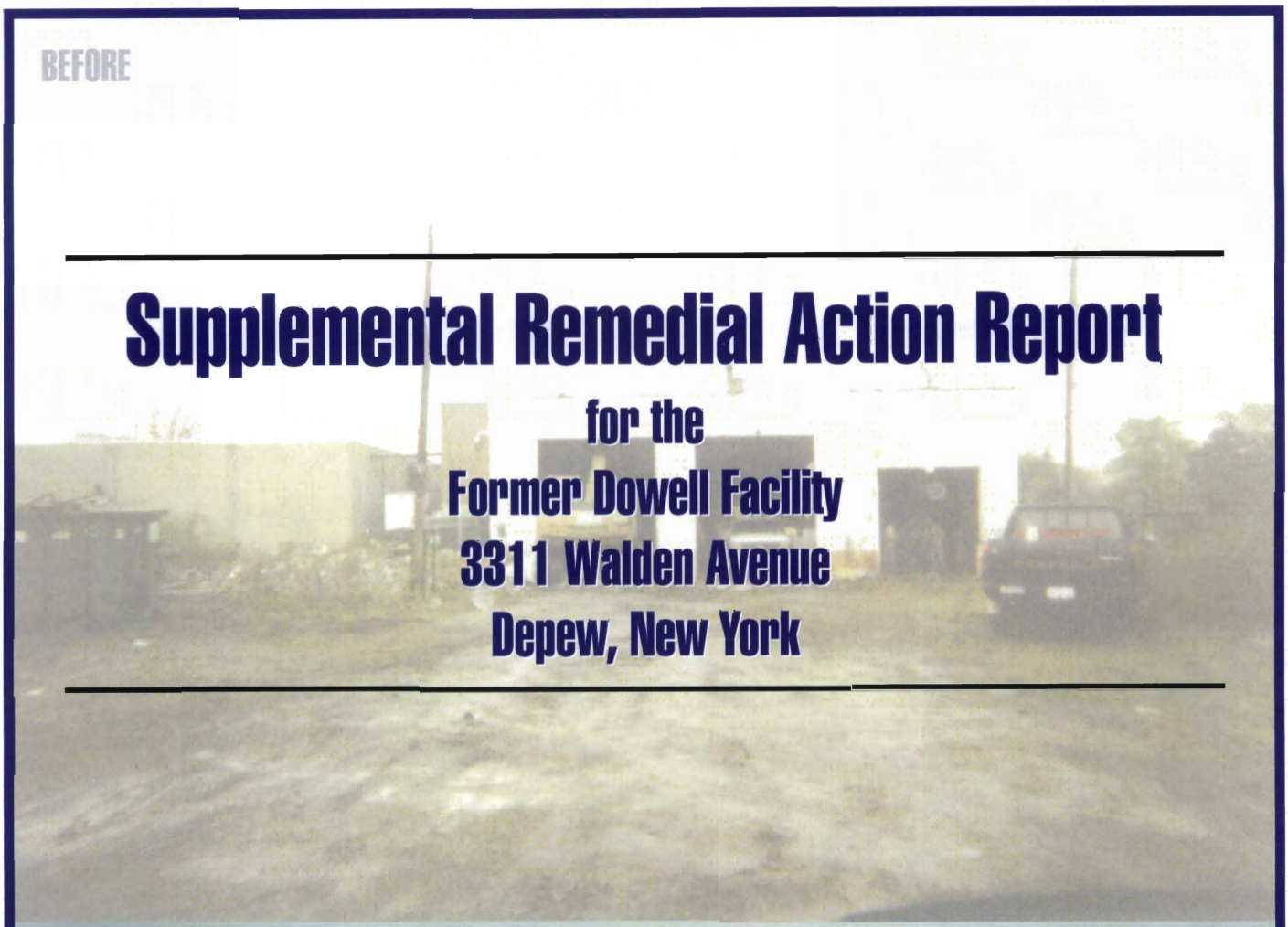

Supplemental Remedial Action Report

for the
Former Dowell Facility
3311 Walden Avenue
Depew, New York

prepared for:

Volunteers

Dowell, a Division of Schlumberger Technology Corporation
Dowell Schlumberger Incorporated
The Dow Chemical Company
(VCA INDEX NO. B9-0586-00-10)

prepared by:

URS Corporation
77 Goodell Street
Buffalo, New York 14203

September 2010

G3957K

SUPPLEMENTAL REMEDIAL ACTION REPORT

FOR THE

FORMER DOWELL FACILITY
3311 WALDEN AVENUE
DEPEW, NEW YORK

Prepared for:

VOLUNTEERS
DOWELL, A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
DOWELL SCHLUMBERGER INCORPORATED
THE DOW CHEMICAL COMPANY
(VCA INDEX NO. B9-0586-00-10)

Prepared by:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NEW YORK 14203

SEPTEMBER 2010

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APPENDICES

ENGINEER CERTIFICATION

I Jack Wilcox certify that I am currently a NYS registered professional engineer, I had primary direct responsibility for the URS personnel overseeing implementation of the subject construction program, and I certify that the Remedial Work Plan was implemented and that all construction activities were completed in substantial conformance with the DEC-approved Remedial Work Plan.

The data submitted to the DEC demonstrates that the remediation requirements set forth in the Remedial Work Plan and applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established in the work plan.

All use restrictions, institutional controls, engineering controls and/or any operation and maintenance requirements applicable to the site are contained in a declaration of covenants and restrictions created and filed with the clerk of the County in which the site is located.

A Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of any engineering controls employed at the site including the proper maintenance of any remaining monitoring wells, and that such plan has been approved by the DEC.

1.0 INTRODUCTION

Dowell, a Division of Schlumberger Technology Corporation, the Dow Chemical Company and Dowell Schlumberger Incorporated (the Volunteers) completed a remedial action at the former Dowell facility located at 3311 – 3315 Walden Avenue in Buffalo, New York (Figure 1-1). This work was performed under the Voluntary Cleanup Agreement (VCA) between the Volunteers and the New York State Department of Environmental Conservation (NYSDEC) (VCA Index No. B9-0586-00-10).

The remedial action was completed in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP) prepared by URS Corporation (URS), dated April 2003. The work outlined in the RAWP was performed at the site between October 2003 and May 2004 and included asbestos abatement, building/structure demolition, contaminated soil excavation/disposal, monitoring well removal/installation and site restoration. A comprehensive summary of the remedial activities completed at the facility during this period is presented in, "*Remedial Action Report for the Former Dowell Facility*" prepared by URS, dated July 2004.

Since completion of the Remedial Action, a number of supplemental remedial activities have been performed at the Site, including:

- Filing of a Declaration of Covenants and Restrictions
- Off-site Groundwater Sampling
- Remediation of MW-6S/6D
- Quarterly groundwater monitoring
- Development of Site Management Plan (SMP)

This report presents a summary of these activities and serves as the Final Engineering Report for the site.

2.0 SUPPLEMENTAL REMEDIAL ACTIVITIES

2.1 Declaration of Covenants and Restrictions

As required by the RAWP and the VCA, Schlumberger Technology Corporation filed a Declaration of Covenants and Restrictions for the site with the Erie County Clerk's office on June 22, 2005. A copy of the document is contained in Appendix A.

In general, the covenants include:

- Limitation on future use of the site to restricted industrial use
- Implementation of the O&M Plan
- No intrusive activities which result in unacceptable human exposure to contaminated soils
- No use of groundwater without proper treatment
- Annual reporting
- Covenants shall run with the property and are binding on future owners.

