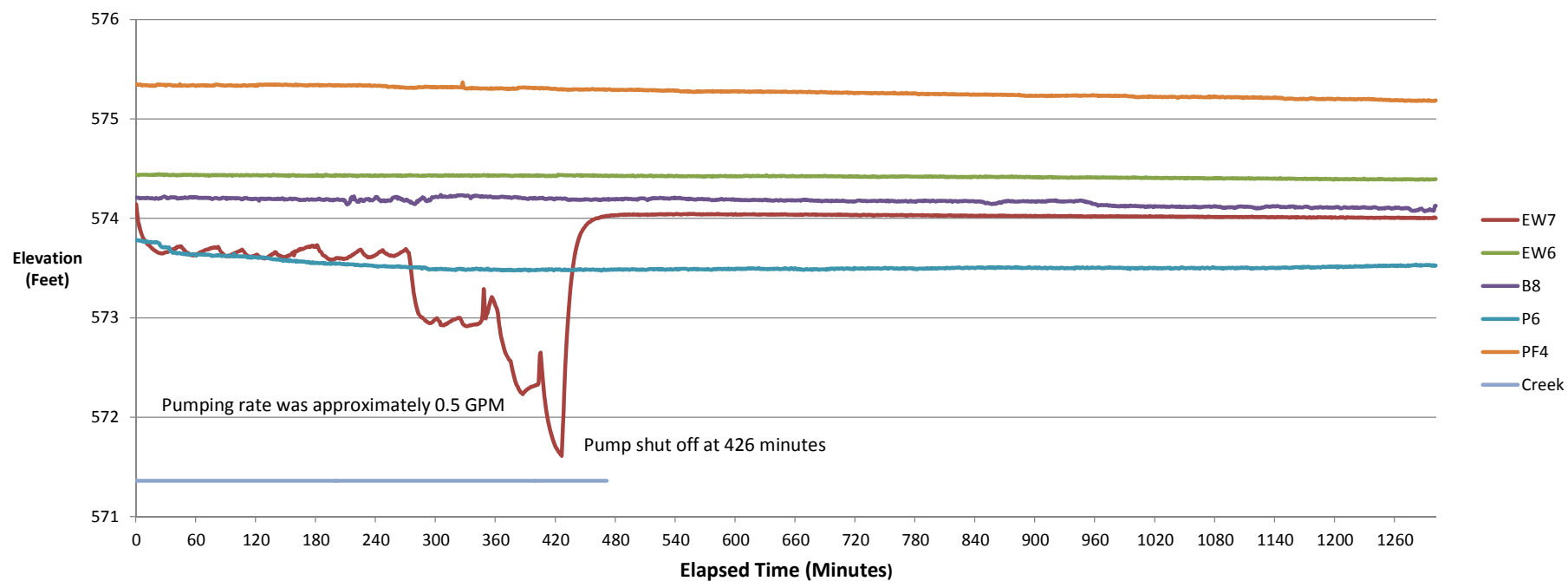


Figure 2.9
EW3 Pumping Test 9/24/2013 to 9/25/2013

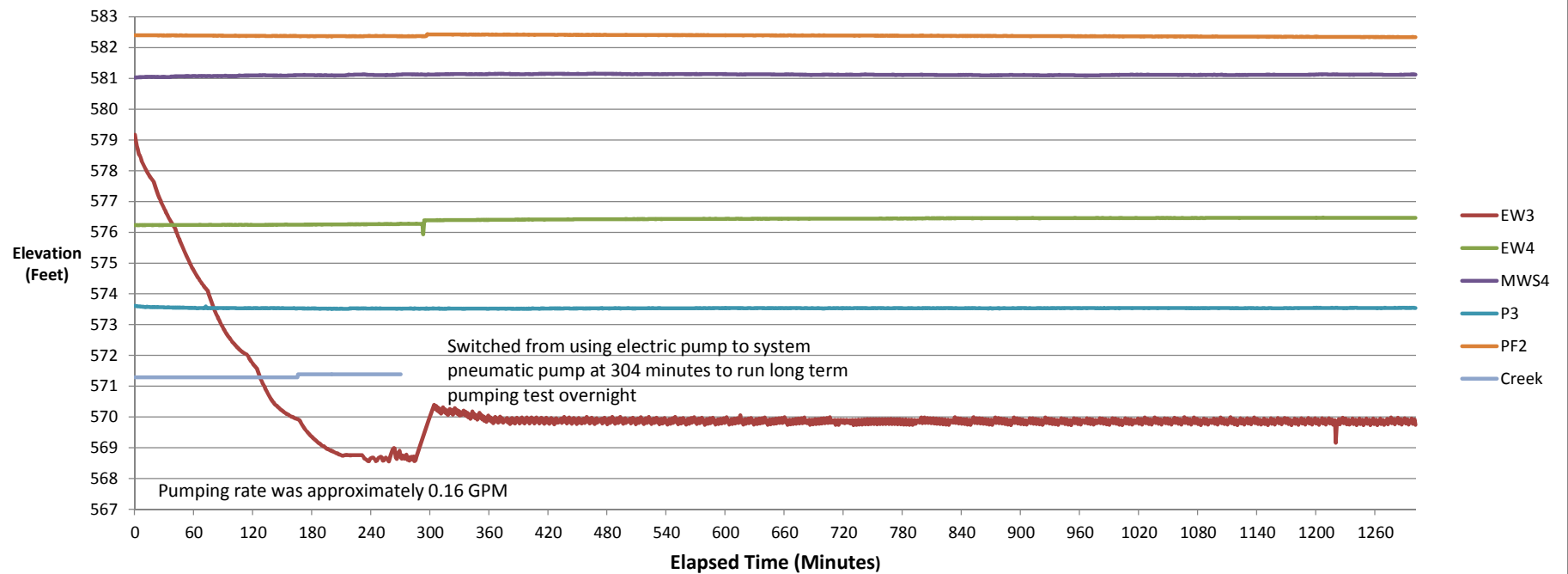


Figure 2.10
EW5 Pumping Test 9/25 to 9/26/2013

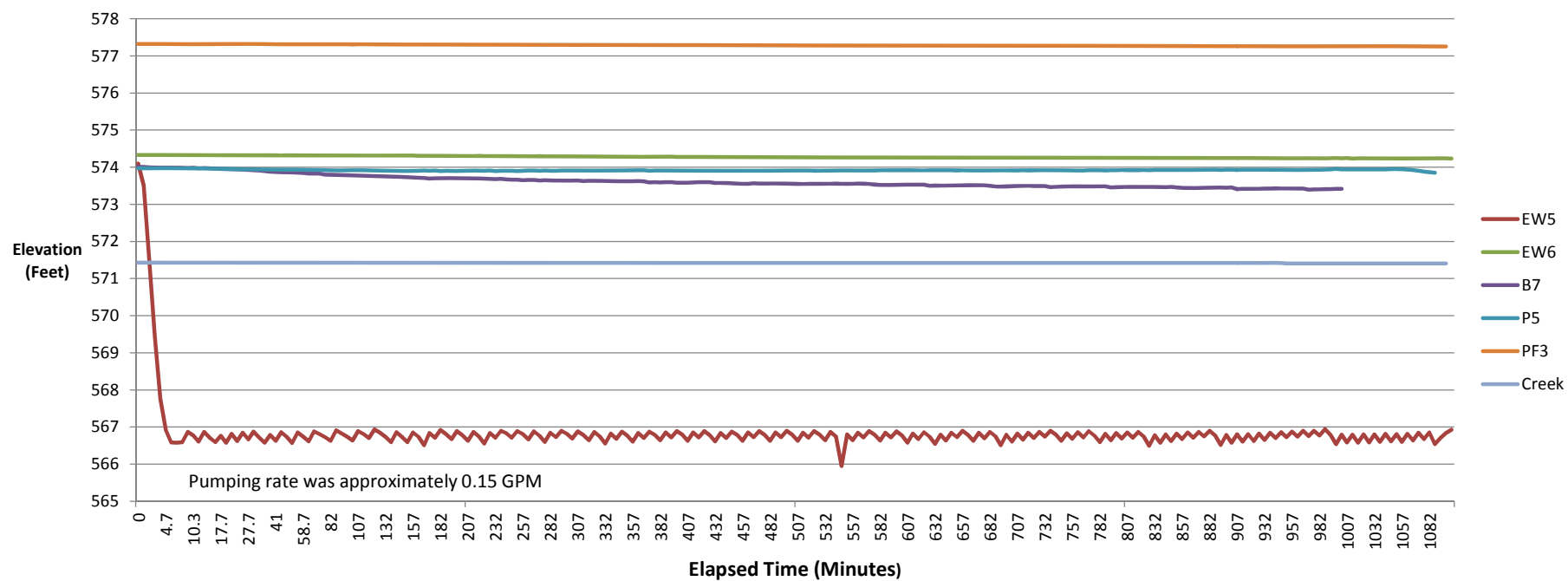


Figure 2.11
EW6 Pumping Test 9/26/2013

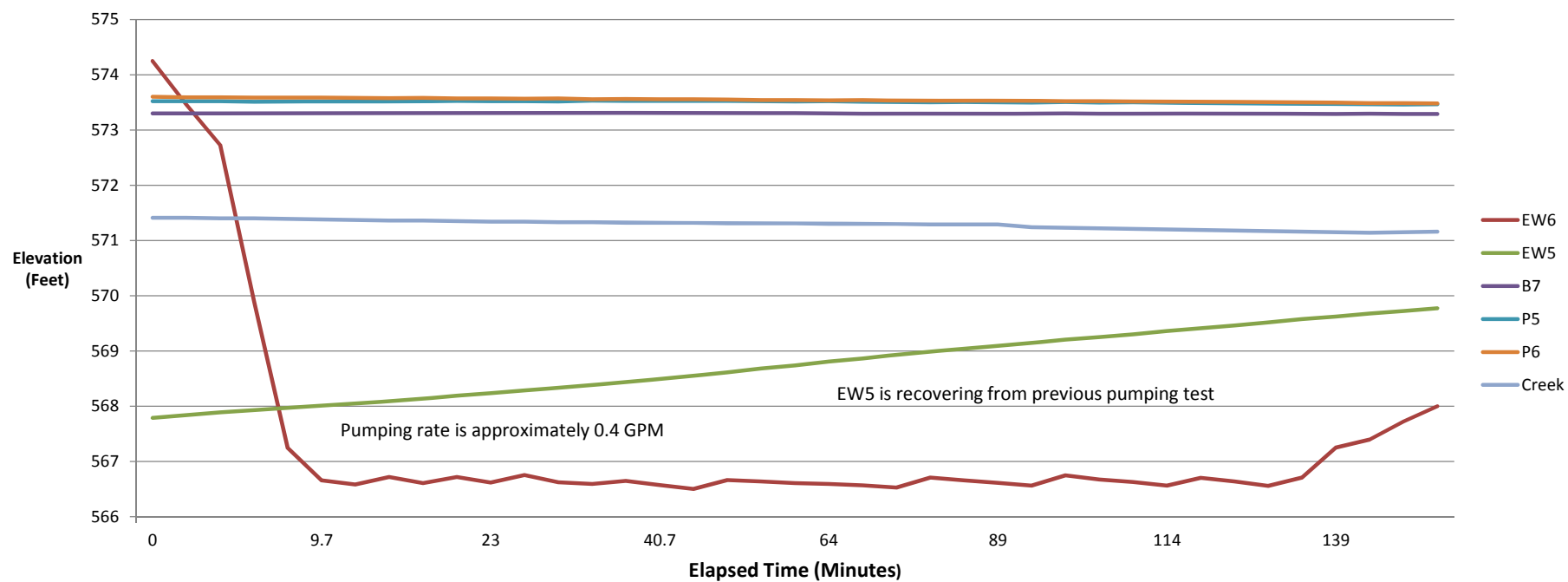


Figure 2.12
EW4 Pumping Test 9/27/2013

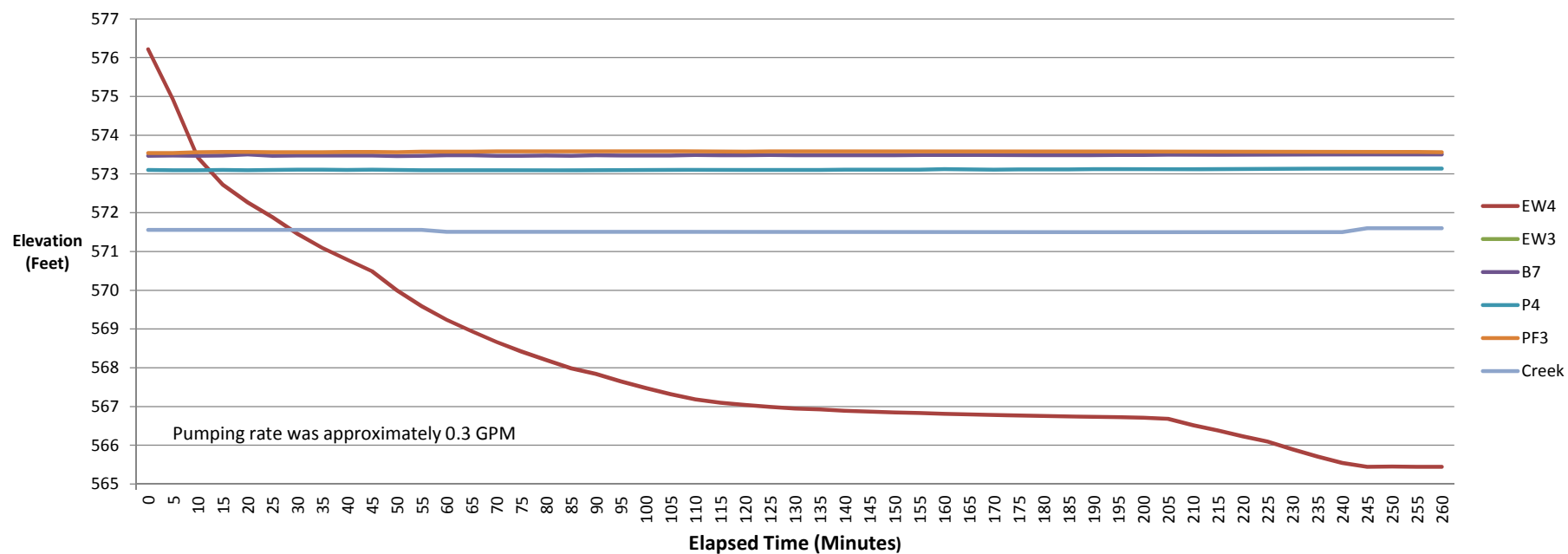


Figure 2.13
EW8 Pumping Test 9/30/2013

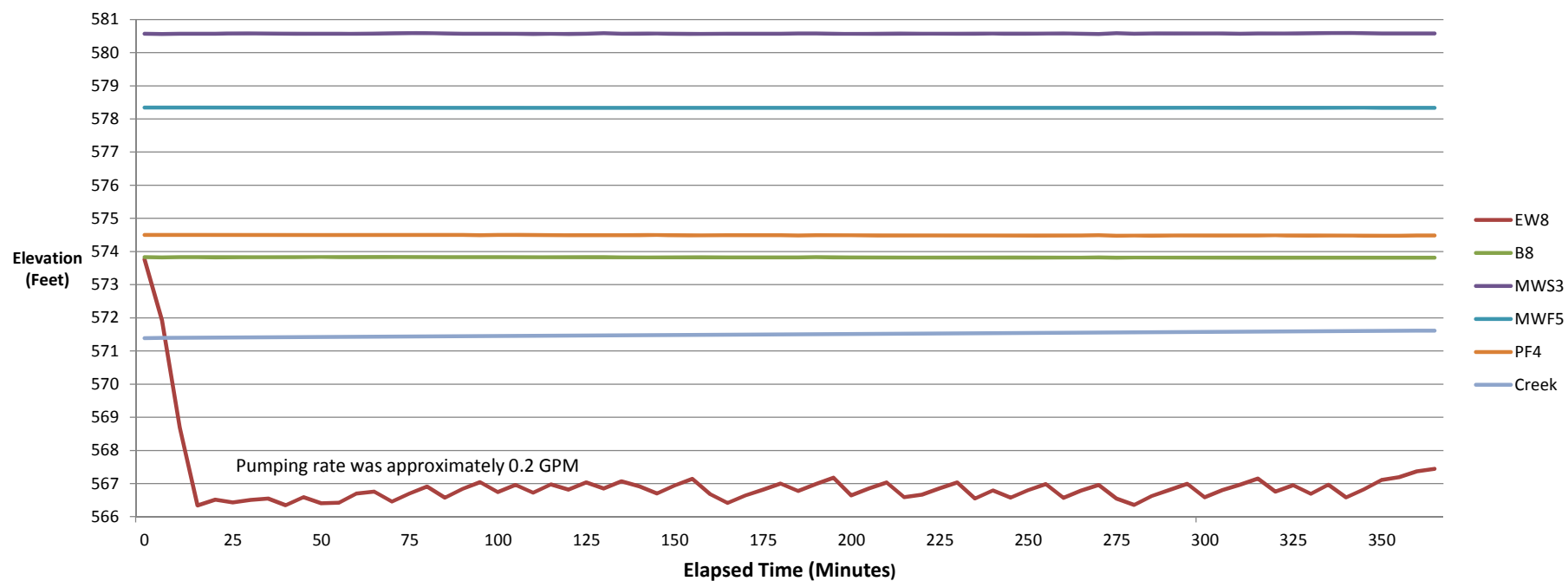
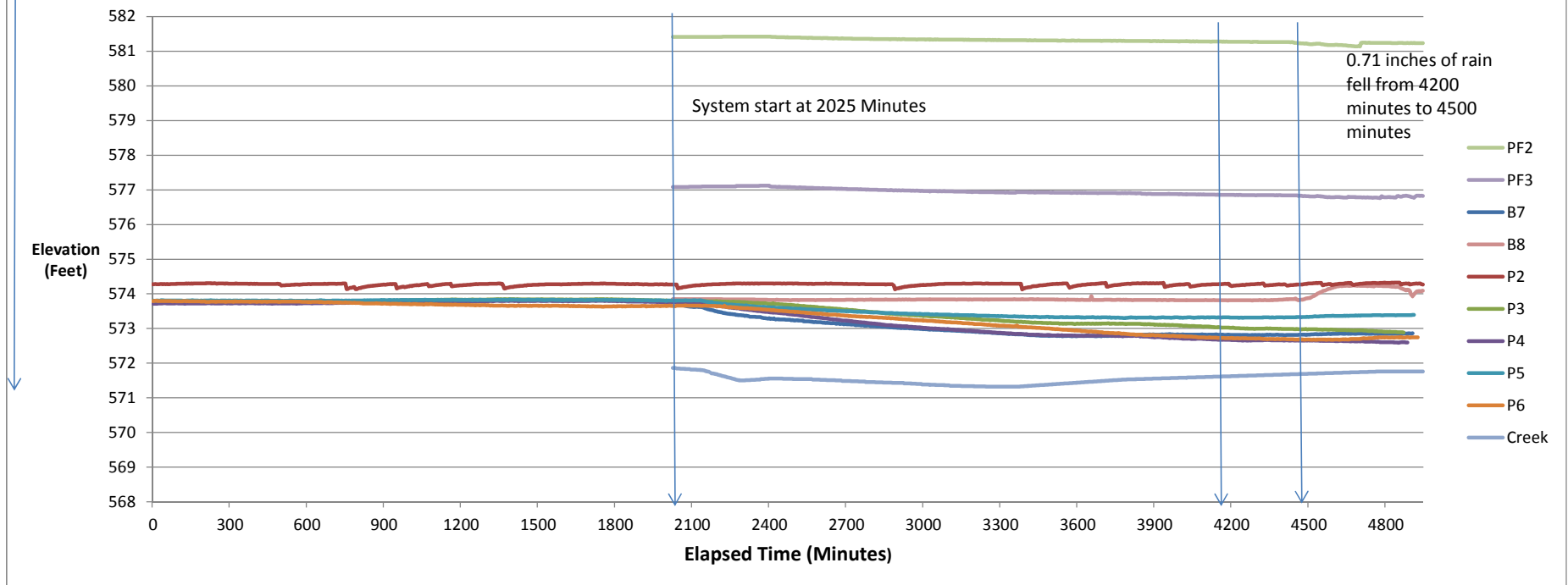


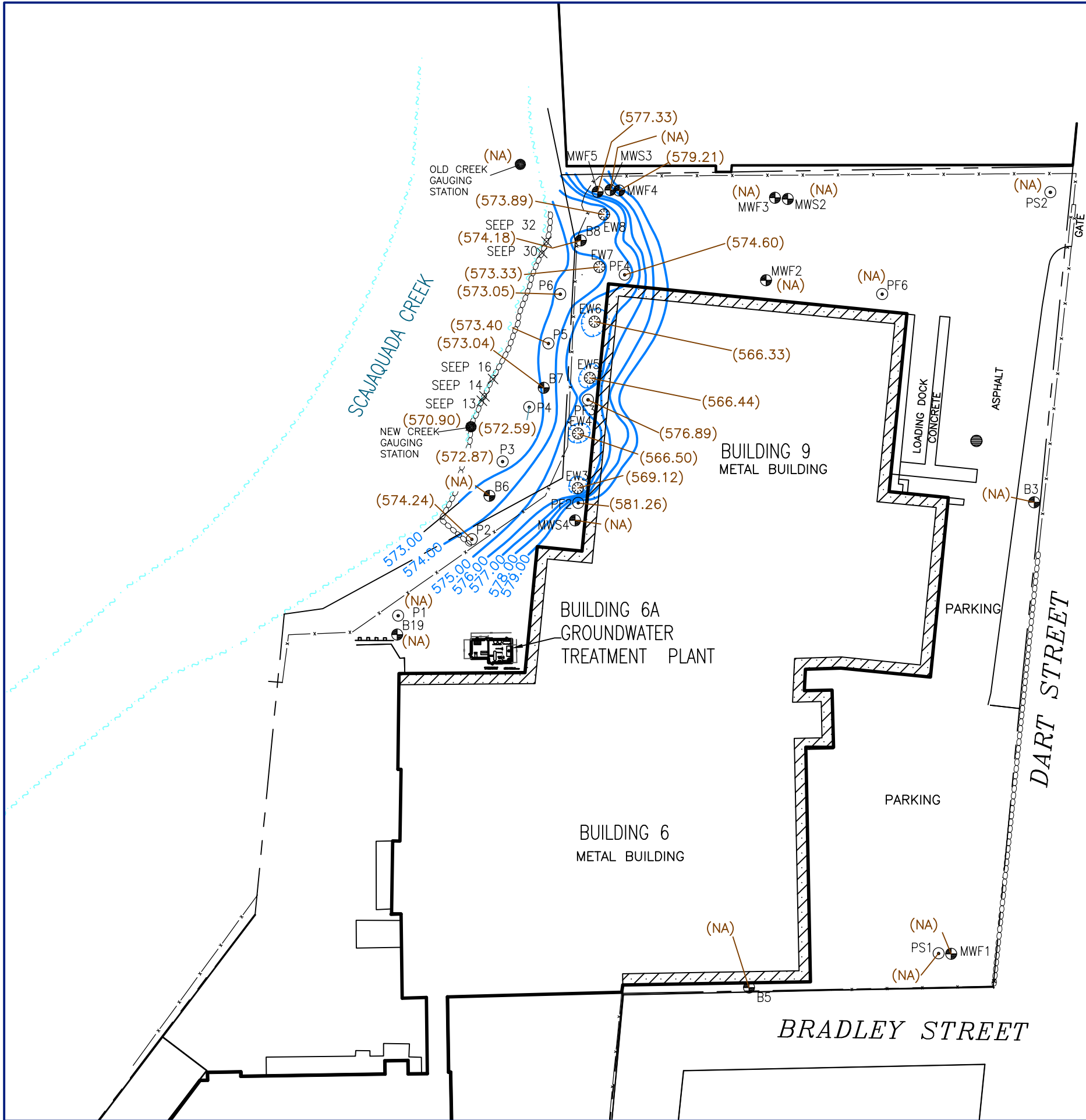
Figure 2.14
Monitored System Re-Start 10/2/2013 to 10/4/2013





LEGEND

- PROPERTY BOUNDARY
- x-x- FENCE
- oooooo SHEET PILE RETAINING WALL
- ⊕ MONITORING WELL
- STREAM GAUGE
- × SEEP LOCATION
- ⊙ PIEZOMETER
- ⊗ SOIL VAPOR EXTRACTION WELL
- (566.33) GROUNDWATER ELEVATION (feet)
- 579.00 GROUNDWATER CONTOUR (feet)

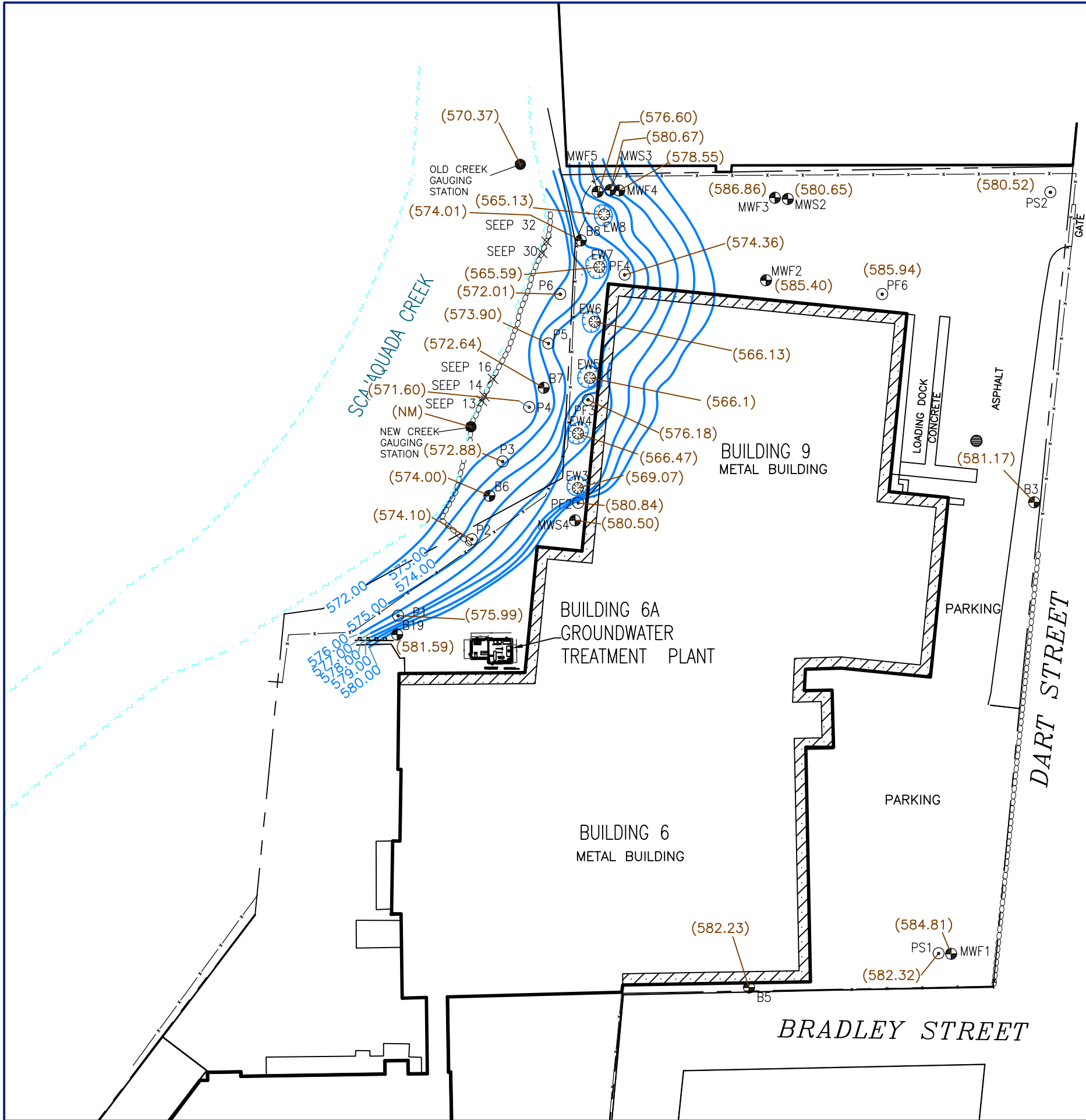


DRAFTED BY: E.M.E. (N.J.)	GROUNDWATER CONTOUR MAP OCTOBER 4, 2013		
CHECKED BY:	BRISTOL MYERS SQUIBB COMPANY 100 FOREST AVENUE BUFFALO, NEW YORK		
REVIEWED BY:	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225		
NORTH 	SCALE IN FEET 	DATE 12-2-13	FIGURE 2.15
	0 APPROXIMATE 100		



LEGEND

- PROPERTY BOUNDARY
- x-x- FENCE
- oooooo SHEET PILE RETAINING WALL
- ⊕ MONITORING WELL
- STREAM GAUGE
- × SEEP LOCATION
- ⊙ PIEZOMETER
- ⊗ SOIL VAPOR EXTRACTION WELL
- (581.17) GROUNDWATER ELEVATION (feet)
- 579.00 GROUNDWATER CONTOUR (feet)



DRAFTED BY: E.M.E. (N.J.)	GROUNDWATER CONTOUR MAP OCTOBER 30, 2013		
CHECKED BY:	BRISTOL MYERS SQUIBB COMPANY 100 FOREST AVENUE BUFFALO, NEW YORK		
REVIEWED BY:	Groundwater & Environmental Services, Inc. 495 AERO DRIVE, SUITE 3, CHEEKTOWAGA, NEW YORK 14225		
NORTH 	SCALE IN FEET 	DATE 12-2-13	FIGURE 2.16
	0 APPROXIMATE 100		

TABLES

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

Table 1.1

Summary of Detected VOCs in Seeps

	TOGS 1.1.1 Groundwater Standards (µg/L)	NYSDEC Seep 13 (µg/L) 4/17/2013	GES Seep 13 (µg/L) 4/17/2013	GES Seep 13 (µg/L) 6/4/2013	GES Seep 13 (µg/L) 6/26/2013	GES Seep 13 (µg/L) 7/15/2013		NYSDEC Seep 32 (µg/L) 4/17/2013	GES Seep 32 (µg/L) 4/17/2013	GES Seep 32 (µg/L) 6/4/2013		GES Seep 30 (µg/L) 6/26/2013	GES Seep 30 (µg/L) 7/15/2013
Benzene	1	0.60 J	0.45 J	0.68 J	0.43 J	0.47 J		840	700	630		630	670
Chloroform	7	4.9	5	5.6	7.7	7.4		ND<1.0	ND<1.0	ND<1.0		ND<1.0	ND<1.0
Cyclohexane	NA	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0		0.84 J	ND<1.0	0.80 J		0.66 J	0.74 J
Ethylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0		560	520	470		64	46
Isopropylbenzene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0		40	37	28		24	24
Methylcyclohexane	NA	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0		1.3	0.87 J	1.3		1.1	1.4
Toluene	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0		6.2	5.6	4.8		1.8	1.7
Total Xylenes	5	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0		220	190	140		30	24

Notes:

All data presented in micrograms per Liter (ug/L).

ND< = None detected above laboratory limit indicated.

J = The result is less than the reporting limit but is greater than or equal to the method detection limit.

Bold values indicate exceedence of Guidance Values.

TOGS 1.1.1= Technical & Operational Guidance Series

VOCs= Volatile Organic Compounds

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

**Table 1.2
Summary of Creek Inspection Results**

Date	Recorded Rainfall (inches)	Seep 13	Seep 14	Seep 16	Seep 17	Seep 30	Seep 32
7/15/2013	NA	0.5 GPM	NF	NF	NF	0.25 GPH	NF
8/19/2013	NA	0.15 GPM	NF	NF	NF	< 1 GPD	NF
System shut down on 9/13/13							
9/17/2013	0.00	0.25 GPM	NM	NF	NF	0.1 GPH	NF
9/18/2013	0.00	< 0.25 GPM	Wet	NF	NF	<0.1 GPH	NF
9/19/2013	0.00	< 0.1 GPM	NM	NF	NF	~ 2 GPD	< 1 GPD
9/20/2013	0.00	< 0.1 GPM	NM	NF	NF	< 1 GPD	< 1 GPD
9/23/2013	3.52	1 GPM	0.5 GPM	NM	NM	0.1 GPM	0.1 GPM
9/24/2013	0.00	0.75 GPM	0.25 GPM	Wet	Wet	0.1 GPM	NM
9/25/2013	0.00	0.5 GPM	0.25 GPM	Wet	Wet	0.1 GPM	Wet
9/26/2013	0.00	0.25 GPM	0.1 GPM	Wet	Wet	NM	Wet
9/27/2013	0.00	< 0.1 GPM	NM	Wet	Wet	Wet	Wet
10/2/2013	0.00	0.05 GPM	NF	0.01 GPM	Wet	Wet	Wet
10/3/2013	0.08	0.5 GPM	0.1 GPM	Wet	Wet	NM	Wet
10/4/2013	0.73	1 GPM	0.5 GPM	0.25 GPM	0.1 GPM	NM	0.5 GPM

Notes:

GPM = gallons per minute

GPH = gallons per hour

GPD = gallons per day

NM = Slight flow observed but not sufficient for measurement

NF = no observable flow and sheet pile is dry

Wet = no observable flow but sheet pile is wet.

NA = Rainfall information is not available

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

Table 2.1

Summary of Well Development Activities

Date	Well	Total Surge Time (min)	Total Pumping Time (min)	Total Water Pumped (gal)
8/26/2013	EW3	30	16	63
8/26/2013	EW6	30	12	48
8/26/2013	EW7	45	NA*	NA*
8/27/2013	EW7	75	19	65
8/27/2013	EW8	50	20	130
8/28/2013	EW4	50	13	68
8/28/2013	EW5	30	12	30

Notes:

NA = Not Applicable since EW7 was surged only on 8/26

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

**Table 2.2
Site Wide Gauging Data September 16, 2013**

Location	DTW	Location of Measurement	Survey Info	GW Elevation
P1	15.05	Top of casing	590.77	575.72
P2	17.2	Top of casing	591.3	574.1
P3	19.23	Top of casing	591.09	571.86
P4	19.7	Top of casing	591.51	571.81
P5	18.31	Top of casing	591.42	573.11
P6	18.89	Top of casing	590.83	571.94
PS1	11.59	Top of casing	592.89	581.3
B3	9.97	Top of casing	590.74	580.77
B5	10	Top of casing	592.5	582.5
B6	18.67	Top of casing	592.3	573.63
B7	19.11	Top of casing	591.86	572.75
B8	18.65	Top of casing	592.16	573.51
B19	10.54	Top of casing	592.14	581.6
MWS2	11.75	Road Box	591.89	580.14
MWS3	11.29	Road Box	591.57	580.28
MWS4	13.22	Top of casing	593.05	579.83
PF2	12.45	Road Box	591.84	579.39
PF3	15.07	Road Box	591.48	576.41
PF4	21.27	Top of casing	594.11	572.84
PF6	7.38	Top of casing	592.86	585.48
EW3	13.95	Top of grate	590.52	576.57
EW4	15.1	Top of grate	590.78	575.68
EW5	18.57	Top of grate	590.69	572.12
EW6	16.91	Top of grate	590.33	573.42
EW7	16.77	Top of grate	590.31	573.54
EW8	17.5	Top of grate	591.07	573.57
MWF1	8.27	Top of casing	592.28	584.01
MWF2	10.09	Top of casing	594.66	584.57
MWF3	5.15	Top of casing	591.66	586.51
MWF4	15.78	Top of casing	594.47	578.69
MWF5	15.38	Top of casing	590.95	575.57
Old Creek Gauging Station	12.9	NA	583.54	570.64
New Creek Gauging Station	5.11	NA	576.01	570.9

Notes:

DTW = Depth to Water

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

**Table 2.3
Laboratory Analytical Data TCL VOCs via USEPA Method 8260 9/16 - 9/18/2013**

Monitoring Well	Date	Acetone	Benzene (µg/L)	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene (µg/L)	Isopropyl Benzene (µg/L)	Methylcyclohexane	Tetrachloroethene	Toluene (µg/L)	Trichloroethene	Vinyl chloride	Total Xylenes (µg/L)	Total VOCs (µg/L)
TOGS 1.1.1 Groundwater Standards (ug/L)		50	1	7	5	5	5		5	5	5	2	5	
EW3	9/16/2013	22	ND	ND	7.6	ND	ND	ND	ND	ND	6	1.1	ND	37
EW4	9/16/2013	53	35	ND	ND	14	ND	ND	ND	ND	ND	ND	11	113
EW5	9/16/2013	310	100	ND	ND	84	7	ND	6.6	ND	ND	ND	61	569
EW6	9/16/2013	ND	400	ND	ND	390	14	ND	5	ND	ND	ND	110	919
EW7	9/16/2013	64	50	ND	ND	74	ND	ND	ND	ND	ND	ND	480	668
EW8	9/17/2013	ND	2.1	ND	ND	10	ND	ND	ND	ND	ND	ND	8.2	20.3
MWF1	9/18/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWF2	9/18/2013	ND	34	ND	ND	450	33	ND	ND	5.3	ND	ND	720	1242
MWF3	9/18/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWF4	9/17/2013	24	82	ND	ND	110	17	ND	ND	2.1	ND	ND	87	322
MWF5	9/17/2013	ND	46	ND	ND	43	6.4	0.74 J	ND	4	ND	ND	43	143

Notes:

Only detected compounds are shown

All data presented in micrograms per Liter (ug/L).

ND = None detected above laboratory limit indicated.

J = The result is less than the reporting limit but is greater than or equal to the method detection limit, and the concentration is an approximate value

Italic numerals are estimated values by lab.

Bold values indicate exceedence of Guidance Values.

NA = Not Applicable

TOGS 1.1.1= Technical & Operational Guidance Series

VOC= Volatile Organic Compound

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

**Table 2.4
Pre Test Pumping Field Measurements**

Monitoring Well	Date	Time	DTW (ft)	Rate (gpm)
P-5	9/17/2013	1100	18.32	0.5
		1105	20.10	0.5
		1110	20.50	0.5
		1115	21.90	0.25
		1120	24.50	0.25
		1130	26.10	0.25
		1135	27.80	0.25
		1138	27.90	0.125
		1145	28.00	0.125
		1152	28.60	0.125
		1200	29.50	0.125
		1210	28.50	0.06
		1215	27.50	0.06
		1220	27.00	0.06
		1230	26.80	0.06
		1235	27.20	0.06
P-6	9/17/2013	1245	18.14	0.125
		1300	18.54	0.125
		1305	19.82	0.06
		1310	22.96	0.06
		1313	24.05	0.01
		1320	25.00	0.06
		Problems with the pump at 1320, restarted at 1325		
		1325	18.24	0.03
		1330	19.95	0.03
		1335	20.05	0.03
		1340	20.05	0.03

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

**Table 2.4
Pre Test Pumping Field Measurements**

Monitoring Well	Date	Time	DTW (ft)	Rate (gpm)
EW-3	9/19/2013	1200	13.05	0.3
		1202	13.31	0.3
		1205	13.36	0.3
		1215	13.32	NR
		1230	13.52	0.3
		1242	14.20	NR
		1255	14.52	0.25
		1303	14.70	0.25
		1315	14.85	0.25
		1325	14.91	0.25
		1335	15.14	0.25
		1343	15.24	0.25
		1348	15.31	0.175
	Problems with the pump at 1348, restarted at 1415			
		1415	17.30	0.15
		1430	17.40	0.15
		1440	17.48	0.125
		1446	17.50	0.125
		1700	17.48	0.125
		1710	17.40	0.125
EW-4	9/18/2013	1430	14.69	NA
		1445	NR	NA
		1450	15.12	0.15
		1458	15.17	0.15
		1515	17.48	0.15
		1540	14.42	0.125
		1545	17.60	0.125
		1600	17.32	0.125
		1620	17.95	0.15
		1625	18.15	0.15
		1638	18.75	0.15
		1645	19.23	0.15
		1650	19.70	0.15
		1653	20.19	0.15
		1657	20.36	0.125
		1705	20.62	0.125
EW-5	9/18/2013	1105	17.70	NA
		1110	17.78	0.25
		1130	19.90	0.125
		1140	19.87	0.1
		1200	18.40	0.1
		1215	18.48	0.1
		1220	19.10	0.15
		1235	20.26	0.15
		1240	22.01	0.15
		1255	22.69	0.15
		1300	22.87	0.15
		1305	23.10	0.15

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

**Table 2.4
Pre Test Pumping Field Measurements**

Monitoring Well	Date	Time	DTW (ft)	Rate (gpm)
EW-6	9/17/2013	1718	16.85	0.25
		1720	16.98	0.25
		1725	17.25	0.25
		1730	18.07	0.25
		1735	19.93	0.15
		1740	20.55	0.15
		1745	21.01	0.15
		1748	21.67	0.15
		1753	22.18	0.15
		1800	22.71	0.15
		1803	23.16	0.125
		1808	23.38	0.125
		1812	23.56	0.125
		1815	23.58	0.125
EW-7	9/17/2013	1635	16.74	0.25
		1638	18.80	0.25
		1640	19.90	0.15
		1645	19.99	0.15
		1650	20.05	0.15
		1658	20.65	0.15
		1703	20.01	0.15
		1710	20.91	0.15
		1715	20.85	0.15
EW-8	9/17/2013	1445	17.46	0.15
		1448	17.60	0.15
		1452	18.40	0.15
		1555	20.18	0.125
		1600	21.65	0.125
		1605	22.45	0.1
		1608	22.98	0.1
		1614	23.42	0.1
		1620	23.47	0.06
		1625	23.50	0.06
		1630	23.57	0.06

Notes:

DTW = Depth to Water

Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY

Table 2.5
Groundwater Laboratory Analytical Data TCL VOCs via USEPA Method 8260 9/18 - 9/30/2013

Monitoring Well	Date	Acetone	Benzene (µg/L)	cis-1,2-Dichloroethene	Cyclohexane	Ethylbenzene (µg/L)	Isopropyl Benzene (µg/L)	Methylcyclohexane	Methylene chloride	Toluene (µg/L)	Trans-1,2-dichloroethene	Trichloroethene	Vinyl chloride	Total Xylenes (µg/L)	Total VOCs (µg/L)
TOGS 1.1.1 Groundwater Standards (ug/L)		50	1	5		5	5		5	5	5	5	2	5	
P5	9/19/2013	120	330	ND	1.9	1,700	55	3.3	ND	12	ND	ND	ND	330	2,552
P6	9/18/2013	ND	1,800	ND	ND	2,800	60	ND	ND	11	ND	ND	ND	970	5,641
EW3	9/24/2013	6.0 J	1.3	12	ND	0.99 J	ND	ND	ND	ND	0.94 J	9.1	1.1	ND	31.4
EW4	9/27/2013	22 J	48	ND	ND	120	10	ND	ND	3.5 J	ND	ND	ND	66	270
EW5	9/26/2013	42 J	250	ND	ND	110	12	ND	ND	11	ND	ND	ND	80	505
EW6	9/26/2013	25 J	180	ND	ND	160	6.9	ND	ND	3.1 J	ND	ND	ND	77	452
EW7	9/23/2013	3.0 J	950	ND	2.5	2300	77	3.7	ND	15	ND	ND	ND	640	3991
EW8	9/20/2013	ND	9.2	ND	ND	81	4.8	ND	ND	ND	ND	ND	ND	71	166
	9/30/2013	20 J	40	ND	ND	140	8.6	ND	1.9 J	3.9 J	ND	ND	ND	150	364

Notes:

Only detected compounds are shown

All data presented in micrograms per Liter (ug/L).

ND = None detected above laboratory limit indicated.

J = The result is less than the reporting limit but is greater than or equal to the method detection limit, and the concentration is an approximate value

Italic numerals are estimated values by lab.

Bold values indicate exceedence of Guidance Values.

NA = Not Applicable

TOGS 1.1.1= Technical & Operational Guidance Series

VOC= Volatile Organic Compound

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

**Table 2.6
Post System Re-start Gauging Data October 4, 2013**

Location	DTW	Location of Measurement	Survey Info	GW Elevation
P1	NM	Top of casing	590.77	NA
P2	17.06	Top of casing	591.3	574.24
P3	18.22	Top of casing	591.09	572.87
P4	18.92	Top of casing	591.51	572.59
P5	18.02	Top of casing	591.42	573.4
P6	17.78	Top of casing	590.83	573.05
PS1	NM	Top of casing	592.89	NA
PS2	NM	Top of casing	593.4	NA
B3	NM	Top of casing	590.74	NA
B5	NM	Top of casing	592.5	NA
B6	NM	Top of casing	592.3	NA
B7	18.82	Top of casing	591.86	573.04
B8	17.98	Top of casing	592.16	574.18
B19	NM	Top of casing	592.14	NA
MWS2	NM	Road Box	591.89	NA
MWS3	NM	Road Box	591.57	NA
MWS4	NM	Top of casing	593.05	NA
PF2	10.58	Road Box	591.84	581.26
PF3	14.59	Road Box	591.48	576.89
PF4	19.51	Top of casing	594.11	574.6
PF6	NM	Top of casing	592.86	NA
EW3	21.4	Top of grate	590.52	569.12
EW4	24.28	Top of grate	590.78	566.5
EW5	24.25	Top of grate	590.69	566.44
EW6	24	Top of grate	590.33	566.33
EW7	16.98	Top of grate	590.31	573.33
EW8	17.18	Top of grate	591.07	573.89
MWF1	NM	Top of casing	592.28	NA
MWF2	NM	Top of casing	594.66	NA
MWF3	NM	Top of casing	591.66	NA
MWF4	15.26	Top of casing	594.47	579.21
MWF5	13.62	Top of casing	590.95	577.33
Old Creek Gauging Station	NM	NA	583.54	NA
New Creek Gauging Station	4.3	NA	576.01	571.71

Notes:

DTW = Depth to Water

NM = Not Measured

NA = Not Available

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

**Table 2.7
Site Wide Gauging Data October 30, 2013**

Location	DTW	Location of Measurement	Survey Info	GW Elevation
P1	14.78	Top of casing	590.77	575.99
P2	17.03	Top of casing	591.3	574.27
P3	18.21	Top of casing	591.09	572.88
P4	19.91	Top of casing	591.51	571.6
P5	17.52	Top of casing	591.42	573.9
P6	18.82	Top of casing	590.83	572.01
PS1	10.57	Top of casing	592.89	582.32
PS2	12.88	Top of casing	593.4	580.52
B3	9.57	Top of casing	590.74	581.17
B5	10.27	Top of casing	592.5	582.23
B6	18.3	Top of casing	592.3	574
B7	19.22	Top of casing	591.86	572.64
B8	18.15	Top of casing	592.16	574.01
B19	10.55	Top of casing	592.14	581.59
MWS2	11.24	Road Box	591.89	580.65
MWS3	10.9	Road Box	591.57	580.67
MWS4	12.55	Top of casing	593.05	580.5
PF2	11	Road Box	591.84	580.84
PF3	15.3	Road Box	591.48	576.18
PF4	19.75	Top of casing	594.11	574.36
PF6	6.92	Top of casing	592.86	585.94
EW3	21.45	Top of grate	590.52	569.07
EW4	24.31	Top of grate	590.78	566.47
EW5	24.59	Top of grate	590.69	566.1
EW6	24.2	Top of grate	590.33	566.13
EW7	24.72	Top of grate	590.31	565.59
EW8	25.94	Top of grate	591.07	565.13
MWF1	7.47	Top of casing	592.28	584.81
MWF2	9.26	Top of casing	594.66	585.4
MWF3	4.8	Top of casing	591.66	586.86
MWF4	15.92	Top of casing	594.47	578.55
MWF5	14.35	Top of casing	590.95	576.6
Old Creek Gauging Station	13.17	NA	583.54	570.37
New Creek Gauging Station	NM	NA	576.01	NM

Notes:

DTW = Depth to Water

NM = Not Measured

NA = Not Available

APPENDIX A

Weather Data – September 13 through October 4, 2013

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

Weather Data September 13 through October 4, 2013

Date	Relative Pressure (inHg)	Indoor Temp (-F)	Indoor Hum (%)	Outdoor Temp (-F)	Outdoor Hum (%)	Dewpoint (-F)	Wind Chill (-F)	Winds. (mph)	Wind Direction	Gust (mph)	Relative Rain (in)	Total Rain (in)
09.13.2013 12:00 AM	29.62	75.4	63	63	78	56.1	63	0.7	WNW	1.3	0	0.77
09.13.2013 01:00 AM	29.6	74.7	63	61.9	82	56.4	61.9	0.2	WSW	1.3	0	0.77
09.13.2013 02:00 AM	29.6	74	64	61.7	80	55.5	61.7	0.7	E	1.3	0	0.77
09.13.2013 03:00 AM	29.59	73.4	63	61	78	54.2	61	0.7	ESE	2.7	0	0.77
09.13.2013 04:00 AM	29.58	72.9	61	59.4	80	53.3	59.4	0.2	N	1.3	0	0.77
09.13.2013 05:00 AM	29.57	72	61	58	83	52.8	58	0	NW	2.7	0	0.77
09.13.2013 06:00 AM	29.56	71.3	61	57.6	81	51.8	57.6	0.2	NNW	1.3	0	0.77
09.13.2013 07:00 AM	29.57	70.7	60	56.7	79	50.3	56.7	0.4	ESE	1.3	0	0.77
09.13.2013 08:00 AM	29.57	70.2	59	55.8	81	50.1	55.8	2	NE	2.7	0	0.77
09.13.2013 09:00 AM	29.58	69.7	59	54.4	85	50	54.4	2.7	ESE	4	0	0.77
09.13.2013 10:00 AM	29.59	69.3	58	55.4	78	48.7	55.4	1.1	WSW	2.7	0	0.77
09.13.2013 11:00 AM	29.6	68.9	58	52.7	89	49.6	52.7	3.8	ENE	6.9	0	0.77
09.13.2013 12:00 PM	29.6	68.6	59	52.4	85	48.1	52.4	0.9	ESE	2.7	0.02	0.79
09.13.2013 01:00 PM	29.6	68.2	59	54	84	49.3	54	1.3	SW	2.7	0	0.79
09.13.2013 02:00 PM	29.6	68.2	59	53.5	83	48.4	53.5	1.1	ENE	2.7	0	0.79
09.13.2013 03:00 PM	29.6	68	60	53.3	83	48.2	53.3	0.4	NNW	1.3	0	0.79
09.13.2013 04:00 PM	29.6	68	59	53.6	78	47	53.6	1.8	NNE	2.7	0	0.79
09.13.2013 05:00 PM	29.61	67.9	58	54	76	46.6	54	1.3	NW	2.7	0	0.79
09.13.2013 06:00 PM	29.63	67.3	58	53.3	78	46.6	53.3	2	SE	2.7	0	0.79
09.13.2013 07:00 PM	29.61	67	57	53.5	77	46.4	53.5	0.2	SSW	1.3	0	0.79
09.13.2013 08:00 PM	29.61	66.4	57	52.9	75	45.3	52.9	0.9	NNE	2.7	0	0.79
09.13.2013 09:00 PM	29.63	66.1	57	52	82	46.7	52	0	NNW	1.3	0	0.79
09.13.2013 10:00 PM	29.63	65.5	58	51.7	77	44.7	51.7	2.5	ESE	4	0	0.79
09.13.2013 11:00 PM	29.62	65.2	57	51.7	74	43.7	51.7	0.4	WNW	1.3	0	0.79
09.14.2013 12:00 AM	29.6	64.8	57	51.8	72	43.1	51.8	1.1	NE	2.7	0	0.79
09.14.2013 01:00 AM	29.59	64.4	56	51.7	74	43.7	51.7	0.2	N	1.3	0	0.79
09.14.2013 02:00 AM	29.59	64.1	55	51.7	74	43.7	51.7	0	N	0	0	0.79
09.14.2013 03:00 AM	29.59	63.9	56	51.8	73	43.5	51.8	0	NNE	0	0	0.79
09.14.2013 04:00 AM	29.59	63.7	55	51.7	72	42.9	51.7	0.4	ENE	1.3	0	0.79
09.14.2013 05:00 AM	29.59	63.5	55	51.5	71	42.4	51.5	0.2	NNE	1.3	0	0.79
09.14.2013 06:00 AM	29.6	63.4	55	51.5	71	42.4	51.5	1.1	ENE	1.3	0	0.79
09.14.2013 07:00 AM	29.61	63.2	55	50.8	73	42.5	50.8	0.2	NNW	1.3	0	0.79
09.14.2013 08:00 AM	29.61	63	55	50.8	76	43.5	50.8	1.6	SSE	2.7	0	0.79
09.14.2013 09:00 AM	29.62	62.6	56	51.7	72	42.9	51.7	0	NW	1.3	0	0.79
09.14.2013 10:00 AM	29.64	63	55	53.5	67	42.9	53.5	0.4	WSW	1.3	0	0.79
09.14.2013 11:00 AM	29.67	64.1	54	55.1	61	42	55.1	0.9	W	2.7	0	0.79
09.14.2013 12:00 PM	29.72	66.1	52	57.4	57	42.4	57.4	0.9	NW	2.7	0	0.79
09.14.2013 01:00 PM	29.77	68.4	50	58.9	53	41.8	58.9	2.5	WNW	4	0	0.79
09.14.2013 02:00 PM	29.8	70.2	48	61	51	42.9	61	1.1	SSE	1.3	0	0.79
09.14.2013 03:00 PM	29.82	71.3	47	62.8	44	40.6	62.8	0.2	SW	2.7	0	0.79
09.14.2013 04:00 PM	29.83	72	46	63.5	46	42.4	63.5	0.7	NNW	1.3	0	0.79
09.14.2013 05:00 PM	29.85	72.4	46	63.2	50	44.3	59.3	6.7	NW	9.6	0	0.79
09.14.2013 06:00 PM	29.86	72.5	46	62.3	54	45.5	62.3	2.5	WNW	6.9	0	0.79
09.14.2013 07:00 PM	29.85	72	47	60.7	62	47.6	60.7	3.4	W	5.4	0	0.79
09.14.2013 08:00 PM	29.83	71.1	49	59.2	69	49.1	59.2	1.1	NNW	1.3	0	0.79
09.14.2013 09:00 PM	29.81	70	51	59	71	49.7	59	2.9	NW	5.4	0	0.79
09.14.2013 10:00 PM	29.78	69.1	52	59.2	71	49.9	59.2	2.5	SW	4	0	0.79
09.14.2013 11:00 PM	29.77	68.4	54	58.1	75	50.3	58.1	1.1	WNW	1.3	0	0.79
09.15.2013 12:00 AM	29.74	67.7	56	57.2	78	50.5	57.2	0.4	NW	2.7	0	0.79
09.15.2013 01:00 AM	29.73	67	58	58.3	76	50.9	58.3	1.6	W	2.7	0	0.79
09.15.2013 02:00 AM	29.72	66.6	59	58.3	76	50.9	58.3	2.5	NW	4	0	0.79
09.15.2013 03:00 AM	29.7	66.2	59	57.6	75	49.8	57.6	1.6	W	2.7	0	0.79
09.15.2013 04:00 AM	29.69	65.9	60	57.2	75	49.4	57.2	1.1	SSE	2.7	0	0.79
09.15.2013 05:00 AM	29.68	65.5	59	54.7	70	45.2	54.7	2.7	WNW	4	0	0.79
09.15.2013 06:00 AM	29.68	65	58	54.4	69	44.5	54.4	3.4	NW	4	0	0.79

09.15.2013 07:00 AM	29.68	64.6	58	54.7	74	46.6	54.7	2.2 NNW	4	0	0.79
09.15.2013 08:00 AM	29.68	64.4	59	57.2	76	49.8	57.2	2 WNW	4	0	0.79
09.15.2013 09:00 AM	29.69	64.4	60	59.8	73	51.1	59.8	1.8 N	5.4	0	0.79
09.15.2013 10:00 AM	29.71	65	61	61.9	70	52.1	61.9	3.4 NW	5.4	0	0.79
09.15.2013 11:00 AM	29.72	66.2	61	65.7	63	52.8	63.7	5.1 WNW	8.3	0	0.79
09.15.2013 12:00 PM	29.75	68	60	66.6	60	52.3	62.6	7.6 W	9.6	0	0.79
09.15.2013 01:00 PM	29.78	69.5	58	68	55	51.3	68	3.4 WNW	8.3	0	0.79
09.15.2013 02:00 PM	29.8	70.7	57	68.6	53	50.9	68.6	3.4 W	6.9	0	0.79
09.15.2013 03:00 PM	29.81	71.6	55	68.4	52	50.1	66.2	5.6 SW	8.3	0	0.79
09.15.2013 04:00 PM	29.82	72.2	54	67	54	49.9	67	1.8 NE	5.4	0	0.79
09.15.2013 05:00 PM	29.82	72.4	54	67.3	56	51.1	67.3	2.5 NW	4	0	0.79
09.15.2013 06:00 PM	29.83	72.4	54	66.1	59	51.4	66.1	1.1 NNW	2.7	0	0.79
09.15.2013 07:00 PM	29.81	72	54	64.8	64	52.4	64.8	1.8 W	4	0	0.79
09.15.2013 08:00 PM	29.8	71.5	55	63.7	67	52.6	63.7	1.3 W	2.7	0	0.79
09.15.2013 09:00 PM	29.81	70.9	56	61.2	62	48.2	61.2	0.7 NW	1.3	0	0.79
09.15.2013 10:00 PM	29.81	70.2	56	56.7	81	50.9	56.7	0 SSW	0	0.04	0.83
09.15.2013 11:00 PM	29.79	69.5	58	55.8	82	50.4	55.8	0 ESE	1.3	0.05	0.88
09.16.2013 12:00 AM	29.75	68.6	60	56	83	51	56	0.4 E	1.3	0.03	0.91
09.16.2013 01:00 AM	29.72	68	61	55.6	85	51.2	55.6	0.4 E	1.3	0	0.91
09.16.2013 02:00 AM	29.71	67.3	62	55.3	85	50.9	55.3	0.4 WNW	1.3	0	0.91
09.16.2013 03:00 AM	29.69	67	63	55.3	85	50.9	55.3	0 ENE	0	0	0.91
09.16.2013 04:00 AM	29.68	66.6	64	56.5	88	53	56.5	0.7 ENE	1.3	0	0.91
09.16.2013 05:00 AM	29.67	66.2	65	56.5	81	50.8	56.5	2.5 WNW	4	0	0.91
09.16.2013 06:00 AM	29.68	65.9	65	55.4	82	50	55.4	0 WNW	1.3	0	0.91
09.16.2013 07:00 AM	29.69	65.3	65	54.7	86	50.7	54.7	0 NNW	1.3	0	0.91
09.16.2013 08:00 AM	29.7	65.2	65	56.2	86	52	56.2	0 NNW	0	0	0.91
09.16.2013 09:00 AM	29.72	65.2	66	57.2	88	53.7	57.2	0.2 NW	1.3	0.01	0.92
09.16.2013 10:00 AM	29.62	59.9	80	56.3	87	52.6	56.3	2 ESE	5.4	0	0.92
09.16.2013 11:00 AM	29.54	56	81	53.3	88	49.9	53.3	2.5 ENE	4	0	0.92
09.16.2013 12:00 PM	29.56	56.3	79	51.8	89	48.7	48.4	5.4 ENE	6.9	0	0.92
09.16.2013 01:00 PM	29.61	58	74	53.1	84	48.4	53.1	2.2 SE	6.9	0	0.92
09.16.2013 01:30 PM	29.66	59	72	52.7	83	47.8	48.7	5.8 ESE	9.6	0	0.92
09.16.2013 02:00 PM	29.67	59.4	70	52.4	82	47.1	47.1	6.7 ESE	8.3	0	0.92
09.16.2013 02:30 PM	29.64	57.4	70	52.6	81	46.9	52.6	1.1 ENE	2.7	0	0.92
09.16.2013 03:00 PM	29.62	57.2	70	53.1	79	46.8	53.1	3.8 N	5.4	0	0.92
09.16.2013 03:30 PM	29.67	58.9	67	53.6	78	47	53.6	2.5 SE	2.7	0	0.92
09.16.2013 04:00 PM	29.66	58.1	65	53.5	75	45.8	53.5	3.8 E	6.9	0	0.92
09.16.2013 04:30 PM	29.66	58.7	67	53.1	74	45.1	53.1	2.5 ESE	5.4	0	0.92
09.16.2013 05:00 PM	29.71	60.5	65	52.9	77	45.9	52.9	1.8 E	4	0	0.92
09.16.2013 05:30 PM	29.74	61	64	53.3	75	45.6	53.3	3.4 NNE	5.4	0	0.92
09.16.2013 06:00 PM	29.76	61.6	63	54.9	69	45	50.8	6 ENE	8.3	0	0.92
09.16.2013 06:30 PM	29.78	61.9	62	53.5	72	44.7	53.5	3.4 ENE	4	0	0.92
09.16.2013 07:00 PM	29.78	62.3	62	52.9	72	44.2	52.9	1.6 ESE	2.7	0	0.92
09.16.2013 07:30 PM	29.8	62.3	61	51.7	73	43.3	51.7	0 ESE	0	0	0.92
09.16.2013 08:00 PM	29.8	62.1	61	49.3	77	42.5	49.3	0 ESE	0	0	0.92
09.16.2013 08:30 PM	29.81	61.9	61	47.2	81	41.7	47.2	0 ESE	0	0	0.92
09.16.2013 09:00 PM	29.8	61.6	60	46.4	82	41.3	46.4	0 SSE	0	0	0.92
09.16.2013 09:30 PM	29.8	61.2	60	45.9	85	41.7	45.9	0 SE	0	0	0.92
09.16.2013 10:00 PM	29.8	60.8	60	44.6	85	40.4	44.6	0.7 ESE	1.3	0	0.92
09.16.2013 10:30 PM	29.78	60.5	59	44.3	87	40.7	44.3	0 ESE	0	0	0.92
09.16.2013 11:00 PM	29.78	60.1	60	43.6	88	40.2	43.6	0 ESE	0	0	0.92
09.16.2013 11:30 PM	29.77	59.8	60	43.6	88	40.2	43.6	0.4 ESE	1.3	0	0.92
09.17.2013 12:00 AM	29.76	59.2	60	42.5	86	38.6	42.5	0 ESE	0	0	0.92
09.17.2013 12:30 AM	29.75	58.9	60	42.7	88	39.3	42.7	0 E	0	0	0.92
09.17.2013 01:00 AM	29.75	58.5	60	42.5	89	39.5	42.5	0 E	0	0	0.92
09.17.2013 01:30 AM	29.74	58.1	60	42.1	87	38.5	42.1	0 ESE	0	0	0.92
09.17.2013 02:00 AM	29.73	57.8	60	41.2	88	38	41.2	0.4 ENE	1.3	0	0.92
09.17.2013 02:30 AM	29.72	57.6	60	41.4	88	38.2	41.4	0.9 ENE	1.3	0	0.92
09.17.2013 03:00 AM	29.72	57.2	60	41.2	88	38	41.2	0.4 NE	1.3	0	0.92
09.17.2013 03:30 AM	29.72	56.9	60	41	88	37.8	41	0.4 ENE	1.3	0	0.92
09.17.2013 04:00 AM	29.71	56.7	60	40.5	87	37	40.5	0 ESE	0	0	0.92
09.17.2013 04:30 AM	29.7	56.3	60	40.3	89	37.4	40.3	0 ENE	0	0	0.92
09.17.2013 05:00 AM	29.71	56.2	60	39.8	88	36.6	39.8	0 E	0	0	0.92
09.17.2013 05:30 AM	29.7	55.8	60	39.6	89	36.6	39.6	0.7 E	1.3	0	0.92

09.17.2013 06:00 AM	29.7	55.6	60	39.2	89	36.3	39.2	0 E	0	0	0.92
09.17.2013 06:30 AM	29.7	55.3	59	38.5	89	35.6	38.5	0.9 SE	1.3	0	0.92
09.17.2013 07:00 AM	29.7	55.1	59	39.1	89	36.1	39.1	0.4 E	1.3	0	0.92
09.17.2013 07:30 AM	29.7	54.9	59	39.8	89	36.8	39.8	0.7 E	1.3	0	0.92
09.17.2013 08:00 AM	29.69	54.7	60	41.4	89	38.4	41.4	0.2 ENE	1.3	0	0.92
09.17.2013 08:30 AM	29.7	54.5	61	44.3	89	41.2	44.3	0.9 ESE	1.3	0	0.92
09.17.2013 09:00 AM	29.74	55.6	62	47.2	85	42.9	47.2	0 NNW	1.3	0	0.92
09.17.2013 09:30 AM	29.76	56.2	60	51.1	73	42.9	51.1	0.2 SE	2.7	0	0.92
09.17.2013 10:00 AM	29.74	56.2	58	53.6	67	43	53.6	1.1 NNE	1.3	0	0.92
09.17.2013 10:30 AM	29.8	57.8	56	54.7	63	42.4	52.6	4.7 ESE	6.9	0	0.92
09.17.2013 11:00 AM	29.81	58.5	56	56.2	60	42.5	53.7	4.9 ENE	6.9	0	0.92
09.17.2013 11:30 AM	29.82	59	55	57.8	58	43.1	54.8	5.4 ESE	6.9	0	0.92
09.17.2013 12:00 PM	29.84	59.8	55	58.9	57	43.8	54.9	6.3 ESE	8.3	0	0.92
09.17.2013 12:30 PM	29.88	61.6	52	60.8	53	43.7	60.8	3.6 ENE	4	0	0.92
09.17.2013 01:00 PM	29.9	63	50	61.9	51	43.7	61.9	1.8 SE	2.7	0	0.92
09.17.2013 01:30 PM	29.93	64.4	45	63.7	43	40.9	63.7	0.7 N	2.7	0	0.92
09.17.2013 02:00 PM	29.93	64.6	45	63.5	44	41.3	63.5	2.5 NNE	5.4	0	0.92
09.17.2013 02:30 PM	29.95	66.2	44	65.5	43	42.5	64.8	4 ENE	5.4	0	0.92
09.17.2013 03:00 PM	29.97	67.3	43	66.6	40	41.6	64.5	5.4 ESE	8.3	0	0.92
09.17.2013 03:30 PM	29.95	66.6	42	65.9	41	41.6	64.4	4.7 ESE	5.4	0	0.92
09.17.2013 04:00 PM	29.96	67.5	40	67	39	41.2	67	2.5 E	2.7	0	0.92
09.17.2013 04:30 PM	29.94	67.7	42	67	40	42	67	3.8 ESE	5.4	0	0.92
09.17.2013 05:00 PM	29.95	68.2	41	67.7	39	41.9	67.7	0 ESE	1.3	0	0.92
09.17.2013 05:30 PM	29.96	68.8	42	67.7	40	42.6	67.7	0.9 ENE	1.3	0	0.92
09.17.2013 06:00 PM	29.94	68.2	44	67.3	43	44.1	67.3	2 S	2.7	0	0.92
09.17.2013 06:30 PM	29.96	69.1	45	65.9	45	44	65.9	1.8 ENE	2.7	0	0.92
09.17.2013 07:00 PM	29.97	69.8	45	64.1	48	44	63.4	4 ENE	5.4	0	0.92
09.17.2013 07:30 PM	29.97	69.8	45	62.3	52	44.5	62.3	3.4 E	5.4	0	0.92
09.17.2013 08:00 PM	29.97	69.7	46	60.8	56	45.1	60.8	1.6 E	2.7	0	0.92
09.17.2013 08:30 PM	29.96	69.3	46	59.4	58	44.6	59.4	1.8 ENE	2.7	0	0.92
09.17.2013 09:00 PM	29.95	68.8	47	57.6	60	43.8	57.6	1.1 E	1.3	0	0.92
09.17.2013 09:30 PM	29.93	68.4	48	56.5	64	44.6	56.5	0 E	1.3	0	0.92
09.17.2013 10:00 PM	29.92	67.9	48	54.9	66	43.8	54.9	0 ENE	0	0	0.92
09.17.2013 10:30 PM	29.9	67.3	49	53.6	69	43.7	53.6	0.9 E	1.3	0	0.92
09.17.2013 11:00 PM	29.88	66.6	50	52.9	73	44.6	52.9	0.4 ENE	1.3	0	0.92
09.17.2013 11:30 PM	29.86	65.9	51	51.7	72	42.9	51.7	0.4 ESE	1.3	0	0.92
09.18.2013 12:00 AM	29.84	65.5	52	50.8	72	42.1	50.8	0 ESE	0	0	0.92
09.18.2013 12:30 AM	29.82	64.8	52	50	73	41.8	50	0.7 ESE	1.3	0	0.92
09.18.2013 01:00 AM	29.8	64.3	52	49.5	74	41.6	49.5	0 E	1.3	0	0.92
09.18.2013 01:30 AM	29.79	63.7	53	49.5	73	41.2	49.5	0 SE	0	0	0.92
09.18.2013 02:00 AM	29.77	63.2	53	48.4	75	40.9	48.4	0 ESE	0	0	0.92
09.18.2013 02:30 AM	29.75	62.6	54	47.9	76	40.7	47.9	0 E	0	0	0.92
09.18.2013 03:00 AM	29.73	62.3	54	47.9	78	41.4	47.9	0 E	0	0	0.92
09.18.2013 03:30 AM	29.72	61.7	54	48.6	77	41.8	48.6	0 WNW	0	0	0.92
09.18.2013 04:00 AM	29.71	61.4	54	48.2	74	40.4	48.2	0 E	0	0	0.92
09.18.2013 04:30 AM	29.69	61	54	47.5	75	40.1	47.5	0.2 ENE	1.3	0	0.92
09.18.2013 05:00 AM	29.68	60.7	55	48.2	74	40.4	48.2	0 E	0	0	0.92
09.18.2013 05:30 AM	29.67	60.3	55	47	75	39.5	47	0.4 ESE	1.3	0	0.92
09.18.2013 06:00 AM	29.67	59.9	55	46.6	77	39.8	46.6	0.9 E	1.3	0	0.92
09.18.2013 06:30 AM	29.66	59.6	55	46.1	78	39.6	46.1	0 E	1.3	0	0.92
09.18.2013 07:00 AM	29.65	59.2	56	45.4	77	38.6	45.4	0.4 ESE	1.3	0	0.92
09.18.2013 07:30 AM	29.64	58.9	55	45.9	78	39.4	45.9	0 E	0	0	0.92
09.18.2013 08:00 AM	29.61	58	56	47.9	79	41.7	47.9	0.4 ENE	1.3	0	0.92
09.18.2013 08:30 AM	29.59	57.4	58	50.4	75	42.9	50.4	0.4 ESE	1.3	0	0.92
09.18.2013 09:00 AM	29.58	56.9	59	53.5	69	43.6	53.5	3.6 WNW	5.4	0	0.92
09.18.2013 09:30 AM	29.59	57.6	56	55.8	63	43.5	55.8	0.7 WNW	1.3	0	0.92
09.18.2013 10:00 AM	29.62	58.7	57	58	59	43.7	58	1.1 NW	4	0	0.92
09.18.2013 10:30 AM	29.64	59.8	59	59.4	60	45.5	58.5	4 W	6.9	0	0.92
09.18.2013 11:00 AM	29.69	61.6	56	61.2	57	45.9	61.2	3.4 NW	4	0	0.92
09.18.2013 11:30 AM	29.73	63.2	53	63	53	45.6	63	2 NNW	4	0	0.92
09.18.2013 12:00 PM	29.77	64.8	54	64.4	52	46.4	63.7	4 NW	5.4	0	0.92
09.18.2013 12:30 PM	29.79	65.9	54	65.5	53	48	65.5	0.9 E	2.7	0	0.92
09.18.2013 01:00 PM	29.81	67	55	66.6	54	49.5	66.6	1.8 NE	2.7	0	0.92
09.18.2013 01:30 PM	29.84	68.4	50	68	51	49.3	68	2.7 WSW	4	0	0.92

09.18.2013 02:00 PM	29.85	69.5	43	69.1	43	45.7	69.1	0.9 WNW	2.7	0	0.92
09.18.2013 02:30 PM	29.85	70	45	69.7	45	47.4	69.7	2.9 WSW	4	0	0.92
09.18.2013 03:00 PM	29.86	70.4	45	70.2	44	47.4	70.2	1.6 W	2.7	0	0.92
09.18.2013 03:30 PM	29.87	71.5	46	71.5	46	49.7	71.5	2.5 W	4	0	0.92
09.18.2013 04:00 PM	29.86	71.8	48	72	46	50.1	72	1.6 NW	2.7	0	0.92
09.18.2013 04:30 PM	29.84	71.3	49	71.3	47	50	71.3	3.4 WNW	6.9	0	0.92
09.18.2013 05:00 PM	29.85	71.6	51	71.6	49	51.5	71.6	2.9 WNW	4	0	0.92
09.18.2013 05:30 PM	29.86	72	52	72.2	50	52.6	72.2	0.7 NW	4	0	0.92
09.18.2013 06:00 PM	29.87	72.7	51	71.8	51	52.7	71.8	0.4 NW	1.3	0	0.92
09.18.2013 06:30 PM	29.87	73.1	51	71.1	53	53.2	71.1	0 NW	1.3	0	0.92
09.18.2013 07:00 PM	29.88	73.3	51	68.8	56	52.5	68.8	0 NW	0	0	0.92
09.18.2013 07:30 PM	29.87	73.3	51	66.8	57	51.1	66.8	0 NNW	0	0	0.92
09.18.2013 08:00 PM	29.87	73.1	51	64.8	58	49.7	64.8	0 N	0	0	0.92
09.18.2013 08:30 PM	29.87	72.7	52	62.5	63	49.8	62.5	0 ESE	0	0	0.92
09.18.2013 09:00 PM	29.87	72.2	52	60.8	66	49.4	60.8	0 ESE	0	0	0.92
09.18.2013 09:30 PM	29.86	71.6	53	59.6	69	49.4	59.6	0 ESE	0	0	0.92
09.18.2013 10:00 PM	29.83	71.1	53	59	70	49.3	59	0 E	0	0	0.92
09.18.2013 10:30 PM	29.82	70.4	54	58.3	73	49.8	58.3	0 ESE	0	0	0.92
09.18.2013 11:00 PM	29.8	69.8	55	58.1	76	50.7	58.1	0 WSW	0	0	0.92
09.18.2013 11:30 PM	29.79	69.3	55	57.2	75	49.4	57.2	0 SE	0	0	0.92
09.19.2013 12:00 AM	29.77	68.8	56	56.9	81	51.1	56.9	0 W	0	0	0.92
09.19.2013 12:30 AM	29.76	68.2	57	56.7	82	51.3	56.7	0 ESE	0	0	0.92
09.19.2013 01:00 AM	29.74	67.9	58	56.2	81	50.4	56.2	0.7 E	1.3	0	0.92
09.19.2013 01:30 AM	29.73	67.3	58	55.1	81	49.4	55.1	0 NW	0	0	0.92
09.19.2013 02:00 AM	29.72	67	59	55.4	81	49.8	55.4	0 W	0	0	0.92
09.19.2013 02:30 AM	29.71	66.4	60	56.3	81	50.6	56.3	0 W	1.3	0	0.92
09.19.2013 03:00 AM	29.69	66.1	60	57.8	79	51.4	57.8	1.1 SW	2.7	0	0.92
09.19.2013 03:30 AM	29.69	65.7	60	58.5	77	51.4	58.5	0.2 NW	1.3	0	0.92
09.19.2013 04:00 AM	29.68	65.5	61	58.7	76	51.2	58.7	1.8 W	2.7	0	0.92
09.19.2013 04:30 AM	29.67	65.2	61	58.9	76	51.4	58.9	0 WNW	0	0	0.92
09.19.2013 05:00 AM	29.66	65	62	58.5	76	51	58.5	0.4 WNW	1.3	0	0.92
09.19.2013 05:30 AM	29.66	64.8	62	58.3	76	50.9	58.3	0.9 WNW	1.3	0	0.92
09.19.2013 06:00 AM	29.64	64.4	62	56.7	76	49.2	56.7	0.4 E	1.3	0	0.92
09.19.2013 06:30 AM	29.64	64.4	63	56	76	48.6	56	1.1 WNW	1.3	0	0.92
09.19.2013 07:00 AM	29.64	64.1	63	56.7	75	48.9	56.7	1.8 NW	2.7	0	0.92
09.19.2013 07:30 AM	29.64	63.9	63	57.2	76	49.8	57.2	1.8 WSW	2.7	0	0.92
09.19.2013 08:00 AM	29.63	63.4	64	58.3	76	50.9	58.3	0.9 WNW	2.7	0	0.92
09.19.2013 08:30 AM	29.61	62.1	71	59.4	76	51.8	59.4	0.2 NW	1.3	0	0.92
09.19.2013 09:00 AM	29.61	62.3	74	61.2	76	53.7	61.2	3.1 WNW	4	0	0.92
09.19.2013 09:30 AM	29.64	63.2	74	62.6	75	54.6	62.6	1.6 NW	2.7	0	0.92
09.19.2013 10:00 AM	29.67	64.4	74	64.3	74	55.8	64.3	2.7 NW	4	0	0.92
09.19.2013 10:30 AM	29.69	65.2	73	65.2	72	56	64.2	4.3 NW	5.4	0	0.92
09.19.2013 11:00 AM	29.72	66.6	72	66.6	70	56.5	66.6	3.4 W	4	0	0.92
09.19.2013 11:30 AM	29.74	68	70	68	68	57.2	68	2.2 WNW	4	0	0.92
09.19.2013 12:00 PM	29.76	68.9	68	68.8	67	57.4	68.8	1.1 NW	1.3	0	0.92
09.19.2013 12:30 PM	29.8	70.9	66	70.9	64	58.2	70.9	2 WNW	4	0	0.92
09.19.2013 01:00 PM	29.8	71.6	64	71.6	64	58.9	71.6	0.9 WNW	4	0	0.92
09.19.2013 01:30 PM	29.84	73.1	63	73.1	63	59.8	73.1	3.4 W	4	0	0.92
09.19.2013 02:00 PM	29.84	73.6	62	73.6	61	59.4	73.6	1.1 WNW	2.7	0	0.92
09.19.2013 02:30 PM	29.85	74.5	59	74.5	58	58.9	74.5	1.3 SW	2.7	0	0.92
09.19.2013 03:00 PM	29.87	75.4	57	75.6	55	58.3	75.6	2 NW	2.7	0	0.92
09.19.2013 03:30 PM	29.85	74.9	58	75.1	56	58.3	74.6	4 WNW	6.9	0	0.92
09.19.2013 04:00 PM	29.87	75.6	57	75.6	56	58.9	75.6	1.1 NW	2.7	0	0.92
09.19.2013 04:30 PM	29.86	76	59	76	57	59.7	76	1.1 S	2.7	0	0.92
09.19.2013 05:00 PM	29.88	76.7	57	76.3	56	59.5	76.3	0.7 ENE	1.3	0	0.92
09.19.2013 05:30 PM	29.89	77	59	75.8	53	57.5	75.8	1.8 S	4	0	0.92
09.19.2013 06:00 PM	29.89	77.4	58	75.2	54	57.5	75.2	2 NW	2.7	0	0.92
09.19.2013 06:30 PM	29.9	77.4	58	74.5	54	56.9	74.5	1.8 WNW	2.7	0	0.92
09.19.2013 07:00 PM	29.9	77.4	58	72.7	58	57.2	72.7	1.3 WNW	1.3	0	0.92
09.19.2013 07:30 PM	29.89	77	58	70.2	65	58	70.2	0 NW	0	0	0.92
09.19.2013 08:00 PM	29.88	76.7	57	68.4	69	57.9	68.4	0 SW	0	0	0.92
09.19.2013 08:30 PM	29.87	76.1	58	67	73	58.1	67	0 W	0	0	0.92
09.19.2013 09:00 PM	29.85	75.8	59	65.9	76	58.1	65.9	0 W	0	0	0.92
09.19.2013 09:30 PM	29.84	75.2	59	65	79	58.3	65	0 SSE	0	0	0.92

09.19.2013 10:00 PM	29.83	74.7	60	64.1	82	58.5	64.1	0 ESE	0	0	0.92
09.19.2013 10:30 PM	29.81	74.2	61	63.9	85	59.3	63.9	0 NNW	0	0	0.92
09.19.2013 11:00 PM	29.79	73.6	62	62.6	86	58.4	62.6	0 SE	0	0	0.92
09.19.2013 11:30 PM	29.78	73.1	63	61.7	86	57.5	61.7	0 E	0	0	0.92
09.20.2013 12:00 AM	29.76	72.5	63	61.6	86	57.3	61.6	0 E	0	0	0.92
09.20.2013 12:30 AM	29.75	72	64	60.3	87	56.4	60.3	0 ESE	0	0	0.92
09.20.2013 01:00 AM	29.74	71.5	65	59.9	86	55.8	59.9	0 SE	0	0	0.92
09.20.2013 01:30 AM	29.73	70.9	65	61.4	87	57.5	61.4	2.9 WSW	4	0	0.92
09.20.2013 02:00 AM	29.72	70.6	66	62.5	86	58.2	62.5	1.1 W	1.3	0	0.92
09.20.2013 02:30 AM	29.71	70.2	66	62.3	84	57.4	62.3	0.4 WNW	1.3	0	0.92
09.20.2013 03:00 AM	29.7	69.8	67	62.3	85	57.8	62.3	1.3 WSW	2.7	0	0.92
09.20.2013 03:30 AM	29.69	69.5	67	63	83	57.8	63	1.8 WSW	2.7	0	0.92
09.20.2013 04:00 AM	29.67	69.3	68	63	84	58.2	63	2.5 N	2.7	0	0.92
09.20.2013 04:30 AM	29.66	69.1	68	63	84	58.2	63	1.6 WNW	2.7	0	0.92
09.20.2013 05:00 AM	29.65	68.9	69	63.7	84	58.9	63.7	1.3 SW	4	0	0.92
09.20.2013 05:30 AM	29.64	68.8	69	63.4	85	58.8	63.4	1.1 WSW	4	0	0.92
09.20.2013 06:00 AM	29.64	68.6	69	63.4	84	58.5	63.4	1.8 W	2.7	0	0.92
09.20.2013 06:30 AM	29.63	68.4	69	63.4	83	58.1	63.4	1.8 SW	4	0	0.92
09.20.2013 07:00 AM	29.62	68.4	70	63.9	84	59.1	63.9	1.8 WSW	2.7	0	0.92
09.20.2013 07:30 AM	29.63	68.2	70	64.1	84	59.2	64.1	0.7 NW	1.3	0	0.92
09.20.2013 08:00 AM	29.61	67.9	73	64.1	83	58.9	64.1	0.7 WNW	1.3	0	0.92
09.20.2013 08:30 AM	29.59	66.8	80	65.3	84	60.4	65.3	3.4 NW	5.4	0	0.92
09.20.2013 09:00 AM	29.59	67.3	81	66.6	83	61.3	66.6	2.2 W	4	0	0.92
09.20.2013 09:30 AM	29.62	68.6	81	68.4	81	62.4	68.4	2.5 NW	6.9	0	0.92
09.20.2013 10:00 AM	29.64	70	79	70	78	62.9	70	2 NW	5.4	0	0.92
09.20.2013 10:30 AM	29.66	71.8	75	72.2	74	63.5	72.2	1.8 NW	6.9	0	0.92
09.20.2013 11:00 AM	29.71	74	71	74.5	69	63.7	73.1	5.4 WNW	6.9	0	0.92
09.20.2013 11:30 AM	29.74	75.1	70	75.2	68	64	75.2	3.6 NW	6.9	0	0.92
09.20.2013 12:00 PM	29.76	76.3	67	76.5	66	64.4	76.1	4 W	6.9	0	0.92
09.20.2013 12:30 PM	29.77	77.4	66	77.4	64	64.4	77.4	2 WNW	6.9	0	0.92
09.20.2013 01:00 PM	29.81	80.1	61	80.8	57	64.3	79.5	6.5 NW	8.3	0	0.92
09.20.2013 01:30 PM	29.77	78.1	65	78.5	63	64.9	78.5	2.7 W	4	0	0.92
09.20.2013 02:00 PM	29.77	79.4	63	80.1	59	64.5	80.1	1.8 WSW	2.7	0	0.92
09.20.2013 02:30 PM	29.76	79.6	63	80.3	60	65.2	80.3	3.4 NW	5.4	0	0.92
09.20.2013 03:00 PM	29.79	81.4	62	82.1	58	65.9	81.7	4.3 WNW	11	0	0.92
09.20.2013 03:30 PM	29.77	80.3	64	80.6	62	66.5	80.6	3.6 SW	8.3	0	0.92
09.20.2013 04:00 PM	29.79	81.7	63	82.3	59	66.6	82	4 WSW	5.4	0	0.92
09.20.2013 04:30 PM	29.78	81.4	64	80.8	62	66.6	80.8	2.5 WNW	4	0	0.92
09.20.2013 05:00 PM	29.77	81.5	64	80.6	62	66.5	80.6	3.6 WNW	5.4	0	0.92
09.20.2013 05:30 PM	29.76	81.5	64	80.3	64	67.1	80.3	3.4 WNW	4	0	0.92
09.20.2013 06:00 PM	29.76	81.7	64	80.3	64	67.1	80.3	3.4 WNW	5.4	0	0.92
09.20.2013 06:30 PM	29.76	81.5	64	79.4	65	66.7	79.4	2 NW	2.7	0	0.92
09.20.2013 07:00 PM	29.74	81.5	64	77.4	69	66.5	77.4	2.2 WSW	4	0	0.92
09.20.2013 07:30 PM	29.73	81.2	64	76.3	70	65.9	76.3	2.5 WNW	4	0	0.92
09.20.2013 08:00 PM	29.72	80.8	64	76	70	65.5	76	3.1 W	4	0	0.92
09.20.2013 08:30 PM	29.71	80.3	64	75.8	70	65.3	75	4.5 W	6.9	0	0.92
09.20.2013 09:00 PM	29.7	79.9	64	75.4	70	65	73.6	6 WNW	6.9	0	0.92
09.20.2013 09:30 PM	29.69	79.6	65	75.1	71	65.1	75.1	3.6 WNW	6.9	0	0.92
09.20.2013 10:00 PM	29.69	79.2	65	74.5	72	65	74.5	1.6 SSW	4	0	0.92
09.20.2013 10:30 PM	29.68	78.8	65	74.2	72	64.6	74.2	2.5 WNW	4	0	0.92
09.20.2013 11:00 PM	29.66	78.5	65	73.3	75	64.9	72.7	4 NNW	5.4	0	0.92
09.20.2013 11:30 PM	29.64	78.1	66	73.4	74	64.7	72.9	4 WNW	6.9	0	0.92
09.21.2013 12:00 AM	29.62	77.9	66	73.6	73	64.4	73.6	2.2 WNW	4	0	0.92
09.21.2013 12:30 AM	29.61	77.6	66	73.8	74	65.1	72.9	4.5 WNW	6.9	0	0.92
09.21.2013 01:00 AM	29.6	77.2	67	73.6	75	65.3	72.9	4.3 WSW	5.4	0	0.92
09.21.2013 01:30 AM	29.6	77	67	73.4	76	65.4	70.5	7.6 WNW	11	0	0.92
09.21.2013 02:00 AM	29.59	76.9	68	72	80	65.5	72	1.1 W	1.3	0	0.92
09.21.2013 02:30 AM	29.58	76.7	68	70.7	85	66.1	70.7	2.2 W	5.4	0.01	0.93
09.21.2013 03:00 AM	29.57	76.3	69	70.2	88	66.5	70.2	3.8 WSW	5.4	0	0.93
09.21.2013 03:30 AM	29.55	76.1	70	69.8	88	66.2	69.8	2.5 E	8.3	0.01	0.94
09.21.2013 04:00 AM	29.54	76	71	69.7	90	66.6	69.7	1.1 NNE	2.7	0	0.94
09.21.2013 04:30 AM	29.54	75.6	72	69.5	90	66.4	69.5	2 NW	5.4	0.05	0.99
09.21.2013 05:00 AM	29.52	75.4	72	68.6	91	65.9	68.6	2 NNW	4	0.52	1.52
09.21.2013 05:30 AM	29.51	75.2	73	68	91	65.3	68	2 NW	4	0.27	1.79

09.21.2013 06:00 AM	29.5	74.9	73	68.2	91	65.5	68.2	0.7 W	2.7	0.1	1.89
09.21.2013 06:30 AM	29.48	74.7	74	68.4	91	65.7	68.4	0 NW	0	0.15	2.05
09.21.2013 07:00 AM	29.48	74.5	74	68.4	92	66.1	68.4	0.9 NNW	2.7	0.38	2.43
09.21.2013 07:30 AM	29.49	74.2	75	63.9	90	60.9	63.9	0 N	0	0.5	2.94
09.21.2013 08:00 AM	29.48	73.8	75	63.5	91	60.9	63.5	1.1 ENE	2.7	0.1	3.04
09.21.2013 08:30 AM	29.44	73.4	75	63.2	91	60.6	62.4	4 ENE	4	0.28	3.33
09.21.2013 09:00 AM	29.46	73.1	75	62.8	91	60.2	62.8	0.4 W	1.3	0.13	3.46
09.21.2013 09:30 AM	29.46	72.7	76	62.6	91	60	62.6	0.9 ENE	1.3	0.21	3.67
09.21.2013 10:00 AM	29.46	72.4	76	62.8	91	60.2	62.8	0 ENE	0	0.11	3.78
09.21.2013 10:30 AM	29.45	72	76	63.4	91	60.8	63.4	0 NNE	0	0.08	3.86
09.21.2013 11:00 AM	29.45	71.8	77	63.2	90	60.2	63.2	0.7 WNW	1.3	0.08	3.95
09.21.2013 11:30 AM	29.44	71.6	77	63.4	90	60.4	63.4	1.1 WNW	1.3	0.06	4.01
09.21.2013 12:00 PM	29.43	71.5	77	63.4	90	60.4	63.4	0.7 WNW	1.3	0.07	4.08
09.21.2013 12:30 PM	29.42	71.3	77	63.7	87	59.9	63.7	1.8 WNW	2.7	0.04	4.12
09.21.2013 01:00 PM	29.42	71.3	77	63.7	86	59.5	63.7	1.6 NNW	2.7	0.02	4.14
09.21.2013 01:30 PM	29.42	71.3	77	63.4	87	59.5	63.4	0.9 NW	2.7	0.03	4.17
09.21.2013 02:00 PM	29.41	71.3	77	63.2	85	58.7	63.2	0.4 ENE	2.7	0.02	4.19
09.21.2013 02:30 PM	29.4	71.1	77	63	88	59.4	63	1.3 WNW	2.7	0.03	4.22
09.21.2013 03:00 PM	29.39	70.9	77	63	87	59.1	63	2.2 WNW	2.7	0.05	4.27
09.21.2013 03:30 PM	29.36	70.9	77	62.6	88	59	62.6	1.8 SW	2.7	0.04	4.31
09.21.2013 04:00 PM	29.36	70.7	77	62.3	88	58.7	62.3	1.8 NW	4	0.03	4.34
09.21.2013 04:30 PM	29.35	70.6	77	61.9	88	58.3	61.9	0.7 NW	1.3	0.05	4.39
09.21.2013 05:00 PM	29.34	70.4	77	61.7	89	58.5	61.7	2.5 E	4	0.03	4.42
09.21.2013 05:30 PM	29.34	70.2	77	61.7	88	58.2	61.7	1.6 NW	2.7	0	4.42
09.21.2013 06:00 PM	29.34	70	78	62.3	88	58.7	62.3	1.8 W	2.7	0	4.42
09.21.2013 06:30 PM	29.33	69.8	78	63	85	58.5	63	1.1 NW	2.7	0	4.42
09.21.2013 07:00 PM	29.33	69.8	78	62.6	85	58.2	62.6	2 W	4	0	4.42
09.21.2013 07:30 PM	29.36	69.7	78	59.4	87	55.5	59.4	2 WNW	4	0.07	4.49
09.21.2013 08:00 PM	29.38	69.5	77	57.6	89	54.5	57.6	0.4 NW	1.3	0	4.49
09.21.2013 08:30 PM	29.38	69.1	76	57.4	89	54.3	57.4	0.9 WNW	1.3	0	4.49
09.21.2013 09:00 PM	29.39	68.8	76	57.2	86	53.1	57.2	0.4 SW	1.3	0	4.49
09.21.2013 09:30 PM	29.39	68.4	76	56.9	85	52.5	56.9	0.2 NW	1.3	0	4.49
09.21.2013 10:00 PM	29.39	68	76	57.1	85	52.7	57.1	0 NW	0	0	4.49
09.21.2013 10:30 PM	29.41	67.9	75	56.7	82	51.3	56.7	0.4 ESE	1.3	0	4.49
09.21.2013 11:00 PM	29.41	67.5	75	56.2	83	51.1	56.2	2 WNW	4	0	4.49
09.21.2013 11:30 PM	29.4	67.3	75	55.8	81	50.1	55.8	2.2 WNW	4	0	4.49
09.22.2013 12:00 AM	29.4	67	75	55.3	81	49.6	55.3	1.3 WNW	2.7	0	4.49
09.22.2013 12:30 AM	29.39	66.6	75	55.1	82	49.7	55.1	2.9 NE	4	0	4.49
09.22.2013 01:00 AM	29.38	66.4	75	54.7	82	49.3	54.7	2.5 NNW	5.4	0	4.49
09.22.2013 01:30 AM	29.38	66.1	74	54.4	82	49.1	54.4	0.9 SSW	4	0	4.49
09.22.2013 02:00 AM	29.38	65.9	74	54.2	82	48.9	54.2	2.5 NW	4	0	4.49
09.22.2013 02:30 AM	29.37	65.5	74	54	82	48.7	54	0.2 WNW	1.3	0	4.49
09.22.2013 03:00 AM	29.37	65.3	74	53.6	84	49	53.6	1.1 WSW	1.3	0	4.49
09.22.2013 03:30 AM	29.36	65.2	74	52.7	84	48.1	52.7	1.3 WNW	2.7	0	4.49
09.22.2013 04:00 AM	29.37	64.8	74	52	85	47.7	52	3.6 WNW	4	0	4.49
09.22.2013 04:30 AM	29.37	64.4	74	51.1	86	47.1	51.1	1.8 WNW	2.7	0	4.49
09.22.2013 05:00 AM	29.36	64.1	74	50.8	87	47.1	50.8	0.2 WNW	1.3	0	4.49
09.22.2013 05:30 AM	29.36	63.7	74	50.2	86	46.3	50.2	0.4 WNW	1.3	0	4.49
09.22.2013 06:00 AM	29.36	63.4	74	49.7	87	46	49.7	2 WNW	4	0	4.49
09.22.2013 06:30 AM	29.36	63	74	50	87	46.4	50	1.8 WSW	2.7	0	4.49
09.22.2013 07:00 AM	29.36	62.8	74	50.8	87	47.1	50.8	0.9 W	1.3	0	4.49
09.22.2013 07:30 AM	29.37	62.5	74	50	86	46.1	50	0.4 SE	1.3	0	4.49
09.22.2013 08:00 AM	29.37	62.3	74	51.3	88	47.9	51.3	0.2 WNW	2.7	0	4.49
09.22.2013 08:30 AM	29.37	62.3	74	52.2	84	47.5	52.2	1.1 WNW	1.3	0	4.49
09.22.2013 09:00 AM	29.37	62.3	74	53.5	75	45.8	53.5	0.9 N	2.7	0	4.49
09.22.2013 09:30 AM	29.38	62.3	73	54.4	75	46.6	54.4	0.4 SSW	1.3	0	4.49
09.22.2013 10:00 AM	29.4	62.3	73	54.2	73	45.7	54.2	0 SW	1.3	0	4.49
09.22.2013 10:30 AM	29.41	62.6	72	53.6	74	45.6	53.6	0.4 W	1.3	0	4.49
09.22.2013 11:00 AM	29.43	62.8	71	54.7	66	43.7	54.7	1.3 WSW	4	0	4.49
09.22.2013 11:30 AM	29.44	63.2	70	55.4	69	45.5	55.4	0.7 ESE	2.7	0	4.49
09.22.2013 12:00 PM	29.45	63.5	69	56	69	46	56	0.7 NW	1.3	0	4.49
09.22.2013 12:30 PM	29.46	64.1	69	56.3	65	44.7	56.3	0.7 WSW	1.3	0	4.49
09.22.2013 01:00 PM	29.48	64.4	68	55.8	65	44.3	55.8	2.7 E	4	0	4.49
09.22.2013 01:30 PM	29.49	64.6	67	55.8	69	45.8	55.8	0.4 WNW	2.7	0	4.49