2.2 Off-Site Groundwater Sampling

2.2.1 General

Following completion of the remedial action in May 2004, a long-term monitoring program was instituted in accordance with the RAWP, and included quarterly groundwater sampling of the on-site monitoring wells and the collection of groundwater elevations from the monitoring wells and piezometers. At the end of 2007, the monitoring results indicated that the volatile organic compound (VOC) concentrations in groundwater at the site had fallen below the applicable standards, criteria and guidance (SCG) values in all of the on-site monitoring wells with the exception of monitoring

wells MW-06S and MW-06D (Figure 2-1). The concentrations of 1,1-dichloroethane, 1,1-dichloroethene, and 1,1,1-trichloroethane in monitoring well MW-06S and/or monitoring well MW-06D remained above the SCG values. Monitoring well MW-06S, which is screened in the shallow aquifer, and MW-06D, which is screened in the deep aquifer, are located at the north side of the site relatively close to Walden Avenue.

Historic groundwater elevation data had shown that groundwater in both the shallow and deep aquifers typically flows to the north-northwest (Figure 2-1). The NYSDEC and the New York State Department of Health (NYSDOH) were concerned that the VOCs in the vicinity of monitoring wells MW-06S and MW-06D may be migrating off-site, and that residential properties on the north side of Walden Avenue could potentially be impacted by VOCs volatilizing from the groundwater. Consequently, the NYSDEC requested that a limited subsurface investigation be conducted on the north side of Walden Avenue between Lincoln Street and Brewster Street to confirm that VOCs were not present in the groundwater.

On April 17, 2008, a limited subsurface investigation, which consisted of installation of three soil borings, screening of soil samples for VOCs and, collection/analysis of groundwater samples for Target Compound List (TCL) VOC analysis, was conducted on the north side of Walden Avenue between Lincoln Street and Brewster Street by URS.

2.2.2 Site Investigation Activities

URS contracted Nature's Way Environmental Contractors and Consultants, Inc. (NWECC) of Crittenden, New York, to install the soil borings and temporary pizometers. Prior to drilling, NWECC contacted the Underground Utilities Protection Organization (UFPO) to clear the proposed drill site of any buried utilities. The investigation was conducted on April 17, 2008.

NWECC utilized a truck-mounted, Geoprobe™ 5400 direct push unit to install three boreholes (BH-01, BH-02 and BH-03) on the north side of Walden Avenue between Lincoln Street and Brewster Street (Figure 2-1). Photographs of the locations are included in Appendix B-1. Continuous soil samples were collected using a four-foot long Macrocore sampler equipped with single-use acetate liners. At four-foot intervals NWECC retrieved the Macrocore sampler and

removed and opened the acetate liner. URS used a MiniRAE™ photoionization detector (PID) to screen the soil for volatile organic vapors. The soils were also examined for visual and/or olfactory evidence of contamination and to determine the presence/depth of groundwater.

The borings were advanced to a depth of 20 - 24 feet below ground surface (bgs) to ensure they were below the typical groundwater surface (i.e. 10 – 12 feet, bgs). Following completion, a 5-foot long section of 1-inch diameter, schedule 40, slotted PVC screen was installed in the boring. A solid PVC riser pipe was extended to about 3-feet above the ground surface. No sand pack, bentonite seals or grout were utilized in construction of these piezometers, as they were only intended for temporary use. The primary intent of the PVC pipe was to keep the boring open long enough for samples of the groundwater to be collected for analysis. Copies of the Test Boring Logs are contained in Appendix B-2.

The piezometers were monitored periodically with a water level indicator to determine the depth to groundwater at each location. Once the groundwater levels had stabilized (about 12.5 feet bgs), URS collected a groundwater samples from each of the three piezometers. A single-use high density polyethylene (HDPE) 0.7-inch diameter bailer was lowered into each of the temporary piezometers and a sample of the groundwater removed. The samples were placed in pre-cleaned, labeled, laboratory bottles and placed in an ice-filled shipping cooler and forwarded to Adirondack Environmental Services, Inc. in Albany, New York under proper chain-of-custody for analysis of Target Compound List (TCL) VOCs. A copy of the field notes is contained in Appendix B-3.

Following completion of the drilling and groundwater sampling the PVC piezometers were removed from the borings and disposed. A mixture of soil from the macro-core samples and bentonite chips was used to backfill the borings to the ground surface. Some minor rutting caused by the truck tires was backfilled with topsoil and graded by hand to restore the original ground surface. The area was then seeded and raked.

2.2.3 Analytical Results

The analytical data for the three samples are contained in Appendix B-4. The groundwater sample analytical results were compared to the standards, criteria and guidance (SCGs) values

outlined in the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1: *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations,* June 1998. The SCGs are as follows:

Volatile Compounds	SCG (µg/L)*		Volatile Compounds	SCG (µg/L)*
1,1-Dichloroethane	5		1,1,1-Trichloroethane	5
1,1-Dichloroethene	5		1,2-Dichloroethene	5
Acetone	50		Total VOCs	NS

* µg/L = micrograms per liter

The results of this comparison indicated the following:

- No VOCs, with the exception of acetone, were detected in groundwater at concentrations above the quantitation limits in any of the three boreholes.
- Low concentrations of acetone were detected in BH-01 (64 µg/L), BH-02 (56 µg/L), and BH-03 (92 µg/L). These concentrations exceed the SCG for acetone of 50 µg/L. However, acetone is not a chemical of concern at the site and is a common laboratory contaminant.

2.2.4 Conclusions and Recommendations

Conclusions

Based on the analytical results, the following conclusions were reached:

- There were no detectable levels of VOCs present in the groundwater samples collected from boreholes BH-01, BH-02, and BH-03 at concentrations that exceed the SCG values with the exception of acetone.
- Acetone has not been detected historically in groundwater samples collected from monitoring wells on the site, and is not a chemical of concern for this study. Additionally, acetone is a common laboratory contaminant. Consequently, the results most likely are not indicative of actual field conditions.

- Since no chlorinated VOCs were detected in the three groundwater samples on the North side of Walden Avenue, downgradient of the site, it appears that the chlorinated solvents associated with groundwater at the site have not migrated across Walden Avenue. Consequently, there is no potential for volatilization of chlorinated VOCs from the groundwater resulting in vapor intrusion to the residences on the North side of Walden Avenue.

Recommendations

Based on the findings of the subsurface investigation on the north side of Walden Avenue between Lincoln Street and Brewster Street, no further off-site investigations are considered necessary.

2.3 Remediation of MW-6S/6D

2.3.1 General

The quarterly analytical data from May 2004 through the end of 2008 (Table 2-1) has shown that:

- Three VOCs have typically been present at concentrations that exceed the SCGs at monitoring well MW-06S: 1,1-DCE from below detection limits to 470 µg/L, 1,1-DCA from 170 µg/L to 13,000 µg/L and 1,1,1-TCA from 190 µg/L to 1,300 µg/L.

- Two VOCs have typically been present at concentrations that exceed the SCGs at monitoring well MW-06D: 1,1- DCA from 230 µg/L to 22,000 µg/L and 1,1,1-TCA from below detection limits to 1,200 µg/L.

Based on the analytical data, it was concluded that there was likely a localized residual source of chlorinated solvents in the soils and/or groundwater in the immediate vicinity of monitoring wells MW-06S and MW-06D. In order to complete the remedial activities at the site and complete the project, the NYSDEC requested that an alternatives analysis be performed to determine what, if any, additional measures were required to address the area surrounding monitoring wells MW-06S and MW-06D.

An alternatives analysis was conducted and concluded that in situ chemical oxidation (ISCO) was considered the most applicable, well-developed, and cost-effective technology for treating VOCs in soil and groundwater in the primary source area around monitoring wells MW-06S and MW-06D since this technology relies on chemical reactions rather than biological processes to degrade the VOCs.

2.3.2 Injection Well Installation

Prior to using ISCO to reduce the concentrations of VOCs in the immediate vicinity of monitoring wells MW-06S and MW-06D, six injection wells were installed in an arc approximately five feet up-gradient of monitoring wells MW-06S and MW-06D (Figure 2-2). Three of the injection wells (IW-01S, IW-02S, and IW-03S) were screened in the 5.0- to 20.0-foot interval (the upper water-bearing zone) and three of the injection wells (IW-04D, IW-05D, and IW-06D) were screened in the 20.0- to 30.0-foot interval (the deep water-bearing zone). At the request of the NYSDEC, the location of injection well IW-06D was moved west-northwest of monitoring well MW-06D.

Borehole Drilling

During the period of June 2-4, 2009, NWECC advanced three boreholes (IW-01S, IW-02S and IW-03S) to 20 feet below ground surface (bgs) and three boreholes (IW-04D, IW-05D and IW-06D) to 30 feet bgs using 6.25-inch hollow stem augers (HSAs). Continuous split spoon samples were collected in IW-01S from 2.0 feet bgs to 20.0 feet bgs and in IW-04D from 20.0 feet bgs to 30.0 feet bgs. The soils were logged to determine the stratigraphy, visually examined for staining or discoloration, and screened with a MiniRAE™ photoionization detector (PID) to identify any zones with elevated volatile organic vapors. Particular attention was given to zones exhibiting higher permeability (i.e. more sand content), visual or olfactory evidence of contamination, and/or elevated volatile organic vapors. No chemical staining or discoloration was observed and no elevated PID readings were recorded in any of the split spoon samples or in any drill cuttings. Bedrock was encountered at approximately 30 feet bgs in boreholes IW-05D and IW-06D.

Copies of the Test Boring Logs for injection wells IW-01S and IW-04D are provided in Appendix C-1 and copies of the field notes are provided in Appendix C-2.

Subsurface Soil Sampling

A subsurface soil sample was collected from the 15.0- to 15.5-foot interval in borehole IW-03S, and from the 25.0- to 25.5-foot interval in borehole IW-04D. Both samples were shipped to Adirondack Environmental Services, Inc. (AES) in Albany, New York under chain-of-custody for Target Compound List (TCL) volatile organic compound (VOC) analysis by EPA Method 8260C. Copies of the analytical report are provided in Appendix C-3.

Installation of Injection Wells

Iinjection wells IW-01S, IW-02S, and IW-03S were constructed using 15 feet of two-inch inside diameter (ID) Schedule 40 polyvinyl chloride (PVC) screen with 0.010-inch slots and eight feet of two-inch ID Schedule 40 PVC riser. A sand pack consisting of 00N silica well sand was emplaced around and at least one foot above the screen as the HSAs were withdrawn. A minimum two feet thick bentonite seal was placed on top of the sand pack and hydrated. The remainder of the borehole was backfilled with a cement/bentonite grout to the ground surface. A four-inch ID PVC protective casing equipped with a locking cap was installed around injection wells IW-01S, IW-02S, and IW-03S to complete the installation.

The three deep injection wells (IW-04D, IW-05D and IW-06D) were constructed using ten feet of two-inch ID Schedule 40 PVC screen with 0.010-inch slots and 23 feet of two-inch ID Schedule 40 PVC riser. The remainder of the installation was the same as for the shallow injection wells.

Copies of the Injection Well Construction Details are presented in Appendix C-4 and copies of the field notes are provided in Appendix C-2.

Development of Injection Wells

The cement/bentonite grout was allowed to set up a minimum of 24 hours prior to developing the injection wells. Prior to development, the volume of water in each injection well was

calculated. A single-use, 1.6-inch outside diameter (OD) high density polyethylene (HDPE) weighted bailer was then used to remove a minimum of three well volumes of water from each injection well. The development water was containerized in 55-gallon drums pending off-site disposal. Samples of the development water were collected during well development and field tested for pH, conductivity, turbidity, and temperature. Copies of the Well Development Logs are presented in Appendix C-5.

During development it was observed that the water level in IW-02S dropped slightly (approximately 0.36 feet) during the development of IW-01S, and that the water level in IW-03S dropped significantly (approximately 2.75 feet) during development of IW-02S.

To determine if the injection wells were hydraulically connected to monitoring well MW-06S and MW-06D, a modified pump test was conducted on June 16, 2009 as follows:

- Water was removed from injection well IW-02S and the change in the water level in monitoring well MW-06S was recorded.
- Water was removed from injection well IW-04D and the change in the water level in monitoring well MW-06D was recorded.

The modified pump test disclosed that the water levels in both monitoring wells MW-06S and MW-06D started decreasing within one hour after the start of the modified pump tests.

Sampling of Monitoring Wells MW-06S and MW-06D and Injection Wells

Representative groundwater samples were collected from monitoring wells MW-06S and MW-06D and injection wells IW-01S, IW-03S, IW-05D, and IW-06D. Groundwater samples were not collected from injection wells IW-02S and IW-04D.

Low-flow sampling procedures were utilized to purge the monitoring wells and the injection wells, and then to collect groundwater samples once purge parameters (e.g., pH, temperature, conductivity, etc.) had stabilized. The samples were placed in an ice-filled shipping cooler and forwarded to Adirondack Environmental Services, Inc. in Albany, New York under proper chain-of-

custody for analysis. All of the groundwater samples were analyzed for TCL VOCs by Method 8260C. Copies of the low-flow groundwater purging and sampling logs are contained in Appendix C-5 and a copy of the field notes is contained in Appendix C-2.

2.3.3 Analytical Results

Soil Analysis

The analytical data for the two sub-surface soil samples are summarized in Table 2-2 and contained in Appendix C-3. The soil sample analytical results were compared to the restricted use soil cleanup objectives (SCOs) for commercial uses listed in Title 6 New York Code Rules and Regulations, Section 375-6.8(b) [6 NYCRR 375-6.8(b)]. The SCOs are as follows:

Volatile Compounds	SCO (mg/kg)*	Volatile Compounds	SCO (mg/kg)*
1,1-Dichloroethane (1,1-DCA)	240	1,1,1-Trichloroethane (1,1,1-TCA)	500
1,1-Dichloroethene (1,1-DCE)	500	1,2-Dichloroethene (1,2-DCE)	30
Total VOCs	500		

* mg/kg = milligrams per kilogram

The results indicated the following:

- **IW-03S** - Of the two VOCs that were present in the soil sample above detection limits, none of the detected VOCs were present at concentrations that exceeded the restricted commercial use SCOs.

- **IW-04D** - No VOCs were present above the reporting limits.

Groundwater Analyses

The analytical data for the groundwater samples are summarized in Table 2-3 and contained in Appendix C-3. The groundwater sample analytical results were compared to the SCGs outlined in Section 2.2.3.

The results of this comparison indicated the following:

- **IW-01S** - Three VOCs were present at concentrations that exceeded the SCGs: 1,1-DCA at 5,100 µg/L, 1,1-DCE at 460 µg/L, and 1,1,1-TCA at 580 µg/L.
- **IW-03S** - Three VOCs were present at concentrations that exceeded the SCGs: 1,1-DCA at 320 µg/L, 1,1-DCE at 810 µg/L, and 1,1,1-TCA at 1,700 µg/L.
- **IW-05D** - Three VOCs were present at concentrations that exceeded the SCGs: 1,1-DCA at 780 µg/L, 1,1-DCE at 59 µg/L, and 1,1,1-TCA at 140 µg/L.
- **IW-06D** – One VOC was present at a concentration that exceeded the SCGs: 1,1-DCA at 1,400 µg/L.
- **MW-06S** - Three VOCs were present at concentrations that exceeded the SCGs: 1,1-DCA at 440 µg/L, 1,1-DCE at 260 µg/L, and 1,1,1-TCA at 460 µg/L.
- **MW-06D** - Two VOCs were present at concentrations that exceeded the SCGs: 1,1-DCA at 16,000, and 1,1,1-TCA at 550 µg/L.