09.22.2013 02:00 PM	29.5	65	66	56.2	66	45	56.2	0.4 ENE	2.7	0	4.49
09.22.2013 02:30 PM	29.52	65.3	65	57.8	61	44.5	56.9	4 W	6.9	0	4.49
09.22.2013 03:00 PM	29.54	65.9	65	57.8	62	44.9	57.8	0.4 WNW	1.3	0	4.49
09.22.2013 03:30 PM	29.54	66.2	64	57.6	61	44.3	57.6	0.7 SE	1.3	0	4.49
09.22.2013 04:00 PM	29.55	66.4	63	57.4	64	45.4	57.4	0.2 WSW	1.3	0	4.49
09.22.2013 04:30 PM	29.57	66.8	63	57.2	65	45.6	57.2	1.1 ENE	2.7	0	4.49
09.22.2013 05:00 PM	29.57	66.8	62	56.9	64	44.9	56.9	2.9 ENE	4	0	4.49
09.22.2013 05:30 PM	29.58	67	62	56.5	62	43.7	56.5	0.9 N	5.4	0	4.49
09.22.2013 06:00 PM	29.59	67	61	56.5	63	44.1	56.5	0.9 NNW	1.3	0	4.49
09.22.2013 06:30 PM	29.6	67	61	54.4	62	41.7	54.4	1.6 SE	2.7	0	4.49
09.22.2013 07:00 PM	29.6	66.6	60	53.8	63	41.6	53.8	2.5 S	4	0	4.49
09.22.2013 07:30 PM	29.59	66.4	60	53.5	66	42.4	53.5	0.4 NNE	1.3	0	4.49
09.22.2013 08:00 PM	29.59	66.1	60	53.6	68	43.4	53.6	0.2 NW	1.3	0	4.49
09.22.2013 08:30 PM	29.59	65.7	60	53.3	65	41.9	53.3	0 NNE	1.3	0	4.49
09.22.2013 09:00 PM	29.59	65.3	61	53.6	67	43	53.6	0 NNW	0	0	4.49
09.22.2013 09:30 PM	29.59	65	61	53.1	66	42	53.1	0.2 NNW	1.3	0	4.49
09.22.2013 10:00 PM	29.59	64.6	61	52.9	66	42	52.9	2.7 ENE	5.4	0	4.49
09.22.2013 10:30 PM	29.59	64.4	61	52.6	68	42.3	52.6	0 N	0	0	4.49
09.22.2013 11:00 PM	29.58	64.1	62	52.7	68	42.5	52.7	0 NE	1.3	0	4.49
09.22.2013 11:30 PM	29.58	63.7	62	52.6	69	42.8	52.6	0 NE	0	0	4.49
09.23.2013 12:00 AM	29.57	63.5	63	52.4	69	42.6	52.4	0.4 SW	1.3	0	4.49
09.23.2013 12:30 AM	29.56	63.4	63	52.4	69	42.6	52.4	0 NE	1.3	0	4.49
09.23.2013 01:00 AM	29.56	63.2	63	52.2	70	42.8	52.2	0.4 E	1.3	0	4.49
09.23.2013 01:30 AM	29.56	63	64	52	69	42.2	52	0.4 E	2.7	0	4.49
09.23.2013 02:00 AM	29.56	62.8	64	52.2	71	43.1	52.2	0.4 E	1.3	0	4.49
09.23.2013 02:30 AM	29.56	62.6	64	52.2	72	43.5	52.2	0 ESE	0	0	4.49
09.23.2013 03:00 AM	29.56	62.5	65	52	71	42.9	52	0.4 E	1.3	0	4.49
09.23.2013 03:30 AM	29.56	62.3	65	52	72	43.3	52	0 NE	0	0	4.49
09.23.2013 04:00 AM	29.55	62.1	65	52.2	72	43.5	52.2	0 NE	0	0	4.49
09.23.2013 04:30 AM	29.55	62.1	66	52	72	43.3	52	0.2 E	1.3	0	4.49
09.23.2013 05:00 AM	29.56	61.9	66	51.7	71	42.6	51.7	0.7 ENE	1.3	0	4.49
09.23.2013 05:30 AM	29.56	61.7	66	51.3	72	42.6	51.3	2.9 ENE	4	0	4.49
09.23.2013 06:00 AM	29.56	61.6	65	50.9	73	42.7	50.9	1.1 E	4	0	4.49
09.23.2013 06:30 AM	29.56	61.4	65	50.8	72	42.1	50.8	2 ESE	4	0	4.49
09.23.2013 07:00 AM	29.57	61.4	65	50	73	41.8	50	1.3 E	1.3	0	4.49
09.23.2013 07:30 AM	29.57	61	65	49	75	41.4	49	0.7 ESE	1.3	0	4.49
09.23.2013 08:00 AM	29.52	58.3	61	49.7	75	42.1	49.7	0 E	1.3	0	4.49
09.23.2013 08:30 AM	29.49	57.6	59	50.8	71	41.8	50.8	2.5 E	5.4	0	4.49
09.23.2013 09:00 AM	29.47	56.3	59	52.7	66	41.8	52.7	2.7 ENE	4	0	4.49
09.23.2013 09:30 AM	29.45	55.4	60	52.7	64	41	51.7	4 SE	5.4	0	4.49
09.23.2013 10:00 AM	29.46	56	58	53.6	62	41	53.6	2.2 E	2.7	0	4.49
09.23.2013 10:30 AM	29.46	55.4	59	53.6	61	40.6	53.6	2.7 E	4	0	4.49
09.23.2013 11:00 AM	29.48	56.5	60	55.1	61	42	54.1	4 ENE	5.4	0	4.49
09.23.2013 11:30 AM	29.5	56.9	61	55.6	63	43.3	55.6	0.7 SE	1.3	0	4.49
09.23.2013 12:00 PM	29.51	57.4	57	56.2	57	41.1	56.2	0.7 NE	1.3	0	4.49
09.23.2013 12:30 PM	29.54	58.9	52	58	53	41	53.2	6.9 NE	8.3	0	4.49
09.23.2013 01:00 PM	29.57	59.8	56	58.5	55	42.4	58.5	0.4 SSW	1.3	0	4.49
09.23.2013 01:30 PM	29.57	59.9	53	58.3	54	41.8	58.3	0.9 WNW	2.7	0	4.49
09.23.2013 02:00 PM	29.6	61	53	60.1	54	43.5	60.1	0.2 SSW	1.3	0	4.49
09.23.2013 02:30 PM	29.59	61.2	54	60.3	55	44.1	60.3	1.1 WNW	1.3	0	4.49
09.23.2013 03:00 PM	29.59	61.4	50	60.5	50	41.8	60.5	3.6 W	4	0	4.49
09.23.2013 03:30 PM	29.6	61.6	51	60.8	52	43.1	60.8	0.4 NW	1.3	0	4.49
09.23.2013 04:00 PM	29.59	61.7	51	61.2	51	42.9	61.2	0.7 NW	1.3	0	4.49
09.23.2013 04:30 PM	29.61	62.5	52	61.2	50	42.5	61.2	0.4 ENE	1.3	0	4.49
09.23.2013 05:00 PM	29.62	62.5	50	61	51	42.9	61	0.9 NNW	1.3	0	4.49
09.23.2013 05:30 PM	29.62	62.8	52	60.7	52	43	60.7	1.1 NW	2.7	0	4.49
09.23.2013 06:00 PM	29.67	65	51	60.1	50	41.5	60.1	0.9 SE	1.3	0	4.49
09.23.2013 06:30 PM	29.69	65.7	51	59.6	52	41.9	59.6	0.2 NW	1.3	0	4.49
09.23.2013 07:00 PM	29.71	65.9	52	58	55	42	58	0 ESE	0	0	4.49
09.23.2013 07:30 PM	29.7	65.7	53	56.2	63	43.7	56.2	0.4 WNW	1.3	0	4.49
09.23.2013 08:00 PM	29.7	65.5	54	55.1	68	44.7	55.1	0.2 NW	1.3	0	4.49
09.23.2013 08:30 PM	29.69	65.2	55	54.2	71	45	54.2	0 WSW	0	0	4.49
09.23.2013 09:00 PM	29.68	64.8	56	53.5	72	44.7	53.5	0 WSW	0	0	4.49
09.23.2013 09:30 PM	29.67	64.3	57	52	72	43.3	52	0 NE	0	0	4.49

09.23.2013 10:00 PM	29.67	63.9	57	51.7	74	43.7	51.7	0 NW	0	0	4.49
09.23.2013 10:30 PM	29.65	63.4	58	50.8	74	42.9	50.8	0 NW	0	0	4.49
09.23.2013 11:00 PM	29.64	63	59	50.2	75	42.7	50.2	0 NW	0	0	4.49
09.23.2013 11:30 PM	29.63	62.6	60	49.3	78	42.8	49.3	0 NE	0	0	4.49
09.24.2013 12:00 AM	29.62	62.1	61	47.9	82	42.7	47.9	0 ESE	0	0	4.49
09.24.2013 12:30 AM	29.61	61.7	61	49	83	44	49	0 E	0	0	4.49
09.24.2013 01:00 AM	29.6	61.4	62	48.4	84	43.8	48.4	0 ESE	0	0	4.49
09.24.2013 01:30 AM	29.59	60.8	62	48.2	81	42.8	48.2	0 ESE	0	0	4.49
09.24.2013 02:00 AM	29.57	60.5	63	47.2	83	42.3	47.2	0 SSW	0	0	4.49
09.24.2013 02:30 AM	29.56	60.1	63	45.9	84	41.4	45.9	0 E	0	0	4.49
09.24.2013 03:00 AM	29.55	59.8	64	44.8	86	41	44.8	0 ESE	0	0	4.49
09.24.2013 03:30 AM	29.54	59.4	64	44.8	87	41.2	44.8	0 ESE	0	0	4.49
09.24.2013 04:00 AM	29.52	59	64	44.1	87	40.5	44.1	0 ENE	0	0	4.49
09.24.2013 04:30 AM	29.52	58.7	64	43.4	88	40.1	43.4	0.4 E	1.3	0	4.49
09.24.2013 05:00 AM	29.51	58.3	64	43.7	88	40.4	43.7	0.4 E	1.3	0	4.49
09.24.2013 05:30 AM	29.5	58	64	43.4	87	39.8	43.4	0 SE	0	0	4.49
09.24.2013 06:00 AM	29.49	57.6	64	42.8	86	39	42.8	0 SSE	0	0	4.49
09.24.2013 06:30 AM	29.49	57.4	65	41.8	86	37.9	41.8	0 E	0	0	4.49
09.24.2013 07:00 AM	29.49	57.1	64	41.6	87	38	41.6	0.4 E	1.3	0	4.49
09.24.2013 07:30 AM	29.49	56.9	64	41.6	87	38	41.6	0 E	0	0	4.49
09.24.2013 08:00 AM	29.48	56.2	62	43.2	87	39.6	43.2	0 ENE	0	0	4.49
09.24.2013 08:30 AM	29.48	56.5	64	45.4	88	42	45.4	0 ESE	0	0	4.49
09.24.2013 09:00 AM	29.5	57.2	66	48.6	88	45.3	48.6	0 WSW	0	0	4.49
09.24.2013 09:30 AM	29.52	58.3	67	52	84	47.3	52	0.4 ESE	1.3	0	4.49
09.24.2013 10:00 AM	29.51	58.5	66	54	77	47	54	2 E	2.7	0	4.49
09.24.2013 10:30 AM	29.53	59.4	65	55.8	73	47.4	55.8	1.3 ENE	2.7	0	4.49
09.24.2013 11:00 AM	29.52	58.7	65	57.2	70	47.6 ---	---	---	---	0	4.49
09.24.2013 11:30 AM	29.53	59.8	63	58.9	64	46.7	57	4.7 ENE	6.9	0	4.49
09.24.2013 12:00 PM	29.55	60.5	65	60.1	65	48.3 ---	---	---	---	0	4.49
09.24.2013 12:30 PM	29.58	61.9	64	61.2	65	49.4 ---	---	---	---	0	4.49
09.24.2013 01:00 PM	29.6	62.8	59	61.9	60	47.9	61.9	2.9 NW	4	0	4.49
09.24.2013 01:30 PM	29.61	63.9	60	62.8	60	48.8	62.8	0.4 NW	1.3	0	4.49
09.24.2013 02:00 PM	29.63	64.8	60	63.7	59	49.1	63.7	0.7 NW	1.3	0	4.49
09.24.2013 02:30 PM	29.64	65.7	58	65	58	49.9	62.9	5.1 W	8.3	0	4.49
09.24.2013 03:00 PM	29.64	65.9	58	65.5	58	50.4	65.5	1.8 NW	4	0	4.49
09.24.2013 03:30 PM	29.64	66.6	59	65.9	57	50.3	65.9	0.4 ENE	1.3	0	4.49
09.24.2013 04:00 PM	29.66	67.5	56	66.2	56	50.1	64.7	4.7 NW	8.3	0	4.49
09.24.2013 04:30 PM	29.67	68.2	57	66.4	56	50.3	66.4	0 NW	0	0	4.49
09.24.2013 05:00 PM	29.69	68.8	57	65.9	56	49.8	65.9	1.3 E	2.7	0	4.49
09.24.2013 05:30 PM	29.69	69.1	57	65	57	49.4	65	0.4 SSW	1.3	0	4.49
09.24.2013 06:00 PM	29.7	69.3	57	64.1	56	48.2	64.1	0 N	0	0	4.49
09.24.2013 06:30 PM	29.71	69.5	56	62.6	57	47.3	62.6	1.1 ENE	2.7	0	4.49
09.24.2013 07:00 PM	29.7	69.3	56	60.5	50	41.8	60.5	0.4 NE	1.3	0	4.49
09.24.2013 07:30 PM	29.69	68.9	56	58.7	53	41.7	58.7	0 ENE	0	0	4.49
09.24.2013 08:00 PM	29.69	68.6	55	56.9	53	40	56.9	0 ENE	0	0	4.49
09.24.2013 08:30 PM	29.68	68	55	54.2	57	39.3	54.2	0.4 ESE	1.3	0	4.49
09.24.2013 09:00 PM	29.65	67.3	55	53.3	62	40.6	53.3	0 E	0	0	4.49
09.24.2013 09:30 PM	29.64	67	55	51.7	64	39.9	51.7	0.4 ESE	1.3	0	4.49
09.24.2013 10:00 PM	29.62	66.1	55	50.8	68	40.6	50.8	0 W	0	0	4.49
09.24.2013 10:30 PM	29.6	65.5	56	50	73	41.8	50	0 SSW	0	0	4.49
09.24.2013 11:00 PM	29.58	65	56	49	74	41	49	0.7 E	1.3	0	4.49
09.24.2013 11:30 PM	29.57	64.4	57	48.6	74	40.7	48.6	0 ESE	0	0	4.49
09.25.2013 12:00 AM	29.55	63.7	56	48.2	74	40.4	48.2	0.4 E	1.3	0	4.49
09.25.2013 12:30 AM	29.54	63.2	57	47.5	75	40.1	47.5	0.4 ESE	1.3	0	4.49
09.25.2013 01:00 AM	29.52	62.6	58	47.7	77	40.9	47.7	0 ENE	0	0	4.49
09.25.2013 01:30 AM	29.51	62.3	58	46.8	79	40.7	46.8	0 ESE	0	0	4.49
09.25.2013 02:00 AM	29.5	61.7	59	46.4	80	40.6	46.4	0 ESE	0	0	4.49
09.25.2013 02:30 AM	29.49	61.4	59	46.3	81	40.8	46.3	0 N	0	0	4.49
09.25.2013 03:00 AM	29.48	60.8	60	45.2	83	40.3	45.2	0 E	0	0	4.49
09.25.2013 03:30 AM	29.46	60.5	60	45	85	40.8	45	0.7 E	1.3	0	4.49
09.25.2013 04:00 AM	29.44	60.1	60	44.3	84	39.8	44.3	0.2 E	1.3	0	4.49
09.25.2013 04:30 AM	29.43	59.8	60	43.7	85	39.5	43.7	0 E	0	0	4.49
09.25.2013 05:00 AM	29.42	59.4	61	43.2	84	38.7	43.2	0.7 ESE	1.3	0	4.49
09.25.2013 05:30 AM	29.41	59	61	43	84	38.5	43	0 E	0	0	4.49

09.25.2013 06:00 AM	29.4	58.7	61	42.8	85	38.7	42.8	0 E	1.3	0	4.49
09.25.2013 06:30 AM	29.4	58.5	61	42.7	85	38.5	42.7	0 E	0	0	4.49
09.25.2013 07:00 AM	29.39	58	62	43.2	85	39	43.2	0.4 E	1.3	0	4.49
09.25.2013 07:30 AM	29.39	58	62	43.6	86	39.7	43.6	0.4 ESE	1.3	0	4.49
09.25.2013 08:00 AM	29.38	57.6	62	44.8	86	41	44.8	0.9 E	1.3	0	4.49
09.25.2013 08:30 AM	29.39	58	62	47.9	84	43.3	47.9	0 SW	0	0	4.49
09.25.2013 09:00 AM	29.42	58.9	62	50.6	82	45.4	50.6	0.7 E	1.3	0	4.49
09.25.2013 09:30 AM	29.45	59.9	63	53.3	80	47.4	53.3	0 W	0	0	4.49
09.25.2013 10:00 AM	29.46	60.1	65	56.2	79	49.8	56.2	1.1 ENE	1.3	0	4.49
09.25.2013 10:30 AM	29.45	60.1	67	58.1	74	50	58.1	3.4 ENE	4	0	4.49
09.25.2013 11:00 AM	29.47	61.2	67	60.7	69	50.5	60.7	3.1 ESE	4	0	4.49
09.25.2013 11:30 AM	29.5	62.5	66	62.1	65	50.2	62.1	3.8 E	5.4	0	4.49
09.25.2013 12:00 PM	29.54	64.1	62	64.4	59	49.9	64.4	2.2 E	2.7	0	4.49
09.25.2013 12:30 PM	29.58	66.2	55	66.4	52	48.3	66.4	1.1 E	2.7	0	4.49
09.25.2013 01:00 PM	29.63	67.7	52	67.7	48	47.4	67.7	0.7 ENE	2.7	0	4.49
09.25.2013 01:30 PM	29.65	69.1	50	69.1	47	48.1	69.1	0.4 NW	2.7	0	4.49
09.25.2013 02:00 PM	29.66	70.2	51	70	50	50.6	70	1.1 NE	1.3	0	4.49
09.25.2013 02:30 PM	29.69	71.6	47	71.8	45	49.4	71.8	0.7 SE	1.3	0	4.49
09.25.2013 03:00 PM	29.67	70.7	47	70.6	45	48.2	70.6	0.4 ESE	2.7	0	4.49
09.25.2013 03:30 PM	29.68	71.5	45	71.5	44	48.5	71.5	2.5 E	5.4	0	4.49
09.25.2013 04:00 PM	29.68	71.6	49	71.5	47	50.2	71.5	1.8 E	2.7	0	4.49
09.25.2013 04:30 PM	29.67	71.6	50	70.9	47	49.8	70.9	3.6 E	5.4	0	4.49
09.25.2013 05:00 PM	29.69	72	51	69.7	47	48.6	69.7	3.4 ENE	4	0	4.49
09.25.2013 05:30 PM	29.69	72	51	68.9	46	47.3	68.9	3.6 ENE	5.4	0	4.49
09.25.2013 06:00 PM	29.71	72.2	51	67.9	46	46.4	67.9	1.3 NE	2.7	0	4.49
09.25.2013 06:30 PM	29.7	72.2	50	66.1	50	46.9	66.1	2.7 ENE	4	0	4.49
09.25.2013 07:00 PM	29.7	71.8	51	64.4	50	45.5	64.4	0.4 ENE	1.3	0	4.49
09.25.2013 07:30 PM	29.7	71.5	51	62.8	50	43.9	62.8	2.5 ESE	4	0	4.49
09.25.2013 08:00 PM	29.69	71.1	51	61.6	52	43.8	61.6	1.6 ENE	2.7	0	4.49
09.25.2013 08:30 PM	29.68	70.6	51	60.1	56	44.4	60.1	1.8 ENE	2.7	0	4.49
09.25.2013 09:00 PM	29.67	69.8	51	58.3	58	43.7	58.3	0 E	1.3	0	4.49
09.25.2013 09:30 PM	29.67	69.5	51	56.9	61	43.7	56.9	0 ESE	0	0	4.49
09.25.2013 10:00 PM	29.65	68.8	52	55.3	65	43.8	55.3	0 ESE	0	0	4.49
09.25.2013 10:30 PM	29.64	68.2	52	55.3	66	44.1	55.3	0.9 E	1.3	0	4.49
09.25.2013 11:00 PM	29.63	67.7	53	54.9	66	43.8	54.9	0.4 E	1.3	0	4.49
09.25.2013 11:30 PM	29.63	67.1	54	54.4	69	44.5	54.4	0 ESE	0	0	4.49
09.26.2013 12:00 AM	29.6	66.6	54	53.5	74	45.5	53.5	0 ESE	0	0	4.49
09.26.2013 12:30 AM	29.59	66.1	55	52.7	74	44.7	52.7	0 ENE	0	0	4.49
09.26.2013 01:00 AM	29.58	65.5	56	52	75	44.4	52	0 E	0	0	4.49
09.26.2013 01:30 AM	29.57	65	57	50.4	79	44.2	50.4	0 ESE	0	0	4.49
09.26.2013 02:00 AM	29.56	64.6	57	49.7	82	44.5	49.7	0.4 E	1.3	0	4.49
09.26.2013 02:30 AM	29.55	64.1	57	48.6	83	43.8	48.6	0 ESE	0	0	4.49
09.26.2013 03:00 AM	29.54	63.7	58	49	82	43.8	49	0 E	0	0	4.49
09.26.2013 03:30 AM	29.53	63	58	48.2	81	42.8	48.2	0.7 E	1.3	0	4.49
09.26.2013 04:00 AM	29.52	62.8	59	47.9	82	42.7	47.9	0.7 E	1.3	0	4.49
09.26.2013 04:30 AM	29.51	62.3	59	47.7	81	42.2	47.7	0 ESE	0	0	4.49
09.26.2013 05:00 AM	29.51	61.9	59	47	82	41.8	47	0 ESE	0	0	4.49
09.26.2013 05:30 AM	29.5	61.6	59	46.4	83	41.6	46.4	0.4 E	1.3	0	4.49
09.26.2013 06:00 AM	29.49	61	60	46.3	84	41.7	46.3	0 E	0	0	4.49
09.26.2013 06:30 AM	29.49	60.8	59	46.1	83	41.2	46.1	0.4 SE	1.3	0	4.49
09.26.2013 07:00 AM	29.49	60.3	59	46.1	83	41.2	46.1	0 E	0	0	4.49
09.26.2013 07:30 AM	29.49	60.1	59	45.9	83	41	45.9	0 E	0	0	4.49
09.26.2013 08:00 AM	29.49	59.8	59	47.7	83	42.9	47.7	0.4 E	1.3	0	4.49
09.26.2013 08:30 AM	29.47	58.7	60	49.9	82	44.7	49.9	0.4 E	1.3	0	4.49
09.26.2013 09:00 AM	29.46	58.1	62	52	78	45.4	52	0 WNW	0	0	4.49
09.26.2013 09:30 AM	29.48	58.5	63	54.7	75	47	54.7	1.8 ENE	2.7	0	4.49
09.26.2013 10:00 AM	29.5	59.4	63	57.4	69	47.3	57.4	0.4 ENE	2.7	0	4.49
09.26.2013 10:30 AM	29.54	60.7	61	60.3	63	47.7	60.3	0.4 WSW	1.3	0	4.49
09.26.2013 11:00 AM	29.58	62.5	58	63	57	47.6	63	2 E	4	0	4.49
09.26.2013 11:30 AM	29.63	64.4	56	65.3	53	47.8	65.3	0.4 SSW	1.3	0	4.49
09.26.2013 12:00 PM	29.67	66.1	53	67	49	47.3	65.5	4.7 NE	6.9	0	4.49
09.26.2013 12:30 PM	29.72	67.9	51	68.4	47	47.4	68.4	3.8 E	6.9	0	4.49
09.26.2013 01:00 PM	29.74	68.8	49	68.9	47	48	66.8	5.6 E	6.9	0	4.49
09.26.2013 01:30 PM	29.76	69.8	50	69.7	48	49.1	69.7	3.4 E	5.4	0	4.49

09.26.2013 02:00 PM	29.79	70.6	51	70.2	50	50.8	69.4	4.3 ENE	5.4	0	4.49
09.26.2013 02:30 PM	29.82	72.9	51	73.4	48	52.7	72.9	4 ENE	5.4	0	4.49
09.26.2013 03:00 PM	29.8	71.6	53	71.5	51	52.5	70.7	4.3 NE	5.4	0	4.49
09.26.2013 03:30 PM	29.8	71.3	54	70.6	53	52.7	68.6	5.6 NNE	9.6	0	4.49
09.26.2013 04:00 PM	29.81	71.6	53	70.9	53	53	70.9	2.5 E	4	0	4.49
09.26.2013 04:30 PM	29.82	72	54	71.3	52	52.8	70.1	4.7 E	5.4	0	4.49
09.26.2013 05:00 PM	29.84	73.1	54	70	53	52.2	69.4	4 E	6.9	0	4.49
09.26.2013 05:30 PM	29.86	73.3	54	70.2	53	52.3	69.4	4.3 ESE	6.9	0	4.49
09.26.2013 06:00 PM	29.87	73.4	53	69.5	54	52.2	69.5	3.4 ESE	4	0	4.49
09.26.2013 06:30 PM	29.87	73.4	54	68	56	51.9	68	2.5 ENE	5.4	0	4.49
09.26.2013 07:00 PM	29.88	73.3	54	66.6	58	51.4	66.6	3.4 ENE	4	0	4.49
09.26.2013 07:30 PM	29.88	72.9	54	65.2	61	51.4	65.2	1.8 SE	2.7	0	4.49
09.26.2013 08:00 PM	29.87	72.5	54	63.7	63	51	63.7	1.1 ENE	1.3	0	4.49
09.26.2013 08:30 PM	29.87	72.2	54	62.1	66	50.7	62.1	0.7 ESE	1.3	0	4.49
09.26.2013 09:00 PM	29.85	71.6	55	59.8	69	49.6	59.8	0 E	0	0	4.49
09.26.2013 09:30 PM	29.84	70.9	55	59	71	49.7	59	0 ESE	0	0	4.49
09.26.2013 10:00 PM	29.84	70.6	56	58.5	73	50	58.5	0 ENE	0	0	4.49
09.26.2013 10:30 PM	29.83	69.8	57	57.2	76	49.8	57.2	0 ESE	0	0	4.49
09.26.2013 11:00 PM	29.81	69.5	57	56.2	78	49.4	56.2	0 E	0	0	4.49
09.26.2013 11:30 PM	29.8	68.8	57	56.2	78	49.4	56.2	0.9 ESE	1.3	0	4.49
09.27.2013 12:00 AM	29.8	68.2	58	56.3	79	50	56.3	0 E	0	0	4.49
09.27.2013 12:30 AM	29.79	67.9	59	55.8	79	49.4	55.8	0 E	0	0	4.49
09.27.2013 01:00 AM	29.78	67.3	59	54.5	81	48.9	54.5	0 ENE	0	0	4.49
09.27.2013 01:30 AM	29.77	67	60	55.8	81	50.1	55.8	0 ENE	0	0	4.49
09.27.2013 02:00 AM	29.76	66.6	61	56.2	81	50.4	56.2	0.4 ESE	1.3	0	4.49
09.27.2013 02:30 AM	29.76	66.2	61	55.8	80	49.8	55.8	0.4 E	1.3	0	4.49
09.27.2013 03:00 AM	29.75	65.9	61	55.1	80	49.1	55.1	0 ESE	0	0	4.49
09.27.2013 03:30 AM	29.74	65.7	62	54.7	81	49.1	54.7	0 E	0	0	4.49
09.27.2013 04:00 AM	29.74	65.3	62	54.4	82	49.1	54.4	0 ESE	1.3	0	4.49
09.27.2013 04:30 AM	29.74	65.2	62	53.8	82	48.5	53.8	0.4 ENE	1.3	0	4.49
09.27.2013 05:00 AM	29.74	64.8	62	52.6	82	47.3	52.6	0 ESE	0	0	4.49
09.27.2013 05:30 AM	29.74	64.4	62	51.5	84	46.8	51.5	0.4 ESE	1.3	0	4.49
09.27.2013 06:00 AM	29.74	64.1	63	51.3	85	47	51.3	0.4 E	1.3	0	4.49
09.27.2013 06:30 AM	29.74	63.7	63	51.8	86	47.8	51.8	0 ESE	0	0	4.49
09.27.2013 07:00 AM	29.73	63.5	63	51.1	85	46.8	51.1	0 ESE	0	0	4.49
09.27.2013 07:30 AM	29.74	63.2	63	50.6	86	46.5	50.6	0.4 ESE	1.3	0	4.49
09.27.2013 08:00 AM	29.72	62.1	63	51.3	87	47.6	51.3	0.7 E	1.3	0	4.49
09.27.2013 08:30 AM	29.7	61.6	67	53.6	87	49.9	53.6	1.1 ENE	2.7	0	4.49
09.27.2013 09:00 AM	29.67	59.9	72	55.8	85	51.4	55.8	1.6 E	2.7	0	4.49
09.27.2013 09:30 AM	29.67	59.9	75	58	81	52.2	58	2.5 ENE	2.7	0	4.49
09.27.2013 10:00 AM	29.69	60.7	73	59.6	76	52	59.6	1.3 ENE	2.7	0	4.49
09.27.2013 10:30 AM	29.72	62.1	70	61.4	70	51.6	61.4	3.1 E	5.4	0	4.49
09.27.2013 11:00 AM	29.76	63.5	67	63.2	67	52.1	62.4	4 ENE	5.4	0	4.49
09.27.2013 11:30 AM	29.78	64.1	66	63.7	66	52.2	63.7	2.5 ESE	4	0	4.49
09.27.2013 12:00 PM	29.81	65.2	65	64.8	65	52.8	64.8	1.1 ENE	2.7	0	4.49
09.27.2013 12:30 PM	29.85	67	62	66.6	61	52.7	65.2	4.7 ENE	6.9	0	4.49
09.27.2013 01:00 PM	29.87	68	61	67.5	60	53.2	67.5	1.8 E	4	0	4.49
09.27.2013 01:30 PM	29.88	68	59	67.1	58	51.9	67.1	2.5 ENE	6.9	0	4.49
09.27.2013 02:00 PM	29.9	69.1	60	67.9	58	52.6	67.9	2.2 SE	5.4	0	4.49
09.27.2013 02:30 PM	29.91	70.2	60	69.8	56	53.5	69.8	1.6 ESE	2.7	0	4.49
09.27.2013 03:00 PM	29.93	70.9	59	70.6	55	53.6	70.6	3.4 NNE	5.4	0	4.49
09.27.2013 03:30 PM	29.93	71.5	59	70.4	55	53.5	66.9	7.6 ESE	8.3	0	4.49
09.27.2013 04:00 PM	29.94	72	59	70.7	56	54.4	69.5	4.7 ENE	6.9	0	4.49
09.27.2013 04:30 PM	29.95	72.4	58	71.1	56	54.6	67.3	8.3 ENE	11	0	4.49
09.27.2013 05:00 PM	29.96	72.7	58	70.2	58	54.8	68.8	4.9 ENE	6.9	0	4.49
09.27.2013 05:30 PM	29.97	73.1	58	69.5	60	55.1	69.5	3.8 ENE	5.4	0	4.49
09.27.2013 06:00 PM	29.98	73.3	58	68.4	63	55.4	67.8	4 NE	5.4	0	4.49
09.27.2013 06:30 PM	29.98	73.3	58	67.1	65	55	65.3	5.1 ESE	6.9	0	4.49
09.27.2013 07:00 PM	29.98	73.3	57	65.2	67	54	65.2	3.4 ENE	4	0	4.49
09.27.2013 07:30 PM	29.98	72.9	57	63.5	69	53.2	61.9	4.7 SE	6.9	0	4.49
09.27.2013 08:00 PM	29.98	72.5	57	62.1	72	53	56.7	8.3 ENE	9.6	0	4.49
09.27.2013 08:30 PM	29.97	72	57	60.8	73	52.2	60.8	2.2 ENE	2.7	0	4.49
09.27.2013 09:00 PM	29.96	71.5	58	59.8	73	51.1	59.8	1.8 E	2.7	0	4.49
09.27.2013 09:30 PM	29.95	70.9	58	59	73	50.4	59	2 ENE	4	0	4.49

09.27.2013 10:00 PM	29.94	70.2	58	58.5	74	50.3	58.5	1.3 ENE	2.7	0	4.49
09.27.2013 10:30 PM	29.92	69.8	58	57.6	76	50.1	57.6	1.6 NE	2.7	0	4.49
09.27.2013 11:00 PM	29.91	69.1	59	57.1	79	50.7	57.1	1.1 E	2.7	0	4.49
09.27.2013 11:30 PM	29.89	68.6	59	56.5	81	50.8	56.5	2.9 E	4	0	4.49
09.28.2013 12:00 AM	29.88	68	60	56.5	81	50.8	56.5	1.8 NE	2.7	0	4.49
09.28.2013 12:30 AM	29.87	67.7	60	55.8	81	50.1	55.8	1.1 ENE	2.7	0	4.49
09.28.2013 01:00 AM	29.86	67.3	61	55.1	82	49.7	55.1	0.4 ENE	1.3	0	4.49
09.28.2013 01:30 AM	29.85	66.8	61	54.7	83	49.7	54.7	1.8 ESE	2.7	0	4.49
09.28.2013 02:00 AM	29.84	66.4	62	54.4	84	49.7	54.4	1.1 ENE	1.3	0	4.49
09.28.2013 02:30 AM	29.83	65.9	62	54	85	49.6	54	1.8 ENE	2.7	0	4.49
09.28.2013 03:00 AM	29.81	65.5	63	53.6	86	49.6	53.6	0.4 ENE	1.3	0	4.49
09.28.2013 03:30 AM	29.8	65.2	63	53.6	87	49.9	53.6	1.1 ENE	4	0	4.49
09.28.2013 04:00 AM	29.79	64.8	63	53.5	86	49.4	53.5	0 ESE	0	0	4.49
09.28.2013 04:30 AM	29.78	64.4	64	52.7	87	49.1	52.7	1.3 ESE	2.7	0	4.49
09.28.2013 05:00 AM	29.77	64.1	64	52.6	87	48.9	52.6	0.4 E	1.3	0	4.49
09.28.2013 05:30 AM	29.77	63.9	64	52.2	88	48.8	52.2	1.6 ENE	2.7	0	4.49
09.28.2013 06:00 AM	29.77	63.5	64	52.2	88	48.8	52.2	1.1 SE	2.7	0	4.49
09.28.2013 06:30 AM	29.76	63.4	65	51.7	89	48.5	51.7	0.7 E	1.3	0	4.49
09.28.2013 07:00 AM	29.76	63	65	50.8	87	47.1	50.8	0.7 E	2.7	0	4.49
09.28.2013 07:30 AM	29.76	62.6	65	50.6	88	47.2	50.6	0.4 ENE	1.3	0	4.49
09.28.2013 08:00 AM	29.76	62.6	65	51.5	89	48.3	51.5	0.9 ESE	1.3	0	4.49
09.28.2013 08:30 AM	29.75	62.3	65	53.3	90	50.5	53.3	0.7 ESE	1.3	0	4.49
09.28.2013 09:00 AM	29.75	62.3	66	55.3	88	51.9	55.3	1.3 ENE	2.7	0	4.49
09.28.2013 09:30 AM	29.75	62.3	67	57.8	85	53.4	57.8	1.1 NE	1.3	0	4.49
09.28.2013 10:00 AM	29.75	62.3	67	60.5	76	52.9	60.5	1.1 WNW	2.7	0	4.49
09.28.2013 10:30 AM	29.76	62.8	67	62.5	73	53.7	61.4	4.3 WSW	6.9	0	4.49
09.28.2013 11:00 AM	29.77	63.2	67	63.5	72	54.4	63.5	2.2 S	2.7	0	4.49
09.28.2013 11:30 AM	29.79	64.1	66	65.5	68	54.7	65.5	0.4 N	1.3	0	4.49
09.28.2013 12:00 PM	29.82	65.3	65	67	65	54.9	67	2.2 WNW	2.7	0	4.49
09.28.2013 12:30 PM	29.85	66.6	65	68.8	61	54.8	68.8	2.9 W	4	0	4.49
09.28.2013 01:00 PM	29.88	68	64	69.8	59	54.9	69.8	0.7 SSE	1.3	0	4.49
09.28.2013 01:30 PM	29.9	69.1	63	70.9	57	55	70.9	1.3 NE	2.7	0	4.49
09.28.2013 02:00 PM	29.91	70.2	62	71.6	55	54.6	71.6	2.5 WNW	6.9	0	4.49
09.28.2013 02:30 PM	29.92	70.9	61	72.2	50	52.6	72.2	2.5 WNW	2.7	0	4.49
09.28.2013 03:00 PM	29.92	71.6	60	72.7	51	53.7	72.7	2.7 NW	5.4	0	4.49
09.28.2013 03:30 PM	29.93	72.2	60	73.4	50	53.7	73.4	1.6 WNW	2.7	0	4.49
09.28.2013 04:00 PM	29.93	72.7	59	73.6	50	53.9	73.6	2.5 WNW	4	0	4.49
09.28.2013 04:30 PM	29.92	73.3	58	73.1	53	55	73.1	0.4 W	1.3	0	4.49
09.28.2013 05:00 PM	29.94	73.6	58	73.6	54	56	73.6	0.2 NW	2.7	0	4.49
09.28.2013 05:30 PM	29.95	74	58	73.8	52	55.2	73.8	2.2 WNW	4	0	4.49
09.28.2013 06:00 PM	29.95	74.3	57	73.1	55	56	73.1	0 NW	0	0	4.49
09.28.2013 06:30 PM	29.95	74.5	57	72.2	56	55.7	72.2	0 W	0	0	4.49
09.28.2013 07:00 PM	29.96	74.5	57	70.2	59	55.3	70.2	0 NE	0	0	4.49
09.28.2013 07:30 PM	29.96	74.3	57	68	61	54.2	68	0 E	0	0	4.49
09.28.2013 08:00 PM	29.97	74	57	67.7	62	54.3	67.7	1.8 WSW	4	0	4.49
09.28.2013 08:30 PM	29.96	73.6	57	68	59	53.2	68	3.1 WSW	5.4	0	4.49
09.28.2013 09:00 PM	29.94	73.3	57	66.8	61	52.9	66.1	4 NNW	6.9	0	4.49
09.28.2013 09:30 PM	29.92	72.9	58	65.7	63	52.8	65.7	2 WSW	4	0	4.49
09.28.2013 10:00 PM	29.9	72.4	58	64.6	63	51.8	63	4.7 WNW	6.9	0	4.49
09.28.2013 10:30 PM	29.89	72	58	63.7	64	51.4	62.9	4 WNW	5.4	0	4.49
09.28.2013 11:00 PM	29.87	71.5	58	63.7	61	50	63.7	2.9 WNW	5.4	0	4.49
09.28.2013 11:30 PM	29.86	70.9	58	63.4	60	49.3	61.8	4.7 W	9.6	0	4.49
09.29.2013 12:00 AM	29.85	70.4	58	62.5	62	49.3	60.2	5.1 WNW	8.3	0	4.49
09.29.2013 12:30 AM	29.83	70	58	61.9	62	48.8	61.9	1.6 W	4	0	4.49
09.29.2013 01:00 AM	29.82	69.5	58	60.8	64	48.6	60.8	2 WNW	2.7	0	4.49
09.29.2013 01:30 AM	29.81	69.1	58	60.1	65	48.3	60.1	0.9 W	2.7	0	4.49
09.29.2013 02:00 AM	29.8	68.8	58	59.4	66	48.1	59.4	1.1 WNW	2.7	0	4.49
09.29.2013 02:30 AM	29.77	68.2	58	57.8	68	47.4	57.8	0.7 S	2.7	0	4.49
09.29.2013 03:00 AM	29.75	67.9	58	56.2	71	46.9	56.2	0.4 ESE	1.3	0	4.49
09.29.2013 03:30 AM	29.73	67.3	58	54.9	76	47.5	54.9	2 ESE	2.7	0	4.49
09.29.2013 04:00 AM	29.72	67	59	53.8	77	46.8	53.8	0.4 SE	1.3	0	4.49
09.29.2013 04:30 AM	29.69	66.6	59	53.8	78	47.2	53.8	1.1 W	2.7	0	4.49
09.29.2013 05:00 AM	29.68	66.1	59	54.5	78	47.9	54.5	1.6 W	2.7	0	4.49
09.29.2013 05:30 AM	29.67	65.7	60	56	77	48.9	56	1.8 NNW	2.7	0	4.49