Based on the analytical results, two VOCs were present in the subsurface soil sample collected from the 15.0- to 15.5-foot interval from IW-03S. However, the detected VOCs were not present at concentrations that exceeded the restricted commercial use SCOs.

Based on the analytical results, some VOCs were present in groundwater samples from MW-06S, MW-06D, IW-01S, IW-03S, IW-05D and IW-06D at concentrations that exceed the SCGs.

2.3.4 Injection Program

Following installation of the injection wells, a program to routinely purge monitoring wells MW-06S and MW-06D and concurrently inject a solution of eight percent (8%) hydrogen peroxide and sodium persulfate into the six injection wells was implemented. In general, groundwater was removed from MW-06S and MW-06D using a small submersible pump. A solution of persulfate and hydrogen peroxide mixed in the ratio of one pound of persulfate to one gallon of hydrogen peroxide was prepared and poured into the injection wells. The fluid levels in the injection wells were

maintained near the ground surface to create a positive vertical gradient within the wells. Samples of the purge water from monitoring wells MW-06S and MW-06D were periodically tested on site for temperature and dissolved oxygen to determine if the ISCO program was impacting the groundwater entering the monitoring wells (i.e. increased levels of dissolved oxygen).

During the period from August 6, 2009 to September 4, 2009 a total of 257.55 gallons of hydrogen peroxide/persulfate was introduced into the injection wells, 133.65 gallons of purge water was removed from monitoring well MW-06S, and 110.50 gallons of purge water was removed from monitoring well MW-06D. Injections typically were conducted 2 - 3 times per week during this period.

Over the same period the dissolved oxygen levels in the purge water removed from monitoring well MW-06S increased from 9.10 mg/L to 35.74 mg/L while the dissolved oxygen levels in the purge water removed from monitoring well MW-06D increased from 4.90 mg/L to 16.47 mg/L.

It was agreed with the Department to halt any additional injections until the impact of the initial injections was assessed. On September 15, 2009 groundwater samples were collected from MW-6S/6D and MW-7S/7D and analyzed for VOCs. The concentration of 1,1-DCA had increased in MW-6S from 440 mg/L in June to 9900 mg/L (this is still within historical range of values). In MW-6D, the concentration of 1,1-DCA decreased from 16000 mg/L in June to 4700 mg/L. The concentrations of the other two typical contaminants (i.e. 1,1,1-TCA and 1,1,-DCE) observed in these wells historically were the same or non-detect. No VOCs were detected in MW-7S/7D (downgradient).

Based on the analytical results, injection of peroxide/persulfate was resumed on October 5 and continued through November 24, 2009 at the rate of 2 - 3 injections per week. During this period an additional 119.0 gallons of hydrogen peroxide/persulfate was introduced into the injection wells, 107.75 gallons of purge water was removed from monitoring well MW-06S, and 118.25 gallons of purge water was removed from monitoring well MW-06D. As agreed with the Department, the injections were discontinued effective November 25, 2009. The remaining peroxide (est'd to be 100 - 120 gallons) was poured into wells RW-01/RW-02 located in the former excavated area to polish low levels of VOCs observed in the grounwater in these wells. The

persulfate had all been used up in the injection wells. A complete injection summary is provided in Table 2-4.

2.3.5 Demobilization Activities

Following completion of the ISCO activities, all the equipment and materials were removed from the site. A sample of the purge water from monitoring wells MW-6S/6D that had been containerized in a 450-gallon poly tank and a 55-gallon drum, was collected and analyzed for disposal characteristics. Subsequently, NWECC vacuumed approximately 463 gallons of purge water from the poly tank and 55-gallon drum and transported it to CWM Chemical Services, LLC in Model City, New York for treatment and disposal. A copy of the analytical data is contained in Appendix C-3, and the non-hazardous material manifest is presented in Appendix C-6.

2.4 Groundwater Monitoring

2.4.1 General

Following completion of the remedial action in May 2004, a long-term monitoring program was instituted in accordance with the RAWP, and included quarterly groundwater sampling of the on-site monitoring wells and the collection of groundwater elevations from the monitoring wells and piezometers. The analytical results are compared with the SCGs outlined in Section 2.2.3.

As noted in Section 2.2.1, the monitoring has determined that the VOC concentrations in groundwater at the site have fallen below the SCGs in all of the on-site monitoring wells with the exception of monitoring wells MW-06S and MW-06D which are located at the north side of the site relatively close to Walden Avenue (Figure 2-1).

Off-site groundwater sampling conducted on the north side of Walden Avenue determined that no VOCs were present in groundwater, and that there was no risk to residents associated with potential volatilization of VOCs from the groundwater and vapor intrusion into their residences.

Additionally, supplemental remedial activities consisting of ISCO of MW-6S/6D reduced, but did not eliminate, the presence of VOCs in this area. It was concluded by the NYSDEC that it

was "Tecnically Impracticable" to further remediate this area, and that it posed no risk to site users and/or surrounding residents.

Based on the site conditions, the NYSDEC agreed that the site remediation had been completed in accordance with the VCA and RAWP , and that the project should be closed out. To that end, the NYSDEC requested that a final round of groundwater samples be collected from all the onsite wells and be analyzed for VOCs to document the existing water quality.

A final set of groundwater samples were collected from monitoring wells MW-1, MW-2, MW-4, MW-6S, MW-6D, MW-7S, and MW-7D as well as from recovery well RW-1, and the samples analyzed for TCL VOCs. The groundwater sampling, was performed on December 8, 2009 (4th Quarter) by URS.

Low-flow procedures were utilized to purge the monitoring wells and the recovery well, and then to collect groundwater samples once purge parameters (e.g., pH, temperature, conductivity, etc.) had stabilized. The samples were placed in an ice-filled shipping cooler and forwarded to Adirondack Environmental Services, Inc. in Albany, New York under proper chain-of-custody for analysis. All of the groundwater samples were analyzed for TCL VOCs.

Copies of the groundwater purging and sampling logs are contained in Appendix D-1 and a copy of the field notes is contained in Appendix D-2. A summary of the monitoring well and piezometer installations is presented in Table 2-5.

2.4.2 Analytical Results

The analytical data for the samples are summarized in Table 2-1 and contained in Appendix D-3. The groundwater sample analytical results were compared to the SCGs outlined in Section 2.2.3.

The results of this comparison indicated the following:

- No VOCs were present at concentrations that exceeded the SCGs at monitoring wells MW-01, MW-02, MW-04 and MW-07S. No detectable VOCs have been observed in any of these wells since September of 2005 (51 months).

- No VOCs were present at concentrations that exceeded the SCGs at monitoring well MW-07D. No detectable VOCs have been observed since it was installed in November of 2005 (49 months).

- Two VOCs were present at concentrations that exceeded the SCGs at monitoring well MW-06S: 1,1-DCA at 16,000 µg/L which is slightly higher than the historical range, and 1,1,1-TCA at 670 µg/L which is within the range of historical values. In general, the number of detected parameters has decreased since remediation was completed in October 2003, but it should be noted that the concentrations of the detected parameters have fluctuated, generally increasing in the spring and decreasing in the fall/winter.

- One VOC was present at concentrations that exceeded the SCG at monitoring well MW-06D: 1,1- DCA at 5,200 µg/L. This concentration is within the historic range of concentrations observed since March 2005. In general, the number of detected parameters has decreased since remediation was completed in October 2003, but it should be noted that the concentrations of the detected parameters have fluctuated both up and down during this same period.

- One VOC was present at a concentrations that exceeded the SCG at recovery well RW-01: 1,1-DCA at 26 µg/L. In general, the concentration of 1,1-DCA has remained relatively constant.