09.29.2013 06:00 AM	29.66	65.3	60	57.6	73	49.1	57.6	3.6 WNW	8.3	0	4.49
09.29.2013 06:30 AM	29.66	65.2	60	57.8	73	49.2	57.8	2.9 WNW	5.4	0	4.49
09.29.2013 07:00 AM	29.66	65	61	58	73	49.4	58	1.1 NW	4	0	4.49
09.29.2013 07:30 AM	29.65	64.8	61	58.7	71	49.3	58.7	1.8 NW	2.7	0	4.49
09.29.2013 08:00 AM	29.64	64.8	61	59.4	70	49.7	59.4	3.1 SW	4	0	4.49
09.29.2013 08:30 AM	29.64	64.6	61	60.1	70	50.3	60.1	2 NNW	2.7	0	4.49
09.29.2013 09:00 AM	29.63	64.6	62	61.4	68	50.8	61.4	0.9 NW	1.3	0	4.49
09.29.2013 09:30 AM	29.64	64.6	62	62.3	66	50.9	61.2	4.3 SW	5.4	0	4.49
09.29.2013 10:00 AM	29.65	65	62	63.2	65	51.3	63.2	2 NNW	2.7	0	4.49
09.29.2013 10:30 AM	29.66	65.5	62	64.6	63	51.8	64.6	2.5 WNW	5.4	0	4.49
09.29.2013 11:00 AM	29.66	65.9	62	65.3	63	52.5	65.3	1.1 SSE	13.6	0	4.49
09.29.2013 11:30 AM	29.67	66.6	62	67	61	53.1	66.2	4 NW	5.4	0	4.49
09.29.2013 12:00 PM	29.69	67.7	61	68.4	60	54	68.4	2.2 N	6.9	0	4.49
09.29.2013 12:30 PM	29.71	68.9	61	69.7	58	54.3	69.7	3.6 E	6.9	0	4.49
09.29.2013 01:00 PM	29.74	70	60	71.1	55	54.2	71.1	2.2 NNW	4	0	4.49
09.29.2013 01:30 PM	29.76	71.1	59	72.4	54	54.8	70.8	5.4 NW	9.6	0	4.49
09.29.2013 02:00 PM	29.77	72	59	73.1	53	55	73.1	3.4 WSW	4	0	4.49
09.29.2013 02:30 PM	29.77	72.7	58	74.5	52	55.8	74.5	2.2 W	4	0	4.49
09.29.2013 03:00 PM	29.78	73.4	58	75.6	50	55.7	75.6	1.1 NW	2.7	0	4.49
09.29.2013 03:30 PM	29.78	74	57	75.6	49	55.2	75.6	2.5 WSW	4	0	4.49
09.29.2013 04:00 PM	29.78	74.5	57	75.8	49	55.4	75.8	2.9 N	4	0	4.49
09.29.2013 04:30 PM	29.8	74.9	56	75.2	51	55.9	73.8	5.4 WNW	6.9	0	4.49
09.29.2013 05:00 PM	29.8	75.1	56	74.9	51	55.6	74.9	1.8 W	2.7	0	4.49
09.29.2013 05:30 PM	29.81	75.4	56	73.6	53	55.5	73.6	0 WNW	0	0	4.49
09.29.2013 06:00 PM	29.81	75.4	56	73.3	55	56.2	73.3	1.8 WNW	2.7	0	4.49
09.29.2013 06:30 PM	29.8	75.2	56	72.4	56	55.8	72.4	0 WSW	0	0	4.49
09.29.2013 07:00 PM	29.8	75.2	57	70.9	58	55.4	70.9	0 WSW	0	0	4.49
09.29.2013 07:30 PM	29.8	74.9	57	68.9	61	55	68.9	0 WSW	0	0	4.49
09.29.2013 08:00 PM	29.8	74.5	57	68.2	66	56.5	68.2	0 W	0	0	4.49
09.29.2013 08:30 PM	29.8	74.2	58	67.5	66	55.8	67.5	0 NW	0	0	4.49
09.29.2013 09:00 PM	29.79	73.8	59	66.4	69	56	66.4	0 SE	0	0	4.49
09.29.2013 09:30 PM	29.78	73.4	59	64.8	71	55.3	64.8	0 SE	0	0	4.49
09.29.2013 10:00 PM	29.78	73.1	60	64.3	74	55.8	64.3	0 NW	0	0	4.49
09.29.2013 10:30 PM	29.76	72.7	60	63.4	74	55	63.4	0 N	0	0	4.49
09.29.2013 11:00 PM	29.74	72.2	61	62.6	74	54.3	62.6	0 ESE	0	0	4.49
09.29.2013 11:30 PM	29.74	71.8	61	62.1	76	54.5	62.1	0 E	0	0	4.49
09.30.2013 12:00 AM	29.73	71.5	62	61.6	78	54.6	61.6	0 E	0	0	4.49
09.30.2013 12:30 AM	29.71	71.1	62	61.7	79	55.2	61.7	0 N	0	0	4.49
09.30.2013 01:00 AM	29.7	70.7	63	63	76	55.4	63	1.8 W	2.7	0	4.49
09.30.2013 01:30 AM	29.7	70.4	63	64.4	72	55.3	64.4	2.5 W	4	0	4.49
09.30.2013 02:00 AM	29.69	70.2	63	64.8	73	56	64.8	0.9 WSW	4	0	4.49
09.30.2013 02:30 AM	29.69	70	63	64.8	71	55.3	64.8	0 NW	1.3	0	4.49
09.30.2013 03:00 AM	29.68	69.8	63	64.4	70	54.5	64.4	2.5 WNW	4	0	4.49
09.30.2013 03:30 AM	29.67	69.7	63	64.3	71	54.7	64.3	1.6 ENE	2.7	0	4.49
09.30.2013 04:00 AM	29.67	69.7	64	64.3	70	54.3	64.3	2.9 WNW	4	0	4.49
09.30.2013 04:30 AM	29.67	69.5	63	64.1	70	54.2	64.1	3.4 WNW	4	0	4.49
09.30.2013 05:00 AM	29.66	69.5	63	64.1	70	54.2	64.1	2.9 W	4	0	4.49
09.30.2013 05:30 AM	29.66	69.5	63	64.1	70	54.2	64.1	1.1 WNW	4	0	4.49
09.30.2013 06:00 AM	29.66	69.3	63	64.1	69	53.7	64.1	1.1 WNW	2.7	0	4.49
09.30.2013 06:30 AM	29.67	69.3	63	64.1	69	53.7	64.1	1.1 NW	2.7	0	4.49
09.30.2013 07:00 AM	29.67	69.1	63	64.1	70	54.2	64.1	0.7 WNW	1.3	0	4.49
09.30.2013 07:30 AM	29.67	69.1	63	63.9	70	54	63.9	0 W	0	0	4.49
09.30.2013 08:00 AM	29.65	67.9	63	64.1	70	54.2 ---	---	---	---	0	4.49
09.30.2013 08:30 AM	29.61	66.4	68	64.4	71	54.9 ---	---	---	---	0	4.49
09.30.2013 09:00 AM	29.61	66.2	70	65.2	71	55.5 ---	---	---	---	0	4.49
09.30.2013 09:30 AM	29.61	66.6	70	65.9	71	56.3	65.9	1.3 WNW	2.7	0	4.49
09.30.2013 10:00 AM	29.62	67	69	66.8	69	56.4	66.1	4 W	5.4	0	4.49
09.30.2013 10:30 AM	29.65	67.9	69	68	67	56.7	68	3.4 NNW	4	0	4.49
09.30.2013 11:00 AM	29.66	68.9	68	69.5	65	57.2	69.5	1.6 WSW	4	0	4.49
09.30.2013 11:30 AM	29.69	70.2	66	71.1	63	58	69.1	5.6 WSW	6.9	0	4.49
09.30.2013 12:00 PM	29.7	70.7	66	71.6	63	58.4	71.6	0.4 NW	2.7	0	4.49
09.30.2013 12:30 PM	29.72	71.5	65	72.4	62	58.7	72.4	2 SSE	2.7	0	4.49
09.30.2013 01:00 PM	29.74	72.4	64	72.9	62	59.1	72.9	3.6 WNW	6.9	0	4.49
09.30.2013 01:30 PM	29.74	72.9	65	73.1	63	59.8	72.5	4 W	5.4	0	4.49

09.30.2013 02:00 PM	29.74	72.9	65	73.1	64	60.2	73.1	1.8 WSW	4	0	4.49
09.30.2013 02:30 PM	29.76	74.2	65	74	63	60.7	71.2	7.4 NW	12.3	0	4.49
09.30.2013 03:00 PM	29.76	74.5	64	73.4	63	60.1	73.4	3.4 ESE	6.9	0	4.49
09.30.2013 03:30 PM	29.76	74.5	64	72.7	65	60.3	69.7	7.6 W	8.3	0	4.49
09.30.2013 04:00 PM	29.77	75.4	63	70.4	70	60.2	68.6	5.4 NNW	9.6	0	4.49
09.30.2013 04:30 PM	29.79	75.8	63	70.2	72	60.9	70.2	2.7 NW	8.3	0	4.49
09.30.2013 05:00 PM	29.79	76	63	69.5	73	60.5	66.5	6.7 NW	9.6	0	4.49
09.30.2013 05:30 PM	29.79	75.8	63	67.9	79	61.1	67.9	3.4 WNW	6.9	0	4.49
09.30.2013 06:00 PM	29.79	75.6	63	67.7	79	61	67.7	3.4 NW	5.4	0	4.49
09.30.2013 06:30 PM	29.79	75.2	64	67	80	60.7	67	0.4 N	1.3	0	4.49
09.30.2013 07:00 PM	29.78	75.1	64	66.6	83	61.3	66.6	0.4 SE	2.7	0	4.49
09.30.2013 07:30 PM	29.77	74.5	65	66.2	83	60.9	66.2	3.4 W	5.4	0	4.49
09.30.2013 08:00 PM	29.77	74.3	65	66.2	84	61.3	66.2	1.6 WNW	5.4	0	4.49
09.30.2013 08:30 PM	29.77	74	66	66.1	84	61.1	66.1	3.1 W	5.4	0	4.49
09.30.2013 09:00 PM	29.77	73.6	66	65.9	84	60.9	65.9	1.3 WSW	2.7	0	4.49
09.30.2013 09:30 PM	29.76	73.4	67	65.9	84	60.9	65.9	2.5 NNE	4	0	4.49
09.30.2013 10:00 PM	29.75	73.1	67	66.1	84	61.1	66.1	0.7 W	2.7	0	4.49
09.30.2013 10:30 PM	29.74	72.9	68	66.1	84	61.1	66.1	0.7 N	1.3	0	4.49
09.30.2013 11:00 PM	29.74	72.7	68	66.1	85	61.5	66.1	0 SSE	1.3	0	4.49
09.30.2013 11:30 PM	29.74	72.5	68	65.9	85	61.3	65.9	2.5 W	4	0	4.49
10.01.2013 12:00 AM	29.73	72.4	69	65.9	86	61.7	65.9	1.8 W	2.7	0	4.49
10.01.2013 12:30 AM	29.73	72	69	65.7	86	61.5	65.7	1.8 WNW	2.7	0	4.49
10.01.2013 01:00 AM	29.72	72	70	65.5	87	61.6	65.5	1.3 W	1.3	0	4.49
10.01.2013 01:30 AM	29.72	71.6	70	65.5	87	61.6	65.5	3.1 NW	4	0	4.49
10.01.2013 02:00 AM	29.72	71.6	70	65.2	88	61.6	64.5	4 W	6.9	0	4.49
10.01.2013 02:30 AM	29.72	71.5	71	65	87	61	64	4.3 WNW	5.4	0	4.49
10.01.2013 03:00 AM	29.71	71.3	71	65	85	60.4	65	1.6 WNW	2.7	0	4.49
10.01.2013 03:30 AM	29.7	71.1	71	64.8	85	60.2	64.8	0.7 NW	1.3	0	4.49
10.01.2013 04:00 AM	29.69	70.9	71	64.4	85	59.9	64.4	2.2 W	2.7	0	4.49
10.01.2013 04:30 AM	29.7	70.9	71	63.9	85	59.3	63.9	0.7 SSW	1.3	0	4.49
10.01.2013 05:00 AM	29.7	70.6	71	63.7	85	59.1	63.7	0 WNW	0	0	4.49
10.01.2013 05:30 AM	29.7	70.6	71	63.4	86	59.1	63.4	0.4 NW	1.3	0	4.49
10.01.2013 06:00 AM	29.7	70.4	71	63	87	59.1	63	1.8 WNW	2.7	0	4.49
10.01.2013 06:30 AM	29.7	70.2	72	62.5	87	58.6	62.5	0.7 W	1.3	0	4.49
10.01.2013 07:00 AM	29.7	70	72	62.8	86	58.6	62.8	0 WSW	1.3	0	4.49
10.01.2013 07:30 AM	29.7	69.8	72	63.4	86	59.1	63.4	1.8 NW	2.7	0	4.49
10.01.2013 08:00 AM	29.7	69.8	72	63.4	86	59.1	63.4	2 NW	4	0	4.49
10.01.2013 08:30 AM	29.7	69.7	72	64.4	85	59.9	64.4	2.2 NW	4	0	4.49
10.01.2013 09:00 AM	29.71	69.8	72	64.6	84	59.8	64.6	0.7 NNE	2.7	0	4.49
10.01.2013 09:30 AM	29.71	69.7	72	65.5	85	60.9	65.5	1.1 NW	2.7	0	4.49
10.01.2013 10:00 AM	29.71	70	72	66.8	81	60.9	66.8	1.1 NE	2.7	0	4.49
10.01.2013 10:30 AM	29.72	70.4	71	68.9	76	61.1	68.9	0.9 NNE	1.3	0	4.49
10.01.2013 11:00 AM	29.73	70.9	71	70.4	70	60.2	70.4	3.6 N	6.9	0	4.49
10.01.2013 11:30 AM	29.74	71.6	70	70.4	73	61.4	70.4	1.1 NNE	4	0	4.49
10.01.2013 12:00 PM	29.76	72.5	69	70.9	70	60.7	70.4	4 SW	6.9	0	4.49
10.01.2013 12:30 PM	29.77	73.4	69	71.6	70	61.4	71.6	2.5 NW	5.4	0	4.49
10.01.2013 01:00 PM	29.8	74.3	68	72	71	62.1	72	1.6 SSW	5.4	0	4.49
10.01.2013 01:30 PM	29.81	75.2	68	71.8	70	61.6	69.9	5.6 WSW	8.3	0	4.49
10.01.2013 02:00 PM	29.81	75.6	67	72.4	70	62.1	71.5	4.5 WSW	9.6	0	4.49
10.01.2013 02:30 PM	29.82	76.3	66	72	71	62.1	72	3.4 N	8.3	0	4.49
10.01.2013 03:00 PM	29.82	76.7	65	72.2	70	61.9	70.8	4.9 NNW	11	0	4.49
10.01.2013 03:30 PM	29.82	76.9	65	71.3	72	61.8	71.3	1.8 W	13.6	0	4.49
10.01.2013 04:00 PM	29.82	76.9	64	71.5	71	61.7	71.5	1.6 NW	4	0	4.49
10.01.2013 04:30 PM	29.81	76.9	64	71.6	67	60.1	69.4	6 WNW	9.6	0	4.49
10.01.2013 05:00 PM	29.81	77	64	71.3	69	60.7	71.3	2.2 WNW	4	0	4.49
10.01.2013 05:30 PM	29.8	76.9	63	70.9	69	60.3	68.8	5.8 NW	8.3	0	4.49
10.01.2013 06:00 PM	29.8	76.7	63	70.4	72	60.9	70.4	2.2 WSW	5.4	0	4.49
10.01.2013 06:30 PM	29.8	76.5	63	69.5	74	60.8	67.4	5.6 SE	11	0	4.49
10.01.2013 07:00 PM	29.78	76.1	63	68.4	76	60.6	68.4	1.1 W	4	0	4.49
10.01.2013 07:30 PM	29.77	75.8	64	68	77	60.6	68	3.1 NW	5.4	0	4.49
10.01.2013 08:00 PM	29.76	75.4	64	67.5	81	61.5	67.5	3.1 WSW	5.4	0	4.49
10.01.2013 08:30 PM	29.76	74.9	65	66.8	85	62.2	66.8	2.5 SSW	2.7	0	4.49
10.01.2013 09:00 PM	29.74	74.5	66	66.4	86	62.2	66.4	2.5 SSE	4	0	4.49
10.01.2013 09:30 PM	29.73	74.2	67	66.4	85	61.8	66.4	0.9 WNW	4	0	4.49

10.01.2013 10:00 PM	29.72	73.8	67	66.2	84	61.3	66.2	2.2 NNW	2.7	0	4.49
10.01.2013 10:30 PM	29.7	73.4	68	65.9	84	60.9	65.9	2.2 SSW	2.7	0	4.49
10.01.2013 11:00 PM	29.69	73.1	68	65.9	83	60.6	65.9	2.5 W	5.4	0	4.49
10.01.2013 11:30 PM	29.69	72.7	68	65.9	83	60.6	63.9	5.1 WNW	8.3	0	4.49
10.02.2013 12:00 AM	29.69	72.4	68	65.5	84	60.6	65.5	3.8 WSW	8.3	0	4.49
10.02.2013 12:30 AM	29.68	72	69	65.2	86	60.9	65.2	0.4 NNW	1.3	0	4.49
10.02.2013 01:00 AM	29.68	71.8	69	65.9	85	61.3	65.9	0.4 NE	1.3	0	4.49
10.02.2013 01:30 AM	29.67	71.6	70	66.2	85	61.7	64.5	4.9 WNW	8.3	0	4.49
10.02.2013 02:00 AM	29.67	71.6	71	66.2	86	62	64.3	5.1 WNW	8.3	0	4.49
10.02.2013 02:30 AM	29.67	71.3	71	66.2	86	62	65.5	4 WNW	5.4	0	4.49
10.02.2013 03:00 AM	29.67	71.1	71	66.6	85	62	62.6	7.6 NW	9.6	0	4.49
10.02.2013 03:30 AM	29.66	71.1	71	66.8	85	62.2	66.8	2.9 NE	5.4	0	4.49
10.02.2013 04:00 AM	29.66	70.9	72	67	85	62.4	64.6	5.6 WNW	12.3	0	4.49
10.02.2013 04:30 AM	29.65	70.9	72	66.8	85	62.2	66.8	3.4 WNW	6.9	0	4.49
10.02.2013 05:00 AM	29.64	70.9	73	66.6	84	61.7	66.6	1.8 WNW	2.7	0	4.49
10.02.2013 05:30 AM	29.65	70.9	73	66.6	85	62	65.3	4.5 WNW	6.9	0	4.49
10.02.2013 06:00 AM	29.65	70.7	73	66.8	84	61.8	65.6	4.5 WSW	8.3	0	4.49
10.02.2013 06:30 AM	29.66	70.9	73	66.8	84	61.8	63.8	6.3 W	11	0	4.49
10.02.2013 07:00 AM	29.66	70.7	73	66.6	86	62.3	64.6	5.1 W	8.3	0	4.49
10.02.2013 07:30 AM	29.67	70.7	74	66.2	88	62.7	66.2	3.8 WSW	6.9	0	4.49
10.02.2013 08:00 AM	29.68	70.7	74	66.6	88	63	66.6	1.6 W	4	0	4.49
10.02.2013 08:30 AM	29.69	70.6	74	67	87	63	67	3.4 WNW	5.4	0	4.49
10.02.2013 09:00 AM	29.7	70.7	74	67.3	86	63	67.3	0.7 NE	4	0	4.49
10.02.2013 09:30 AM	29.68	69.3	79	67.9	83	62.6	67.9	0.4 NNE	1.3	0	4.49
10.02.2013 10:00 AM	29.68	69.5	78	68	82	62.4	68	1.6 WNW	2.7	0	4.49
10.02.2013 10:30 AM	29.69	69.5	77	68.9	78	61.8	68.9	0.7 NNE	2.7	0	4.49
10.02.2013 11:00 AM	29.69	69.5	75	69.3	75	61.1	69.3	1.6 W	4	0	4.49
10.02.2013 11:30 AM	29.7	69.8	75	69.8	74	61.2	69.8	3.6 NW	5.4	0	4.49
10.02.2013 12:00 PM	29.71	70.2	73	70.2	72	60.9	68.6	5.1 WNW	6.9	0	4.49
10.02.2013 12:30 PM	29.75	71.6	71	71.8	70	61.6	71.8	1.8 ESE	4	0	4.49
10.02.2013 01:00 PM	29.77	72.7	68	72.7	67	61.2	72.7	3.6 W	5.4	0	4.49
10.02.2013 01:30 PM	29.77	73.1	69	73.1	69	62.4	70.8	6.3 ENE	11	0	4.49
10.02.2013 02:00 PM	29.79	73.6	68	73.6	66	61.7	73.2	4 W	6.9	0	4.49
10.02.2013 02:30 PM	29.78	73.4	69	73.4	68	62.3	72.2	4.9 ENE	6.9	0	4.49
10.02.2013 03:00 PM	29.77	72.9	70	72.7	69	62	71.5	4.9 SW	6.9	0	4.49
10.02.2013 03:30 PM	29.77	72.9	71	72.7	70	62.5	72.7	2 S	5.4	0	4.49
10.02.2013 04:00 PM	29.76	72.2	72	72	71	62.1	72	2 SW	6.9	0	4.49
10.02.2013 04:30 PM	29.77	72.5	73	71.6	73	62.6	71.6	2.7 WSW	4	0	4.49
10.02.2013 05:00 PM	29.8	73.8	71	71.8	71	61.9	71.8	2.7 SW	5.4	0	4.49
10.02.2013 05:30 PM	29.81	74.5	70	71.1	73	62	71.1	1.8 WNW	4	0	4.49
10.02.2013 06:00 PM	29.82	74.7	69	70.2	74	61.6	66.4	8.1 NW	9.6	0	4.49
10.02.2013 06:30 PM	29.83	74.9	69	69.1	74	60.6	69.1	2.2 WNW	4	0	4.49
10.02.2013 07:00 PM	29.83	74.5	69	67.7	78	60.7	67.7	1.1 ENE	4	0	4.49
10.02.2013 07:30 PM	29.83	74.3	69	66.6	82	61	66.6	0.4 NW	1.3	0	4.49
10.02.2013 08:00 PM	29.83	74.2	69	65.7	82	60.1	65.7	0.4 NW	1.3	0	4.49
10.02.2013 08:30 PM	29.82	73.6	69	64.6	83	59.4	64.6	0 WNW	1.3	0	4.49
10.02.2013 09:00 PM	29.82	73.3	69	64.3	85	59.7	64.3	2 WSW	2.7	0	4.49
10.02.2013 09:30 PM	29.82	72.9	69	63.7	85	59.1	63.7	0 NW	0	0	4.49
10.02.2013 10:00 PM	29.81	72.4	70	62.3	86	58.1	62.3	0 NNE	0	0	4.49
10.02.2013 10:30 PM	29.81	72	70	60.8	89	57.6	60.8	0 ESE	0	0	4.49
10.02.2013 11:00 PM	29.81	71.6	70	60.8	86	56.7	60.8	0.2 ESE	1.3	0	4.49
10.02.2013 11:30 PM	29.81	70.9	70	60.5	76	52.9	60.5	0 ESE	0	0	4.49
10.03.2013 12:00 AM	29.8	70.6	69	58.3	74	50.1	58.3	0 ESE	0	0	4.49
10.03.2013 12:30 AM	29.78	70.2	68	56.2	79	49.8	56.2	0 ENE	0	0	4.49
10.03.2013 01:00 AM	29.77	69.5	67	54.9	78	48.3	54.9	1.1 SE	1.3	0	4.49
10.03.2013 01:30 AM	29.75	69.1	66	53.6	80	47.6	53.6	0 ESE	0	0	4.49
10.03.2013 02:00 AM	29.75	68.6	65	52.9	81	47.3	52.9	0 ESE	0	0	4.49
10.03.2013 02:30 AM	29.74	68	64	52.2	82	46.9	52.2	0 ESE	0	0	4.49
10.03.2013 03:00 AM	29.72	67.5	63	52	83	47.1	52	0 WSW	1.3	0	4.49
10.03.2013 03:30 AM	29.7	67	63	52.2	83	47.3	52.2	0 WSW	0	0	4.49
10.03.2013 04:00 AM	29.7	66.6	63	52	83	47.1	52	0 E	0	0	4.49
10.03.2013 04:30 AM	29.69	66.2	63	50.8	84	46.2	50.8	0.2 ESE	1.3	0	4.49
10.03.2013 05:00 AM	29.68	65.7	63	50.4	84	45.8	50.4	0.4 ESE	1.3	0	4.49
10.03.2013 05:30 AM	29.67	65.3	62	49.7	85	45.4	49.7	0 ESE	0	0	4.49

10.03.2013 06:00 AM	29.67	65	62	49.3	86	45.4	49.3	1.1 ESE	1.3	0	4.49
10.03.2013 06:30 AM	29.66	64.4	63	48.6	85	44.3	48.6	0 E	0	0	4.49
10.03.2013 07:00 AM	29.65	64.3	63	49	86	45	49	0.4 ESE	1.3	0	4.49
10.03.2013 07:30 AM	29.65	63.9	63	49.3	86	45.4	49.3	0 N	0	0	4.49
10.03.2013 08:00 AM	29.62	62.8	62	50.4	86	46.5	50.4	0 ESE	0	0	4.49
10.03.2013 08:30 AM	29.59	61.6	63	52	86	48 ---	---	---	---	0	4.49
10.03.2013 09:00 AM	29.59	61.4	64	54	82	48.7 ---	---	---	---	0	4.49
10.03.2013 09:30 AM	29.58	61.4	64	56.5	79	50.1	56.5	0.7 SE	1.3	0	4.49
10.03.2013 10:00 AM	29.6	62.3	62	60.3	69	50.1 ---	---	---	---	0	4.49
10.03.2013 10:30 AM	29.64	63.9	56	63.2	55	46.8 ---	---	---	---	0	4.49
10.03.2013 11:00 AM	29.68	65.9	47	65.9	44	43.4 ---	---	---	---	0	4.49
10.03.2013 11:30 AM	29.72	68	45	68.6	42	44.7 ---	---	---	---	0	4.49
10.03.2013 12:00 PM	29.75	69.5	43	70.7	38	43.9 ---	---	---	---	0	4.49
10.03.2013 12:30 PM	29.76	70.2	41	71.5	37	43.9	71.5	2 ESE	4	0	4.49
10.03.2013 01:00 PM	29.79	71.5	39	72.9	34	42.9	72.9	2.5 E	4	0	4.49
10.03.2013 01:30 PM	29.77	70.7	40	70.7	38	43.9	70.7	0.2 ENE	2.7	0	4.49
10.03.2013 02:00 PM	29.77	72	41	72.7	39	46.4	72.7	0.9 ENE	2.7	0	4.49
10.03.2013 02:30 PM	29.79	72.5	41	72.9	38	45.9	72.9	2.9 ESE	4	0	4.49
10.03.2013 03:00 PM	29.78	72.5	42	72.4	40	46.7	72.4	1.8 ENE	2.7	0	4.49
10.03.2013 03:30 PM	29.77	72.7	43	72.5	41	47.5	72.5	0.4 E	1.3	0	4.49
10.03.2013 04:00 PM	29.79	73.6	42	73.6	39	47.2	73.6	2.9 ENE	4	0	4.49
10.03.2013 04:30 PM	29.79	74	43	73.6	40	47.9	73.6	1.1 E	2.7	0	4.49
10.03.2013 05:00 PM	29.82	74.9	44	73.8	40	48.1 ---	---	---	---	0	4.49
10.03.2013 05:30 PM	29.82	75.6	45	72.9	43	49.1 ---	---	---	---	0	4.49
10.03.2013 06:00 PM	29.83	75.8	46	71.8	44	48.8 ---	---	---	---	0	4.49
10.03.2013 06:30 PM	29.83	76	47	70.9	46	49.1 ---	---	---	---	0	4.49
10.03.2013 07:00 PM	29.84	76	48	69.8	48	49.3 ---	---	---	---	0	4.49
10.03.2013 07:30 PM	29.83	76	48	69.3	49	49.4 ---	---	---	---	0	4.49
10.03.2013 08:00 PM	29.83	75.8	49	68.6	51	49.8 ---	---	---	---	0	4.49
10.03.2013 08:30 PM	29.82	75.8	49	68.2	53	50.5 ---	---	---	---	0	4.49
10.03.2013 09:00 PM	29.83	75.6	50	68.2	54	51 ---	---	---	---	0	4.49
10.03.2013 09:30 PM	29.83	75.6	51	68	54	50.9 ---	---	---	---	0	4.49
10.03.2013 10:00 PM	29.83	75.4	51	67.9	57	52.1 ---	---	---	---	0.03	4.53
10.03.2013 10:30 PM	29.82	75.2	53	65.2	71	55.5 ---	---	---	---	0.04	4.57
10.03.2013 11:00 PM	29.83	75.1	55	64.4	73	55.6 ---	---	---	---	0	4.57
10.03.2013 11:30 PM	29.82	74.9	56	64.6	76	57 ---	---	---	---	0.01	4.58
10.04.2013 12:00 AM	29.81	74.9	58	64.4	79	57.9 ---	---	---	---	0.03	4.61
10.04.2013 12:30 AM	29.78	74.5	59	64.3	82	58.7 ---	---	---	---	0.02	4.63
10.04.2013 01:00 AM	29.78	74.3	61	64.1	82	58.5	64.1	0 ESE	0	0	4.63
10.04.2013 01:30 AM	29.79	74.2	62	64.4	85	59.9	64.4	0 NNW	0	0	4.63
10.04.2013 02:00 AM	29.78	74	63	64.6	88	61	64.6	0 NW	0	0.15	4.78
10.04.2013 02:30 AM	29.78	74	64	64.8	90	61.8 ---	---	---	---	0.38	5.17
10.04.2013 03:00 AM	29.77	74	65	65	90	62 ---	---	---	---	0.01	5.18
10.04.2013 03:30 AM	29.76	73.8	66	65.3	89	62 ---	---	---	---	0.04	5.22
10.04.2013 04:00 AM	29.77	73.8	67	65.5	88	61.9 ---	---	---	---	0	5.22
10.04.2013 04:30 AM	29.76	73.8	68	65.9	90	62.9 ---	---	---	---	0	5.22
10.04.2013 05:00 AM	29.77	73.8	68	66.1	90	63.1	66.1	0.4 WNW	1.3	0	5.22
10.04.2013 05:30 AM	29.77	73.8	69	66.2	92	63.9	66.2	1.1 NW	2.7	0	5.22
10.04.2013 06:00 AM	29.77	73.8	69	66.6	91	63.9	66.6	1.1 NW	2.7	0	5.22
10.04.2013 06:30 AM	29.77	73.8	70	66.6	90	63.6	66.6	0.2 NW	1.3	0	5.22
10.04.2013 07:00 AM	29.78	73.8	70	67	90	64	67	0.4 N	1.3	0	5.22
10.04.2013 07:30 AM	29.78	73.8	70	67.1	91	64.4	67.1	2.9 W	4	0	5.22
10.04.2013 08:00 AM	29.74	71.1	80	68	89	64.7 ---	---	---	---	0	5.22
10.04.2013 08:30 AM	29.71	70.2	84	67.9	90	64.9 ---	---	---	---	0	5.22
10.04.2013 09:00 AM	29.72	70.2	86	68.4	89	65.1	68.4	1.1 WSW	4	0	5.22
10.04.2013 09:30 AM	29.71	70	86	69.3	88	65.6	69.3	3.4 NW	4	0	5.22
10.04.2013 10:00 AM	29.73	71.1	85	70.9	85	66.3	70.9	3.4 NW	4	0	5.22
10.04.2013 10:30 AM	29.73	70.7	85	70.2	85	65.5	70.2	0.2 NNE	4	0	5.22
10.04.2013 11:00 AM	29.74	71.6	85	71.3	85	66.6	71.3	0.4 W	2.7	0	5.22
10.04.2013 11:30 AM	29.73	71.3	85	71.1	84	66.1	71.1	2.5 W	4	0	5.22
10.04.2013 12:00 PM	29.74	71.5	84	70.9	84	65.9	70.9	1.3 WNW	6.9	0	5.22
10.04.2013 12:30 PM	29.8	73.8	82	69.8	87	65.9	69.8	0.4 E	1.3	0.06	5.28
10.04.2013 01:00 PM	29.82	75.8	78	70.6	88	66.9	70.6	0.7 NW	1.3	0.02	5.3
10.04.2013 01:30 PM	29.84	76.9	76	71.5	87	67.4	71.5	0 WSW	1.3	0.02	5.32

10.04.2013 02:00 PM	29.86	77.8	75	72.7	84	67.7	72.7	1.6 W	4	0	5.32
10.04.2013 02:30 PM	29.87	78.7	73	72	84	67	72	3.1 WSW	4	0	5.32
10.04.2013 03:00 PM	29.88	79.2	72	70.9	84	65.9	70.9	2.7 NW	5.4	0	5.32
10.04.2013 03:30 PM	29.9	79.6	71	70.9	84	65.9	70.9	1.1 WSW	2.7	0	5.32
10.04.2013 04:00 PM	29.9	80.1	70	71.8	84	66.8	71.8	1.1 SW	2.7	0	5.32
10.04.2013 04:30 PM	29.92	80.6	70	71.8	83	66.4	71.8	2 WNW	2.7	0	5.32
10.04.2013 05:00 PM	29.93	81	69	71.3	84	66.2	71.3	1.8 WNW	2.7	0	5.32
10.04.2013 05:30 PM	29.94	81	68	70.9	85	66.3	70.9	1.1 NW	2.7	0	5.32
10.04.2013 06:00 PM	29.95	81.2	68	70	86	65.7	70	0.2 W	1.3	0	5.32
10.04.2013 06:30 PM	29.95	81.4	67	69.5	87	65.5	69.5	1.1 WNW	1.3	0	5.32
10.04.2013 07:00 PM	29.95	81.5	67	68.9	88	65.3	68.9	1.1 W	2.7	0	5.32
10.04.2013 07:30 PM	29.97	81.5	67	68.8	89	65.4	68.8	0.2 SSW	1.3	0	5.32
10.04.2013 08:00 PM	29.97	81.4	67	68.6	89	65.3	68.6	0.4 NNW	1.3	0	5.32
10.04.2013 08:30 PM	29.98	81.4	67	68.6	90	65.6	68.6	0 NW	0	0	5.32
10.04.2013 09:00 PM	29.98	81.4	67	68.2	88	64.5	68.2	1.1 NE	2.7	0	5.32
10.04.2013 09:30 PM	29.99	81.4	66	67	89	63.6	67	3.4 ENE	4	0	5.32
10.04.2013 10:00 PM	29.98	81.2	66	66.4	90	63.5	66.4	2.5 E	2.7	0	5.32
10.04.2013 10:30 PM	29.98	81.2	66	65.9	90	62.9	65.9	1.1 ENE	1.3	0	5.32
10.04.2013 11:00 PM	29.99	81.2	65	66.1	90	63.1	66.1	2.2 E	4	0	5.32
10.04.2013 11:30 PM	29.98	81	65	65.7	90	62.7	65.7	0.7 NNE	2.7	0	5.32

APPENDIX B
Laboratory Analytical Data Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-45934-1

Client Project/Site: Iroquois Gas/Westwood Pharm. Monthly

For:

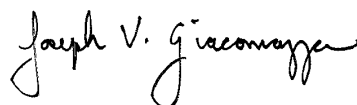
Groundwater & Environmental Services Inc

495 Aero Drive

Suite 3

Cheektowaga, New York 14225

Attn: Steven Leitten



Authorized for release by:

9/24/2013 3:14:32 PM

Joe Giacomazza, Project Administrator

joe.giacomazza@testamericainc.com

Designee for

Sally Hoffman, Project Manager II

sally.hoffman@testamericainc.com

LINKS

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Have a Question?



Visit us at:

www.testamericainc.com

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

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	8
Surrogate Summary	29
QC Sample Results	30
QC Association Summary	36
Lab Chronicle	37
Certification Summary	40
Method Summary	41
Sample Summary	42
Chain of Custody	43
Receipt Checklists	45



Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

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.

Glossary

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

Case Narrative

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Job ID: 480-45934-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-45934-1

Receipt

The samples were received on 9/16/2013 5:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2° C.

GC/MS VOA

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: EW-6 (480-45934-3), EW-7 (480-45934-2), P-5 (480-45934-17), P-6 (480-45934-18), PF-3 (480-45934-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following sample was diluted due to the abundance of non-target analytes: EW-5 (480-45934-4). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: B-19 (480-45934-10), EW-4 (480-45934-5), P-1 (480-45934-11). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following volatiles sample(s) was diluted due to foaming at the time of purging during the original sample analysis: P-3 (480-45934-14). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: P-5 (480-45934-17), P-6 (480-45934-18). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: P-4 (480-45934-15). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: EW-7

Lab Sample ID: 480-45934-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	64		50	15	ug/L	5		8260B	Total/NA
Benzene	50		5.0	2.1	ug/L	5		8260B	Total/NA
Ethylbenzene	74		5.0	3.7	ug/L	5		8260B	Total/NA
Xylenes, Total	480		10	3.3	ug/L	5		8260B	Total/NA

Client Sample ID: EW-6

Lab Sample ID: 480-45934-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	400		5.0	2.1	ug/L	5		8260B	Total/NA
Ethylbenzene	390		5.0	3.7	ug/L	5		8260B	Total/NA
Isopropylbenzene	14		5.0	4.0	ug/L	5		8260B	Total/NA
Toluene	5.0		5.0	2.6	ug/L	5		8260B	Total/NA
Xylenes, Total	110		10	3.3	ug/L	5		8260B	Total/NA

Client Sample ID: EW-5

Lab Sample ID: 480-45934-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	310		50	15	ug/L	5		8260B	Total/NA
Benzene	100		5.0	2.1	ug/L	5		8260B	Total/NA
Ethylbenzene	84		5.0	3.7	ug/L	5		8260B	Total/NA
Isopropylbenzene	7.0		5.0	4.0	ug/L	5		8260B	Total/NA
Toluene	6.6		5.0	2.6	ug/L	5		8260B	Total/NA
Xylenes, Total	61		10	3.3	ug/L	5		8260B	Total/NA

Client Sample ID: EW-4

Lab Sample ID: 480-45934-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	53		50	15	ug/L	5		8260B	Total/NA
Benzene	35		5.0	2.1	ug/L	5		8260B	Total/NA
Ethylbenzene	14		5.0	3.7	ug/L	5		8260B	Total/NA
Xylenes, Total	11		10	3.3	ug/L	5		8260B	Total/NA

Client Sample ID: PF-3

Lab Sample ID: 480-45934-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	780		10	4.1	ug/L	10		8260B	Total/NA
Ethylbenzene	180		10	7.4	ug/L	10		8260B	Total/NA
Isopropylbenzene	110		10	7.9	ug/L	10		8260B	Total/NA
Methylcyclohexane	4.4	J	10	1.6	ug/L	10		8260B	Total/NA
Toluene	8.5	J	10	5.1	ug/L	10		8260B	Total/NA
Xylenes, Total	310		20	6.6	ug/L	10		8260B	Total/NA

Client Sample ID: EW-3

Lab Sample ID: 480-45934-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	22		10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	7.6		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	6.0		1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	1.1		1.0	0.90	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: PF-2

Lab Sample ID: 480-45934-8

No Detections.

Client Sample ID: MWS-4

Lab Sample ID: 480-45934-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.1	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: B-19

Lab Sample ID: 480-45934-10

No Detections.

Client Sample ID: P-1

Lab Sample ID: 480-45934-11

No Detections.

Client Sample ID: P-2

Lab Sample ID: 480-45934-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.2		1.0	0.41	ug/L	1		8260B	Total/NA
Toluene	0.78	J	1.0	0.51	ug/L	1		8260B	Total/NA
Xylenes, Total	1.8	J	2.0	0.66	ug/L	1		8260B	Total/NA

Client Sample ID: B-6

Lab Sample ID: 480-45934-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	3.1		1.0	0.34	ug/L	1		8260B	Total/NA

Client Sample ID: P-3

Lab Sample ID: 480-45934-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	59		5.0	2.1	ug/L	5		8260B	Total/NA
Ethylbenzene	5.0		5.0	3.7	ug/L	5		8260B	Total/NA
Xylenes, Total	15		10	3.3	ug/L	5		8260B	Total/NA

Client Sample ID: P-4

Lab Sample ID: 480-45934-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.6	J	10	3.0	ug/L	1		8260B	Total/NA
Benzene	61		1.0	0.41	ug/L	1		8260B	Total/NA
Isopropylbenzene	5.1		1.0	0.79	ug/L	1		8260B	Total/NA
Toluene	47		1.0	0.51	ug/L	1		8260B	Total/NA
Xylenes, Total	110		2.0	0.66	ug/L	1		8260B	Total/NA
Ethylbenzene - DL	110		2.0	1.5	ug/L	2		8260B	Total/NA

Client Sample ID: B-7

Lab Sample ID: 480-45934-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.4		1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: P-5

Lab Sample ID: 480-45934-17

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: P-5 (Continued)

Lab Sample ID: 480-45934-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	280		10	4.1	ug/L	10		8260B	Total/NA
Isopropylbenzene	68		10	7.9	ug/L	10		8260B	Total/NA
Methylcyclohexane	2.2	J	10	1.6	ug/L	10		8260B	Total/NA
Toluene	12		10	5.1	ug/L	10		8260B	Total/NA
Xylenes, Total	530		20	6.6	ug/L	10		8260B	Total/NA
Ethylbenzene - DL	2300		40	30	ug/L	40		8260B	Total/NA

Client Sample ID: P-6

Lab Sample ID: 480-45934-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	33	J	100	30	ug/L	10		8260B	Total/NA
Isopropylbenzene	70		10	7.9	ug/L	10		8260B	Total/NA
Toluene	32		10	5.1	ug/L	10		8260B	Total/NA
Xylenes, Total	1200		20	6.6	ug/L	10		8260B	Total/NA
Benzene - DL	7000		100	41	ug/L	100		8260B	Total/NA
Ethylbenzene - DL	4400		100	74	ug/L	100		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: EW-7

Lab Sample ID: 480-45934-2

Date Collected: 09/16/13 13:15

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			09/21/13 13:24	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			09/21/13 13:24	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			09/21/13 13:24	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			09/21/13 13:24	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			09/21/13 13:24	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			09/21/13 13:24	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			09/21/13 13:24	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			09/21/13 13:24	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			09/21/13 13:24	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			09/21/13 13:24	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			09/21/13 13:24	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			09/21/13 13:24	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			09/21/13 13:24	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			09/21/13 13:24	5
2-Hexanone	ND		25	6.2	ug/L			09/21/13 13:24	5
2-Butanone (MEK)	ND		50	6.6	ug/L			09/21/13 13:24	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			09/21/13 13:24	5
Acetone	64		50	15	ug/L			09/21/13 13:24	5
Benzene	50		5.0	2.1	ug/L			09/21/13 13:24	5
Bromodichloromethane	ND		5.0	2.0	ug/L			09/21/13 13:24	5
Bromoform	ND		5.0	1.3	ug/L			09/21/13 13:24	5
Bromomethane	ND		5.0	3.5	ug/L			09/21/13 13:24	5
Carbon disulfide	ND		5.0	0.95	ug/L			09/21/13 13:24	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			09/21/13 13:24	5
Chlorobenzene	ND		5.0	3.8	ug/L			09/21/13 13:24	5
Dibromochloromethane	ND		5.0	1.6	ug/L			09/21/13 13:24	5
Chloroethane	ND		5.0	1.6	ug/L			09/21/13 13:24	5
Chloroform	ND		5.0	1.7	ug/L			09/21/13 13:24	5
Chloromethane	ND		5.0	1.8	ug/L			09/21/13 13:24	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			09/21/13 13:24	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			09/21/13 13:24	5
Cyclohexane	ND		5.0	0.90	ug/L			09/21/13 13:24	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			09/21/13 13:24	5
Ethylbenzene	74		5.0	3.7	ug/L			09/21/13 13:24	5
Isopropylbenzene	ND		5.0	4.0	ug/L			09/21/13 13:24	5
Methyl acetate	ND		5.0	2.5	ug/L			09/21/13 13:24	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			09/21/13 13:24	5
Methylcyclohexane	ND		5.0	0.80	ug/L			09/21/13 13:24	5
Methylene Chloride	ND		5.0	2.2	ug/L			09/21/13 13:24	5
Styrene	ND		5.0	3.7	ug/L			09/21/13 13:24	5
Tetrachloroethene	ND		5.0	1.8	ug/L			09/21/13 13:24	5
Toluene	ND		5.0	2.6	ug/L			09/21/13 13:24	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			09/21/13 13:24	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			09/21/13 13:24	5
Trichloroethene	ND		5.0	2.3	ug/L			09/21/13 13:24	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			09/21/13 13:24	5
Vinyl chloride	ND		5.0	4.5	ug/L			09/21/13 13:24	5
Xylenes, Total	480		10	3.3	ug/L			09/21/13 13:24	5

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: EW-7

Date Collected: 09/16/13 13:15

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-2

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		09/21/13 13:24	5
Toluene-d8 (Surr)	108		71 - 126		09/21/13 13:24	5
4-Bromofluorobenzene (Surr)	105		73 - 120		09/21/13 13:24	5

Client Sample ID: EW-6

Date Collected: 09/16/13 13:30

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			09/21/13 13:46	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			09/21/13 13:46	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			09/21/13 13:46	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			09/21/13 13:46	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			09/21/13 13:46	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			09/21/13 13:46	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			09/21/13 13:46	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			09/21/13 13:46	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			09/21/13 13:46	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			09/21/13 13:46	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			09/21/13 13:46	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			09/21/13 13:46	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			09/21/13 13:46	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			09/21/13 13:46	5
2-Hexanone	ND		25	6.2	ug/L			09/21/13 13:46	5
2-Butanone (MEK)	ND		50	6.6	ug/L			09/21/13 13:46	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			09/21/13 13:46	5
Acetone	ND		50	15	ug/L			09/21/13 13:46	5
Benzene	400		5.0	2.1	ug/L			09/21/13 13:46	5
Bromodichloromethane	ND		5.0	2.0	ug/L			09/21/13 13:46	5
Bromoform	ND		5.0	1.3	ug/L			09/21/13 13:46	5
Bromomethane	ND		5.0	3.5	ug/L			09/21/13 13:46	5
Carbon disulfide	ND		5.0	0.95	ug/L			09/21/13 13:46	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			09/21/13 13:46	5
Chlorobenzene	ND		5.0	3.8	ug/L			09/21/13 13:46	5
Dibromochloromethane	ND		5.0	1.6	ug/L			09/21/13 13:46	5
Chloroethane	ND		5.0	1.6	ug/L			09/21/13 13:46	5
Chloroform	ND		5.0	1.7	ug/L			09/21/13 13:46	5
Chloromethane	ND		5.0	1.8	ug/L			09/21/13 13:46	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			09/21/13 13:46	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			09/21/13 13:46	5
Cyclohexane	ND		5.0	0.90	ug/L			09/21/13 13:46	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			09/21/13 13:46	5
Ethylbenzene	390		5.0	3.7	ug/L			09/21/13 13:46	5
Isopropylbenzene	14		5.0	4.0	ug/L			09/21/13 13:46	5
Methyl acetate	ND		5.0	2.5	ug/L			09/21/13 13:46	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			09/21/13 13:46	5
Methylcyclohexane	ND		5.0	0.80	ug/L			09/21/13 13:46	5
Methylene Chloride	ND		5.0	2.2	ug/L			09/21/13 13:46	5
Styrene	ND		5.0	3.7	ug/L			09/21/13 13:46	5

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: EW-6

Lab Sample ID: 480-45934-3

Date Collected: 09/16/13 13:30

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0	1.8	ug/L			09/21/13 13:46	5
Toluene	5.0		5.0	2.6	ug/L			09/21/13 13:46	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			09/21/13 13:46	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			09/21/13 13:46	5
Trichloroethene	ND		5.0	2.3	ug/L			09/21/13 13:46	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			09/21/13 13:46	5
Vinyl chloride	ND		5.0	4.5	ug/L			09/21/13 13:46	5
Xylenes, Total	110		10	3.3	ug/L			09/21/13 13:46	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137					09/21/13 13:46	5
Toluene-d8 (Surr)	108		71 - 126					09/21/13 13:46	5
4-Bromofluorobenzene (Surr)	106		73 - 120					09/21/13 13:46	5