2.4.3 Groundwater Flow Conditions

Upper Till/Unconfined Unit

Groundwater elevations recorded during this period (Table 2-6) showed an increase from 1.17 feet in the center of the site to 2.57 feet at the southwest corner of the site compared to the September 2009 data. It should be noted that the groundwater elevation in monitoring well MW-06S increased 1.80 feet to a level comparable to the March 2009 elevation, and the groundwater elevation in MW-07S increased 2.80 feet to a level comparable to the November 2005 elevation. As indicated on Figure 2-3, the general groundwater flow directions across the site are essentially the same as

observed during the September 2009 sampling event. Flow is still generally from southeast to northwest which is consistent with historical data for the site..

- Groundwater elevations throughout the soil removal area are at 101.34 feet. This indicates that the excavation area is still acting as a "bathtub", with groundwater levels at essentially the same elevation throughout.

- Groundwater flow in the area northeast of the excavation is essentially the same as it has been since the Remedial Action was completed..

- Groundwater flow in the area northwest of the excavation remains more to the west-northwest, than it was prior to remediation.

Lower Till/Confined Bedrock Unit

Groundwater elevations recorded during this period (Table 2-6) showed an increase from 0.80 feet at the northwest corner of the site to 2.78 feet at the south west corner of the site as compared to the September 2009 data; MW-06D showed an increase of about 1.83 feet. As indicated on Figure 2-4, the "bathtub" effect from the excavation area being filled with groundwater continues to have a more significant impact on flow conditions in the lower unit as opposed to the upper unit.

- Recharge to the site is still from the south and southeast.

- In the area southwest of the excavation, groundwater flow is directly to the southwest (towards monitoring well MW-01) while in the area northwest of the excavation, groundwater flow is to the northwest (towards monitoring wells MW-06S, MW-06D, MW-07S and MW-07D).

- In the area northeast of the excavation, groundwater flow is to the east and north (towards monitoring wells MW-02 and MW-04).

2.5 Site Management Plan

A "*Site Management Plan for the Former Dowell Facility*" has been prepared and submitted to the Department under separate cover.

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Conclusions

The remedial actions completed at the site have been successful in mitigating the impact of VOCs in both the soil and groundwater at the site.

The concentration of VOCs in groundwater in most areas of the site, (i.e., monitoring wells MW-01, MW-02, MW-04, MW-07S and, MW-07D) have remained below detectable limits since late 2005, more than 4 years, and represent a significant decrease in VOC concentrations as compared to the levels observed prior to site remediation.

Based on the analytical results, there are some VOCs still present in groundwater samples collected from monitoring wells MW-06S, MW-06D, and recovery well RW-01 at concentrations that exceed the SCGs, even after supplemental remedial activities were implemented in these areas. This may be the result of soil disturbances caused by drilling operations during injection well installation and/or the flushing action resulting from pumping the monitoring wells while injecting reagent into the injection wells, thereby 'flushing' residual amounts of VOCs out of the soils in the vicinity of MW-06S and MW-06D. It is anticipated that the VOC concentrations will decrease over time as hydrogeologic conditions stabilize and the oxidizing reagents continue to react with the VOCs.

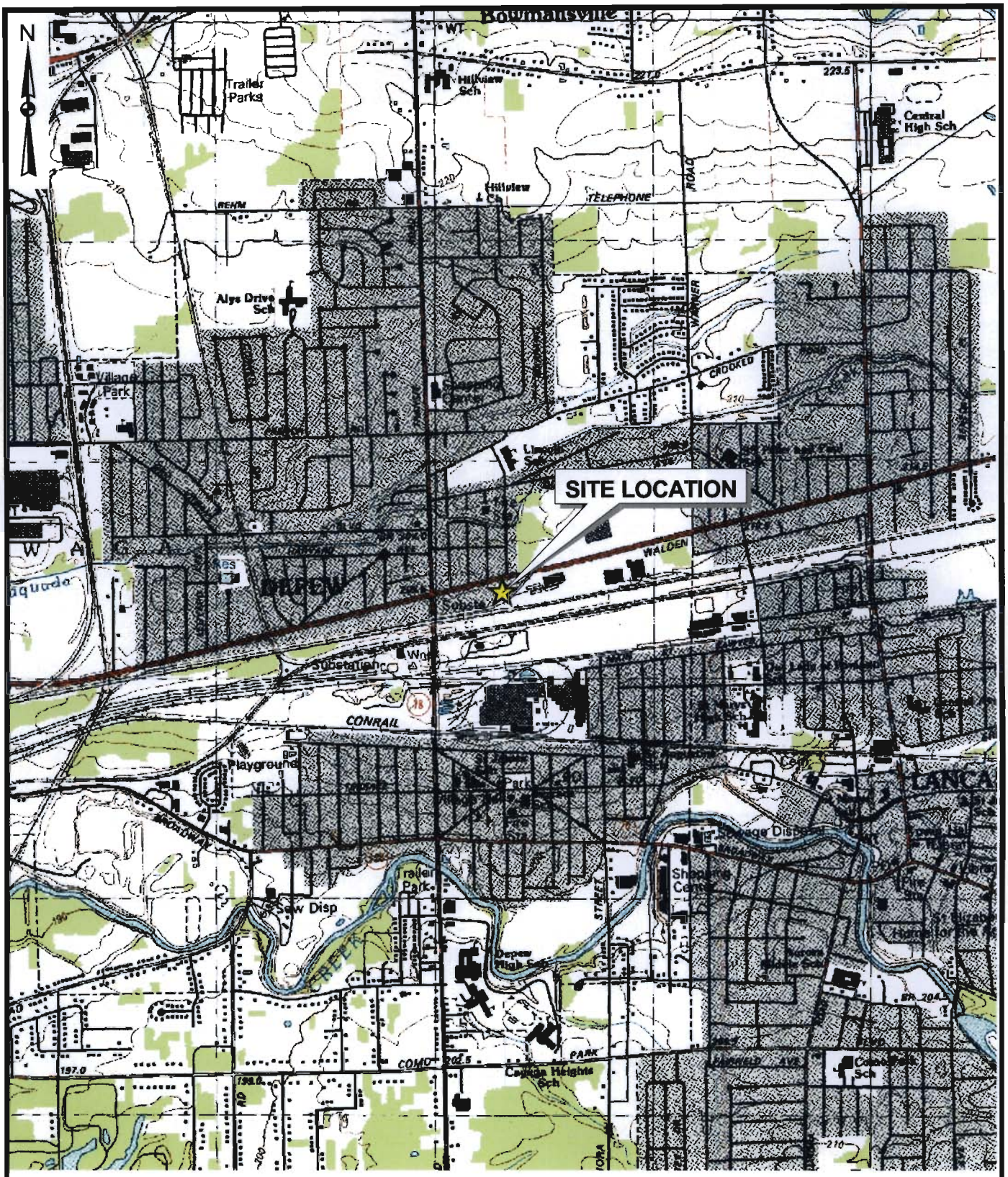
3.2 Recommendations

Based on the above discussions, it is recommended that:

- The provisions outlined in the Declaration of Covenants and Restrictions be followed for any future site development.
- A vapor intrusion (VI) study be performed prior to design/construction of any on-site buildings.

- Any future site development be conducted in conformance with the Site Management Plan (SMP) prepared for the site.

FIGURES



SOURCE:
USGS Topographic 7.5 Minute Quadrangles
Lancaster, New York

2000 0 2000 Feet

URS	FORMER DOWELL FACILITY SITE LOCATION MAP	FIGURE 1-1

N:\11171084.00000\DBIGis\dowell_2003.apr SITE LOCATION
12/12/2006

N

BREWSTER ST

LINCOLN ST

WALDEN AVENUE

BH-01

BH-02

BH-03

MW-02

PZ-09S

PZ-08S

MW-04

RW-01

MW-06D

MW-06S

PZ-07D

PZ-07S

MW-07S

MW-07D

PZ-05D

PZ-05S

RW-02

PZ-04D

PZ-04S

PZ-03D

PZ-03S

LIMITS OF EXCAVATION

PZ-01S

PZ-01D

APPROXIMATE PROPERTY LINE

MW-01

PZ-02S

Legend

- Off-Site Groundwater Sampling Location
- Monitoring Well Location
- Recovery Well Location
- Groundwater Flow Direction (Lower Till Unit, 3/18/2008)
- Groundwater Flow Direction (Upper Till Unit, 3/18/2008)
- 99 Groundwater Elevation Contours (Lower Till Unit, 3/18/2008)
- 98.5 Groundwater Elevation Contours (Upper Till Unit, 3/18/2008)

NOTE:
Groundwater elevation is set at 100.40' within the limits of the excavation area.