Client Sample ID: EW-5

Lab Sample ID: 480-45934-4

Date Collected: 09/16/13 13:45

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			09/21/13 14:07	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			09/21/13 14:07	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			09/21/13 14:07	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			09/21/13 14:07	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			09/21/13 14:07	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			09/21/13 14:07	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			09/21/13 14:07	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			09/21/13 14:07	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			09/21/13 14:07	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			09/21/13 14:07	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			09/21/13 14:07	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			09/21/13 14:07	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			09/21/13 14:07	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			09/21/13 14:07	5
2-Hexanone	ND		25	6.2	ug/L			09/21/13 14:07	5
2-Butanone (MEK)	ND		50	6.6	ug/L			09/21/13 14:07	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			09/21/13 14:07	5
Acetone	310		50	15	ug/L			09/21/13 14:07	5
Benzene	100		5.0	2.1	ug/L			09/21/13 14:07	5
Bromodichloromethane	ND		5.0	2.0	ug/L			09/21/13 14:07	5
Bromoform	ND		5.0	1.3	ug/L			09/21/13 14:07	5
Bromomethane	ND		5.0	3.5	ug/L			09/21/13 14:07	5
Carbon disulfide	ND		5.0	0.95	ug/L			09/21/13 14:07	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			09/21/13 14:07	5
Chlorobenzene	ND		5.0	3.8	ug/L			09/21/13 14:07	5
Dibromochloromethane	ND		5.0	1.6	ug/L			09/21/13 14:07	5
Chloroethane	ND		5.0	1.6	ug/L			09/21/13 14:07	5
Chloroform	ND		5.0	1.7	ug/L			09/21/13 14:07	5
Chloromethane	ND		5.0	1.8	ug/L			09/21/13 14:07	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			09/21/13 14:07	5

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: EW-5

Lab Sample ID: 480-45934-4

Date Collected: 09/16/13 13:45

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			09/21/13 14:07	5
Cyclohexane	ND		5.0	0.90	ug/L			09/21/13 14:07	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			09/21/13 14:07	5
Ethylbenzene	84		5.0	3.7	ug/L			09/21/13 14:07	5
Isopropylbenzene	7.0		5.0	4.0	ug/L			09/21/13 14:07	5
Methyl acetate	ND		5.0	2.5	ug/L			09/21/13 14:07	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			09/21/13 14:07	5
Methylcyclohexane	ND		5.0	0.80	ug/L			09/21/13 14:07	5
Methylene Chloride	ND		5.0	2.2	ug/L			09/21/13 14:07	5
Styrene	ND		5.0	3.7	ug/L			09/21/13 14:07	5
Tetrachloroethene	ND		5.0	1.8	ug/L			09/21/13 14:07	5
Toluene	6.6		5.0	2.6	ug/L			09/21/13 14:07	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			09/21/13 14:07	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			09/21/13 14:07	5
Trichloroethene	ND		5.0	2.3	ug/L			09/21/13 14:07	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			09/21/13 14:07	5
Vinyl chloride	ND		5.0	4.5	ug/L			09/21/13 14:07	5
Xylenes, Total	61		10	3.3	ug/L			09/21/13 14:07	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137					09/21/13 14:07	5
Toluene-d8 (Surr)	107		71 - 126					09/21/13 14:07	5
4-Bromofluorobenzene (Surr)	106		73 - 120					09/21/13 14:07	5

Client Sample ID: EW-4

Lab Sample ID: 480-45934-5

Date Collected: 09/16/13 14:00

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			09/21/13 14:29	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			09/21/13 14:29	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			09/21/13 14:29	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			09/21/13 14:29	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			09/21/13 14:29	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			09/21/13 14:29	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			09/21/13 14:29	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			09/21/13 14:29	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			09/21/13 14:29	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			09/21/13 14:29	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			09/21/13 14:29	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			09/21/13 14:29	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			09/21/13 14:29	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			09/21/13 14:29	5
2-Hexanone	ND		25	6.2	ug/L			09/21/13 14:29	5
2-Butanone (MEK)	ND		50	6.6	ug/L			09/21/13 14:29	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			09/21/13 14:29	5
Acetone	53		50	15	ug/L			09/21/13 14:29	5
Benzene	35		5.0	2.1	ug/L			09/21/13 14:29	5
Bromodichloromethane	ND		5.0	2.0	ug/L			09/21/13 14:29	5

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: EW-4

Lab Sample ID: 480-45934-5

Date Collected: 09/16/13 14:00

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.0	1.3	ug/L			09/21/13 14:29	5
Bromomethane	ND		5.0	3.5	ug/L			09/21/13 14:29	5
Carbon disulfide	ND		5.0	0.95	ug/L			09/21/13 14:29	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			09/21/13 14:29	5
Chlorobenzene	ND		5.0	3.8	ug/L			09/21/13 14:29	5
Dibromochloromethane	ND		5.0	1.6	ug/L			09/21/13 14:29	5
Chloroethane	ND		5.0	1.6	ug/L			09/21/13 14:29	5
Chloroform	ND		5.0	1.7	ug/L			09/21/13 14:29	5
Chloromethane	ND		5.0	1.8	ug/L			09/21/13 14:29	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			09/21/13 14:29	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			09/21/13 14:29	5
Cyclohexane	ND		5.0	0.90	ug/L			09/21/13 14:29	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			09/21/13 14:29	5
Ethylbenzene	14		5.0	3.7	ug/L			09/21/13 14:29	5
Isopropylbenzene	ND		5.0	4.0	ug/L			09/21/13 14:29	5
Methyl acetate	ND		5.0	2.5	ug/L			09/21/13 14:29	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			09/21/13 14:29	5
Methylcyclohexane	ND		5.0	0.80	ug/L			09/21/13 14:29	5
Methylene Chloride	ND		5.0	2.2	ug/L			09/21/13 14:29	5
Styrene	ND		5.0	3.7	ug/L			09/21/13 14:29	5
Tetrachloroethene	ND		5.0	1.8	ug/L			09/21/13 14:29	5
Toluene	ND		5.0	2.6	ug/L			09/21/13 14:29	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			09/21/13 14:29	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			09/21/13 14:29	5
Trichloroethene	ND		5.0	2.3	ug/L			09/21/13 14:29	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			09/21/13 14:29	5
Vinyl chloride	ND		5.0	4.5	ug/L			09/21/13 14:29	5
Xylenes, Total	11		10	3.3	ug/L			09/21/13 14:29	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137					09/21/13 14:29	5
Toluene-d8 (Surr)	110		71 - 126					09/21/13 14:29	5
4-Bromofluorobenzene (Surr)	108		73 - 120					09/21/13 14:29	5

Client Sample ID: PF-3

Lab Sample ID: 480-45934-6

Date Collected: 09/16/13 14:15

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			09/21/13 14:50	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			09/21/13 14:50	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			09/21/13 14:50	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			09/21/13 14:50	10
1,1-Dichloroethane	ND		10	3.8	ug/L			09/21/13 14:50	10
1,1-Dichloroethene	ND		10	2.9	ug/L			09/21/13 14:50	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			09/21/13 14:50	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			09/21/13 14:50	10
1,2-Dibromoethane	ND		10	7.3	ug/L			09/21/13 14:50	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			09/21/13 14:50	10

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: PF-3

Lab Sample ID: 480-45934-6

Date Collected: 09/16/13 14:15

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		10	2.1	ug/L			09/21/13 14:50	10
1,2-Dichloropropane	ND		10	7.2	ug/L			09/21/13 14:50	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			09/21/13 14:50	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			09/21/13 14:50	10
2-Hexanone	ND		50	12	ug/L			09/21/13 14:50	10
2-Butanone (MEK)	ND		100	13	ug/L			09/21/13 14:50	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			09/21/13 14:50	10
Acetone	ND		100	30	ug/L			09/21/13 14:50	10
Benzene	780		10	4.1	ug/L			09/21/13 14:50	10
Bromodichloromethane	ND		10	3.9	ug/L			09/21/13 14:50	10
Bromoform	ND		10	2.6	ug/L			09/21/13 14:50	10
Bromomethane	ND		10	6.9	ug/L			09/21/13 14:50	10
Carbon disulfide	ND		10	1.9	ug/L			09/21/13 14:50	10
Carbon tetrachloride	ND		10	2.7	ug/L			09/21/13 14:50	10
Chlorobenzene	ND		10	7.5	ug/L			09/21/13 14:50	10
Dibromochloromethane	ND		10	3.2	ug/L			09/21/13 14:50	10
Chloroethane	ND		10	3.2	ug/L			09/21/13 14:50	10
Chloroform	ND		10	3.4	ug/L			09/21/13 14:50	10
Chloromethane	ND		10	3.5	ug/L			09/21/13 14:50	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			09/21/13 14:50	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			09/21/13 14:50	10
Cyclohexane	ND		10	1.8	ug/L			09/21/13 14:50	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			09/21/13 14:50	10
Ethylbenzene	180		10	7.4	ug/L			09/21/13 14:50	10
Isopropylbenzene	110		10	7.9	ug/L			09/21/13 14:50	10
Methyl acetate	ND		10	5.0	ug/L			09/21/13 14:50	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			09/21/13 14:50	10
Methylcyclohexane	4.4 J		10	1.6	ug/L			09/21/13 14:50	10
Methylene Chloride	ND		10	4.4	ug/L			09/21/13 14:50	10
Styrene	ND		10	7.3	ug/L			09/21/13 14:50	10
Tetrachloroethene	ND		10	3.6	ug/L			09/21/13 14:50	10
Toluene	8.5 J		10	5.1	ug/L			09/21/13 14:50	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			09/21/13 14:50	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			09/21/13 14:50	10
Trichloroethene	ND		10	4.6	ug/L			09/21/13 14:50	10
Trichlorofluoromethane	ND		10	8.8	ug/L			09/21/13 14:50	10
Vinyl chloride	ND		10	9.0	ug/L			09/21/13 14:50	10
Xylenes, Total	310		20	6.6	ug/L			09/21/13 14:50	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137					09/21/13 14:50	10
Toluene-d8 (Surr)	109		71 - 126					09/21/13 14:50	10
4-Bromofluorobenzene (Surr)	108		73 - 120					09/21/13 14:50	10

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: EW-3

Lab Sample ID: 480-45934-7

Date Collected: 09/16/13 14:30

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/21/13 15:12	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/21/13 15:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/21/13 15:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/21/13 15:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/21/13 15:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/21/13 15:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/21/13 15:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/21/13 15:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/21/13 15:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/21/13 15:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/21/13 15:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/21/13 15:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/21/13 15:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/21/13 15:12	1
2-Hexanone	ND		5.0	1.2	ug/L			09/21/13 15:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/21/13 15:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/21/13 15:12	1
Acetone	22		10	3.0	ug/L			09/21/13 15:12	1
Benzene	ND		1.0	0.41	ug/L			09/21/13 15:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/21/13 15:12	1
Bromoform	ND		1.0	0.26	ug/L			09/21/13 15:12	1
Bromomethane	ND		1.0	0.69	ug/L			09/21/13 15:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/21/13 15:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/21/13 15:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/21/13 15:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/21/13 15:12	1
Chloroethane	ND		1.0	0.32	ug/L			09/21/13 15:12	1
Chloroform	ND		1.0	0.34	ug/L			09/21/13 15:12	1
Chloromethane	ND		1.0	0.35	ug/L			09/21/13 15:12	1
cis-1,2-Dichloroethene	7.6		1.0	0.81	ug/L			09/21/13 15:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/21/13 15:12	1
Cyclohexane	ND		1.0	0.18	ug/L			09/21/13 15:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/21/13 15:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/21/13 15:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/21/13 15:12	1
Methyl acetate	ND		1.0	0.50	ug/L			09/21/13 15:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/21/13 15:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/21/13 15:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/21/13 15:12	1
Styrene	ND		1.0	0.73	ug/L			09/21/13 15:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/21/13 15:12	1
Toluene	ND		1.0	0.51	ug/L			09/21/13 15:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/21/13 15:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/21/13 15:12	1
Trichloroethene	6.0		1.0	0.46	ug/L			09/21/13 15:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/21/13 15:12	1
Vinyl chloride	1.1		1.0	0.90	ug/L			09/21/13 15:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/21/13 15:12	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: EW-3

Date Collected: 09/16/13 14:30

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-7

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		09/21/13 15:12	1
Toluene-d8 (Surr)	111		71 - 126		09/21/13 15:12	1
4-Bromofluorobenzene (Surr)	105		73 - 120		09/21/13 15:12	1

Client Sample ID: PF-2

Date Collected: 09/16/13 14:45

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/21/13 15:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/21/13 15:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/21/13 15:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/21/13 15:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/21/13 15:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/21/13 15:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/21/13 15:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/21/13 15:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/21/13 15:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/21/13 15:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/21/13 15:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/21/13 15:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/21/13 15:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/21/13 15:33	1
2-Hexanone	ND		5.0	1.2	ug/L			09/21/13 15:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/21/13 15:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/21/13 15:33	1
Acetone	ND		10	3.0	ug/L			09/21/13 15:33	1
Benzene	ND		1.0	0.41	ug/L			09/21/13 15:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/21/13 15:33	1
Bromoform	ND		1.0	0.26	ug/L			09/21/13 15:33	1
Bromomethane	ND		1.0	0.69	ug/L			09/21/13 15:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/21/13 15:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/21/13 15:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/21/13 15:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/21/13 15:33	1
Chloroethane	ND		1.0	0.32	ug/L			09/21/13 15:33	1
Chloroform	ND		1.0	0.34	ug/L			09/21/13 15:33	1
Chloromethane	ND		1.0	0.35	ug/L			09/21/13 15:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/21/13 15:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/21/13 15:33	1
Cyclohexane	ND		1.0	0.18	ug/L			09/21/13 15:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/21/13 15:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/21/13 15:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/21/13 15:33	1
Methyl acetate	ND		1.0	0.50	ug/L			09/21/13 15:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/21/13 15:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/21/13 15:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/21/13 15:33	1
Styrene	ND		1.0	0.73	ug/L			09/21/13 15:33	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: PF-2

Lab Sample ID: 480-45934-8

Date Collected: 09/16/13 14:45

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			09/21/13 15:33	1
Toluene	ND		1.0	0.51	ug/L			09/21/13 15:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/21/13 15:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/21/13 15:33	1
Trichloroethene	ND		1.0	0.46	ug/L			09/21/13 15:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/21/13 15:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/21/13 15:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/21/13 15:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		66 - 137					09/21/13 15:33	1
Toluene-d8 (Surr)	107		71 - 126					09/21/13 15:33	1
4-Bromofluorobenzene (Surr)	102		73 - 120					09/21/13 15:33	1

Client Sample ID: MWS-4

Lab Sample ID: 480-45934-9

Date Collected: 09/16/13 15:00

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/21/13 15:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/21/13 15:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/21/13 15:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/21/13 15:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/21/13 15:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/21/13 15:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/21/13 15:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/21/13 15:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/21/13 15:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/21/13 15:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/21/13 15:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/21/13 15:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/21/13 15:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/21/13 15:55	1
2-Hexanone	ND		5.0	1.2	ug/L			09/21/13 15:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/21/13 15:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/21/13 15:55	1
Acetone	4.1	J	10	3.0	ug/L			09/21/13 15:55	1
Benzene	ND		1.0	0.41	ug/L			09/21/13 15:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/21/13 15:55	1
Bromoform	ND		1.0	0.26	ug/L			09/21/13 15:55	1
Bromomethane	ND		1.0	0.69	ug/L			09/21/13 15:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/21/13 15:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/21/13 15:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/21/13 15:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/21/13 15:55	1
Chloroethane	ND		1.0	0.32	ug/L			09/21/13 15:55	1
Chloroform	ND		1.0	0.34	ug/L			09/21/13 15:55	1
Chloromethane	ND		1.0	0.35	ug/L			09/21/13 15:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/21/13 15:55	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: MWS-4

Lab Sample ID: 480-45934-9

Date Collected: 09/16/13 15:00

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/21/13 15:55	1
Cyclohexane	ND		1.0	0.18	ug/L			09/21/13 15:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/21/13 15:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/21/13 15:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/21/13 15:55	1
Methyl acetate	ND		1.0	0.50	ug/L			09/21/13 15:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/21/13 15:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/21/13 15:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/21/13 15:55	1
Styrene	ND		1.0	0.73	ug/L			09/21/13 15:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/21/13 15:55	1
Toluene	ND		1.0	0.51	ug/L			09/21/13 15:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/21/13 15:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/21/13 15:55	1
Trichloroethene	ND		1.0	0.46	ug/L			09/21/13 15:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/21/13 15:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/21/13 15:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/21/13 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		09/21/13 15:55	1
Toluene-d8 (Surr)	107		71 - 126		09/21/13 15:55	1
4-Bromofluorobenzene (Surr)	102		73 - 120		09/21/13 15:55	1

Client Sample ID: B-19

Lab Sample ID: 480-45934-10

Date Collected: 09/16/13 15:15

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			09/21/13 16:17	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			09/21/13 16:17	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			09/21/13 16:17	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			09/21/13 16:17	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			09/21/13 16:17	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			09/21/13 16:17	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			09/21/13 16:17	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			09/21/13 16:17	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			09/21/13 16:17	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			09/21/13 16:17	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			09/21/13 16:17	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			09/21/13 16:17	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			09/21/13 16:17	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			09/21/13 16:17	5
2-Hexanone	ND		25	6.2	ug/L			09/21/13 16:17	5
2-Butanone (MEK)	ND		50	6.6	ug/L			09/21/13 16:17	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			09/21/13 16:17	5
Acetone	ND		50	15	ug/L			09/21/13 16:17	5
Benzene	ND		5.0	2.1	ug/L			09/21/13 16:17	5
Bromodichloromethane	ND		5.0	2.0	ug/L			09/21/13 16:17	5

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: B-19

Lab Sample ID: 480-45934-10

Date Collected: 09/16/13 15:15

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.0	1.3	ug/L			09/21/13 16:17	5
Bromomethane	ND		5.0	3.5	ug/L			09/21/13 16:17	5
Carbon disulfide	ND		5.0	0.95	ug/L			09/21/13 16:17	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			09/21/13 16:17	5
Chlorobenzene	ND		5.0	3.8	ug/L			09/21/13 16:17	5
Dibromochloromethane	ND		5.0	1.6	ug/L			09/21/13 16:17	5
Chloroethane	ND		5.0	1.6	ug/L			09/21/13 16:17	5
Chloroform	ND		5.0	1.7	ug/L			09/21/13 16:17	5
Chloromethane	ND		5.0	1.8	ug/L			09/21/13 16:17	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			09/21/13 16:17	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			09/21/13 16:17	5
Cyclohexane	ND		5.0	0.90	ug/L			09/21/13 16:17	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			09/21/13 16:17	5
Ethylbenzene	ND		5.0	3.7	ug/L			09/21/13 16:17	5
Isopropylbenzene	ND		5.0	4.0	ug/L			09/21/13 16:17	5
Methyl acetate	ND		5.0	2.5	ug/L			09/21/13 16:17	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			09/21/13 16:17	5
Methylcyclohexane	ND		5.0	0.80	ug/L			09/21/13 16:17	5
Methylene Chloride	ND		5.0	2.2	ug/L			09/21/13 16:17	5
Styrene	ND		5.0	3.7	ug/L			09/21/13 16:17	5
Tetrachloroethene	ND		5.0	1.8	ug/L			09/21/13 16:17	5
Toluene	ND		5.0	2.6	ug/L			09/21/13 16:17	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			09/21/13 16:17	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			09/21/13 16:17	5
Trichloroethene	ND		5.0	2.3	ug/L			09/21/13 16:17	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			09/21/13 16:17	5
Vinyl chloride	ND		5.0	4.5	ug/L			09/21/13 16:17	5
Xylenes, Total	ND		10	3.3	ug/L			09/21/13 16:17	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		09/21/13 16:17	5
Toluene-d8 (Surr)	109		71 - 126		09/21/13 16:17	5
4-Bromofluorobenzene (Surr)	102		73 - 120		09/21/13 16:17	5

Client Sample ID: P-1

Lab Sample ID: 480-45934-11

Date Collected: 09/16/13 15:30

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			09/21/13 16:38	5
1,1,1,2-Tetrachloroethane	ND		5.0	1.1	ug/L			09/21/13 16:38	5
1,1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			09/21/13 16:38	5
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			09/21/13 16:38	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			09/21/13 16:38	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			09/21/13 16:38	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			09/21/13 16:38	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			09/21/13 16:38	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			09/21/13 16:38	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			09/21/13 16:38	5

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: P-1

Lab Sample ID: 480-45934-11

Date Collected: 09/16/13 15:30

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		5.0	1.1	ug/L			09/21/13 16:38	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			09/21/13 16:38	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			09/21/13 16:38	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			09/21/13 16:38	5
2-Hexanone	ND		25	6.2	ug/L			09/21/13 16:38	5
2-Butanone (MEK)	ND		50	6.6	ug/L			09/21/13 16:38	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			09/21/13 16:38	5
Acetone	ND		50	15	ug/L			09/21/13 16:38	5
Benzene	ND		5.0	2.1	ug/L			09/21/13 16:38	5
Bromodichloromethane	ND		5.0	2.0	ug/L			09/21/13 16:38	5
Bromoform	ND		5.0	1.3	ug/L			09/21/13 16:38	5
Bromomethane	ND		5.0	3.5	ug/L			09/21/13 16:38	5
Carbon disulfide	ND		5.0	0.95	ug/L			09/21/13 16:38	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			09/21/13 16:38	5
Chlorobenzene	ND		5.0	3.8	ug/L			09/21/13 16:38	5
Dibromochloromethane	ND		5.0	1.6	ug/L			09/21/13 16:38	5
Chloroethane	ND		5.0	1.6	ug/L			09/21/13 16:38	5
Chloroform	ND		5.0	1.7	ug/L			09/21/13 16:38	5
Chloromethane	ND		5.0	1.8	ug/L			09/21/13 16:38	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			09/21/13 16:38	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			09/21/13 16:38	5
Cyclohexane	ND		5.0	0.90	ug/L			09/21/13 16:38	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			09/21/13 16:38	5
Ethylbenzene	ND		5.0	3.7	ug/L			09/21/13 16:38	5
Isopropylbenzene	ND		5.0	4.0	ug/L			09/21/13 16:38	5
Methyl acetate	ND		5.0	2.5	ug/L			09/21/13 16:38	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			09/21/13 16:38	5
Methylcyclohexane	ND		5.0	0.80	ug/L			09/21/13 16:38	5
Methylene Chloride	ND		5.0	2.2	ug/L			09/21/13 16:38	5
Styrene	ND		5.0	3.7	ug/L			09/21/13 16:38	5
Tetrachloroethene	ND		5.0	1.8	ug/L			09/21/13 16:38	5
Toluene	ND		5.0	2.6	ug/L			09/21/13 16:38	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			09/21/13 16:38	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			09/21/13 16:38	5
Trichloroethene	ND		5.0	2.3	ug/L			09/21/13 16:38	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			09/21/13 16:38	5
Vinyl chloride	ND		5.0	4.5	ug/L			09/21/13 16:38	5
Xylenes, Total	ND		10	3.3	ug/L			09/21/13 16:38	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137					09/21/13 16:38	5
Toluene-d8 (Surr)	108		71 - 126					09/21/13 16:38	5
4-Bromofluorobenzene (Surr)	103		73 - 120					09/21/13 16:38	5

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: P-2

Lab Sample ID: 480-45934-12

Date Collected: 09/16/13 15:35

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/21/13 17:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/21/13 17:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/21/13 17:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/21/13 17:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/21/13 17:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/21/13 17:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/21/13 17:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/21/13 17:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/21/13 17:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/21/13 17:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/21/13 17:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/21/13 17:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/21/13 17:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/21/13 17:00	1
2-Hexanone	ND		5.0	1.2	ug/L			09/21/13 17:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/21/13 17:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/21/13 17:00	1
Acetone	ND		10	3.0	ug/L			09/21/13 17:00	1
Benzene	1.2		1.0	0.41	ug/L			09/21/13 17:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/21/13 17:00	1
Bromoform	ND		1.0	0.26	ug/L			09/21/13 17:00	1
Bromomethane	ND		1.0	0.69	ug/L			09/21/13 17:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/21/13 17:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/21/13 17:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/21/13 17:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/21/13 17:00	1
Chloroethane	ND		1.0	0.32	ug/L			09/21/13 17:00	1
Chloroform	ND		1.0	0.34	ug/L			09/21/13 17:00	1
Chloromethane	ND		1.0	0.35	ug/L			09/21/13 17:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/21/13 17:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/21/13 17:00	1
Cyclohexane	ND		1.0	0.18	ug/L			09/21/13 17:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/21/13 17:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/21/13 17:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/21/13 17:00	1
Methyl acetate	ND		1.0	0.50	ug/L			09/21/13 17:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/21/13 17:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/21/13 17:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/21/13 17:00	1
Styrene	ND		1.0	0.73	ug/L			09/21/13 17:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/21/13 17:00	1
Toluene	0.78 J		1.0	0.51	ug/L			09/21/13 17:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/21/13 17:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/21/13 17:00	1
Trichloroethene	ND		1.0	0.46	ug/L			09/21/13 17:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/21/13 17:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/21/13 17:00	1
Xylenes, Total	1.8 J		2.0	0.66	ug/L			09/21/13 17:00	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: P-2

Date Collected: 09/16/13 15:35

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-12

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		09/21/13 17:00	1
Toluene-d8 (Surr)	107		71 - 126		09/21/13 17:00	1
4-Bromofluorobenzene (Surr)	104		73 - 120		09/21/13 17:00	1

Client Sample ID: B-6

Date Collected: 09/16/13 15:40

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/22/13 13:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/13 13:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/13 13:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/13 13:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/13 13:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/13 13:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/13 13:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/13 13:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/22/13 13:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/13 13:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/13 13:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/13 13:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/13 13:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/13 13:33	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/13 13:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/13 13:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/13 13:33	1
Acetone	ND		10	3.0	ug/L			09/22/13 13:33	1
Benzene	ND		1.0	0.41	ug/L			09/22/13 13:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/13 13:33	1
Bromoform	ND		1.0	0.26	ug/L			09/22/13 13:33	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/13 13:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/13 13:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/13 13:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/13 13:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/22/13 13:33	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/13 13:33	1
Chloroform	3.1		1.0	0.34	ug/L			09/22/13 13:33	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/13 13:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/22/13 13:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/13 13:33	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/13 13:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/13 13:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/13 13:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/13 13:33	1
Methyl acetate	ND		1.0	0.50	ug/L			09/22/13 13:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/13 13:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/13 13:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/13 13:33	1
Styrene	ND		1.0	0.73	ug/L			09/22/13 13:33	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: B-6

Lab Sample ID: 480-45934-13

Date Collected: 09/16/13 15:40

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/13 13:33	1
Toluene	ND		1.0	0.51	ug/L			09/22/13 13:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/13 13:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/13 13:33	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/13 13:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/13 13:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/22/13 13:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/13 13:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		66 - 137					09/22/13 13:33	1
Toluene-d8 (Surr)	105		71 - 126					09/22/13 13:33	1
4-Bromofluorobenzene (Surr)	99		73 - 120					09/22/13 13:33	1

Client Sample ID: P-3

Lab Sample ID: 480-45934-14

Date Collected: 09/16/13 15:45

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			09/22/13 13:54	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			09/22/13 13:54	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			09/22/13 13:54	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			09/22/13 13:54	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			09/22/13 13:54	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			09/22/13 13:54	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			09/22/13 13:54	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			09/22/13 13:54	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			09/22/13 13:54	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			09/22/13 13:54	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			09/22/13 13:54	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			09/22/13 13:54	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			09/22/13 13:54	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			09/22/13 13:54	5
2-Hexanone	ND		25	6.2	ug/L			09/22/13 13:54	5
2-Butanone (MEK)	ND		50	6.6	ug/L			09/22/13 13:54	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			09/22/13 13:54	5
Acetone	ND		50	15	ug/L			09/22/13 13:54	5
Benzene	59		5.0	2.1	ug/L			09/22/13 13:54	5
Bromodichloromethane	ND		5.0	2.0	ug/L			09/22/13 13:54	5
Bromoform	ND		5.0	1.3	ug/L			09/22/13 13:54	5
Bromomethane	ND		5.0	3.5	ug/L			09/22/13 13:54	5
Carbon disulfide	ND		5.0	0.95	ug/L			09/22/13 13:54	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			09/22/13 13:54	5
Chlorobenzene	ND		5.0	3.8	ug/L			09/22/13 13:54	5
Dibromochloromethane	ND		5.0	1.6	ug/L			09/22/13 13:54	5
Chloroethane	ND		5.0	1.6	ug/L			09/22/13 13:54	5
Chloroform	ND		5.0	1.7	ug/L			09/22/13 13:54	5
Chloromethane	ND		5.0	1.8	ug/L			09/22/13 13:54	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			09/22/13 13:54	5

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: P-3

Lab Sample ID: 480-45934-14

Date Collected: 09/16/13 15:45

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			09/22/13 13:54	5
Cyclohexane	ND		5.0	0.90	ug/L			09/22/13 13:54	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			09/22/13 13:54	5
Ethylbenzene	5.0		5.0	3.7	ug/L			09/22/13 13:54	5
Isopropylbenzene	ND		5.0	4.0	ug/L			09/22/13 13:54	5
Methyl acetate	ND		5.0	2.5	ug/L			09/22/13 13:54	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			09/22/13 13:54	5
Methylcyclohexane	ND		5.0	0.80	ug/L			09/22/13 13:54	5
Methylene Chloride	ND		5.0	2.2	ug/L			09/22/13 13:54	5
Styrene	ND		5.0	3.7	ug/L			09/22/13 13:54	5
Tetrachloroethene	ND		5.0	1.8	ug/L			09/22/13 13:54	5
Toluene	ND		5.0	2.6	ug/L			09/22/13 13:54	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			09/22/13 13:54	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			09/22/13 13:54	5
Trichloroethene	ND		5.0	2.3	ug/L			09/22/13 13:54	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			09/22/13 13:54	5
Vinyl chloride	ND		5.0	4.5	ug/L			09/22/13 13:54	5
Xylenes, Total	15		10	3.3	ug/L			09/22/13 13:54	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		09/22/13 13:54	5
Toluene-d8 (Surr)	109		71 - 126		09/22/13 13:54	5
4-Bromofluorobenzene (Surr)	106		73 - 120		09/22/13 13:54	5

Client Sample ID: P-4

Lab Sample ID: 480-45934-15

Date Collected: 09/16/13 15:50

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/22/13 14:16	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/13 14:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/13 14:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/13 14:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/13 14:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/13 14:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/13 14:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/13 14:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/22/13 14:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/13 14:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/13 14:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/13 14:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/13 14:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/13 14:16	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/13 14:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/13 14:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/13 14:16	1
Acetone	3.6 J		10	3.0	ug/L			09/22/13 14:16	1
Benzene	61		1.0	0.41	ug/L			09/22/13 14:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/13 14:16	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: P-4

Lab Sample ID: 480-45934-15

Date Collected: 09/16/13 15:50

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.26	ug/L			09/22/13 14:16	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/13 14:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/13 14:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/13 14:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/13 14:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/22/13 14:16	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/13 14:16	1
Chloroform	ND		1.0	0.34	ug/L			09/22/13 14:16	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/13 14:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/22/13 14:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/13 14:16	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/13 14:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/13 14:16	1
Isopropylbenzene	5.1		1.0	0.79	ug/L			09/22/13 14:16	1
Methyl acetate	ND		1.0	0.50	ug/L			09/22/13 14:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/13 14:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/13 14:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/13 14:16	1
Styrene	ND		1.0	0.73	ug/L			09/22/13 14:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/13 14:16	1
Toluene	47		1.0	0.51	ug/L			09/22/13 14:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/13 14:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/13 14:16	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/13 14:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/13 14:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/22/13 14:16	1
Xylenes, Total	110		2.0	0.66	ug/L			09/22/13 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		09/22/13 14:16	1
Toluene-d8 (Surr)	110		71 - 126		09/22/13 14:16	1
4-Bromofluorobenzene (Surr)	107		73 - 120		09/22/13 14:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	110		2.0	1.5	ug/L			09/23/13 11:13	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		09/23/13 11:13	2
Toluene-d8 (Surr)	108		71 - 126		09/23/13 11:13	2
4-Bromofluorobenzene (Surr)	107		73 - 120		09/23/13 11:13	2

Client Sample ID: B-7

Lab Sample ID: 480-45934-16

Date Collected: 09/16/13 16:00

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/21/13 18:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/21/13 18:28	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: B-7

Lab Sample ID: 480-45934-16

Date Collected: 09/16/13 16:00

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/21/13 18:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/21/13 18:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/21/13 18:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/21/13 18:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/21/13 18:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/21/13 18:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/21/13 18:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/21/13 18:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/21/13 18:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/21/13 18:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/21/13 18:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/21/13 18:28	1
2-Hexanone	ND		5.0	1.2	ug/L			09/21/13 18:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/21/13 18:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/21/13 18:28	1
Acetone	ND		10	3.0	ug/L			09/21/13 18:28	1
Benzene	1.4		1.0	0.41	ug/L			09/21/13 18:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/21/13 18:28	1
Bromoform	ND		1.0	0.26	ug/L			09/21/13 18:28	1
Bromomethane	ND		1.0	0.69	ug/L			09/21/13 18:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/21/13 18:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/21/13 18:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/21/13 18:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/21/13 18:28	1
Chloroethane	ND		1.0	0.32	ug/L			09/21/13 18:28	1
Chloroform	ND		1.0	0.34	ug/L			09/21/13 18:28	1
Chloromethane	ND		1.0	0.35	ug/L			09/21/13 18:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/21/13 18:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/21/13 18:28	1
Cyclohexane	ND		1.0	0.18	ug/L			09/21/13 18:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/21/13 18:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/21/13 18:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/21/13 18:28	1
Methyl acetate	ND		1.0	0.50	ug/L			09/21/13 18:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/21/13 18:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/21/13 18:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/21/13 18:28	1
Styrene	ND		1.0	0.73	ug/L			09/21/13 18:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/21/13 18:28	1
Toluene	ND		1.0	0.51	ug/L			09/21/13 18:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/21/13 18:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/21/13 18:28	1
Trichloroethene	ND		1.0	0.46	ug/L			09/21/13 18:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/21/13 18:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/21/13 18:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/21/13 18:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		09/21/13 18:28	1
Toluene-d8 (Surr)	109		71 - 126		09/21/13 18:28	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: B-7

Date Collected: 09/16/13 16:00

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-16

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		73 - 120		09/21/13 18:28	1

Client Sample ID: P-5

Date Collected: 09/16/13 16:10

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-17

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			09/21/13 18:49	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			09/21/13 18:49	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			09/21/13 18:49	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			09/21/13 18:49	10
1,1-Dichloroethane	ND		10	3.8	ug/L			09/21/13 18:49	10
1,1-Dichloroethene	ND		10	2.9	ug/L			09/21/13 18:49	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			09/21/13 18:49	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			09/21/13 18:49	10
1,2-Dibromoethane	ND		10	7.3	ug/L			09/21/13 18:49	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			09/21/13 18:49	10
1,2-Dichloroethane	ND		10	2.1	ug/L			09/21/13 18:49	10
1,2-Dichloropropane	ND		10	7.2	ug/L			09/21/13 18:49	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			09/21/13 18:49	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			09/21/13 18:49	10
2-Hexanone	ND		50	12	ug/L			09/21/13 18:49	10
2-Butanone (MEK)	ND		100	13	ug/L			09/21/13 18:49	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			09/21/13 18:49	10
Acetone	ND		100	30	ug/L			09/21/13 18:49	10
Benzene	280		10	4.1	ug/L			09/21/13 18:49	10
Bromodichloromethane	ND		10	3.9	ug/L			09/21/13 18:49	10
Bromoform	ND		10	2.6	ug/L			09/21/13 18:49	10
Bromomethane	ND		10	6.9	ug/L			09/21/13 18:49	10
Carbon disulfide	ND		10	1.9	ug/L			09/21/13 18:49	10
Carbon tetrachloride	ND		10	2.7	ug/L			09/21/13 18:49	10
Chlorobenzene	ND		10	7.5	ug/L			09/21/13 18:49	10
Dibromochloromethane	ND		10	3.2	ug/L			09/21/13 18:49	10
Chloroethane	ND		10	3.2	ug/L			09/21/13 18:49	10
Chloroform	ND		10	3.4	ug/L			09/21/13 18:49	10
Chloromethane	ND		10	3.5	ug/L			09/21/13 18:49	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			09/21/13 18:49	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			09/21/13 18:49	10
Cyclohexane	ND		10	1.8	ug/L			09/21/13 18:49	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			09/21/13 18:49	10
Isopropylbenzene	68		10	7.9	ug/L			09/21/13 18:49	10
Methyl acetate	ND		10	5.0	ug/L			09/21/13 18:49	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			09/21/13 18:49	10
Methylcyclohexane	2.2 J		10	1.6	ug/L			09/21/13 18:49	10
Methylene Chloride	ND		10	4.4	ug/L			09/21/13 18:49	10
Styrene	ND		10	7.3	ug/L			09/21/13 18:49	10
Tetrachloroethene	ND		10	3.6	ug/L			09/21/13 18:49	10
Toluene	12		10	5.1	ug/L			09/21/13 18:49	10

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: P-5

Lab Sample ID: 480-45934-17

Date Collected: 09/16/13 16:10

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			09/21/13 18:49	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			09/21/13 18:49	10
Trichloroethene	ND		10	4.6	ug/L			09/21/13 18:49	10
Trichlorofluoromethane	ND		10	8.8	ug/L			09/21/13 18:49	10
Vinyl chloride	ND		10	9.0	ug/L			09/21/13 18:49	10
Xylenes, Total	530		20	6.6	ug/L			09/21/13 18:49	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		09/21/13 18:49	10
Toluene-d8 (Surr)	109		71 - 126		09/21/13 18:49	10
4-Bromofluorobenzene (Surr)	105		73 - 120		09/21/13 18:49	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	2300		40	30	ug/L			09/22/13 14:38	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		09/22/13 14:38	40
Toluene-d8 (Surr)	107		71 - 126		09/22/13 14:38	40
4-Bromofluorobenzene (Surr)	104		73 - 120		09/22/13 14:38	40

Client Sample ID: P-6

Lab Sample ID: 480-45934-18

Date Collected: 09/16/13 16:20

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			09/21/13 19:11	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			09/21/13 19:11	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			09/21/13 19:11	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			09/21/13 19:11	10
1,1-Dichloroethane	ND		10	3.8	ug/L			09/21/13 19:11	10
1,1-Dichloroethene	ND		10	2.9	ug/L			09/21/13 19:11	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			09/21/13 19:11	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			09/21/13 19:11	10
1,2-Dibromoethane	ND		10	7.3	ug/L			09/21/13 19:11	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			09/21/13 19:11	10
1,2-Dichloroethane	ND		10	2.1	ug/L			09/21/13 19:11	10
1,2-Dichloropropane	ND		10	7.2	ug/L			09/21/13 19:11	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			09/21/13 19:11	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			09/21/13 19:11	10
2-Hexanone	ND		50	12	ug/L			09/21/13 19:11	10
2-Butanone (MEK)	ND		100	13	ug/L			09/21/13 19:11	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			09/21/13 19:11	10
Acetone	33 J		100	30	ug/L			09/21/13 19:11	10
Bromodichloromethane	ND		10	3.9	ug/L			09/21/13 19:11	10
Bromoform	ND		10	2.6	ug/L			09/21/13 19:11	10
Bromomethane	ND		10	6.9	ug/L			09/21/13 19:11	10
Carbon disulfide	ND		10	1.9	ug/L			09/21/13 19:11	10
Carbon tetrachloride	ND		10	2.7	ug/L			09/21/13 19:11	10

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: P-6

Lab Sample ID: 480-45934-18

Date Collected: 09/16/13 16:20

Matrix: Water

Date Received: 09/16/13 17:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		10	7.5	ug/L			09/21/13 19:11	10
Dibromochloromethane	ND		10	3.2	ug/L			09/21/13 19:11	10
Chloroethane	ND		10	3.2	ug/L			09/21/13 19:11	10
Chloroform	ND		10	3.4	ug/L			09/21/13 19:11	10
Chloromethane	ND		10	3.5	ug/L			09/21/13 19:11	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			09/21/13 19:11	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			09/21/13 19:11	10
Cyclohexane	ND		10	1.8	ug/L			09/21/13 19:11	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			09/21/13 19:11	10
Isopropylbenzene	70		10	7.9	ug/L			09/21/13 19:11	10
Methyl acetate	ND		10	5.0	ug/L			09/21/13 19:11	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			09/21/13 19:11	10
Methylcyclohexane	ND		10	1.6	ug/L			09/21/13 19:11	10
Methylene Chloride	ND		10	4.4	ug/L			09/21/13 19:11	10
Styrene	ND		10	7.3	ug/L			09/21/13 19:11	10
Tetrachloroethene	ND		10	3.6	ug/L			09/21/13 19:11	10
Toluene	32		10	5.1	ug/L			09/21/13 19:11	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			09/21/13 19:11	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			09/21/13 19:11	10
Trichloroethene	ND		10	4.6	ug/L			09/21/13 19:11	10
Trichlorofluoromethane	ND		10	8.8	ug/L			09/21/13 19:11	10
Vinyl chloride	ND		10	9.0	ug/L			09/21/13 19:11	10
Xylenes, Total	1200		20	6.6	ug/L			09/21/13 19:11	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		09/21/13 19:11	10
Toluene-d8 (Surr)	110		71 - 126		09/21/13 19:11	10
4-Bromofluorobenzene (Surr)	111		73 - 120		09/21/13 19:11	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7000		100	41	ug/L			09/22/13 14:59	100
Ethylbenzene	4400		100	74	ug/L			09/22/13 14:59	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		09/22/13 14:59	100
Toluene-d8 (Surr)	111		71 - 126		09/22/13 14:59	100
4-Bromofluorobenzene (Surr)	108		73 - 120		09/22/13 14:59	100

TestAmerica Buffalo

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-45934-2	EW-7	105	108	105
480-45934-3	EW-6	106	108	106
480-45934-4	EW-5	99	107	106
480-45934-5	EW-4	103	110	108
480-45934-6	PF-3	102	109	108
480-45934-7	EW-3	100	111	105
480-45934-8	PF-2	96	107	102
480-45934-9	MWS-4	99	107	102
480-45934-10	B-19	100	109	102
480-45934-11	P-1	100	108	103
480-45934-12	P-2	101	107	104
480-45934-13	B-6	97	105	99
480-45934-14	P-3	99	109	106
480-45934-15	P-4	102	110	107
480-45934-15 - DL	P-4	101	108	107
480-45934-16	B-7	103	109	104
480-45934-17	P-5	104	109	105
480-45934-17 - DL	P-5	98	107	104
480-45934-18	P-6	102	110	111
480-45934-18 - DL	P-6	100	111	108
LCS 480-140469/5	Lab Control Sample	101	108	104
LCS 480-140515/6	Lab Control Sample	100	111	109
LCS 480-140556/5	Lab Control Sample	99	108	104
MB 480-140469/6	Method Blank	105	112	103
MB 480-140515/8	Method Blank	100	112	105
MB 480-140556/6	Method Blank	99	109	101

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

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

Lab Sample ID: MB 480-140469/6

Matrix: Water

Analysis Batch: 140469

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/21/13 11:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/21/13 11:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/21/13 11:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/21/13 11:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/21/13 11:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/21/13 11:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/21/13 11:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/21/13 11:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/21/13 11:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/21/13 11:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/21/13 11:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/21/13 11:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/21/13 11:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/21/13 11:47	1
2-Hexanone	ND		5.0	1.2	ug/L			09/21/13 11:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/21/13 11:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/21/13 11:47	1
Acetone	ND		10	3.0	ug/L			09/21/13 11:47	1
Benzene	ND		1.0	0.41	ug/L			09/21/13 11:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/21/13 11:47	1
Bromoform	ND		1.0	0.26	ug/L			09/21/13 11:47	1
Bromomethane	ND		1.0	0.69	ug/L			09/21/13 11:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/21/13 11:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/21/13 11:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/21/13 11:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/21/13 11:47	1
Chloroethane	ND		1.0	0.32	ug/L			09/21/13 11:47	1
Chloroform	ND		1.0	0.34	ug/L			09/21/13 11:47	1
Chloromethane	ND		1.0	0.35	ug/L			09/21/13 11:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/21/13 11:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/21/13 11:47	1
Cyclohexane	ND		1.0	0.18	ug/L			09/21/13 11:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/21/13 11:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/21/13 11:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/21/13 11:47	1
Methyl acetate	ND		1.0	0.50	ug/L			09/21/13 11:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/21/13 11:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/21/13 11:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/21/13 11:47	1
Styrene	ND		1.0	0.73	ug/L			09/21/13 11:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/21/13 11:47	1
Toluene	ND		1.0	0.51	ug/L			09/21/13 11:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/21/13 11:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/21/13 11:47	1
Trichloroethene	ND		1.0	0.46	ug/L			09/21/13 11:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/21/13 11:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/21/13 11:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/21/13 11:47	1

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

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

Lab Sample ID: MB 480-140469/6

Matrix: Water

Analysis Batch: 140469

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137		09/21/13 11:47	1
Toluene-d8 (Surr)	112		71 - 126		09/21/13 11:47	1
4-Bromofluorobenzene (Surr)	103		73 - 120		09/21/13 11:47	1

Lab Sample ID: LCS 480-140469/5

Matrix: Water

Analysis Batch: 140469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.5		ug/L		90	71 - 129
1,1-Dichloroethene	25.0	19.1		ug/L		76	58 - 121
1,2-Dichlorobenzene	25.0	26.8		ug/L		107	80 - 124
1,2-Dichloroethane	25.0	24.3		ug/L		97	75 - 127
Benzene	25.0	24.3		ug/L		97	71 - 124
Chlorobenzene	25.0	27.3		ug/L		109	72 - 120
cis-1,2-Dichloroethene	25.0	24.4		ug/L		98	74 - 124
Ethylbenzene	25.0	25.9		ug/L		104	77 - 123
Methyl tert-butyl ether	25.0	22.4		ug/L		90	64 - 127
Tetrachloroethene	25.0	28.0		ug/L		112	74 - 122
Toluene	25.0	26.8		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	25.3		ug/L		101	73 - 127
Trichloroethene	25.0	24.8		ug/L		99	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		66 - 137
Toluene-d8 (Surr)	108		71 - 126
4-Bromofluorobenzene (Surr)	104		73 - 120