60 0 60 Feet

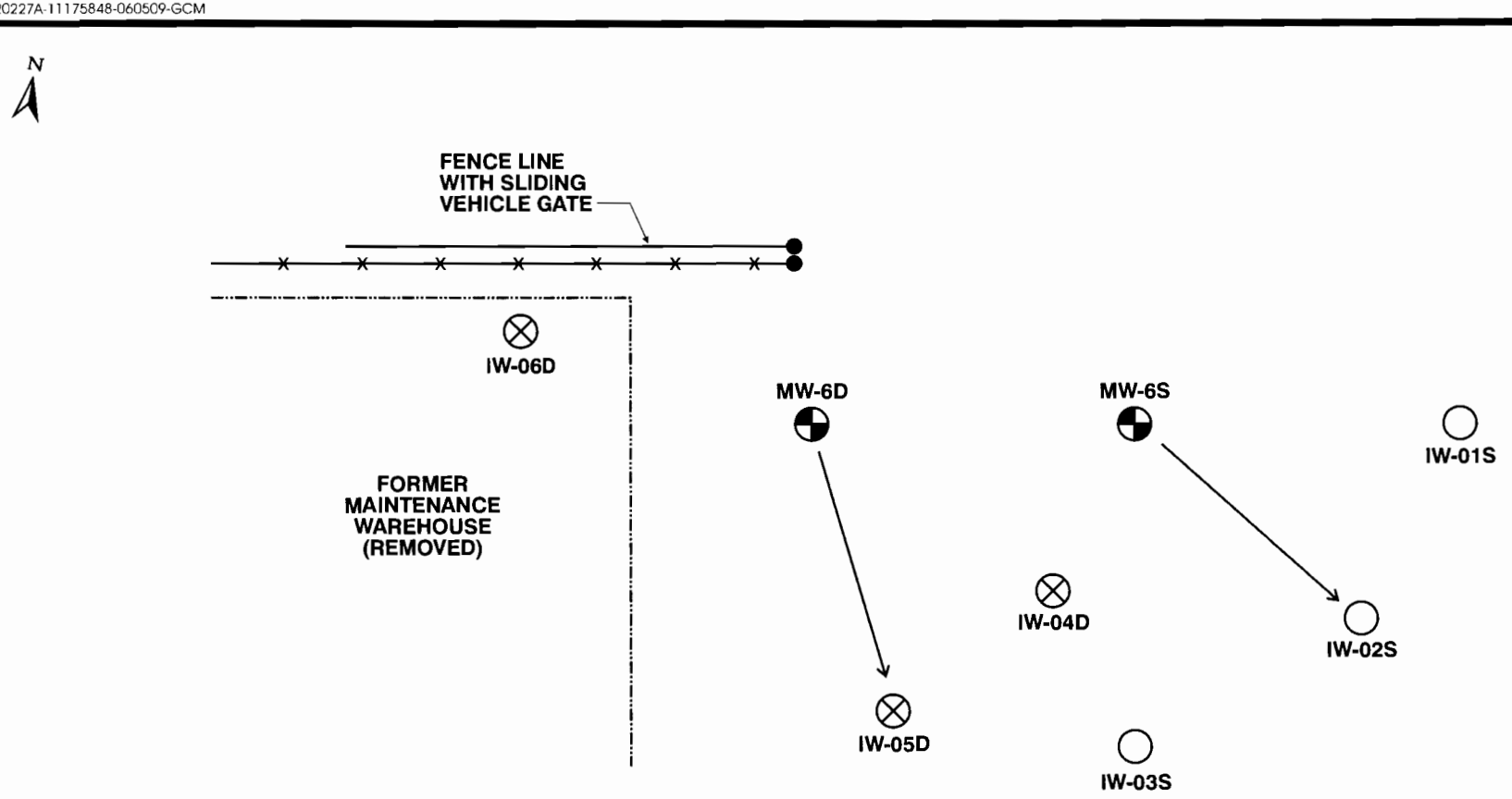
FORMER DOWELL FACILITY
GROUNDWATER SAMPLING LOCATIONS

URS

FIGURE 2-1

N:\11Z1084.00000\DIG\GIS\AERIAL (GW CONTOURS 20080318).mxd 1/6/2009 EM

AG20227A-11175848-060509-GCM



LEGEND

- EXISTING MONITORING WELLS
- SHALLOW INJECTION WELLS
- DEEP INJECTION WELLS

URS

FORMER DOWELL FACILITY
ISCO INJECTION WELL LOCATIONS

FIGURE 2-2

N

WALDEN AVENUE

PROPERTY LINE

WATER-METER VAULT

SLIDING GATE

PZ-09S, 101.54
106.38

PZ-08S, 100.52
105.08

RW-01, 101.31
103.9

PZ-07S, 100.87
105.25

FORMER BULK CEMENT PLANT

FORMER ACID PLANT

MW-06S, 99.16
100.38

MW-07S, 97.26
100.1

MAINTENANCE SHOP

TEST TRENCH

RAILROAD SPUR

BRICK BUILDING

CORRUGATED STEEL BLDG.

OFFICE (3311 WALDEN AVE)

OFFICE

PZ-05S, 102.15
105.43

RW-02, 101.37
104.72

PZ-04S, 100.21
104.67

FORMER CHEMICAL STORAGE

WASH BAY

TRAILER

PZ-03S, 102.94
106.32

LIMITS OF EXCAVATION

PZ-01S, 101.53
104.97

PZ-02S, 103.52
107.86

98

99

100

101

102

103

Legend

- Monitoring Well / Piezometer
- Recovery Well
- Groundwater Flow Direction
- —98— Groundwater Elevation Contours

Location ID: PZ-02S, 100.91
Ground Surface Elevation(ft): 107.86
Groundwater Elevation(ft)

NOTE:
Groundwater elevation is set at 101.34' within limits of excavation area

50 0 50 Feet

FORMER DOWELL FACILITY
GROUNDWATER ELEVATION CONTOUR MAP
UPPER TILL, UNCONFINED UNIT
(DECEMBER 08, 2009)

URS

FIGURE 2-3

N:\11171084 00000\DB\GIS\GROUNDWATER ELEVATIONS LAYER B 120809 mxd 12/15/2009

N

WALDEN AVENUE

PROPERTY LINE

WATER-METER VAULT

SLIDING GATE

MW-02, 96.56
102.25

MW-04, 95.41
101.25

FORMER BULK CEMENT PLANT

FORMER ACID PLANT

MW-06D, 98.51
100.38

RW-01, 101.31
103.9

PZ-07D, 101.28
105.1

MW-07D, 96.55
100.27

MAINTENANCE SHOP

TEST TRENCH

RAILROAD SPUR

PZ-05D, 102.29
106.2

BRICK BUILDING

CORRUGATED STEEL BLDG.