Lab Sample ID: MB 480-140515/8

Matrix: Water

Analysis Batch: 140515

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/22/13 12:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/22/13 12:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/22/13 12:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/22/13 12:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/22/13 12:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/22/13 12:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/22/13 12:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/22/13 12:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/22/13 12:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/22/13 12:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/22/13 12:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/22/13 12:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/22/13 12:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/22/13 12:15	1
2-Hexanone	ND		5.0	1.2	ug/L			09/22/13 12:15	1

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

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

Lab Sample ID: MB 480-140515/8

Matrix: Water

Analysis Batch: 140515

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/13 12:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/22/13 12:15	1
Acetone	ND		10	3.0	ug/L			09/22/13 12:15	1
Benzene	ND		1.0	0.41	ug/L			09/22/13 12:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/22/13 12:15	1
Bromoform	ND		1.0	0.26	ug/L			09/22/13 12:15	1
Bromomethane	ND		1.0	0.69	ug/L			09/22/13 12:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/22/13 12:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/22/13 12:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/22/13 12:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/22/13 12:15	1
Chloroethane	ND		1.0	0.32	ug/L			09/22/13 12:15	1
Chloroform	ND		1.0	0.34	ug/L			09/22/13 12:15	1
Chloromethane	ND		1.0	0.35	ug/L			09/22/13 12:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/22/13 12:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/22/13 12:15	1
Cyclohexane	ND		1.0	0.18	ug/L			09/22/13 12:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/22/13 12:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/22/13 12:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/22/13 12:15	1
Methyl acetate	ND		1.0	0.50	ug/L			09/22/13 12:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/22/13 12:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/22/13 12:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/22/13 12:15	1
Styrene	ND		1.0	0.73	ug/L			09/22/13 12:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/22/13 12:15	1
Toluene	ND		1.0	0.51	ug/L			09/22/13 12:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/22/13 12:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/22/13 12:15	1
Trichloroethene	ND		1.0	0.46	ug/L			09/22/13 12:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/22/13 12:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/22/13 12:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/22/13 12:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		09/22/13 12:15	1
Toluene-d8 (Surr)	112		71 - 126		09/22/13 12:15	1
4-Bromofluorobenzene (Surr)	105		73 - 120		09/22/13 12:15	1

Lab Sample ID: LCS 480-140515/6

Matrix: Water

Analysis Batch: 140515

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.3		ug/L		93	71 - 129
1,1-Dichloroethene	25.0	25.4		ug/L		102	58 - 121
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	23.5		ug/L		94	75 - 127

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

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

Lab Sample ID: LCS 480-140515/6

Matrix: Water

Analysis Batch: 140515

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	24.7		ug/L		99	71 - 124
Chlorobenzene	25.0	26.8		ug/L		107	72 - 120
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	74 - 124
Ethylbenzene	25.0	26.1		ug/L		104	77 - 123
Methyl tert-butyl ether	25.0	24.4		ug/L		98	64 - 127
Tetrachloroethene	25.0	28.4		ug/L		114	74 - 122
Toluene	25.0	26.8		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	25.4		ug/L		101	73 - 127
Trichloroethene	25.0	24.0		ug/L		96	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		66 - 137
Toluene-d8 (Surr)	111		71 - 126
4-Bromofluorobenzene (Surr)	109		73 - 120

Lab Sample ID: MB 480-140556/6

Matrix: Water

Analysis Batch: 140556

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/13 10:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/13 10:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/13 10:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/13 10:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/13 10:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/13 10:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/13 10:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/13 10:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/13 10:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/13 10:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/13 10:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/13 10:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/13 10:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/13 10:42	1
2-Hexanone	ND		5.0	1.2	ug/L			09/23/13 10:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/23/13 10:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/23/13 10:42	1
Acetone	ND		10	3.0	ug/L			09/23/13 10:42	1
Benzene	ND		1.0	0.41	ug/L			09/23/13 10:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/13 10:42	1
Bromoform	ND		1.0	0.26	ug/L			09/23/13 10:42	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/13 10:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/13 10:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/13 10:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/13 10:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/13 10:42	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/13 10:42	1
Chloroform	ND		1.0	0.34	ug/L			09/23/13 10:42	1

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

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

Lab Sample ID: MB 480-140556/6

Matrix: Water

Analysis Batch: 140556

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			09/23/13 10:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/13 10:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/13 10:42	1
Cyclohexane	ND		1.0	0.18	ug/L			09/23/13 10:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/13 10:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/13 10:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/13 10:42	1
Methyl acetate	ND		1.0	0.50	ug/L			09/23/13 10:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/13 10:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/13 10:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/13 10:42	1
Styrene	ND		1.0	0.73	ug/L			09/23/13 10:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/13 10:42	1
Toluene	ND		1.0	0.51	ug/L			09/23/13 10:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/13 10:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/13 10:42	1
Trichloroethene	ND		1.0	0.46	ug/L			09/23/13 10:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/23/13 10:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/13 10:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/13 10:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		09/23/13 10:42	1
Toluene-d8 (Surr)	109		71 - 126		09/23/13 10:42	1
4-Bromofluorobenzene (Surr)	101		73 - 120		09/23/13 10:42	1

Lab Sample ID: LCS 480-140556/5

Matrix: Water

Analysis Batch: 140556

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.0		ug/L		88	71 - 129
1,1-Dichloroethene	25.0	19.4		ug/L		78	58 - 121
1,2-Dichlorobenzene	25.0	26.2		ug/L		105	80 - 124
1,2-Dichloroethane	25.0	23.4		ug/L		94	75 - 127
Benzene	25.0	23.8		ug/L		95	71 - 124
Chlorobenzene	25.0	26.6		ug/L		106	72 - 120
cis-1,2-Dichloroethene	25.0	24.1		ug/L		97	74 - 124
Ethylbenzene	25.0	25.4		ug/L		102	77 - 123
Methyl tert-butyl ether	25.0	22.2		ug/L		89	64 - 127
Tetrachloroethene	25.0	27.8		ug/L		111	74 - 122
Toluene	25.0	26.0		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	73 - 127
Trichloroethene	25.0	24.3		ug/L		97	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		66 - 137

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

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

Lab Sample ID: LCS 480-140556/5

Matrix: Water

Analysis Batch: 140556

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

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	108		71 - 126
4-Bromofluorobenzene (Surr)	104		73 - 120

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

GC/MS VOA

Analysis Batch: 140469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45934-2	EW-7	Total/NA	Water	8260B	
480-45934-3	EW-6	Total/NA	Water	8260B	
480-45934-4	EW-5	Total/NA	Water	8260B	
480-45934-5	EW-4	Total/NA	Water	8260B	
480-45934-6	PF-3	Total/NA	Water	8260B	
480-45934-7	EW-3	Total/NA	Water	8260B	
480-45934-8	PF-2	Total/NA	Water	8260B	
480-45934-9	MWS-4	Total/NA	Water	8260B	
480-45934-10	B-19	Total/NA	Water	8260B	
480-45934-11	P-1	Total/NA	Water	8260B	
480-45934-12	P-2	Total/NA	Water	8260B	
480-45934-16	B-7	Total/NA	Water	8260B	
480-45934-17	P-5	Total/NA	Water	8260B	
480-45934-18	P-6	Total/NA	Water	8260B	
LCS 480-140469/5	Lab Control Sample	Total/NA	Water	8260B	
MB 480-140469/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 140515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45934-13	B-6	Total/NA	Water	8260B	
480-45934-14	P-3	Total/NA	Water	8260B	
480-45934-15	P-4	Total/NA	Water	8260B	
480-45934-17 - DL	P-5	Total/NA	Water	8260B	
480-45934-18 - DL	P-6	Total/NA	Water	8260B	
LCS 480-140515/6	Lab Control Sample	Total/NA	Water	8260B	
MB 480-140515/8	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 140556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45934-15 - DL	P-4	Total/NA	Water	8260B	
LCS 480-140556/5	Lab Control Sample	Total/NA	Water	8260B	
MB 480-140556/6	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: EW-7

Date Collected: 09/16/13 13:15

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	140469	09/21/13 13:24	RAL	TAL BUF

Client Sample ID: EW-6

Date Collected: 09/16/13 13:30

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	140469	09/21/13 13:46	RAL	TAL BUF

Client Sample ID: EW-5

Date Collected: 09/16/13 13:45

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	140469	09/21/13 14:07	RAL	TAL BUF

Client Sample ID: EW-4

Date Collected: 09/16/13 14:00

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	140469	09/21/13 14:29	RAL	TAL BUF

Client Sample ID: PF-3

Date Collected: 09/16/13 14:15

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	140469	09/21/13 14:50	RAL	TAL BUF

Client Sample ID: EW-3

Date Collected: 09/16/13 14:30

Date Received: 09/16/13 17:30

Lab Sample ID: 480-45934-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140469	09/21/13 15:12	RAL	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: PF-2

Lab Sample ID: 480-45934-8

Date Collected: 09/16/13 14:45

Matrix: Water

Date Received: 09/16/13 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140469	09/21/13 15:33	RAL	TAL BUF

Client Sample ID: MWS-4

Lab Sample ID: 480-45934-9

Date Collected: 09/16/13 15:00

Matrix: Water

Date Received: 09/16/13 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140469	09/21/13 15:55	RAL	TAL BUF

Client Sample ID: B-19

Lab Sample ID: 480-45934-10

Date Collected: 09/16/13 15:15

Matrix: Water

Date Received: 09/16/13 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	140469	09/21/13 16:17	RAL	TAL BUF

Client Sample ID: P-1

Lab Sample ID: 480-45934-11

Date Collected: 09/16/13 15:30

Matrix: Water

Date Received: 09/16/13 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	140469	09/21/13 16:38	RAL	TAL BUF

Client Sample ID: P-2

Lab Sample ID: 480-45934-12

Date Collected: 09/16/13 15:35

Matrix: Water

Date Received: 09/16/13 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140469	09/21/13 17:00	RAL	TAL BUF

Client Sample ID: B-6

Lab Sample ID: 480-45934-13

Date Collected: 09/16/13 15:40

Matrix: Water

Date Received: 09/16/13 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140515	09/22/13 13:33	NQN	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Client Sample ID: P-3

Lab Sample ID: 480-45934-14

Date Collected: 09/16/13 15:45

Matrix: Water

Date Received: 09/16/13 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	140515	09/22/13 13:54	NQN	TAL BUF

Client Sample ID: P-4

Lab Sample ID: 480-45934-15

Date Collected: 09/16/13 15:50

Matrix: Water

Date Received: 09/16/13 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140515	09/22/13 14:16	NQN	TAL BUF
Total/NA	Analysis	8260B	DL	2	140556	09/23/13 11:13	RAL	TAL BUF

Client Sample ID: B-7

Lab Sample ID: 480-45934-16

Date Collected: 09/16/13 16:00

Matrix: Water

Date Received: 09/16/13 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140469	09/21/13 18:28	RAL	TAL BUF

Client Sample ID: P-5

Lab Sample ID: 480-45934-17

Date Collected: 09/16/13 16:10

Matrix: Water

Date Received: 09/16/13 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	140469	09/21/13 18:49	RAL	TAL BUF
Total/NA	Analysis	8260B	DL	40	140515	09/22/13 14:38	NQN	TAL BUF

Client Sample ID: P-6

Lab Sample ID: 480-45934-18

Date Collected: 09/16/13 16:20

Matrix: Water

Date Received: 09/16/13 17:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	140469	09/21/13 19:11	RAL	TAL BUF
Total/NA	Analysis	8260B	DL	100	140515	09/22/13 14:59	NQN	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: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	10-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-14

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-45934-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-45934-2	EW-7	Water	09/16/13 13:15	09/16/13 17:30
480-45934-3	EW-6	Water	09/16/13 13:30	09/16/13 17:30
480-45934-4	EW-5	Water	09/16/13 13:45	09/16/13 17:30
480-45934-5	EW-4	Water	09/16/13 14:00	09/16/13 17:30
480-45934-6	PF-3	Water	09/16/13 14:15	09/16/13 17:30
480-45934-7	EW-3	Water	09/16/13 14:30	09/16/13 17:30
480-45934-8	PF-2	Water	09/16/13 14:45	09/16/13 17:30
480-45934-9	MWS-4	Water	09/16/13 15:00	09/16/13 17:30
480-45934-10	B-19	Water	09/16/13 15:15	09/16/13 17:30
480-45934-11	P-1	Water	09/16/13 15:30	09/16/13 17:30
480-45934-12	P-2	Water	09/16/13 15:35	09/16/13 17:30
480-45934-13	B-6	Water	09/16/13 15:40	09/16/13 17:30
480-45934-14	P-3	Water	09/16/13 15:45	09/16/13 17:30
480-45934-15	P-4	Water	09/16/13 15:50	09/16/13 17:30
480-45934-16	B-7	Water	09/16/13 16:00	09/16/13 17:30
480-45934-17	P-5	Water	09/16/13 16:10	09/16/13 17:30
480-45934-18	P-6	Water	09/16/13 16:20	09/16/13 17:30

TestAmerica

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TAL-4124 (1007)

Client: **COMMUNICATE ENV. SERVICES, INC.** Address: **495 AERO DRIVE, SUITE 3** City: **Cheektowatch** State: **NY** Zip Code: **14225**

Project Manager: **Steve Shay** Date: **9/16/13** Chain of Custody Number: **249774**

Telephone Number (Area Code/Fax Number): **800-287-7657/48** Lab Number: **1111** Page: **1** of **2**

Site Contact: **Mike Reilly** Lab Contact: **Sally Hoffman**

Project Name and Location (State): **Exxon (AS) Westwood Plenum** Carrier/Waybill Number: _____

Special Instructions/
Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives				
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH ZnAc
EW-8	9/16/13	1245	X	X							
EW-7		1315	X	X							
EW-6		1330	X	X							
EW-5		1345	X	X							
EW-4		1400	X	X							
PF-3		1415	X	X							
EW-3		1430	X	X							
PF-2		1445	X	X							
MWS-4		1506	X	X							
B-19		1515	X	X							
P-1		1530	X	X							
P-2		1535	X	X							

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

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

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other

1. Relinquished By: **[Signature]** Date: **9/16/13** Time: **1730**

2. Relinquished By: _____ Date: _____ Time: _____

3. Relinquished By: _____ Date: _____ Time: _____

Comments: **#2 4.2**

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

TestAmerica

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☒ No ☐

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: **GROUNDWATER ENV. SERVICES, INC.** Chain of Custody Number: **249775**

Address: **495 Acre Drive, Suite B** Date: **9/16/13**

City: **Chickadee** State: **NY** Zip Code: **14025** Lab Number: **JA-B-111**

Project Name and Location (State): **Chickadee, NY** Analysis (Attach if more space is needed):

Contract/Purchase Order/Quote No.: **484-645-2303** Carrier/Waybill Number: **315-374-7648**

Project Manager: **D. SHAW** - dshaw@agsonline.com Telephone Number (Area Code)/Fax Number: **516-455-0303** Lab Contact: **SALES FLOTTMAN** Page **2** of **2**

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives					Special Instructions/ Conditions of Receipt
			Air	Aqueous	Sed	Soil	Unpres.	H2SO4	HNO3	HCl	
B-6	9/16/13	1540		X							
P-3	9/16/13	1545		X							
P-4	9/16/13	1550		X							
B-7	9/16/13	1600		X							
P-5	9/16/13	1610		X							
P-6	9/16/13	1620		X							

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

1. Relinquished By: **[Signature]** Date: **9/16/13** Time: **1730**

2. Relinquished By: _____ Date: _____ Time: _____

3. Relinquished By: _____ Date: _____ Time: _____

Comments: **#247**

DISTRIBUTION: WHITE - Returned to Client with Report. CANARY - Stays with the Sample. PINK - Field Copy

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-45934-1

Login Number: 45934

List Source: TestAmerica Buffalo

List Number: 1

Creator: Stau, Brandon M

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

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: 480-45962-1

Client Project/Site: Iroquois Gas/Westwood Pharm.

For:

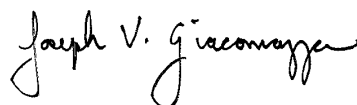
Groundwater & Environmental Services Inc

495 Aero Drive

Suite 3

Cheektowaga, New York 14225

Attn: Steven Leitten



Authorized for release by:

9/25/2013 2:53:03 PM

Joe Giacomazza, Project Administrator

joe.giacomazza@testamericainc.com

Designee for

Sally Hoffman, Project Manager II

sally.hoffman@testamericainc.com

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

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	7
Surrogate Summary	16
QC Sample Results	17
QC Association Summary	24
Lab Chronicle	25
Certification Summary	27
Method Summary	28
Sample Summary	29
Chain of Custody	30
Receipt Checklists	31



Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

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.
F	MS/MSD Recovery and/or RPD exceeds the control limits

Glossary

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

Case Narrative

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Job ID: 480-45962-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-45962-1

Receipt

The samples were received on 9/17/2013 4:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.7° C.

GC/MS VOA

Method(s) 8260B: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: DUP (480-45962-7), EW-8 (480-45962-1), EW-8 (480-45962-1 MS), EW-8 (480-45962-1 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: B-8 (480-45962-3), PF-4 (480-45962-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following compound was outside control limits in the continuing calibration verification (CCV) associated with batch 140719: Bromomethane. This compound is not classified as a Calibration Check Compound (CCC) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for six analytes to be outside limits; therefore, the data have been reported. (CCVIS 480-140719/2)

Method(s) 8260B: The following compound was outside control limits in the continuing calibration verification (CCV) associated with batch 140591: Bromomethane. This compound is not classified as a Calibration Check Compound (CCC) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for six analytes to be outside limits; therefore, the data have been reported.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: MW-F4 (480-45962-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following compound was outside control limits in the continuing calibration verification (CCV) associated with batch 140787: Bromomethane. This compound is not classified as a Calibration Check Compound (CCC) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for six analytes to be outside limits; therefore, the data have been reported.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 140591 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: EW-8

Lab Sample ID: 480-45962-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.1	J	4.0	1.6	ug/L	4		8260B	Total/NA
Ethylbenzene	10		4.0	3.0	ug/L	4		8260B	Total/NA
Xylenes, Total	8.2		8.0	2.6	ug/L	4		8260B	Total/NA

Client Sample ID: PF-4

Lab Sample ID: 480-45962-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2300		40	16	ug/L	40		8260B	Total/NA
Ethylbenzene	2100		40	30	ug/L	40		8260B	Total/NA
Isopropylbenzene	75		40	32	ug/L	40		8260B	Total/NA
Xylenes, Total	960		80	26	ug/L	40		8260B	Total/NA

Client Sample ID: B-8

Lab Sample ID: 480-45962-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	130		2.0	0.82	ug/L	2		8260B	Total/NA
Ethylbenzene	28		2.0	1.5	ug/L	2		8260B	Total/NA
Isopropylbenzene	2.7		2.0	1.6	ug/L	2		8260B	Total/NA
Xylenes, Total	18		4.0	1.3	ug/L	2		8260B	Total/NA

Client Sample ID: MW-F5

Lab Sample ID: 480-45962-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	46		1.0	0.41	ug/L	1		8260B	Total/NA
Ethylbenzene	43		1.0	0.74	ug/L	1		8260B	Total/NA
Isopropylbenzene	6.4		1.0	0.79	ug/L	1		8260B	Total/NA
Methylcyclohexane	0.74	J	1.0	0.16	ug/L	1		8260B	Total/NA
Toluene	4.0		1.0	0.51	ug/L	1		8260B	Total/NA
Xylenes, Total	43		2.0	0.66	ug/L	1		8260B	Total/NA

Client Sample ID: MWS-3

Lab Sample ID: 480-45962-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	34		10	3.0	ug/L	1		8260B	Total/NA
Ethylbenzene	0.78	J	1.0	0.74	ug/L	1		8260B	Total/NA

Client Sample ID: MW-F4

Lab Sample ID: 480-45962-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	24		20	6.0	ug/L	2		8260B	Total/NA
Benzene	82		2.0	0.82	ug/L	2		8260B	Total/NA
Ethylbenzene	110		2.0	1.5	ug/L	2		8260B	Total/NA
Isopropylbenzene	17		2.0	1.6	ug/L	2		8260B	Total/NA
Toluene	2.1		2.0	1.0	ug/L	2		8260B	Total/NA
Xylenes, Total	87		4.0	1.3	ug/L	2		8260B	Total/NA

Client Sample ID: DUP

Lab Sample ID: 480-45962-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.1	J	4.0	1.6	ug/L	4		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: DUP (Continued)

Lab Sample ID: 480-45962-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	11		4.0	3.0	ug/L	4		8260B	Total/NA
Xylenes, Total	8.9		8.0	2.6	ug/L	4		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: EW-8

Date Collected: 09/17/13 14:15

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			09/23/13 17:05	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			09/23/13 17:05	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			09/23/13 17:05	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			09/23/13 17:05	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			09/23/13 17:05	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			09/23/13 17:05	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			09/23/13 17:05	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			09/23/13 17:05	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			09/23/13 17:05	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			09/23/13 17:05	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			09/23/13 17:05	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			09/23/13 17:05	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			09/23/13 17:05	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			09/23/13 17:05	4
2-Hexanone	ND		20	5.0	ug/L			09/23/13 17:05	4
2-Butanone (MEK)	ND		40	5.3	ug/L			09/23/13 17:05	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			09/23/13 17:05	4
Acetone	ND		40	12	ug/L			09/23/13 17:05	4
Benzene	2.1	J	4.0	1.6	ug/L			09/23/13 17:05	4
Bromodichloromethane	ND		4.0	1.6	ug/L			09/23/13 17:05	4
Bromoform	ND		4.0	1.0	ug/L			09/23/13 17:05	4
Bromomethane	ND		4.0	2.8	ug/L			09/23/13 17:05	4
Carbon disulfide	ND		4.0	0.76	ug/L			09/23/13 17:05	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			09/23/13 17:05	4
Chlorobenzene	ND		4.0	3.0	ug/L			09/23/13 17:05	4
Dibromochloromethane	ND		4.0	1.3	ug/L			09/23/13 17:05	4
Chloroethane	ND		4.0	1.3	ug/L			09/23/13 17:05	4
Chloroform	ND		4.0	1.4	ug/L			09/23/13 17:05	4
Chloromethane	ND		4.0	1.4	ug/L			09/23/13 17:05	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			09/23/13 17:05	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			09/23/13 17:05	4
Cyclohexane	ND		4.0	0.72	ug/L			09/23/13 17:05	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			09/23/13 17:05	4
Ethylbenzene	10		4.0	3.0	ug/L			09/23/13 17:05	4
Isopropylbenzene	ND		4.0	3.2	ug/L			09/23/13 17:05	4
Methyl acetate	ND		4.0	2.0	ug/L			09/23/13 17:05	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			09/23/13 17:05	4
Methylcyclohexane	ND		4.0	0.64	ug/L			09/23/13 17:05	4
Methylene Chloride	ND		4.0	1.8	ug/L			09/23/13 17:05	4
Styrene	ND		4.0	2.9	ug/L			09/23/13 17:05	4
Tetrachloroethene	ND		4.0	1.4	ug/L			09/23/13 17:05	4
Toluene	ND		4.0	2.0	ug/L			09/23/13 17:05	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			09/23/13 17:05	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			09/23/13 17:05	4
Trichloroethene	ND		4.0	1.8	ug/L			09/23/13 17:05	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			09/23/13 17:05	4
Vinyl chloride	ND		4.0	3.6	ug/L			09/23/13 17:05	4
Xylenes, Total	8.2		8.0	2.6	ug/L			09/23/13 17:05	4

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: EW-8

Date Collected: 09/17/13 14:15

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		66 - 137		09/23/13 17:05	4
Toluene-d8 (Surr)	91		71 - 126		09/23/13 17:05	4
4-Bromofluorobenzene (Surr)	84		73 - 120		09/23/13 17:05	4

Client Sample ID: PF-4

Date Collected: 09/17/13 14:30

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	33	ug/L			09/24/13 00:01	40
1,1,2,2-Tetrachloroethane	ND		40	8.4	ug/L			09/24/13 00:01	40
1,1,2-Trichloroethane	ND		40	9.2	ug/L			09/24/13 00:01	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	12	ug/L			09/24/13 00:01	40
1,1-Dichloroethane	ND		40	15	ug/L			09/24/13 00:01	40
1,1-Dichloroethene	ND		40	12	ug/L			09/24/13 00:01	40
1,2,4-Trichlorobenzene	ND		40	16	ug/L			09/24/13 00:01	40
1,2-Dibromo-3-Chloropropane	ND		40	16	ug/L			09/24/13 00:01	40
1,2-Dibromoethane	ND		40	29	ug/L			09/24/13 00:01	40
1,2-Dichlorobenzene	ND		40	32	ug/L			09/24/13 00:01	40
1,2-Dichloroethane	ND		40	8.4	ug/L			09/24/13 00:01	40
1,2-Dichloropropane	ND		40	29	ug/L			09/24/13 00:01	40
1,3-Dichlorobenzene	ND		40	31	ug/L			09/24/13 00:01	40
1,4-Dichlorobenzene	ND		40	34	ug/L			09/24/13 00:01	40
2-Hexanone	ND		200	50	ug/L			09/24/13 00:01	40
2-Butanone (MEK)	ND		400	53	ug/L			09/24/13 00:01	40
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L			09/24/13 00:01	40
Acetone	ND		400	120	ug/L			09/24/13 00:01	40
Benzene	2300		40	16	ug/L			09/24/13 00:01	40
Bromodichloromethane	ND		40	16	ug/L			09/24/13 00:01	40
Bromoform	ND		40	10	ug/L			09/24/13 00:01	40
Bromomethane	ND		40	28	ug/L			09/24/13 00:01	40
Carbon disulfide	ND		40	7.6	ug/L			09/24/13 00:01	40
Carbon tetrachloride	ND		40	11	ug/L			09/24/13 00:01	40
Chlorobenzene	ND		40	30	ug/L			09/24/13 00:01	40
Dibromochloromethane	ND		40	13	ug/L			09/24/13 00:01	40
Chloroethane	ND		40	13	ug/L			09/24/13 00:01	40
Chloroform	ND		40	14	ug/L			09/24/13 00:01	40
Chloromethane	ND		40	14	ug/L			09/24/13 00:01	40
cis-1,2-Dichloroethene	ND		40	32	ug/L			09/24/13 00:01	40
cis-1,3-Dichloropropene	ND		40	14	ug/L			09/24/13 00:01	40
Cyclohexane	ND		40	7.2	ug/L			09/24/13 00:01	40
Dichlorodifluoromethane	ND		40	27	ug/L			09/24/13 00:01	40
Ethylbenzene	2100		40	30	ug/L			09/24/13 00:01	40
Isopropylbenzene	75		40	32	ug/L			09/24/13 00:01	40
Methyl acetate	ND		40	20	ug/L			09/24/13 00:01	40
Methyl tert-butyl ether	ND		40	6.4	ug/L			09/24/13 00:01	40
Methylcyclohexane	ND		40	6.4	ug/L			09/24/13 00:01	40
Methylene Chloride	ND		40	18	ug/L			09/24/13 00:01	40
Styrene	ND		40	29	ug/L			09/24/13 00:01	40

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: PF-4

Lab Sample ID: 480-45962-2

Date Collected: 09/17/13 14:30

Matrix: Water

Date Received: 09/17/13 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		40	14	ug/L			09/24/13 00:01	40
Toluene	ND		40	20	ug/L			09/24/13 00:01	40
trans-1,2-Dichloroethene	ND		40	36	ug/L			09/24/13 00:01	40
trans-1,3-Dichloropropene	ND		40	15	ug/L			09/24/13 00:01	40
Trichloroethene	ND		40	18	ug/L			09/24/13 00:01	40
Trichlorofluoromethane	ND		40	35	ug/L			09/24/13 00:01	40
Vinyl chloride	ND		40	36	ug/L			09/24/13 00:01	40
Xylenes, Total	960		80	26	ug/L			09/24/13 00:01	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137					09/24/13 00:01	40
Toluene-d8 (Surr)	96		71 - 126					09/24/13 00:01	40
4-Bromofluorobenzene (Surr)	94		73 - 120					09/24/13 00:01	40

Client Sample ID: B-8

Lab Sample ID: 480-45962-3

Date Collected: 09/17/13 14:45

Matrix: Water

Date Received: 09/17/13 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/24/13 00:26	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/24/13 00:26	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/24/13 00:26	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/24/13 00:26	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/24/13 00:26	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/24/13 00:26	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/24/13 00:26	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/24/13 00:26	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/24/13 00:26	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/24/13 00:26	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/24/13 00:26	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/24/13 00:26	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/24/13 00:26	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/24/13 00:26	2
2-Hexanone	ND		10	2.5	ug/L			09/24/13 00:26	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/24/13 00:26	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/24/13 00:26	2
Acetone	ND		20	6.0	ug/L			09/24/13 00:26	2
Benzene	130		2.0	0.82	ug/L			09/24/13 00:26	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/24/13 00:26	2
Bromoform	ND		2.0	0.52	ug/L			09/24/13 00:26	2
Bromomethane	ND		2.0	1.4	ug/L			09/24/13 00:26	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/24/13 00:26	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/24/13 00:26	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/24/13 00:26	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/24/13 00:26	2
Chloroethane	ND		2.0	0.64	ug/L			09/24/13 00:26	2
Chloroform	ND		2.0	0.68	ug/L			09/24/13 00:26	2
Chloromethane	ND		2.0	0.70	ug/L			09/24/13 00:26	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/24/13 00:26	2

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: B-8

Lab Sample ID: 480-45962-3

Date Collected: 09/17/13 14:45

Matrix: Water

Date Received: 09/17/13 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/24/13 00:26	2
Cyclohexane	ND		2.0	0.36	ug/L			09/24/13 00:26	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/24/13 00:26	2
Ethylbenzene	28		2.0	1.5	ug/L			09/24/13 00:26	2
Isopropylbenzene	2.7		2.0	1.6	ug/L			09/24/13 00:26	2
Methyl acetate	ND		2.0	1.0	ug/L			09/24/13 00:26	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/24/13 00:26	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/24/13 00:26	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/24/13 00:26	2
Styrene	ND		2.0	1.5	ug/L			09/24/13 00:26	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/24/13 00:26	2
Toluene	ND		2.0	1.0	ug/L			09/24/13 00:26	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/24/13 00:26	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/24/13 00:26	2
Trichloroethene	ND		2.0	0.92	ug/L			09/24/13 00:26	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/24/13 00:26	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/24/13 00:26	2
Xylenes, Total	18		4.0	1.3	ug/L			09/24/13 00:26	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		66 - 137					09/24/13 00:26	2
Toluene-d8 (Surr)	92		71 - 126					09/24/13 00:26	2
4-Bromofluorobenzene (Surr)	89		73 - 120					09/24/13 00:26	2

Client Sample ID: MW-F5

Lab Sample ID: 480-45962-4

Date Collected: 09/17/13 15:00

Matrix: Water

Date Received: 09/17/13 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/24/13 00:50	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/24/13 00:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/24/13 00:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/24/13 00:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/24/13 00:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/24/13 00:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/24/13 00:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/24/13 00:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/24/13 00:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/24/13 00:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/13 00:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/24/13 00:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/24/13 00:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/24/13 00:50	1
2-Hexanone	ND		5.0	1.2	ug/L			09/24/13 00:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/24/13 00:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/24/13 00:50	1
Acetone	ND		10	3.0	ug/L			09/24/13 00:50	1
Benzene	46		1.0	0.41	ug/L			09/24/13 00:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/24/13 00:50	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: MW-F5

Date Collected: 09/17/13 15:00

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.26	ug/L			09/24/13 00:50	1
Bromomethane	ND		1.0	0.69	ug/L			09/24/13 00:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/24/13 00:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/24/13 00:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/24/13 00:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/24/13 00:50	1
Chloroethane	ND		1.0	0.32	ug/L			09/24/13 00:50	1
Chloroform	ND		1.0	0.34	ug/L			09/24/13 00:50	1
Chloromethane	ND		1.0	0.35	ug/L			09/24/13 00:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/24/13 00:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/24/13 00:50	1
Cyclohexane	ND		1.0	0.18	ug/L			09/24/13 00:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/24/13 00:50	1
Ethylbenzene	43		1.0	0.74	ug/L			09/24/13 00:50	1
Isopropylbenzene	6.4		1.0	0.79	ug/L			09/24/13 00:50	1
Methyl acetate	ND		1.0	0.50	ug/L			09/24/13 00:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/24/13 00:50	1
Methylcyclohexane	0.74 J		1.0	0.16	ug/L			09/24/13 00:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/24/13 00:50	1
Styrene	ND		1.0	0.73	ug/L			09/24/13 00:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/24/13 00:50	1
Toluene	4.0		1.0	0.51	ug/L			09/24/13 00:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/24/13 00:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/24/13 00:50	1
Trichloroethene	ND		1.0	0.46	ug/L			09/24/13 00:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/24/13 00:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/24/13 00:50	1
Xylenes, Total	43		2.0	0.66	ug/L			09/24/13 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		66 - 137					09/24/13 00:50	1
Toluene-d8 (Surr)	93		71 - 126					09/24/13 00:50	1
4-Bromofluorobenzene (Surr)	91		73 - 120					09/24/13 00:50	1

Client Sample ID: MWS-3

Date Collected: 09/17/13 15:20

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/13 19:33	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/13 19:33	1
1,1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/13 19:33	1
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/13 19:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/13 19:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/13 19:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/13 19:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/13 19:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/13 19:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/13 19:33	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: MWS-3

Lab Sample ID: 480-45962-5

Date Collected: 09/17/13 15:20

Matrix: Water

Date Received: 09/17/13 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/13 19:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/13 19:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/13 19:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/13 19:33	1
2-Hexanone	ND		5.0	1.2	ug/L			09/23/13 19:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/23/13 19:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/23/13 19:33	1
Acetone	34		10	3.0	ug/L			09/23/13 19:33	1
Benzene	ND		1.0	0.41	ug/L			09/23/13 19:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/13 19:33	1
Bromoform	ND		1.0	0.26	ug/L			09/23/13 19:33	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/13 19:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/13 19:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/13 19:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/13 19:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/13 19:33	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/13 19:33	1
Chloroform	ND		1.0	0.34	ug/L			09/23/13 19:33	1
Chloromethane	ND		1.0	0.35	ug/L			09/23/13 19:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/13 19:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/13 19:33	1
Cyclohexane	ND		1.0	0.18	ug/L			09/23/13 19:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/13 19:33	1
Ethylbenzene	0.78 J		1.0	0.74	ug/L			09/23/13 19:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/13 19:33	1
Methyl acetate	ND		1.0	0.50	ug/L			09/23/13 19:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/13 19:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/13 19:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/13 19:33	1
Styrene	ND		1.0	0.73	ug/L			09/23/13 19:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/13 19:33	1
Toluene	ND		1.0	0.51	ug/L			09/23/13 19:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/13 19:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/13 19:33	1
Trichloroethene	ND		1.0	0.46	ug/L			09/23/13 19:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/23/13 19:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/13 19:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/13 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		66 - 137		09/23/13 19:33	1
Toluene-d8 (Surr)	97		71 - 126		09/23/13 19:33	1
4-Bromofluorobenzene (Surr)	89		73 - 120		09/23/13 19:33	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: MW-F4

Lab Sample ID: 480-45962-6

Date Collected: 09/17/13 15:30

Matrix: Water

Date Received: 09/17/13 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/24/13 11:30	2
1,1,1,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/24/13 11:30	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/24/13 11:30	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/24/13 11:30	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/24/13 11:30	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/24/13 11:30	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/24/13 11:30	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/24/13 11:30	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/24/13 11:30	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/24/13 11:30	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/24/13 11:30	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/24/13 11:30	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/24/13 11:30	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/24/13 11:30	2
2-Hexanone	ND		10	2.5	ug/L			09/24/13 11:30	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/24/13 11:30	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/24/13 11:30	2
Acetone	24		20	6.0	ug/L			09/24/13 11:30	2
Benzene	82		2.0	0.82	ug/L			09/24/13 11:30	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/24/13 11:30	2
Bromoform	ND		2.0	0.52	ug/L			09/24/13 11:30	2
Bromomethane	ND		2.0	1.4	ug/L			09/24/13 11:30	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/24/13 11:30	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/24/13 11:30	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/24/13 11:30	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/24/13 11:30	2
Chloroethane	ND		2.0	0.64	ug/L			09/24/13 11:30	2
Chloroform	ND		2.0	0.68	ug/L			09/24/13 11:30	2
Chloromethane	ND		2.0	0.70	ug/L			09/24/13 11:30	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/24/13 11:30	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/24/13 11:30	2
Cyclohexane	ND		2.0	0.36	ug/L			09/24/13 11:30	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/24/13 11:30	2
Ethylbenzene	110		2.0	1.5	ug/L			09/24/13 11:30	2
Isopropylbenzene	17		2.0	1.6	ug/L			09/24/13 11:30	2
Methyl acetate	ND		2.0	1.0	ug/L			09/24/13 11:30	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/24/13 11:30	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/24/13 11:30	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/24/13 11:30	2
Styrene	ND		2.0	1.5	ug/L			09/24/13 11:30	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/24/13 11:30	2
Toluene	2.1		2.0	1.0	ug/L			09/24/13 11:30	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/24/13 11:30	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/24/13 11:30	2
Trichloroethene	ND		2.0	0.92	ug/L			09/24/13 11:30	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/24/13 11:30	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/24/13 11:30	2
Xylenes, Total	87		4.0	1.3	ug/L			09/24/13 11:30	2

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: MW-F4

Date Collected: 09/17/13 15:30

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-6

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		66 - 137		09/24/13 11:30	2
Toluene-d8 (Surr)	96		71 - 126		09/24/13 11:30	2
4-Bromofluorobenzene (Surr)	95		73 - 120		09/24/13 11:30	2

Client Sample ID: DUP

Date Collected: 09/17/13 00:00

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			09/23/13 20:23	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			09/23/13 20:23	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			09/23/13 20:23	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			09/23/13 20:23	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			09/23/13 20:23	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			09/23/13 20:23	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			09/23/13 20:23	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			09/23/13 20:23	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			09/23/13 20:23	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			09/23/13 20:23	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			09/23/13 20:23	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			09/23/13 20:23	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			09/23/13 20:23	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			09/23/13 20:23	4
2-Hexanone	ND		20	5.0	ug/L			09/23/13 20:23	4
2-Butanone (MEK)	ND		40	5.3	ug/L			09/23/13 20:23	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			09/23/13 20:23	4
Acetone	ND		40	12	ug/L			09/23/13 20:23	4
Benzene	2.1	J	4.0	1.6	ug/L			09/23/13 20:23	4
Bromodichloromethane	ND		4.0	1.6	ug/L			09/23/13 20:23	4
Bromoform	ND		4.0	1.0	ug/L			09/23/13 20:23	4
Bromomethane	ND		4.0	2.8	ug/L			09/23/13 20:23	4
Carbon disulfide	ND		4.0	0.76	ug/L			09/23/13 20:23	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			09/23/13 20:23	4
Chlorobenzene	ND		4.0	3.0	ug/L			09/23/13 20:23	4
Dibromochloromethane	ND		4.0	1.3	ug/L			09/23/13 20:23	4
Chloroethane	ND		4.0	1.3	ug/L			09/23/13 20:23	4
Chloroform	ND		4.0	1.4	ug/L			09/23/13 20:23	4
Chloromethane	ND		4.0	1.4	ug/L			09/23/13 20:23	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			09/23/13 20:23	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			09/23/13 20:23	4
Cyclohexane	ND		4.0	0.72	ug/L			09/23/13 20:23	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			09/23/13 20:23	4
Ethylbenzene	11		4.0	3.0	ug/L			09/23/13 20:23	4
Isopropylbenzene	ND		4.0	3.2	ug/L			09/23/13 20:23	4
Methyl acetate	ND		4.0	2.0	ug/L			09/23/13 20:23	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			09/23/13 20:23	4
Methylcyclohexane	ND		4.0	0.64	ug/L			09/23/13 20:23	4
Methylene Chloride	ND		4.0	1.8	ug/L			09/23/13 20:23	4
Styrene	ND		4.0	2.9	ug/L			09/23/13 20:23	4

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: DUP

Lab Sample ID: 480-45962-7

Date Collected: 09/17/13 00:00

Matrix: Water

Date Received: 09/17/13 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		4.0	1.4	ug/L			09/23/13 20:23	4
Toluene	ND		4.0	2.0	ug/L			09/23/13 20:23	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			09/23/13 20:23	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			09/23/13 20:23	4
Trichloroethene	ND		4.0	1.8	ug/L			09/23/13 20:23	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			09/23/13 20:23	4
Vinyl chloride	ND		4.0	3.6	ug/L			09/23/13 20:23	4
Xylenes, Total	8.9		8.0	2.6	ug/L			09/23/13 20:23	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		09/23/13 20:23	4
Toluene-d8 (Surr)	92		71 - 126		09/23/13 20:23	4
4-Bromofluorobenzene (Surr)	86		73 - 120		09/23/13 20:23	4

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-45962-1	EW-8	113	91	84
480-45962-1 MS	EW-8	108	91	86
480-45962-1 MSD	EW-8	103	91	87
480-45962-2	PF-4	105	96	94
480-45962-3	B-8	95	92	89
480-45962-4	MW-F5	95	93	91
480-45962-5	MWS-3	111	97	89
480-45962-6	MW-F4	114	96	95
480-45962-7	DUP	102	92	86
LCS 480-140591/4	Lab Control Sample	102	97	93
LCS 480-140719/4	Lab Control Sample	97	92	89
LCS 480-140787/4	Lab Control Sample	109	94	92
MB 480-140591/5	Method Blank	104	97	90
MB 480-140719/5	Method Blank	100	93	87
MB 480-140787/5	Method Blank	112	95	87

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

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

Lab Sample ID: MB 480-140591/5

Matrix: Water

Analysis Batch: 140591

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/13 11:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/13 11:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/13 11:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/13 11:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/13 11:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/13 11:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/13 11:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/13 11:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/13 11:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/13 11:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/13 11:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/13 11:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/13 11:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/13 11:55	1
2-Hexanone	ND		5.0	1.2	ug/L			09/23/13 11:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/23/13 11:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/23/13 11:55	1
Acetone	ND		10	3.0	ug/L			09/23/13 11:55	1
Benzene	ND		1.0	0.41	ug/L			09/23/13 11:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/13 11:55	1
Bromoform	ND		1.0	0.26	ug/L			09/23/13 11:55	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/13 11:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/13 11:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/13 11:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/13 11:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/13 11:55	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/13 11:55	1
Chloroform	ND		1.0	0.34	ug/L			09/23/13 11:55	1
Chloromethane	ND		1.0	0.35	ug/L			09/23/13 11:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/13 11:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/13 11:55	1
Cyclohexane	ND		1.0	0.18	ug/L			09/23/13 11:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/13 11:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/13 11:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/13 11:55	1
Methyl acetate	ND		1.0	0.50	ug/L			09/23/13 11:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/13 11:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/13 11:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/13 11:55	1
Styrene	ND		1.0	0.73	ug/L			09/23/13 11:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/13 11:55	1
Toluene	ND		1.0	0.51	ug/L			09/23/13 11:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/13 11:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/13 11:55	1
Trichloroethene	ND		1.0	0.46	ug/L			09/23/13 11:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/23/13 11:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/13 11:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/13 11:55	1

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

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

Lab Sample ID: MB 480-140591/5

Matrix: Water

Analysis Batch: 140591

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		09/23/13 11:55	1
Toluene-d8 (Surr)	97		71 - 126		09/23/13 11:55	1
4-Bromofluorobenzene (Surr)	90		73 - 120		09/23/13 11:55	1

Lab Sample ID: LCS 480-140591/4

Matrix: Water

Analysis Batch: 140591

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	26.8		ug/L		107	71 - 129
1,1-Dichloroethene	25.0	21.9		ug/L		88	58 - 121
1,2-Dichlorobenzene	25.0	27.8		ug/L		111	80 - 124
1,2-Dichloroethane	25.0	28.4		ug/L		114	75 - 127
Benzene	25.0	26.8		ug/L		107	71 - 124
Chlorobenzene	25.0	27.7		ug/L		111	72 - 120
cis-1,2-Dichloroethene	25.0	26.7		ug/L		107	74 - 124
Ethylbenzene	25.0	28.0		ug/L		112	77 - 123
Methyl tert-butyl ether	25.0	25.1		ug/L		100	64 - 127
Tetrachloroethene	25.0	27.4		ug/L		109	74 - 122
Toluene	25.0	27.8		ug/L		111	80 - 122
trans-1,2-Dichloroethene	25.0	27.7		ug/L		111	73 - 127
Trichloroethene	25.0	26.6		ug/L		106	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		66 - 137
Toluene-d8 (Surr)	97		71 - 126
4-Bromofluorobenzene (Surr)	93		73 - 120

Lab Sample ID: 480-45962-1 MS

Matrix: Water

Analysis Batch: 140591

Client Sample ID: EW-8

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		100	125		ug/L		125	71 - 129
1,1-Dichloroethene	ND		100	103		ug/L		103	58 - 121
1,2-Dichlorobenzene	ND		100	124		ug/L		124	80 - 124
1,2-Dichloroethane	ND		100	139	F	ug/L		139	75 - 127
Benzene	2.1	J	100	124		ug/L		122	71 - 124
Chlorobenzene	ND		100	121	F	ug/L		121	72 - 120
cis-1,2-Dichloroethene	ND		100	119		ug/L		119	74 - 124
Ethylbenzene	10		100	139	F	ug/L		129	77 - 123
Methyl tert-butyl ether	ND		100	110		ug/L		110	64 - 127
Tetrachloroethene	ND		100	120		ug/L		120	74 - 122
Toluene	ND		100	123	F	ug/L		123	80 - 122
trans-1,2-Dichloroethene	ND		100	131	F	ug/L		131	73 - 127
Trichloroethene	ND		100	126	F	ug/L		126	74 - 123

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

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

Lab Sample ID: 480-45962-1 MS

Matrix: Water

Analysis Batch: 140591

Client Sample ID: EW-8

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		66 - 137
Toluene-d8 (Surr)	91		71 - 126
4-Bromofluorobenzene (Surr)	86		73 - 120

Lab Sample ID: 480-45962-1 MSD

Matrix: Water

Analysis Batch: 140591

Client Sample ID: EW-8

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		100	120		ug/L		120	71 - 129	5	20
1,1-Dichloroethene	ND		100	100		ug/L		100	58 - 121	3	16
1,2-Dichlorobenzene	ND		100	121		ug/L		121	80 - 124	2	20
1,2-Dichloroethane	ND		100	132	F	ug/L		132	75 - 127	6	20
Benzene	2.1	J	100	121		ug/L		119	71 - 124	3	13
Chlorobenzene	ND		100	121	F	ug/L		121	72 - 120	0	25
cis-1,2-Dichloroethene	ND		100	114		ug/L		114	74 - 124	4	15
Ethylbenzene	10		100	137	F	ug/L		127	77 - 123	1	15
Methyl tert-butyl ether	ND		100	106		ug/L		106	64 - 127	3	37
Tetrachloroethene	ND		100	121		ug/L		121	74 - 122	1	20
Toluene	ND		100	122		ug/L		122	80 - 122	1	15
trans-1,2-Dichloroethene	ND		100	124		ug/L		124	73 - 127	5	20
Trichloroethene	ND		100	121		ug/L		121	74 - 123	4	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		66 - 137
Toluene-d8 (Surr)	91		71 - 126
4-Bromofluorobenzene (Surr)	87		73 - 120

Lab Sample ID: MB 480-140719/5

Matrix: Water

Analysis Batch: 140719

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/13 22:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/13 22:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/13 22:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/13 22:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/13 22:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/13 22:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/13 22:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/13 22:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/13 22:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/13 22:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/13 22:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/13 22:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/13 22:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/13 22:42	1
2-Hexanone	ND		5.0	1.2	ug/L			09/23/13 22:42	1

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

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

Lab Sample ID: MB 480-140719/5

Matrix: Water

Analysis Batch: 140719

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		10	1.3	ug/L			09/23/13 22:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/23/13 22:42	1
Acetone	ND		10	3.0	ug/L			09/23/13 22:42	1
Benzene	ND		1.0	0.41	ug/L			09/23/13 22:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/13 22:42	1
Bromoform	ND		1.0	0.26	ug/L			09/23/13 22:42	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/13 22:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/13 22:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/13 22:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/13 22:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/13 22:42	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/13 22:42	1
Chloroform	ND		1.0	0.34	ug/L			09/23/13 22:42	1
Chloromethane	ND		1.0	0.35	ug/L			09/23/13 22:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/13 22:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/13 22:42	1
Cyclohexane	ND		1.0	0.18	ug/L			09/23/13 22:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/13 22:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/13 22:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/13 22:42	1
Methyl acetate	ND		1.0	0.50	ug/L			09/23/13 22:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/13 22:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/13 22:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/13 22:42	1
Styrene	ND		1.0	0.73	ug/L			09/23/13 22:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/13 22:42	1
Toluene	ND		1.0	0.51	ug/L			09/23/13 22:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/13 22:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/13 22:42	1
Trichloroethene	ND		1.0	0.46	ug/L			09/23/13 22:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/23/13 22:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/13 22:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/13 22:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		09/23/13 22:42	1
Toluene-d8 (Surr)	93		71 - 126		09/23/13 22:42	1
4-Bromofluorobenzene (Surr)	87		73 - 120		09/23/13 22:42	1

Lab Sample ID: LCS 480-140719/4

Matrix: Water

Analysis Batch: 140719

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	27.4		ug/L		109	71 - 129
1,1-Dichloroethene	25.0	22.6		ug/L		90	58 - 121
1,2-Dichlorobenzene	25.0	28.3		ug/L		113	80 - 124
1,2-Dichloroethane	25.0	28.9		ug/L		115	75 - 127

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

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

Lab Sample ID: LCS 480-140719/4

Matrix: Water

Analysis Batch: 140719

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	27.4		ug/L		110	71 - 124
Chlorobenzene	25.0	28.1		ug/L		112	72 - 120
cis-1,2-Dichloroethene	25.0	27.2		ug/L		109	74 - 124
Ethylbenzene	25.0	28.5		ug/L		114	77 - 123
Methyl tert-butyl ether	25.0	24.9		ug/L		100	64 - 127
Tetrachloroethene	25.0	28.3		ug/L		113	74 - 122
Toluene	25.0	28.1		ug/L		113	80 - 122
trans-1,2-Dichloroethene	25.0	28.9		ug/L		115	73 - 127
Trichloroethene	25.0	27.4		ug/L		109	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
Toluene-d8 (Surr)	92		71 - 126
4-Bromofluorobenzene (Surr)	89		73 - 120

Lab Sample ID: MB 480-140787/5

Matrix: Water

Analysis Batch: 140787

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/24/13 10:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/24/13 10:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/24/13 10:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/24/13 10:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/24/13 10:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/24/13 10:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/24/13 10:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/24/13 10:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/24/13 10:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/24/13 10:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/13 10:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/24/13 10:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/24/13 10:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/24/13 10:50	1
2-Hexanone	ND		5.0	1.2	ug/L			09/24/13 10:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/24/13 10:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/24/13 10:50	1
Acetone	ND		10	3.0	ug/L			09/24/13 10:50	1
Benzene	ND		1.0	0.41	ug/L			09/24/13 10:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/24/13 10:50	1
Bromoform	ND		1.0	0.26	ug/L			09/24/13 10:50	1
Bromomethane	ND		1.0	0.69	ug/L			09/24/13 10:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/24/13 10:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/24/13 10:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/24/13 10:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/24/13 10:50	1
Chloroethane	ND		1.0	0.32	ug/L			09/24/13 10:50	1
Chloroform	ND		1.0	0.34	ug/L			09/24/13 10:50	1

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

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

Lab Sample ID: MB 480-140787/5

Matrix: Water

Analysis Batch: 140787

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			09/24/13 10:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/24/13 10:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/24/13 10:50	1
Cyclohexane	ND		1.0	0.18	ug/L			09/24/13 10:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/24/13 10:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/24/13 10:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/24/13 10:50	1
Methyl acetate	ND		1.0	0.50	ug/L			09/24/13 10:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/24/13 10:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/24/13 10:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/24/13 10:50	1
Styrene	ND		1.0	0.73	ug/L			09/24/13 10:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/24/13 10:50	1
Toluene	ND		1.0	0.51	ug/L			09/24/13 10:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/24/13 10:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/24/13 10:50	1
Trichloroethene	ND		1.0	0.46	ug/L			09/24/13 10:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/24/13 10:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/24/13 10:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/24/13 10:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		66 - 137		09/24/13 10:50	1
Toluene-d8 (Surr)	95		71 - 126		09/24/13 10:50	1
4-Bromofluorobenzene (Surr)	87		73 - 120		09/24/13 10:50	1

Lab Sample ID: LCS 480-140787/4

Matrix: Water

Analysis Batch: 140787

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	27.0		ug/L		108	71 - 129
1,1-Dichloroethene	25.0	21.6		ug/L		86	58 - 121
1,2-Dichlorobenzene	25.0	27.4		ug/L		109	80 - 124
1,2-Dichloroethane	25.0	31.0		ug/L		124	75 - 127
Benzene	25.0	26.3		ug/L		105	71 - 124
Chlorobenzene	25.0	27.1		ug/L		108	72 - 120
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	74 - 124
Ethylbenzene	25.0	27.6		ug/L		110	77 - 123
Methyl tert-butyl ether	25.0	25.4		ug/L		102	64 - 127
Tetrachloroethene	25.0	26.0		ug/L		104	74 - 122
Toluene	25.0	26.8		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	27.7		ug/L		111	73 - 127
Trichloroethene	25.0	26.7		ug/L		107	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	109		66 - 137

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

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

Lab Sample ID: LCS 480-140787/4

Matrix: Water

Analysis Batch: 140787

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	94		71 - 126
4-Bromofluorobenzene (Surr)	92		73 - 120

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

GC/MS VOA

Analysis Batch: 140591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45962-1	EW-8	Total/NA	Water	8260B	
480-45962-1 MS	EW-8	Total/NA	Water	8260B	
480-45962-1 MSD	EW-8	Total/NA	Water	8260B	
480-45962-5	MWS-3	Total/NA	Water	8260B	
480-45962-7	DUP	Total/NA	Water	8260B	
LCS 480-140591/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-140591/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 140719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45962-2	PF-4	Total/NA	Water	8260B	
480-45962-3	B-8	Total/NA	Water	8260B	
480-45962-4	MW-F5	Total/NA	Water	8260B	
LCS 480-140719/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-140719/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 140787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45962-6	MW-F4	Total/NA	Water	8260B	
LCS 480-140787/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-140787/5	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: EW-8

Date Collected: 09/17/13 14:15

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	140591	09/23/13 17:05	NMD1	TAL BUF

Client Sample ID: PF-4

Date Collected: 09/17/13 14:30

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		40	140719	09/24/13 00:01	PJQ	TAL BUF

Client Sample ID: B-8

Date Collected: 09/17/13 14:45

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	140719	09/24/13 00:26	PJQ	TAL BUF

Client Sample ID: MW-F5

Date Collected: 09/17/13 15:00

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140719	09/24/13 00:50	PJQ	TAL BUF

Client Sample ID: MWS-3

Date Collected: 09/17/13 15:20

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140591	09/23/13 19:33	NMD1	TAL BUF

Client Sample ID: MW-F4

Date Collected: 09/17/13 15:30

Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	140787	09/24/13 11:30	CDC	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Client Sample ID: DUP
Date Collected: 09/17/13 00:00
Date Received: 09/17/13 16:20

Lab Sample ID: 480-45962-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	140591	09/23/13 20:23	NMD1	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: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	10-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-14

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm.

TestAmerica Job ID: 480-45962-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-45962-1	EW-8	Water	09/17/13 14:15	09/17/13 16:20
480-45962-2	PF-4	Water	09/17/13 14:30	09/17/13 16:20
480-45962-3	B-8	Water	09/17/13 14:45	09/17/13 16:20
480-45962-4	MW-F5	Water	09/17/13 15:00	09/17/13 16:20
480-45962-5	MWS-3	Water	09/17/13 15:20	09/17/13 16:20
480-45962-6	MW-F4	Water	09/17/13 15:30	09/17/13 16:20
480-45962-7	DUP	Water	09/17/13 00:00	09/17/13 16:20

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____
Drinking Water? Yes ☐ No ☒

TAL-4124 (1007)

Client **GGS** Project Manager **Steven Letten** Chain of Custody Number **243173**

Address **495 Aero Drive** Telephone Number (Area Code)/Fax Number **484 645 2303** Lab Number **9/17/13** Page **1** of **1**

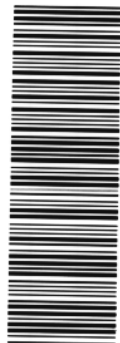
City **Chicktown, NY** Zip Code **14225** Site Contact _____ Lab Contact _____ Analysis (Attach list if more space is needed)

Project Name and Location (State) **RM5** Carrier/Waybill Number _____

Contract/Purchase Order/Quote No. _____

Special Instructions/
Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives				
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH
EW-8	9/17/13	1415	/	/	/	/	/	/	/	/	/	/
MS/MSD EW-8	9/17/13	1415	/	/	/	/	/	/	/	/	/	/
PF-4	9/17/13	1430	/	/	/	/	/	/	/	/	/	/
B-8	9/17/13	1445	/	/	/	/	/	/	/	/	/	/
MW-F5	9/17/13	1500	/	/	/	/	/	/	/	/	/	/
MW-S-3	9/17/13	1520	/	/	/	/	/	/	/	/	/	/
MW-F4	9/17/13	1530	/	/	/	/	/	/	/	/	/	/
dup	9/17/13		/	/	/	/	/	/	/	/	/	/



480-45962 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Return To Client ☐ Archive For _____ Months ☒ Disposal By Lab ☐ (A fee may be assessed if samples are retained longer than 1 month)

QC Requirements (Specify)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

1. Relinquished By **[Signature]** Date **9/17** Time **1620**
 2. Relinquished By **[Signature]** Date **9/17/13** Time **1620**
 3. Relinquished By **[Signature]** Date _____ Time _____

Comments

2 b.7

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy



Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-45962-1

Login Number: 45962

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	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	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-45962-1

Login Number: 45962

List Source: TestAmerica Buffalo

List Number: 2

Creator: Kolb, Chris M

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

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: 480-46059-1

Client Project/Site: Iroquois Gas/Westwood Pharm. Monthly

For:

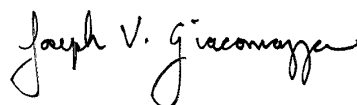
Groundwater & Environmental Services Inc

495 Aero Drive

Suite 3

Cheektowaga, New York 14225

Attn: Steven Leitten



Authorized for release by:

9/27/2013 2:45:15 PM

Joe Giacomazza, Project Administrator

joe.giacomazza@testamericainc.com

Designee for

Sally Hoffman, Project Manager II

(716)504-9839

sally.hoffman@testamericainc.com

LINKS

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	17
QC Sample Results	18
QC Association Summary	22
Lab Chronicle	23
Certification Summary	25
Method Summary	26
Sample Summary	27
Chain of Custody	28
Receipt Checklists	29



Definitions/Glossary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

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.

Glossary

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

Case Narrative

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Job ID: 480-46059-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-46059-1

Receipt

The samples were received on 9/18/2013 2:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.8° C.

GC/MS VOA

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: PF-6 (480-46059-4). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-F3 (480-46059-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-F2 (480-46059-3). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Detection Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: MW-F3

Lab Sample ID: 480-46059-1

No Detections.

Client Sample ID: MW-S2

Lab Sample ID: 480-46059-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.3	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: MW-F2

Lab Sample ID: 480-46059-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	34		5.0	2.1	ug/L	5		8260B	Total/NA
Ethylbenzene	450		5.0	3.7	ug/L	5		8260B	Total/NA
Isopropylbenzene	33		5.0	4.0	ug/L	5		8260B	Total/NA
Toluene	5.3		5.0	2.6	ug/L	5		8260B	Total/NA
Xylenes, Total	720		10	3.3	ug/L	5		8260B	Total/NA

Client Sample ID: PF-6

Lab Sample ID: 480-46059-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	15000		200	82	ug/L	200		8260B	Total/NA
Ethylbenzene	2300		200	150	ug/L	200		8260B	Total/NA
Xylenes, Total	2200		400	130	ug/L	200		8260B	Total/NA

Client Sample ID: B-3

Lab Sample ID: 480-46059-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.7	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: MW-F1

Lab Sample ID: 480-46059-6

No Detections.

Client Sample ID: PS-1

Lab Sample ID: 480-46059-7

No Detections.

Client Sample ID: B-5

Lab Sample ID: 480-46059-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.2	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-46059-9

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: MW-F3

Lab Sample ID: 480-46059-1

Date Collected: 09/18/13 10:30

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			09/24/13 11:52	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			09/24/13 11:52	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			09/24/13 11:52	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			09/24/13 11:52	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			09/24/13 11:52	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			09/24/13 11:52	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			09/24/13 11:52	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			09/24/13 11:52	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			09/24/13 11:52	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			09/24/13 11:52	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			09/24/13 11:52	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			09/24/13 11:52	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			09/24/13 11:52	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			09/24/13 11:52	5
2-Hexanone	ND		25	6.2	ug/L			09/24/13 11:52	5
2-Butanone (MEK)	ND		50	6.6	ug/L			09/24/13 11:52	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			09/24/13 11:52	5
Acetone	ND		50	15	ug/L			09/24/13 11:52	5
Benzene	ND		5.0	2.1	ug/L			09/24/13 11:52	5
Bromodichloromethane	ND		5.0	2.0	ug/L			09/24/13 11:52	5
Bromoform	ND		5.0	1.3	ug/L			09/24/13 11:52	5
Bromomethane	ND		5.0	3.5	ug/L			09/24/13 11:52	5
Carbon disulfide	ND		5.0	0.95	ug/L			09/24/13 11:52	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			09/24/13 11:52	5
Chlorobenzene	ND		5.0	3.8	ug/L			09/24/13 11:52	5
Dibromochloromethane	ND		5.0	1.6	ug/L			09/24/13 11:52	5
Chloroethane	ND		5.0	1.6	ug/L			09/24/13 11:52	5
Chloroform	ND		5.0	1.7	ug/L			09/24/13 11:52	5
Chloromethane	ND		5.0	1.8	ug/L			09/24/13 11:52	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			09/24/13 11:52	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			09/24/13 11:52	5
Cyclohexane	ND		5.0	0.90	ug/L			09/24/13 11:52	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			09/24/13 11:52	5
Ethylbenzene	ND		5.0	3.7	ug/L			09/24/13 11:52	5
Isopropylbenzene	ND		5.0	4.0	ug/L			09/24/13 11:52	5
Methyl acetate	ND		5.0	2.5	ug/L			09/24/13 11:52	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			09/24/13 11:52	5
Methylcyclohexane	ND		5.0	0.80	ug/L			09/24/13 11:52	5
Methylene Chloride	ND		5.0	2.2	ug/L			09/24/13 11:52	5
Styrene	ND		5.0	3.7	ug/L			09/24/13 11:52	5
Tetrachloroethene	ND		5.0	1.8	ug/L			09/24/13 11:52	5
Toluene	ND		5.0	2.6	ug/L			09/24/13 11:52	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			09/24/13 11:52	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			09/24/13 11:52	5
Trichloroethene	ND		5.0	2.3	ug/L			09/24/13 11:52	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			09/24/13 11:52	5
Vinyl chloride	ND		5.0	4.5	ug/L			09/24/13 11:52	5
Xylenes, Total	ND		10	3.3	ug/L			09/24/13 11:52	5

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: MW-F3

Date Collected: 09/18/13 10:30

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		09/24/13 11:52	5
Toluene-d8 (Surr)	110		71 - 126		09/24/13 11:52	5
4-Bromofluorobenzene (Surr)	104		73 - 120		09/24/13 11:52	5

Client Sample ID: MW-S2

Date Collected: 09/18/13 11:00

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/24/13 12:14	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/24/13 12:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/24/13 12:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/24/13 12:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/24/13 12:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/24/13 12:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/24/13 12:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/24/13 12:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/24/13 12:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/24/13 12:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/13 12:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/24/13 12:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/24/13 12:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/24/13 12:14	1
2-Hexanone	ND		5.0	1.2	ug/L			09/24/13 12:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/24/13 12:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/24/13 12:14	1
Acetone	3.3	J	10	3.0	ug/L			09/24/13 12:14	1
Benzene	ND		1.0	0.41	ug/L			09/24/13 12:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/24/13 12:14	1
Bromoform	ND		1.0	0.26	ug/L			09/24/13 12:14	1
Bromomethane	ND		1.0	0.69	ug/L			09/24/13 12:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/24/13 12:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/24/13 12:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/24/13 12:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/24/13 12:14	1
Chloroethane	ND		1.0	0.32	ug/L			09/24/13 12:14	1
Chloroform	ND		1.0	0.34	ug/L			09/24/13 12:14	1
Chloromethane	ND		1.0	0.35	ug/L			09/24/13 12:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/24/13 12:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/24/13 12:14	1
Cyclohexane	ND		1.0	0.18	ug/L			09/24/13 12:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/24/13 12:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/24/13 12:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/24/13 12:14	1
Methyl acetate	ND		1.0	0.50	ug/L			09/24/13 12:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/24/13 12:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/24/13 12:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/24/13 12:14	1
Styrene	ND		1.0	0.73	ug/L			09/24/13 12:14	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: MW-S2

Lab Sample ID: 480-46059-2

Date Collected: 09/18/13 11:00

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			09/24/13 12:14	1
Toluene	ND		1.0	0.51	ug/L			09/24/13 12:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/24/13 12:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/24/13 12:14	1
Trichloroethene	ND		1.0	0.46	ug/L			09/24/13 12:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/24/13 12:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/24/13 12:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/24/13 12:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137					09/24/13 12:14	1
Toluene-d8 (Surr)	113		71 - 126					09/24/13 12:14	1
4-Bromofluorobenzene (Surr)	106		73 - 120					09/24/13 12:14	1

Client Sample ID: MW-F2

Lab Sample ID: 480-46059-3

Date Collected: 09/18/13 11:15

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			09/24/13 12:36	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			09/24/13 12:36	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			09/24/13 12:36	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			09/24/13 12:36	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			09/24/13 12:36	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			09/24/13 12:36	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			09/24/13 12:36	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			09/24/13 12:36	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			09/24/13 12:36	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			09/24/13 12:36	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			09/24/13 12:36	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			09/24/13 12:36	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			09/24/13 12:36	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			09/24/13 12:36	5
2-Hexanone	ND		25	6.2	ug/L			09/24/13 12:36	5
2-Butanone (MEK)	ND		50	6.6	ug/L			09/24/13 12:36	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			09/24/13 12:36	5
Acetone	ND		50	15	ug/L			09/24/13 12:36	5
Benzene	34		5.0	2.1	ug/L			09/24/13 12:36	5
Bromodichloromethane	ND		5.0	2.0	ug/L			09/24/13 12:36	5
Bromoform	ND		5.0	1.3	ug/L			09/24/13 12:36	5
Bromomethane	ND		5.0	3.5	ug/L			09/24/13 12:36	5
Carbon disulfide	ND		5.0	0.95	ug/L			09/24/13 12:36	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			09/24/13 12:36	5
Chlorobenzene	ND		5.0	3.8	ug/L			09/24/13 12:36	5
Dibromochloromethane	ND		5.0	1.6	ug/L			09/24/13 12:36	5
Chloroethane	ND		5.0	1.6	ug/L			09/24/13 12:36	5
Chloroform	ND		5.0	1.7	ug/L			09/24/13 12:36	5
Chloromethane	ND		5.0	1.8	ug/L			09/24/13 12:36	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			09/24/13 12:36	5

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: MW-F2

Lab Sample ID: 480-46059-3

Date Collected: 09/18/13 11:15

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			09/24/13 12:36	5
Cyclohexane	ND		5.0	0.90	ug/L			09/24/13 12:36	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			09/24/13 12:36	5
Ethylbenzene	450		5.0	3.7	ug/L			09/24/13 12:36	5
Isopropylbenzene	33		5.0	4.0	ug/L			09/24/13 12:36	5
Methyl acetate	ND		5.0	2.5	ug/L			09/24/13 12:36	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			09/24/13 12:36	5
Methylcyclohexane	ND		5.0	0.80	ug/L			09/24/13 12:36	5
Methylene Chloride	ND		5.0	2.2	ug/L			09/24/13 12:36	5
Styrene	ND		5.0	3.7	ug/L			09/24/13 12:36	5
Tetrachloroethene	ND		5.0	1.8	ug/L			09/24/13 12:36	5
Toluene	5.3		5.0	2.6	ug/L			09/24/13 12:36	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			09/24/13 12:36	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			09/24/13 12:36	5
Trichloroethene	ND		5.0	2.3	ug/L			09/24/13 12:36	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			09/24/13 12:36	5
Vinyl chloride	ND		5.0	4.5	ug/L			09/24/13 12:36	5
Xylenes, Total	720		10	3.3	ug/L			09/24/13 12:36	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137					09/24/13 12:36	5
Toluene-d8 (Surr)	111		71 - 126					09/24/13 12:36	5
4-Bromofluorobenzene (Surr)	108		73 - 120					09/24/13 12:36	5

Client Sample ID: PF-6

Lab Sample ID: 480-46059-4

Date Collected: 09/18/13 11:30

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	160	ug/L			09/24/13 23:46	200
1,1,1,2-Tetrachloroethane	ND		200	42	ug/L			09/24/13 23:46	200
1,1,2-Trichloroethane	ND		200	46	ug/L			09/24/13 23:46	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62	ug/L			09/24/13 23:46	200
1,1-Dichloroethane	ND		200	76	ug/L			09/24/13 23:46	200
1,1-Dichloroethene	ND		200	58	ug/L			09/24/13 23:46	200
1,2,4-Trichlorobenzene	ND		200	82	ug/L			09/24/13 23:46	200
1,2-Dibromo-3-Chloropropane	ND		200	78	ug/L			09/24/13 23:46	200
1,2-Dibromoethane	ND		200	150	ug/L			09/24/13 23:46	200
1,2-Dichlorobenzene	ND		200	160	ug/L			09/24/13 23:46	200
1,2-Dichloroethane	ND		200	42	ug/L			09/24/13 23:46	200
1,2-Dichloropropane	ND		200	140	ug/L			09/24/13 23:46	200
1,3-Dichlorobenzene	ND		200	160	ug/L			09/24/13 23:46	200
1,4-Dichlorobenzene	ND		200	170	ug/L			09/24/13 23:46	200
2-Hexanone	ND		1000	250	ug/L			09/24/13 23:46	200
2-Butanone (MEK)	ND		2000	260	ug/L			09/24/13 23:46	200
4-Methyl-2-pentanone (MIBK)	ND		1000	420	ug/L			09/24/13 23:46	200
Acetone	ND		2000	600	ug/L			09/24/13 23:46	200
Benzene	15000		200	82	ug/L			09/24/13 23:46	200
Bromodichloromethane	ND		200	78	ug/L			09/24/13 23:46	200

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: PF-6

Lab Sample ID: 480-46059-4

Date Collected: 09/18/13 11:30

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		200	52	ug/L			09/24/13 23:46	200
Bromomethane	ND		200	140	ug/L			09/24/13 23:46	200
Carbon disulfide	ND		200	38	ug/L			09/24/13 23:46	200
Carbon tetrachloride	ND		200	54	ug/L			09/24/13 23:46	200
Chlorobenzene	ND		200	150	ug/L			09/24/13 23:46	200
Dibromochloromethane	ND		200	64	ug/L			09/24/13 23:46	200
Chloroethane	ND		200	64	ug/L			09/24/13 23:46	200
Chloroform	ND		200	68	ug/L			09/24/13 23:46	200
Chloromethane	ND		200	70	ug/L			09/24/13 23:46	200
cis-1,2-Dichloroethene	ND		200	160	ug/L			09/24/13 23:46	200
cis-1,3-Dichloropropene	ND		200	72	ug/L			09/24/13 23:46	200
Cyclohexane	ND		200	36	ug/L			09/24/13 23:46	200
Dichlorodifluoromethane	ND		200	140	ug/L			09/24/13 23:46	200
Ethylbenzene	2300		200	150	ug/L			09/24/13 23:46	200
Isopropylbenzene	ND		200	160	ug/L			09/24/13 23:46	200
Methyl acetate	ND		200	100	ug/L			09/24/13 23:46	200
Methyl tert-butyl ether	ND		200	32	ug/L			09/24/13 23:46	200
Methylcyclohexane	ND		200	32	ug/L			09/24/13 23:46	200
Methylene Chloride	ND		200	88	ug/L			09/24/13 23:46	200
Styrene	ND		200	150	ug/L			09/24/13 23:46	200
Tetrachloroethene	ND		200	72	ug/L			09/24/13 23:46	200
Toluene	ND		200	100	ug/L			09/24/13 23:46	200
trans-1,2-Dichloroethene	ND		200	180	ug/L			09/24/13 23:46	200
trans-1,3-Dichloropropene	ND		200	74	ug/L			09/24/13 23:46	200
Trichloroethene	ND		200	92	ug/L			09/24/13 23:46	200
Trichlorofluoromethane	ND		200	180	ug/L			09/24/13 23:46	200
Vinyl chloride	ND		200	180	ug/L			09/24/13 23:46	200
Xylenes, Total	2200		400	130	ug/L			09/24/13 23:46	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		66 - 137					09/24/13 23:46	200
Toluene-d8 (Surr)	112		71 - 126					09/24/13 23:46	200
4-Bromofluorobenzene (Surr)	109		73 - 120					09/24/13 23:46	200

Client Sample ID: B-3

Lab Sample ID: 480-46059-5

Date Collected: 09/18/13 12:00

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/24/13 13:19	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/24/13 13:19	1
1,1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/24/13 13:19	1
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/24/13 13:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/24/13 13:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/24/13 13:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/24/13 13:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/24/13 13:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/24/13 13:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/24/13 13:19	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: B-3

Lab Sample ID: 480-46059-5

Date Collected: 09/18/13 12:00

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/13 13:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/24/13 13:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/24/13 13:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/24/13 13:19	1
2-Hexanone	ND		5.0	1.2	ug/L			09/24/13 13:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/24/13 13:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/24/13 13:19	1
Acetone	3.7	J	10	3.0	ug/L			09/24/13 13:19	1
Benzene	ND		1.0	0.41	ug/L			09/24/13 13:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/24/13 13:19	1
Bromoform	ND		1.0	0.26	ug/L			09/24/13 13:19	1
Bromomethane	ND		1.0	0.69	ug/L			09/24/13 13:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/24/13 13:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/24/13 13:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/24/13 13:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/24/13 13:19	1
Chloroethane	ND		1.0	0.32	ug/L			09/24/13 13:19	1
Chloroform	ND		1.0	0.34	ug/L			09/24/13 13:19	1
Chloromethane	ND		1.0	0.35	ug/L			09/24/13 13:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/24/13 13:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/24/13 13:19	1
Cyclohexane	ND		1.0	0.18	ug/L			09/24/13 13:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/24/13 13:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/24/13 13:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/24/13 13:19	1
Methyl acetate	ND		1.0	0.50	ug/L			09/24/13 13:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/24/13 13:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/24/13 13:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/24/13 13:19	1
Styrene	ND		1.0	0.73	ug/L			09/24/13 13:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/24/13 13:19	1
Toluene	ND		1.0	0.51	ug/L			09/24/13 13:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/24/13 13:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/24/13 13:19	1
Trichloroethene	ND		1.0	0.46	ug/L			09/24/13 13:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/24/13 13:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/24/13 13:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/24/13 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		66 - 137		09/24/13 13:19	1
Toluene-d8 (Surr)	112		71 - 126		09/24/13 13:19	1
4-Bromofluorobenzene (Surr)	107		73 - 120		09/24/13 13:19	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: MW-F1

Lab Sample ID: 480-46059-6

Date Collected: 09/18/13 12:15

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/24/13 13:41	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/24/13 13:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/24/13 13:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/24/13 13:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/24/13 13:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/24/13 13:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/24/13 13:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/24/13 13:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/24/13 13:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/24/13 13:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/13 13:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/24/13 13:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/24/13 13:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/24/13 13:41	1
2-Hexanone	ND		5.0	1.2	ug/L			09/24/13 13:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/24/13 13:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/24/13 13:41	1
Acetone	ND		10	3.0	ug/L			09/24/13 13:41	1
Benzene	ND		1.0	0.41	ug/L			09/24/13 13:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/24/13 13:41	1
Bromoform	ND		1.0	0.26	ug/L			09/24/13 13:41	1
Bromomethane	ND		1.0	0.69	ug/L			09/24/13 13:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/24/13 13:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/24/13 13:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/24/13 13:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/24/13 13:41	1
Chloroethane	ND		1.0	0.32	ug/L			09/24/13 13:41	1
Chloroform	ND		1.0	0.34	ug/L			09/24/13 13:41	1
Chloromethane	ND		1.0	0.35	ug/L			09/24/13 13:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/24/13 13:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/24/13 13:41	1
Cyclohexane	ND		1.0	0.18	ug/L			09/24/13 13:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/24/13 13:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/24/13 13:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/24/13 13:41	1
Methyl acetate	ND		1.0	0.50	ug/L			09/24/13 13:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/24/13 13:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/24/13 13:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/24/13 13:41	1
Styrene	ND		1.0	0.73	ug/L			09/24/13 13:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/24/13 13:41	1
Toluene	ND		1.0	0.51	ug/L			09/24/13 13:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/24/13 13:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/24/13 13:41	1
Trichloroethene	ND		1.0	0.46	ug/L			09/24/13 13:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/24/13 13:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/24/13 13:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/24/13 13:41	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: MW-F1

Date Collected: 09/18/13 12:15

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-6

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		09/24/13 13:41	1
Toluene-d8 (Surr)	112		71 - 126		09/24/13 13:41	1
4-Bromofluorobenzene (Surr)	108		73 - 120		09/24/13 13:41	1

Client Sample ID: PS-1

Date Collected: 09/18/13 12:45

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/24/13 14:03	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/24/13 14:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/24/13 14:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/24/13 14:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/24/13 14:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/24/13 14:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/24/13 14:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/24/13 14:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/24/13 14:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/24/13 14:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/13 14:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/24/13 14:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/24/13 14:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/24/13 14:03	1
2-Hexanone	ND		5.0	1.2	ug/L			09/24/13 14:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/24/13 14:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/24/13 14:03	1
Acetone	ND		10	3.0	ug/L			09/24/13 14:03	1
Benzene	ND		1.0	0.41	ug/L			09/24/13 14:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/24/13 14:03	1
Bromoform	ND		1.0	0.26	ug/L			09/24/13 14:03	1
Bromomethane	ND		1.0	0.69	ug/L			09/24/13 14:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/24/13 14:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/24/13 14:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/24/13 14:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/24/13 14:03	1
Chloroethane	ND		1.0	0.32	ug/L			09/24/13 14:03	1
Chloroform	ND		1.0	0.34	ug/L			09/24/13 14:03	1
Chloromethane	ND		1.0	0.35	ug/L			09/24/13 14:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/24/13 14:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/24/13 14:03	1
Cyclohexane	ND		1.0	0.18	ug/L			09/24/13 14:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/24/13 14:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/24/13 14:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/24/13 14:03	1
Methyl acetate	ND		1.0	0.50	ug/L			09/24/13 14:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/24/13 14:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/24/13 14:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/24/13 14:03	1
Styrene	ND		1.0	0.73	ug/L			09/24/13 14:03	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: PS-1

Lab Sample ID: 480-46059-7

Date Collected: 09/18/13 12:45

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			09/24/13 14:03	1
Toluene	ND		1.0	0.51	ug/L			09/24/13 14:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/24/13 14:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/24/13 14:03	1
Trichloroethene	ND		1.0	0.46	ug/L			09/24/13 14:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/24/13 14:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/24/13 14:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/24/13 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		09/24/13 14:03	1
Toluene-d8 (Surr)	112		71 - 126		09/24/13 14:03	1
4-Bromofluorobenzene (Surr)	106		73 - 120		09/24/13 14:03	1

Client Sample ID: B-5

Lab Sample ID: 480-46059-8

Date Collected: 09/18/13 13:00

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/24/13 14:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/24/13 14:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/24/13 14:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/24/13 14:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/24/13 14:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/24/13 14:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/24/13 14:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/24/13 14:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/24/13 14:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/24/13 14:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/13 14:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/24/13 14:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/24/13 14:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/24/13 14:25	1
2-Hexanone	ND		5.0	1.2	ug/L			09/24/13 14:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/24/13 14:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/24/13 14:25	1
Acetone	4.2	J	10	3.0	ug/L			09/24/13 14:25	1
Benzene	ND		1.0	0.41	ug/L			09/24/13 14:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/24/13 14:25	1
Bromoform	ND		1.0	0.26	ug/L			09/24/13 14:25	1
Bromomethane	ND		1.0	0.69	ug/L			09/24/13 14:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/24/13 14:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/24/13 14:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/24/13 14:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/24/13 14:25	1
Chloroethane	ND		1.0	0.32	ug/L			09/24/13 14:25	1
Chloroform	ND		1.0	0.34	ug/L			09/24/13 14:25	1
Chloromethane	ND		1.0	0.35	ug/L			09/24/13 14:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/24/13 14:25	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: B-5

Lab Sample ID: 480-46059-8

Date Collected: 09/18/13 13:00

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/24/13 14:25	1
Cyclohexane	ND		1.0	0.18	ug/L			09/24/13 14:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/24/13 14:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/24/13 14:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/24/13 14:25	1
Methyl acetate	ND		1.0	0.50	ug/L			09/24/13 14:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/24/13 14:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/24/13 14:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/24/13 14:25	1
Styrene	ND		1.0	0.73	ug/L			09/24/13 14:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/24/13 14:25	1
Toluene	ND		1.0	0.51	ug/L			09/24/13 14:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/24/13 14:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/24/13 14:25	1
Trichloroethene	ND		1.0	0.46	ug/L			09/24/13 14:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/24/13 14:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/24/13 14:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/24/13 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		09/24/13 14:25	1
Toluene-d8 (Surr)	112		71 - 126		09/24/13 14:25	1
4-Bromofluorobenzene (Surr)	107		73 - 120		09/24/13 14:25	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-46059-9

Date Collected: 09/18/13 00:00

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/24/13 14:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/24/13 14:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/24/13 14:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/24/13 14:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/24/13 14:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/24/13 14:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/24/13 14:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/24/13 14:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/24/13 14:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/24/13 14:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/13 14:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/24/13 14:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/24/13 14:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/24/13 14:47	1
2-Hexanone	ND		5.0	1.2	ug/L			09/24/13 14:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/24/13 14:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/24/13 14:47	1
Acetone	ND		10	3.0	ug/L			09/24/13 14:47	1
Benzene	ND		1.0	0.41	ug/L			09/24/13 14:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/24/13 14:47	1

TestAmerica Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-46059-9

Date Collected: 09/18/13 00:00

Matrix: Water

Date Received: 09/18/13 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.26	ug/L			09/24/13 14:47	1
Bromomethane	ND		1.0	0.69	ug/L			09/24/13 14:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/24/13 14:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/24/13 14:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/24/13 14:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/24/13 14:47	1
Chloroethane	ND		1.0	0.32	ug/L			09/24/13 14:47	1
Chloroform	ND		1.0	0.34	ug/L			09/24/13 14:47	1
Chloromethane	ND		1.0	0.35	ug/L			09/24/13 14:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/24/13 14:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/24/13 14:47	1
Cyclohexane	ND		1.0	0.18	ug/L			09/24/13 14:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/24/13 14:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/24/13 14:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/24/13 14:47	1
Methyl acetate	ND		1.0	0.50	ug/L			09/24/13 14:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/24/13 14:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/24/13 14:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/24/13 14:47	1
Styrene	ND		1.0	0.73	ug/L			09/24/13 14:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/24/13 14:47	1
Toluene	ND		1.0	0.51	ug/L			09/24/13 14:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/24/13 14:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/24/13 14:47	1
Trichloroethene	ND		1.0	0.46	ug/L			09/24/13 14:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/24/13 14:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/24/13 14:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/24/13 14:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137					09/24/13 14:47	1
Toluene-d8 (Surr)	113		71 - 126					09/24/13 14:47	1
4-Bromofluorobenzene (Surr)	108		73 - 120					09/24/13 14:47	1

TestAmerica Buffalo

Surrogate Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-46059-1	MW-F3	98	110	104
480-46059-2	MW-S2	98	113	106
480-46059-3	MW-F2	98	111	108
480-46059-4	PF-6	96	112	109
480-46059-5	B-3	95	112	107
480-46059-6	MW-F1	97	112	108
480-46059-7	PS-1	96	112	106
480-46059-8	B-5	97	112	107
480-46059-9	TRIP BLANK	98	113	108
LCS 480-140780/5	Lab Control Sample	96	111	107
LCS 480-140947/4	Lab Control Sample	96	111	106
MB 480-140780/6	Method Blank	96	111	105
MB 480-140947/5	Method Blank	97	112	105

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

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

Lab Sample ID: MB 480-140780/6

Matrix: Water

Analysis Batch: 140780

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/24/13 11:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/24/13 11:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/24/13 11:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/24/13 11:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/24/13 11:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/24/13 11:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/24/13 11:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/24/13 11:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/24/13 11:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/24/13 11:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/13 11:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/24/13 11:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/24/13 11:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/24/13 11:17	1
2-Hexanone	ND		5.0	1.2	ug/L			09/24/13 11:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/24/13 11:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/24/13 11:17	1
Acetone	ND		10	3.0	ug/L			09/24/13 11:17	1
Benzene	ND		1.0	0.41	ug/L			09/24/13 11:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/24/13 11:17	1
Bromoform	ND		1.0	0.26	ug/L			09/24/13 11:17	1
Bromomethane	ND		1.0	0.69	ug/L			09/24/13 11:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/24/13 11:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/24/13 11:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/24/13 11:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/24/13 11:17	1
Chloroethane	ND		1.0	0.32	ug/L			09/24/13 11:17	1
Chloroform	ND		1.0	0.34	ug/L			09/24/13 11:17	1
Chloromethane	ND		1.0	0.35	ug/L			09/24/13 11:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/24/13 11:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/24/13 11:17	1
Cyclohexane	ND		1.0	0.18	ug/L			09/24/13 11:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/24/13 11:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/24/13 11:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/24/13 11:17	1
Methyl acetate	ND		1.0	0.50	ug/L			09/24/13 11:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/24/13 11:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/24/13 11:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/24/13 11:17	1
Styrene	ND		1.0	0.73	ug/L			09/24/13 11:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/24/13 11:17	1
Toluene	ND		1.0	0.51	ug/L			09/24/13 11:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/24/13 11:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/24/13 11:17	1
Trichloroethene	ND		1.0	0.46	ug/L			09/24/13 11:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/24/13 11:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/24/13 11:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/24/13 11:17	1

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

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

Lab Sample ID: MB 480-140780/6

Matrix: Water

Analysis Batch: 140780

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		66 - 137		09/24/13 11:17	1
Toluene-d8 (Surr)	111		71 - 126		09/24/13 11:17	1
4-Bromofluorobenzene (Surr)	105		73 - 120		09/24/13 11:17	1

Lab Sample ID: LCS 480-140780/5

Matrix: Water

Analysis Batch: 140780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	21.7		ug/L		87	71 - 129
1,1-Dichloroethene	25.0	18.1		ug/L		72	58 - 121
1,2-Dichlorobenzene	25.0	26.6		ug/L		106	80 - 124
1,2-Dichloroethane	25.0	22.6		ug/L		90	75 - 127
Benzene	25.0	23.5		ug/L		94	71 - 124
Chlorobenzene	25.0	26.9		ug/L		108	72 - 120
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	74 - 124
Ethylbenzene	25.0	25.1		ug/L		100	77 - 123
Methyl tert-butyl ether	25.0	22.1		ug/L		88	64 - 127
Tetrachloroethene	25.0	27.4		ug/L		109	74 - 122
Toluene	25.0	26.2		ug/L		105	80 - 122
trans-1,2-Dichloroethene	25.0	24.1		ug/L		97	73 - 127
Trichloroethene	25.0	23.5		ug/L		94	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		66 - 137
Toluene-d8 (Surr)	111		71 - 126
4-Bromofluorobenzene (Surr)	107		73 - 120

Lab Sample ID: MB 480-140947/5

Matrix: Water

Analysis Batch: 140947

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/24/13 22:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/24/13 22:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/24/13 22:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/24/13 22:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/24/13 22:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/24/13 22:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/24/13 22:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/24/13 22:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/24/13 22:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/24/13 22:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/24/13 22:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/24/13 22:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/24/13 22:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/24/13 22:18	1
2-Hexanone	ND		5.0	1.2	ug/L			09/24/13 22:18	1

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

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

Lab Sample ID: MB 480-140947/5

Matrix: Water

Analysis Batch: 140947

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		10	1.3	ug/L			09/24/13 22:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/24/13 22:18	1
Acetone	ND		10	3.0	ug/L			09/24/13 22:18	1
Benzene	ND		1.0	0.41	ug/L			09/24/13 22:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/24/13 22:18	1
Bromoform	ND		1.0	0.26	ug/L			09/24/13 22:18	1
Bromomethane	ND		1.0	0.69	ug/L			09/24/13 22:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/24/13 22:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/24/13 22:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/24/13 22:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/24/13 22:18	1
Chloroethane	ND		1.0	0.32	ug/L			09/24/13 22:18	1
Chloroform	ND		1.0	0.34	ug/L			09/24/13 22:18	1
Chloromethane	ND		1.0	0.35	ug/L			09/24/13 22:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/24/13 22:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/24/13 22:18	1
Cyclohexane	ND		1.0	0.18	ug/L			09/24/13 22:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/24/13 22:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/24/13 22:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/24/13 22:18	1
Methyl acetate	ND		1.0	0.50	ug/L			09/24/13 22:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/24/13 22:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/24/13 22:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/24/13 22:18	1
Styrene	ND		1.0	0.73	ug/L			09/24/13 22:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/24/13 22:18	1
Toluene	ND		1.0	0.51	ug/L			09/24/13 22:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/24/13 22:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/24/13 22:18	1
Trichloroethene	ND		1.0	0.46	ug/L			09/24/13 22:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/24/13 22:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/24/13 22:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/24/13 22:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		09/24/13 22:18	1
Toluene-d8 (Surr)	112		71 - 126		09/24/13 22:18	1
4-Bromofluorobenzene (Surr)	105		73 - 120		09/24/13 22:18	1

Lab Sample ID: LCS 480-140947/4

Matrix: Water

Analysis Batch: 140947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.4		ug/L		90	71 - 129
1,1-Dichloroethene	25.0	19.7		ug/L		79	58 - 121
1,2-Dichlorobenzene	25.0	27.2		ug/L		109	80 - 124
1,2-Dichloroethane	25.0	23.1		ug/L		93	75 - 127

TestAmerica Buffalo

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

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

Lab Sample ID: LCS 480-140947/4

Matrix: Water

Analysis Batch: 140947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	24.4		ug/L		98	71 - 124
Chlorobenzene	25.0	27.8		ug/L		111	72 - 120
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	74 - 124
Ethylbenzene	25.0	26.2		ug/L		105	77 - 123
Methyl tert-butyl ether	25.0	22.6		ug/L		90	64 - 127
Tetrachloroethene	25.0	29.1		ug/L		117	74 - 122
Toluene	25.0	27.4		ug/L		110	80 - 122
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	73 - 127
Trichloroethene	25.0	24.6		ug/L		98	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		66 - 137
Toluene-d8 (Surr)	111		71 - 126
4-Bromofluorobenzene (Surr)	106		73 - 120

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

GC/MS VOA

Analysis Batch: 140780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46059-1	MW-F3	Total/NA	Water	8260B	
480-46059-2	MW-S2	Total/NA	Water	8260B	
480-46059-3	MW-F2	Total/NA	Water	8260B	
480-46059-5	B-3	Total/NA	Water	8260B	
480-46059-6	MW-F1	Total/NA	Water	8260B	
480-46059-7	PS-1	Total/NA	Water	8260B	
480-46059-8	B-5	Total/NA	Water	8260B	
480-46059-9	TRIP BLANK	Total/NA	Water	8260B	
LCS 480-140780/5	Lab Control Sample	Total/NA	Water	8260B	
MB 480-140780/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 140947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46059-4	PF-6	Total/NA	Water	8260B	
LCS 480-140947/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-140947/5	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: MW-F3

Date Collected: 09/18/13 10:30

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	140780	09/24/13 11:52	RAL	TAL BUF

Client Sample ID: MW-S2

Date Collected: 09/18/13 11:00

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140780	09/24/13 12:14	RAL	TAL BUF

Client Sample ID: MW-F2

Date Collected: 09/18/13 11:15

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	140780	09/24/13 12:36	RAL	TAL BUF

Client Sample ID: PF-6

Date Collected: 09/18/13 11:30

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	140947	09/24/13 23:46	NQN	TAL BUF

Client Sample ID: B-3

Date Collected: 09/18/13 12:00

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140780	09/24/13 13:19	RAL	TAL BUF

Client Sample ID: MW-F1

Date Collected: 09/18/13 12:15

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140780	09/24/13 13:41	RAL	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Client Sample ID: PS-1

Date Collected: 09/18/13 12:45

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140780	09/24/13 14:03	RAL	TAL BUF

Client Sample ID: B-5

Date Collected: 09/18/13 13:00

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140780	09/24/13 14:25	RAL	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 09/18/13 00:00

Date Received: 09/18/13 14:00

Lab Sample ID: 480-46059-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140780	09/24/13 14:47	RAL	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: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	10-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-14

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Iroquois Gas/Westwood Pharm. Monthly

TestAmerica Job ID: 480-46059-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-46059-1	MW-F3	Water	09/18/13 10:30	09/18/13 14:00
480-46059-2	MW-S2	Water	09/18/13 11:00	09/18/13 14:00
480-46059-3	MW-F2	Water	09/18/13 11:15	09/18/13 14:00
480-46059-4	PF-6	Water	09/18/13 11:30	09/18/13 14:00
480-46059-5	B-3	Water	09/18/13 12:00	09/18/13 14:00
480-46059-6	MW-F1	Water	09/18/13 12:15	09/18/13 14:00
480-46059-7	PS-1	Water	09/18/13 12:45	09/18/13 14:00
480-46059-8	B-5	Water	09/18/13 13:00	09/18/13 14:00
480-46059-9	TRIP BLANK	Water	09/18/13 00:00	09/18/13 14:00

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

Chain of Custody Record

TAL-4124 (1007)

Client	C-FS	Project Manager	Steve Lott	Date	9/18/13	Chain of Custody Number	249755
Address	495 K... Dr	Telephone Number (Area Code)/Fax Number	480 615 3300	Lab Number			
City	Scottsdale	Site Contact	Steve Lott	Lab Contact	Steve Lott	Page	1 of 1
State	AZ	Zip Code	85255				
Project Name and Location (State)		Contract/Purchase Order/Quote No.					