OFFICE (3311 WALDEN AVE)

OFFICE

RW-02, 101.37
104.72

FORMER CHEMICAL STORAGE

PZ-04D, 100.15
104.8

WASH BAY

TRAILER

PZ-03D, 103.04
105.73

LIMITS OF EXCAVATION

PZ-01D, 101.75
105.21

MW-01, 92.08
103.8

97 98 96 99 100 101 102 103 94 95 93

Legend

- Monitoring Well / Piezometer
- Recovery Well
- Groundwater Flow Direction
- 98 Groundwater Elevation Contours

Location ID — MW-01, 90.41 — Groundwater Elevation(ft)
103.8
Ground Surface Elevation(ft)

NOTE:
Groundwater elevation is set at 101.34' within limits of excavation area

50 0 50 Feet

FORMER DOWELL FACILITY
GROUNDWATER ELEVATION CONTOUR MAP
LOWER TILL, CONFINED BEDROCK UNIT
(DECEMBER 08, 2009)

URS

FIGURE 2-4

N:\11171084.00000\DB\GIS\GROUNDWATER ELEVATIONS LAYER A 120809.mxd 12/15/2009

TABLES

Table 2-1
Monitoring Well MW-01
Groundwater Analytical Results
Former Dowell Facility

Volatile Compounds	Units	Sep-96	Mar-97	Nov-97	Jul-98	Dec-98	Jul-99	Jan-00	Jul-01
Chloroethane	UG/L	U	U	NS	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	NS	U	U	U	U	U
Methylene Chloride	UG/L	20	U	NS	3*	U	U	U	U
Acetone	UG/L	U	U	NS	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	NS	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	NS	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	NS	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	NS	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	U	U	NS	U	U	U	U	U
Total VOCs	UG/L	20	U	NS	U	U	U	U	U

Volatile Compounds	Units	Jul-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06
Chloroethane	UG/L	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	5*	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	15	5 J	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	U	U	U	U	U	U	U	U
Total VOCs	UG/L	U	U	15	5	U	U	U	U

Volatile Compounds	Units	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08
Chloroethane	UG/L	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	U	U	U	U	U	U	U	U
Total VOCs	UG/L	U	U	U	U	U	U	U	U

Volatile Compounds	Units	Dec-08	Mar-09	Jun-09	Sep-09	Dec-09
Chloroethane	UG/L	U	U	NS	NS	U
Vinyl Chloride	UG/L	U	U	NS	NS	U
Methylene Chloride	UG/L	U	U	NS	NS	U
Acetone	UG/L	U	U	NS	NS	U
1,1-Dichloroethene	UG/L	U	U	NS	NS	U
1,1-Dichloroethane	UG/L	U	U	NS	NS	U
1,2-Dichloroethene (total)	UG/L	U	U	NS	NS	U
1,2-Dichloroethane	UG/L	U	U	NS	NS	U
1,1,1-Trichloroethane	UG/L	U	U	NS	NS	U
Total VOCs	UG/L	U	U	NS	NS	U

Notes:
VOC analysis by EPA Method 8260
U = not present above PQL
NS = not sampled
* Qualified as non-detect due to blank contamination
Site was remediated during October 2003 to May 2004.

Table 2-1 (Continued)
Monitoring Well MW-02
Groundwater Analytical Results
Former Dowell Facility

Volatile Compounds	Units	Sep-96	Mar-97	Nov-97	Jul-98	Dec-98	Jul-99	Jan-00	Jul-01
Chloroethane	UG/L	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	12	U	7	5*	U	U	1*	U
Acetone	UG/L	13	U	14	U	U	U	5*	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1 1,1-Trichloroethane	UG/L	U	U	U	U	U	U	U	U
Total VOCs	UG/L	25	U	21	U	U	U	U	U

Volatile Compounds	Units	Jul-04	Mar-05 (1)	Mar-05 (2)	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06
Chloroethane	UG/L	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	U	5*	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	15	U	15	2 J	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1 1 1-Trichloroethane	UG/L	U	U	U	U	U	U	U	U
Total VOCs	UG/L	U	15	U	15	2	U	U	U

Volatile Compounds	Units	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08
Chloroethane	UG/L	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1 1-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1 1 1-Trichloroethane	UG/L	U	U	U	U	U	U	U	U
Total VOCs	UG/L	U	U	U	U	U	U	U	U

Volatile Compounds	Units	Sep-08	Dec-08	Mar-09	Jun-09	Sep-09	Dec-09
Chloroethane	UG/L	U	U	U	NS	NS	U
Vinyl Chloride	UG/L	U	U	U	NS	NS	U
Methylene Chloride	UG/L	U	U	U	NS	NS	U
Acetone	UG/L	U	U	U	NS	NS	U
1,1-Dichloroethene	UG/L	U	U	U	NS	NS	U
1,1-Dichloroethane	UG/L	U	U	U	NS	NS	U
1,2-Dichloroethene (total)	UG/L	U	U	U	NS	NS	U
1,2-Dichloroethane	UG/L	U	U	U	NS	NS	U
1,1,1-Trichloroethane	UG/L	U	U	U	NS	NS	U
Total VOCs	UG/L	U	U	U	NS	NS	U

Notes
VOC analysis by EPA Method 8260
U = not present above PQL
NS = not sampled
(1) Samples collected for analysis by URS
(2) Split samples collected for analysis by NYSDEC
* Qualified as non-detect due to blank contamination
Site was remediated during October 2003 to May 2004.

Table 2-1 (Continued)
Monitoring Well MW-04
Groundwater Analytical Results
Former Dowell Facility

Volatile Compounds	Units	Sep-96	Mar-97	Nov-97	Jul-98	Dec-98	Jul-99	Jan-00	Jul-01
Chloroethane	UG/L	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	12	U	U	5*	U	U	2*	U
Acetone	UG/L	20	U	U	5*	U	U	6*	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	U	4	21	U	U	110
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	U	U	U	U	U	U	U	8
Total VOCs	UG/L	32	U	U	4	21	U	U	118

Volatile Compounds	Units	Jul-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06
Chloroethane	UG/L	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	28	51	13	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	U	U	4 J	U	U	U	U	U
Total VOCs	UG/L	U	U	55	13	U	U	U	U

Volatile Compounds	Units	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08
Chloroethane	UG/L	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	U	U	U	U	U	U	U	U
Total VOCs	UG/L	U	U	U	U	U	U	U	U

Volatile Compounds	Units	Dec-08	Mar-09	Jun-09	Sep-09	Dec-09
Chloroethane	UG/L	U	U	NS	NS	U
Vinyl Chloride	UG/L	U	U	NS	NS	U
Methylene Chloride	UG/L	U	U	NS	NS	U
Acetone	UG/L	U	U	NS	NS	U
1,1-Dichloroethene	UG/L	U	U	NS	NS	U
1,1-Dichloroethane	UG/L	U	U	NS	NS	U
1,2-Dichloroethene (total)	UG/L	U	U	NS	NS	U
1,2-Dichloroethane	UG/L	U	U	NS	NS	U
1,1,1-Trichloroethane	UG/L	U	U	NS	NS	U
Total VOCs	UG/L	U	U	NS	NS	U

Notes:
VOC analysis by EPA Method 8260
U = not present above PQL
NS = not sampled
* Qualified as non-detect due to blank contamination
Site was remediated during October 2003 to May 2004.