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives					Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt	
			Air	Sed	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH			
MW-F3	9/18	1030	/											
MW-S2	9/18	1100	/											
MW-F2	9/18	1115	/											
PC-6	9/18	1130	/											
VE-3	9/18	1200	/											
MW-F1	9/18	1215	/											
PS-1	9/18	1245	/											
B-5	9/18	1300	/											
TR-4														

Possible Hazard Identification		Sample Disposal		(A fee may be assessed if samples are retained longer than 1 month)	
☐ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B	☒ Unknown	☒ Disposal By Lab
Turn Around Time Required		Archive For		Months	
☐ 24 Hours	☐ 48 Hours	☒ 7 Days	☐ 14 Days	☐ 21 Days	
1. Relinquished By		Date		Time	
2. Relinquished By		Date		Time	
3. Relinquished By		Date		Time	

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-46059-1

Login Number: 46059

List Source: TestAmerica Buffalo

List Number: 1

Creator: Stau, Brandon M

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

Creek Inspection Reports

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

Monthly Creek Inspection Report

Gauge Date: 9/17/2013

Personnel: Mike Reisch
Lori Tuovila

Safety Items

Weather conditions are suitable for Creek inspection?

Yes

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

Yes

Tie off ropes have been inspected for wear?

Yes

Tie off ropes have been secured to a permanent structure prior to descent?

Yes

Inspection Notes:

- 1) Seep at 13, 14 and 30
- 2) Seep at 13 about 1 quart per minute
- 3) Seep at 14 very slow, immeasurable
- 4) Seep at 30 consistent with previous inspections, approximately 1/2 quart per hour

Photos Taken?

Yes - see attached

Approximatley 1 qt
per minute flow
observed at 13



Flow at 14 is not
measurable



Photo is not clear, flow
is approximately 1/2 qt
per hour



Monthly Creek Inspection Report

No photos taken

**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

Monthly Creek Inspection Report

Gauge Date: 9/19/2013

Personnel: Lori Tuovila

Safety Items

Weather conditions are suitable for Creek inspection?

Yes

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

Yes

Tie off ropes have been inspected for wear?

Yes

Tie off ropes have been secured to a permanent structure prior to descent?

Yes

Inspection Notes:

- 1) Seep at 13, moisture is visible around holes, less than 0.1 gallon per minute, both locations seeping
- 2) Seep at 14, moisture is visible around holes, trickle is visible, less than 0.1 gallon per minute
- 3) Seep at 30, moisture is visible at base, more visible flow, approximately 2 gallons per day
- 4) Seep at 32, moisture is visible at base, more visible flow, less than 1 gallon per day

Photos Taken?

No photos taken

Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY

Monthly Creek Inspection Report

Inspection Date: 9/20/2013

Personnel: Lori Tuovila

Safety Items

Weather conditions are suitable for Creek inspection?

Yes

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

Yes

Tie off ropes have been inspected for wear?

Yes

Tie off ropes have been secured to a permanent structure prior to descent?

Yes

Inspection Notes:

- 1) Seep at 13, moisture visible, trickle, less than 0.1 gallon per minute, both locations seeping
- 2) Seep at 14, moisture visible, trickle, less than 0.1 gallon per minute, both locations seeping
- 3) Seep at 30, moisture is visible at base, no trickle visible, less than 1 gallon per day
- 4) Seep at 32, moisture is visible at base, no trickle visible, less than 1 gallon per day

Photos Taken?

Yes - see attached

Visible moisture
at 13, less than
0.1 gpm



Visible moisture
at 13, less than
0.1 gpm



Visible moisture
at 13, less than
0.1 gpm



Visible moisture
at 14, less than
0.1 gpm



Visible moisture
at 14, less than
0.1 gpm



Visible moisture
at base of 30,
less than 1 gpm,
no visible trickle



Visible moisture
at base of 30,
less than 1 gpm,
no visible trickle



Visible moisture
at base of 30,
less than 1 gpm,
no visible trickle



Visible moisture
at base of 30,
less than 1 gpm,
no visible trickle



Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY

Monthly Creek Inspection Report

Inspection Date: 9/23/2013

Personnel: Lori Tuovila

Safety Items

Weather conditions are suitable for Creek inspection?

Yes, dry

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

Yes

Tie off ropes have been inspected for wear?

Yes

Tie off ropes have been secured to a permanent structure prior to descent?

Yes

Inspection Notes:

- 1) Recent heavy rainfall (previous Friday night), creek in noticeably higher than Friday afternoon
- 2) Seep at 13 has moderate to high flow, approximately 0.8 to 1 gallon per minute (both locations)
- 3) Seep at 14 has moderate flow, 0.25 to 0.5 gallons per minute (both locations)
- 4) Seep at 16, large spot of moisture visible at both locations, trickle of flow visible, not measurable (both locations)
- 5) Seep at 17, large spot of moisture visible at both locations, trickle of flow visible, not measurable (both locations)
- 6) Seep at 30, large spot of moisture visible, approximately 0.1 gallon per minute, continues to stream
- 7) Seep at 32, large spot of moisture visible, approximately 0.1 gallon per minute, continues to stream

Photos Taken?

Yes - see attached



Moderate to high
flow at 13, 0.8 to 1
gpm

The image shows a stream with a rocky bed and some vegetation on the banks. A red arrow points from a text box to a dark spot in the water. The number '13' is written on the right bank.

Moderate to high
flow at 13, 0.8 to 1
gpm



Moderate to high
flow at 13, 0.8 to 1
gpm



Moderate flow at
14, 0.25 to 0.5 gpm



Moderate flow at
14, 0.25 to 0.5 gpm



Moisture visible at
16, visible trickle,
flow not
measurable



Moisture visible at
16 (both locations),
visible trickle, flow
not measurable



Moisture visible at
16 (both locations),
visible trickle, flow
not measurable



Moisture visible at
16, visible trickle,
flow not
measurable



Moisture visible at
16, visible trickle,
flow not
measurable



Moisture visible at
17 (both locations),
visible trickle, flow
not measurable



Large spot of
moisture visible by
30



Large spot of
moisture visible by
30



Large spot of
moisture visible by
30



Large spot of
moisture visible by
32



Large spot of
moisture visible by
32



**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

Monthly Creek Inspection Report

Inspection Date: 9/24/2013

Personnel: Lori Tuovila

Safety Items

Weather conditions are suitable for Creek inspection?

Yes

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

Yes

Tie off ropes have been inspected for wear?

Yes

Tie off ropes have been secured to a permanent structure prior to descent?

Yes

Inspection Notes:

- 1) Seep at 13, moderate to high flow, 0.5 to 0.75 gallons per minute (both locations)
- 2) Seep at 14, 0.25 gallons per minute (both locations)
- 3) Seep at 16, large spot of moisture, no visible flow
- 4) Seep at 17, large spot of moisture, no visible flow
- 5) Seep at 30, large spot of moisture, continuous flow to the creek, immesurable, movement is visible (both locations), biosheen visible
- 6) Seep at 32, large spot of moisture, continuous flow to the creek, immesuable, movement is visible (both locations)

Photos Taken?

Yes - see attached



Moderate to high
flow at 13 (0.5 to
0.75 gpm

A photograph of a garden bed. The ground is covered with dark grey gravel and brown, dried leaves. In the upper half, there are green plants with broad leaves. A red arrow points from a text box to a brown, circular object in the soil. The text box contains the text "0.25 to 0.75 gpm at 14".

0.25 to 0.75 gpm at 14



0.25 to 0.75 gpm at 14



Large spot of moisture
at 16, no visible flow

Large spot of
moisture at 16,
no visible flow,
both locations





Large spot of moisture
at 16, no visible flow

Large spot of
moisture at 17,
no visible flow,
both locations





Large spot of moisture
at 17, no visible flow

Large spot of
moisture at 30,
continuous flow to
the creek





Large spot of
moisture at 30,
continuous flow to
the creek

At 30, continuous
flow to the creek



At 30, continuous
flow to the creek,
biosheen visible



At 30, continuous
flow to the creek,
biosheen visible



Large spot of
moisture at 32,
continuous flow to
the creek



Large spot of
moisture at 32,
continuous flow to
the creek



Large spot of
moisture at 32,
continuous flow to
the creek



Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY

Monthly Creek Inspection Report

Inspection Date: 9/25/2013

Personnel: Lori Tuovila

Safety Items

Weather conditions are suitable for Creek inspection?

Yes

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

Yes

Tie off ropes have been inspected for wear?

Yes

Tie off ropes have been secured to a permanent structure prior to descent?

Yes

Inspection Notes:

- 1) Less overall flow everywhere observed today
- 2) Seep at 13, moderate flow, 0.5 gallons per minute (both locations)
- 3) Seep at 14, low to moderate flow, 0.25 gallons per minute (both locations)
- 4) Seep at 16, moisture visible, no measurable flow (both locations)
- 5) Seep at 17, moisture visible, no measurable flow (both locations)
- 6) Seep at 30, moisture visible, trickle, approximately 0.1 gallon per minute, continuous flow to creek, biosheen more visible
than yesterday (both locations)
- 7) Seep at 32, moisture visible, discontinuous puddles lead to creek, no measurable flow (both holes)

Photos Taken?

Yes - see attached

Moderate flow at
13, approximately
0.5 gpm



Moderate flow at
13, approximately
0.5 gpm



A photograph of a stream with a red arrow pointing to a specific location. The stream is surrounded by dry, brown sticks and branches. In the foreground, there are green and yellow leaves, some of which are damaged. The water is a light blue-grey color. A red arrow points from a text box in the upper right to a point in the stream. The text box contains the text: "Moderate flow at 13, approximately 0.5 gpm".

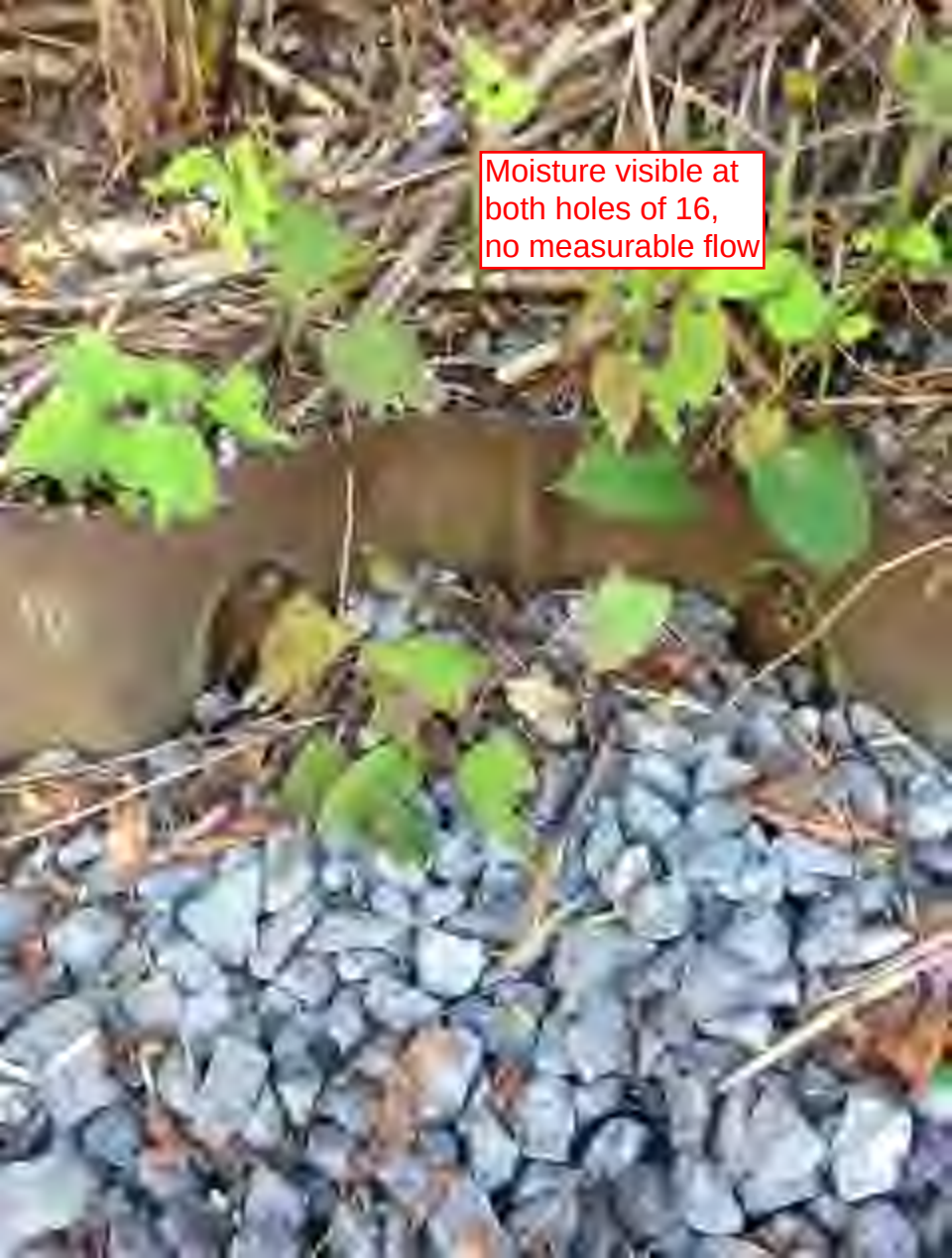
Moderate flow at
13, approximately
0.5 gpm

A photograph of a garden bed. The ground is covered with a layer of brown mulch and some green plants. A red arrow points from a text box in the upper right to a small hole in the mulch on the left side of the image. The text box contains the text: "Low to moderate flow at 14, approximately 0.25 gpm".

Low to moderate
flow at 14,
approximately
0.25 gpm

Low to moderate
flow at 14,
approximately
0.25 gpm





Moisture visible at
both holes of 16,
no measurable flow

Moisture visible at 16,
no measurable flow



A photograph showing a green leaf with some yellowing and small holes, resting on a surface of grey gravel and dry, brown plant matter. A red arrow originates from a text box on the right and points to a dark, irregular spot on the lower part of the leaf. The text box contains the text "Moisture visible at 16, no measurable flow".

Moisture visible at 16,
no measurable flow



Moisture visible at
both holes of 17,
no measurable flow

Moisture visible at
both holes of 17,
no measurable flow



Moisture visible at 17,
no measurable flow



Moisture visible at 17,
no measurable flow



Moisture visible at base
of 30, trickle observed,
approximately 0.1 gpm



Moisture visible at base
of 30, trickle observed,
approximately 0.1 gpm



Trickle to creek observed
at 30, approximately 0.1
gpm, biosheen observed



Trickle to creek observed
at 30, approximately 0.1
gpm, biosheen observed



Moisture observed at 32,
no measurable flow



Moisture observed at 32,
no measurable flow



Discontinuous puddles
from 32 to the creek, no
measurable flow



Discontinuous puddles
from 32 to the creek, no
measurable flow



Moisture visible at
both holes of 32,
no measurable flow



Moisture observed at 32,
no measurable flow



Moisture observed at 32,
no measurable flow



**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

Monthly Creek Inspection Report

Inspection Date: 9/26/2013

Personnel: Mike Reisch
Lori Tuovila

Safety Items

Weather conditions are suitable for Creek inspection?

Yes

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

Yes

Tie off ropes have been inspected for wear?

Yes

Tie off ropes have been secured to a permanent structure prior to descent?

Yes

Inspection Notes:

- 1) Seep at 13, approximately 0.25 gallons per minute (both locations)
- 2) Seep at 14, 0.10 gallons per minute (both locations)
- 3) Seep at 16, moisture apparent around both holes, not measurable
- 4) Seep at 17, moisture apparent around both holes, not measurable
- 5) Seep at 30, moisture visible around both holes, less than 0.1 gallons per minute, flow is not measurable, no continuous trickle to creek, biosheen visible near creek, moisture visible at base
- 6) Seep at 32, moisture visible around both holes and base, no measurable flow, no continuous trickle to creek

Photos Taken?

Yes - see attached

A photograph of a garden bed. The foreground is filled with a layer of grey and blue gravel. Above the gravel, there is a brown, rectangular object, possibly a planter or a piece of wood. To the left of this object, there is a red text box with white text. A red arrow points from the text box to the brown object. The background consists of green foliage and some dry, brown branches.

Seep at 13,
0.25 gpm

Seep at 13,
0.25 gpm



A photograph of a natural area with green plants and a bed of grey gravel. A red text box with the text "Seep at 13, 0.25 gpm" is positioned in the upper middle. A red arrow points from the text box to a small, dark, moist spot on the gravel, which is the seep.

Seep at 13,
0.25 gpm

Seep at 13,
0.25 gpm



Seep at 13,
0.25 gpm



Seep at 14
(both holes)
0.10 gpm

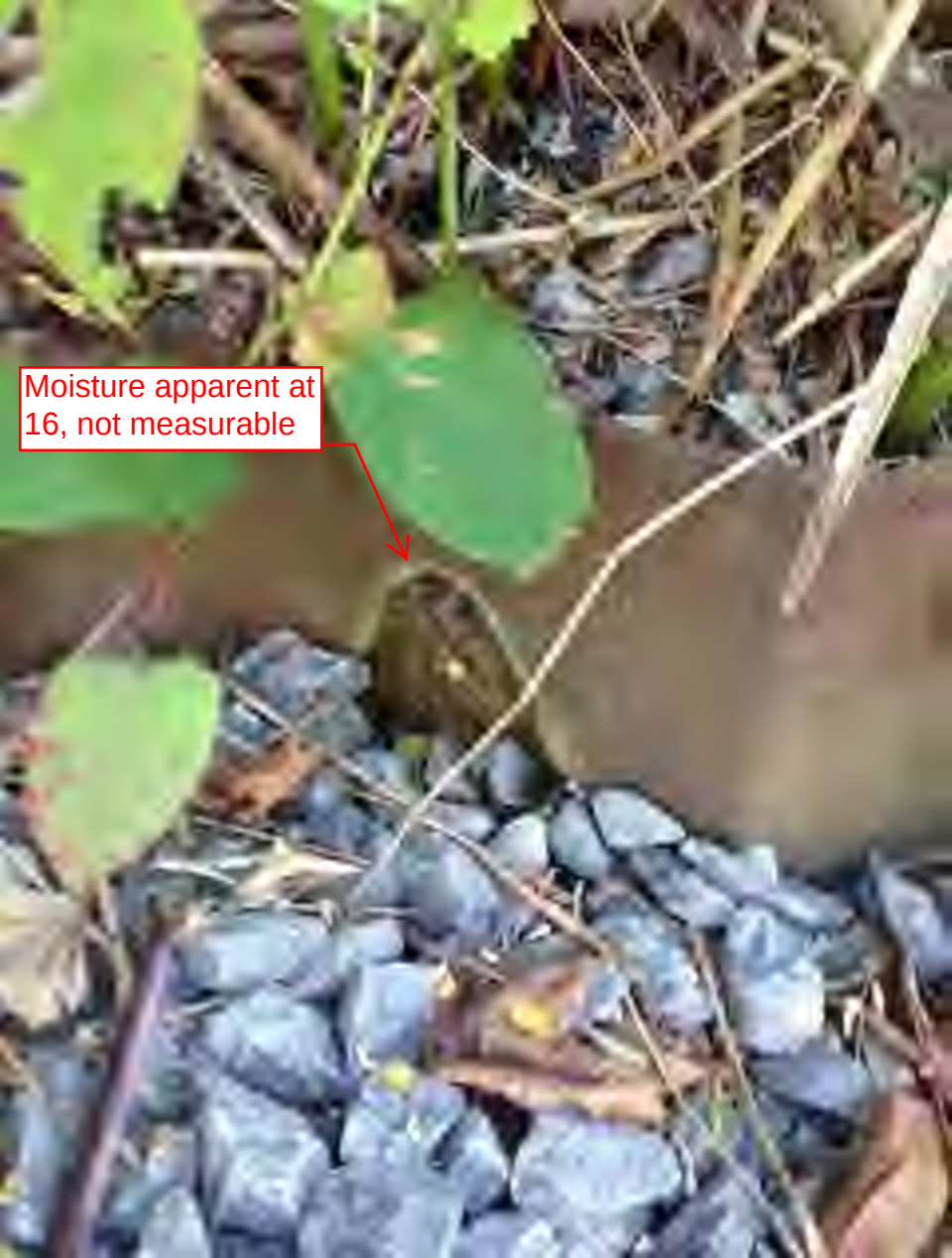


Seep at 14,
0.10 gpm



Moisture apparent at
16, not measurable





Moisture apparent at
16, not measurable

Seep at 30, no
continuous trickle
to stream



Seep at 30, no
continuous trickle
to stream,
biosheen visible
near creek



Seep at 30, no
continuous trickle
to stream



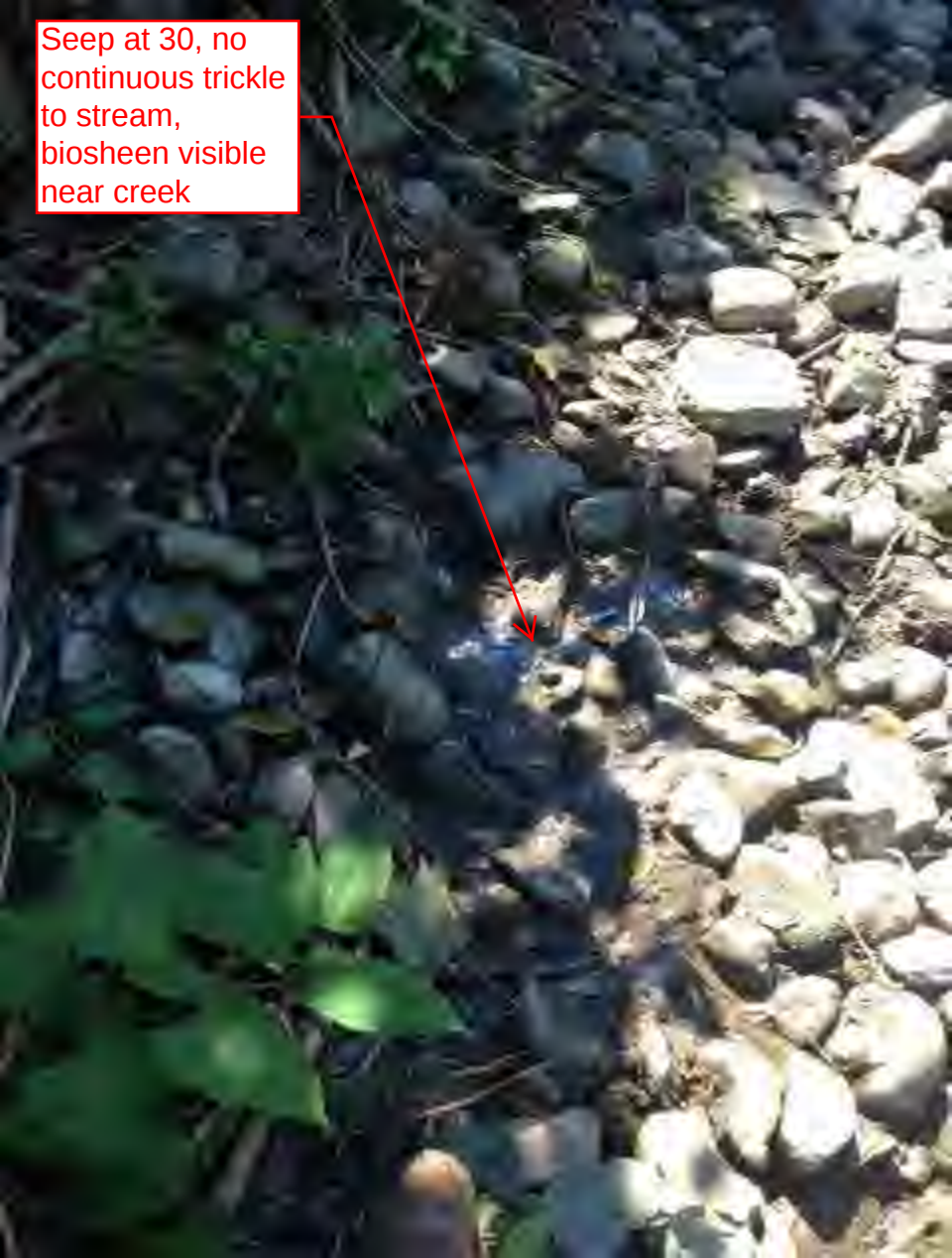
Seep at 30, no
continuous trickle
to stream



Seep at 30,
moisture at seam



Seep at 30, no
continuous trickle
to stream,
biosheen visible
near creek



Seep at 32,
moisture visible
around holes and
at base, no
measurable flow,
no continuous
trickle to stream



Seep at 32,
moisture visible
around holes and
at base, no
measurable flow



Seep at 32,
moisture visible
around holes and
at base, no
measurable flow,
no continuous
trickle to stream



Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY

Monthly Creek Inspection Report

Inspection Date: 9/27/2013

Personnel: Mike Reisch
Lori Tuovila

Safety Items

Weather conditions are suitable for Creek inspection?

Yes

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

Yes

Tie off ropes have been inspected for wear?

Yes

Tie off ropes have been secured to a permanent structure prior to descent?

Yes

Inspection Notes:

- 1) Seep at 13, trickle, less than 0.1 gallon per minute
- 2) Seep at 14, moisture visible around and beneath holes, slow tricle (barely visible), less than 0.1 gallon per minute
- 3) Seep at 16, moisture visible around holes, no measurable flow
- 4) Seep at 17, moisture visible around holes, no measurable flow
- 5) Seep at 30, moisture visible at base, no measurable flow, no evidence of flow to stream
- 6) Seep at 32, moisture visible around both holes and at base, no measurable flow, no evidence of flow to stream

Photos Taken?

Yes - see attached

Seep at 13,
trickle, 0.1 gpm



Seep at 13,
trickle, 0.1 gpm



Seep at 13,
trickle, 0.1 gpm



Moisture visible at 14 around
and beneath holes, very low
trickle, <0.1gpm



Moisture visible at 14
around and beneath
holes, very low trickle,
<0.1gpm



Moisture visible at 14
around and beneath
holes, very low trickle,
<0.1gpm



Moisture visible
around holes at 16,
no measurable flow



A photograph showing a cross-section of soil. At the top, there are green leaves and some dry plant matter. Below this is a layer of dark brown soil. A red arrow points from a text box to a dark, moist-looking area within the soil. The bottom of the image shows more soil and some green leaves.

Moisture visible at 16,
no measurable flow



Moisture visible at 16,
no measurable flow

Moisture at holes
visible at 17, no
measurable flow



Moisture visible at 17,
no measurable flow



Moisture visible at 17,
no measurable flow



Moisture visible at
base at 30, no
measurable flow



Moisture visible at
base at 30, no
measurable flow



Moisture visible at base
and holes at at 32, no
measurable flow



Moisture visible at base
and holes at at 32, no
measurable flow



Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY

Monthly Creek Inspection Report

Inspection Date: 10/2/2013

Personnel: Mike Reisch

Safety Items

Weather conditions are suitable for Creek inspection?

Yes

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

Yes

Tie off ropes have been inspected for wear?

Yes

Tie off ropes have been secured to a permanent structure prior to descent?

Yes

Inspection Notes:

- 1) Seep at 13, approximately 200 mL per minute
- 2) Seep at 16, less than 50 mL per minute
- 4) Seep at 17, moisture only detected around holes
- 3) Seep at 30, verly slow, water movement barely detectable
- 4) Seep at 32, moisture only detected around holes

Photos Taken?

Yes - see attached



Seep at 13
approximately 200
mL per minute



Seep at 13
approximately 200
mL per minute,
moisture at base



No moisture
observed at 14



No moisture
observed at 14



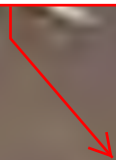


No moisture
observed at 14

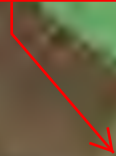
Seep at 16, 50 mL
per minute



Seep at 16, 50 mL
per minute



Seep at 16, 50 mL
per minute



Slight moisture observed at
17 from one hole, no flow



No moisture
observed at 17



A photograph of a small stream or ditch. The water is dark and still. The banks are covered with dry leaves, twigs, and some green plants. A red arrow points from a text box to a spot on the right bank. The text box contains the text "Slight moisture observed at 17, no flow".

Slight moisture
observed at 17,
no flow

A photograph of a garden bed. In the foreground, there is a layer of mulch consisting of small grey stones, dried leaves, and some green weeds. In the background, there are green leafy plants. A red arrow originates from a text box and points towards a small green plant on the right side of the mulch bed.

Moisture detected,
water movement
barely detectable
at 30

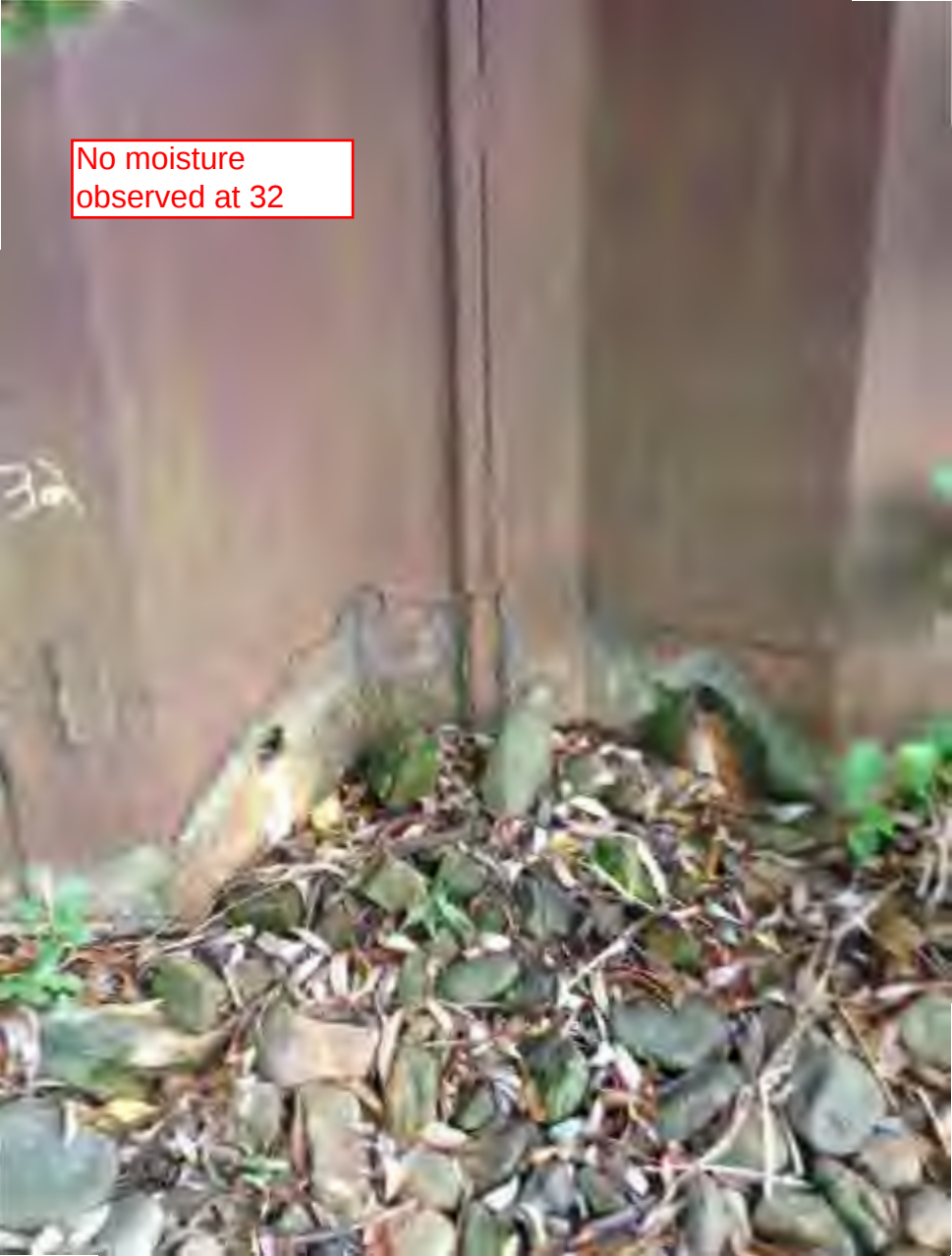
Moisture detected,
water movement
barely detectable
at 30



Water movement
barely detectable at
30



No moisture
observed at 32



No moisture
observed at 32



**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

Monthly Creek Inspection Report

Inspection Date: 10/3/2013

Personnel: Lori Tuovila

Safety Items

Weather conditions are suitable for Creek inspection?

Yes

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

No

Tie off ropes have been inspected for wear?

NA

Tie off ropes have been secured to a permanent structure prior to descent?

NA

Inspection Notes:

- 1) Seep at 13, water exiting both holes, approximately 0.5 gallon per minute (both locations)
- 2) Seep at 14, water exiting both holes, approximately 0.1 gallon per minute (both locations)
- 3) Seep at 16, moisture visible around and within both holes, no measurable flow
- 4) Seep at 17, moisture visible around one hole, exit location, no measurable flow
- 5) Seep at 30, moisture visible at base, small amount of biosheen visible, trickle visible along exit hole to stream, flow not measurable
- 6) Seep at 32, moisture visible around base at both sides, no visible moisture at north hole, moisture visible around south hole

Photos Taken?

Yes - see attached



Seep observed at both
holes, approximately 0.5
gpm

Seep observed at
13, approximately
0.5 gpm



Water observed,
approximately 0.1 gpm



Water observed,
approximately 0.1 gpm



**Iroquois Gas/Westwood Pharm
100 Forest Avenue, Buffalo, NY**

Monthly Creek Inspection Report

Inspection Date: 10/4/2013

Personnel: Lori Tuovila

Safety Items

Weather conditions are suitable for Creek inspection?

Yes

Creek level is low enough where there is sufficient walking room between sheet pile wall and Creek level?

Yes

Tie off ropes have been inspected for wear?

Yes

Tie off ropes have been secured to a permanent structure prior to descent?

Yes

Inspection Notes:

- 1) Seep at 13, water exiting both holes, water running heavily at both locations, approximately 1 gallon per minute
- 2) Seep at 14, steady flow at both locations, approximately 0.5 to 0.7 gallon per minute
- 3) Seep at 16, flow at both locations, 0.25 gallons per minute
- 4) Seep at 17, trickle visible at both locations, 0.1 gallons per minute
- 5) Seep at 30, trickle visible, extending to creek, no biosheen visible, less than 0.1 gallon per minute
- 6) Seep at 32, trickle visible, extending from base to creek, 0.5 gallon per minute

Photos Taken?

Yes - see attached

Flow approximately
1 gpm at 13



13

Flow approximately
1 gpm at 13





Flow approximately
1 gpm at 13

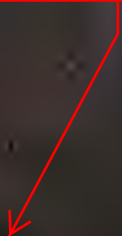
Approximately 0.5
to 0.75 gpm at 14,
both locations



Approximately 0.5
to 0.75 gpm at 14



Approximately 0.5
to 0.75 gpm at 14



Approximately 0.25
gpm at 16, both
locations



Approximately
0.25 gpm at 16



A photograph of a small stream or ditch. The water is dark and still. On the left bank, there are green leaves and some brown twigs. On the right bank, there are dark grey rocks and some dry leaves. A red arrow points from a text box to the water in the center of the stream.

Approximately
0.25 gpm at 16

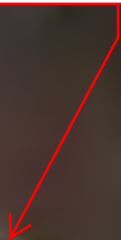
A photograph showing a green leaf in the upper left and a small insect on the ground in the lower center. A red arrow points from a text box to the insect. The ground is covered with dark blue/black mulch and some dry leaves. The text box is white with a red border and contains the text "Approximately 0.25 gpm at 16".

Approximately
0.25 gpm at 16

A photograph of a green leaf, likely from a plant, showing signs of damage. A red arrow points from a text box to a small, irregular hole on the leaf's surface. The background consists of dark, moist soil and some dry, brown plant matter.

Approximately
0.25 gpm at 16

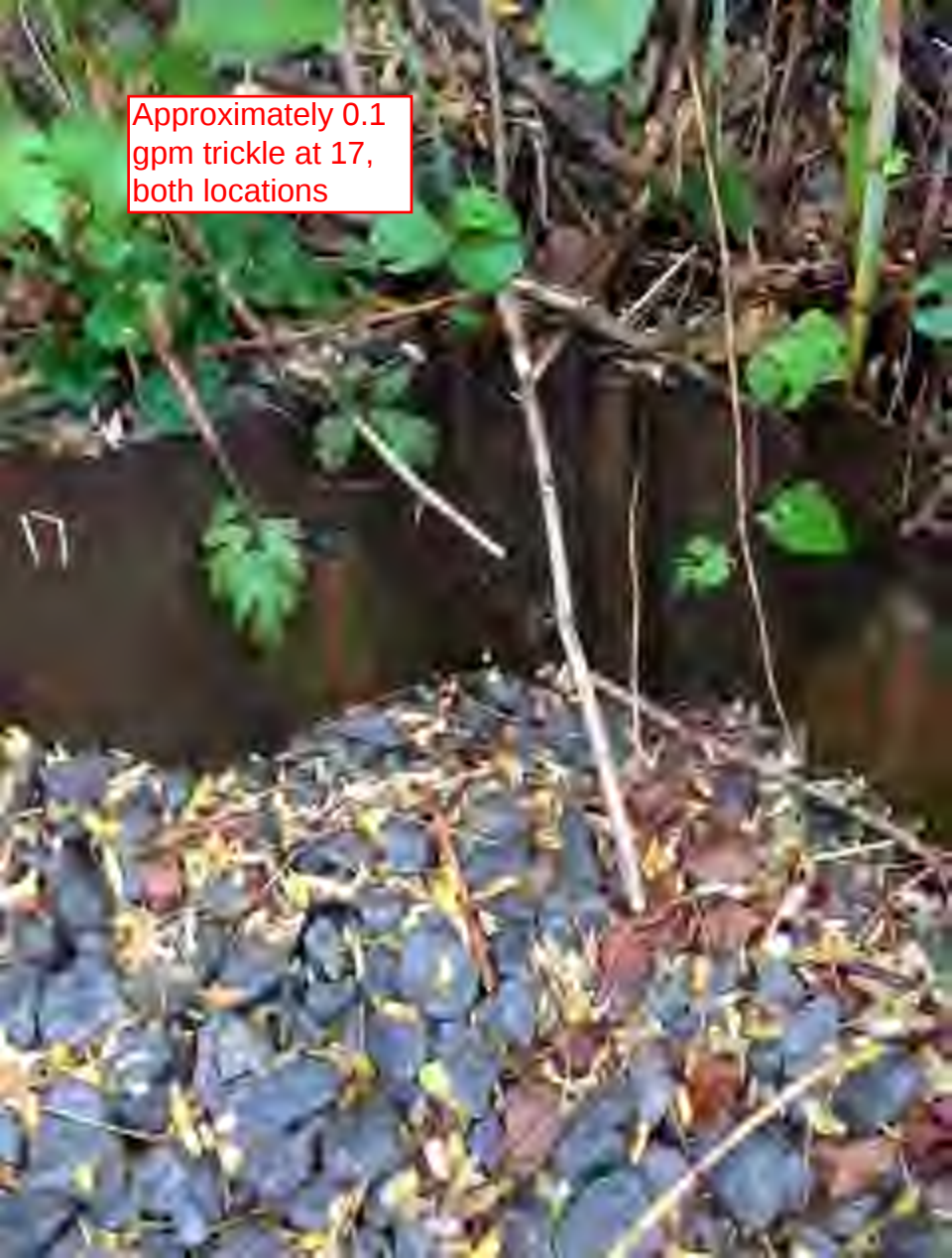
Approximately
0.25 gpm at 16



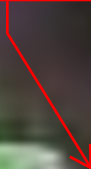
Approximately 0.1
gpm trickle at 17,
both locations



Approximately 0.1
gpm trickle at 17,
both locations



Approximately 0.1
gpm trickle at 17



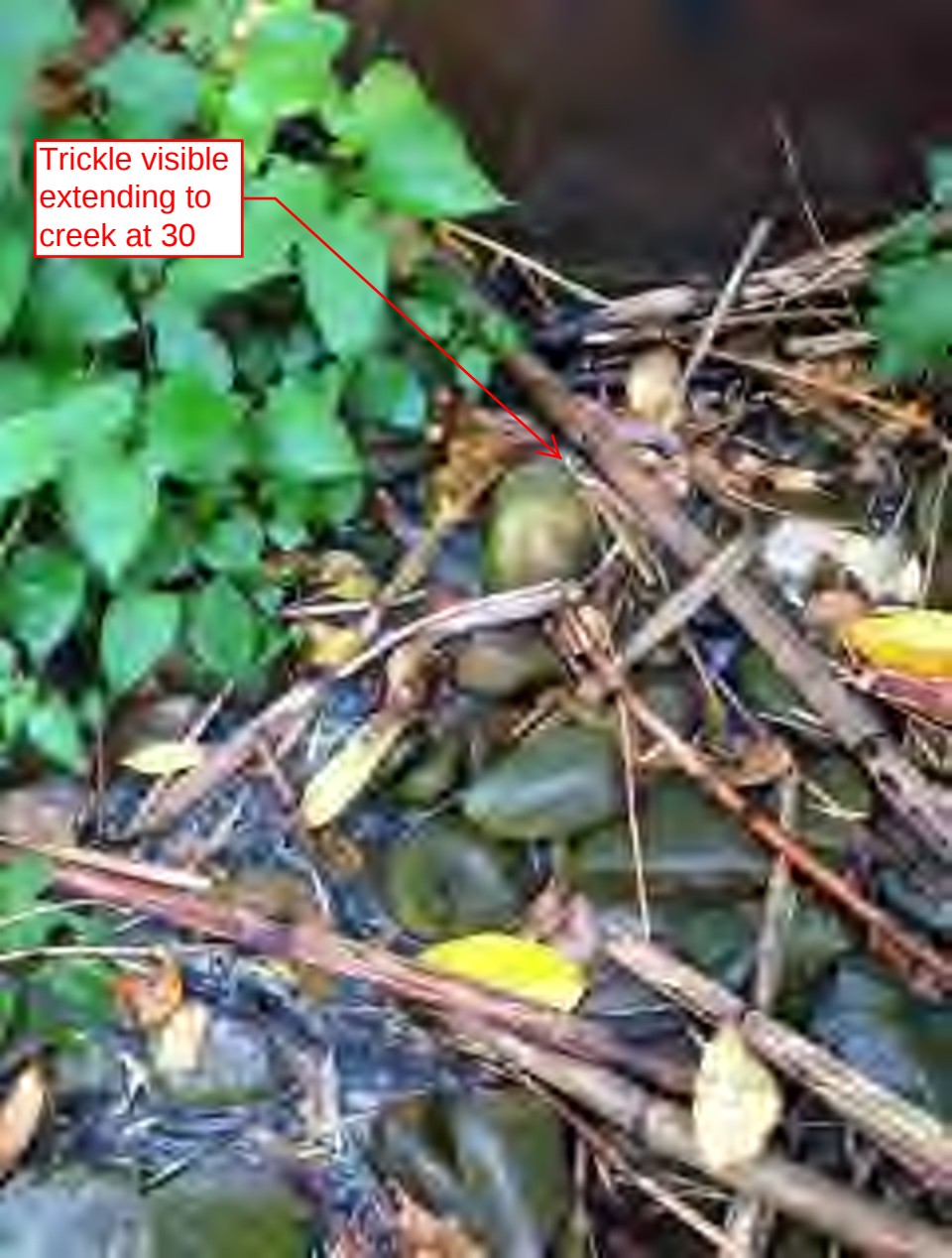
Approximately 0.1
gpm trickle at 17



A photograph of a stream bed. The water is dark and flows over a bed of grey and brown rocks. The banks are covered with green vegetation, including small leafy plants and larger green leaves. A red arrow points from a text box in the upper right to a small, clear trickle of water flowing over a rock in the center of the stream bed.

Trickle visible
extending to
creek at 30,
from both
locations

Trickle visible
extending to
creek at 30



Trickle visible
extending
from base to
creek at 32



Trickle visible
extending
from base to
creek at 32



Trickle visible
extending
from base to
creek at 32