Table 2-1 (Continued)
Monitoring Well MW-06S
Groundwater Analytical Results
Former Dowell Facility

Volatile Compounds	Units	Sep-96	Mar-97	Nov-97	Jul-98	Dec-98	Jul-99	Jan-00	Jul-01
Chloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	U
Vinyl Chloride	UG/L	NI	NI	NI	NI	NI	NI	NI	U
Methylene Chloride	UG/L	NI	NI	NI	NI	NI	NI	NI	U
Acetone	UG/L	NI	NI	NI	NI	NI	NI	NI	U
1,1-Dichloroethene	UG/L	NI	NI	NI	NI	NI	NI	NI	6
1,1-Dichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	490
1,2-Dichloroethene (total)	UG/L	NI	NI	NI	NI	NI	NI	NI	U
1,2-Dichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	U
1,1,1-Trichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	190
Total VOCs	UG/L	NI	NI	NI	NI	NI	NI	NI	686

Volatile Compounds	Units	Jul-04	Mar-05 (1)	Mar-05 (2)	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06
Chloroethane	UG/L	U	U	20	U	U	U	U	U
Vinyl Chloride	UG/L	19 J	U	10	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	U	490*	U	U	U	U
1,1-Dichloroethene	UG/L	120	U	110	210 J	170 J	470	U	110
1,1-Dichloroethane	UG/L	170	4,700	2,800	5,000	7,800	760	13,000	3,400
1,2-Dichloroethene (total)	UG/L	13 J	U	16	U	U	35	U	U
1,2-Dichloroethane	UG/L	26	U	2 J	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	360	890	550	860	1,000	700	1,300	510
Total VOCs	UG/L	708	5,590	2,958	6,070	8,970	1,495	14,300	4,020

Volatile Compounds	Units	Sep-06	Dec-06	Mar-07 (1)	Mar-07 (2)	Jun-07	Sep-07	Dec-07	Mar-08
Chloroethane	UG/L	U	U	U	39	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	70	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	180	U	U	73	130	390	310	U
1,1-Dichloroethane	UG/L	330	2,900	5,900	4,800	830	920	3,000	3,600
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	25	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	450	400	380	320	310	580	640	280
Total VOCs	UG/L	960	3,300	6,280	5,232	1,270	1,985	3,950	3,880

Volatile Compounds	Units	Jun-08	Sep-08	Dec-08	Mar-09	Sep-09	Dec-09
Chloroethane	UG/L	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U
Acetone	UG/L	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	150	190	U	140	U	U
1,1-Dichloroethane	UG/L	1,900	1,700	5,700	2,000	9,900	16,000
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	390	480	330	270	310	670
Total VOCs	UG/L	2,440	2,370	6,030	2,410	10,210	16,670

Notes:
VOC analysis by EPA Method 8260
U = not present above PQL
NS = not sampled
NI = Not Installed
J = estimated value
E= Exceded the calibration range for that instrument
(1) Samples collected for analysis by URS
(2) Split samples collected for analysis by NYSDEC
* Qualified as non-detect due to blank concentration
Site was remediated during October 2003 to May 2004.

Table 2-1 (Continued)
Monitoring Well MW-06D
Groundwater Analytical Results
Former Dowell Facility

Volatile Compounds	Units	Sep-96	Mar-97	Nov-97	Jul-98	Dec-98	Jul-99	Jan-00	Jul-01
Chloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Vinyl Chloride	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Methylene Chloride	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Acetone	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,1-Dichloroethene	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,1-Dichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,2-Dichloroethene (total)	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,2-Dichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,1,1-Trichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Total VOCs	UG/L	NI	NI	NI	NI	NI	NI	NI	NI

Volatile Compounds	Units	Jul-04	Mar-05 (1)	Mar-05 (2)	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06
Chloroethane	UG/L	U	U	29	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	U	520*	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	53	U	33 J	U	U	U
1,1-Dichloroethane	UG/L	230	9,700	5,700	4,900	3,600	8,400	9,100	12,000
1,2-Dichloroethene (total)	UG/L	U	U	8	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	87	970	610	400 J	280	430	500	850
Total VOCs	UG/L	317	10,670	6,400	5,300	3,913	8,830	9,600	12,850

Volatile Compounds	Units	Sep-06	Dec-06	Mar-07 (1)	Mar-07 (2)	Jun-07	Sep-07	Dec-07	Mar-08
Chloroethane	UG/L	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	64	U	U	U	U
Acetone	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	19,000	22,000	9,800	9,300	13,000	18,000	13,000	5,000
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	1,200	U	U	250	U	U	U	U
Total VOCs	UG/L	20,200	22,000	9,800	9,614	13,000	18,000	13,000	5,000

Volatile Compounds	Units	Jun-08	Sep-08	Dec-08	Mar-09	Sep-09	Dec-09
Chloroethane	UG/L	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	730*	U	U	U
Acetone	UG/L	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	12,000	15,000	11,000	9,600	4,700	5,200
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	U	U	U	U	U	U
Total VOCs	UG/L	12,000	15,000	11,000	9,600	4,700	5,200

Notes
VOC analysis by EPA Method 8260
U = not present above PQL
NS = not sampled
NI = Not Installed
(1) Samples collected for analysis by URS
(2) Split samples collected for analysis by NYSDEC
* Qualified as non-detect due to blank contamination
Site was remediated during October 2003 to May 2004

Table 2-1 (Continued)
Monitoring Well MW-07S
Groundwater Analytical Results
Former Dowell Facility

Volatile Compounds	Units	Sep-96	Mar-97	Nov-97	Jul-98	Dec-98	Jul-99	Jan-00	Jul-01
Chloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	U
Vinyl Chloride	UG/L	NI	NI	NI	NI	NI	NI	NI	U
Methylene Chloride	UG/L	NI	NI	NI	NI	NI	NI	NI	U
Acetone	UG/L	NI	NI	NI	NI	NI	NI	NI	U
1,1-Dichloroethene	UG/L	NI	NI	NI	NI	NI	NI	NI	U
1,1-Dichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	U
1,2-Dichloroethene (total)	UG/L	NI	NI	NI	NI	NI	NI	NI	U
1,2-Dichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	U
1,1,1-Trichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	U
Total VOCs	UG/L	NI	NI	NI	NI	NI	NI	NI	U

Volatile Compounds	Units	Jul-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06
Chloroethane	UG/L	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	U	81	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	U	U	U	5 J	U	U	U	U
Total VOCs	UG/L	U	U	U	86	U	U	U	U

Volatile Compounds	Units	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08
Chloroethane	UG/L	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	U	U	U	U	U	U	U	U
Total VOCs	UG/L	U	U	U	U	U	U	U	U

Volatile Compounds	Units	Dec-08	Mar-09	Jun-09	Sep-09	Dec-09
Chloroethane	UG/L	U	U	NS	U	U
Vinyl Chloride	UG/L	U	U	NS	U	U
Methylene Chloride	UG/L	U	U	NS	U	U
Acetone	UG/L	U	U	NS	U	U
1,1-Dichloroethene	UG/L	U	U	NS	U	U
1,1-Dichloroethane	UG/L	U	U	NS	U	U
1,2-Dichloroethene (total)	UG/L	U	U	NS	U	U
1,2-Dichloroethane	UG/L	U	U	NS	U	U
1,1,1-Trichloroethane	UG/L	U	U	NS	U	U
Total VOCs	UG/L	U	U	NS	U	U

Notes:

VOC analysis by EPA Method 8260

U = not present above PQL

NS = not sampled

NI = Not Installed

Site was remediated during October 2003 to May 2004.

Table 2-1 (Continued)
Monitoring Well MW-07D
Groundwater Analytical Results
Former Dowell Facility

Volatile Compounds	Units	Sep-96	Mar-97	Nov-97	Jul-98	Dec-98	Jul-99	Jan-00	Jul-01
Chloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Vinyl Chloride	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Methylene Chloride	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Acetone	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,1-Dichloroethene	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,1-Dichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1 2-Dichloroethene (total)	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,2-Dichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,1,1-Trichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Total VOCs	UG/L	NI	NI	NI	NI	NI	NI	NI	NI

Volatile Compounds	Units	Jul-04	Mar-05	Jun-05	Sep-05	Nov-05	Dec-05	Mar-06	Jun-06
Chloroethane	UG/L	NI	NI	NI	NI	U	U	U	U
Vinyl Chloride	UG/L	NI	NI	NI	NI	U	U	U	U
Methylene Chloride	UG/L	NI	NI	NI	NI	U	U	U	U
Acetone	UG/L	NI	NI	NI	NI	35*	U	U	U
1 1-Dichloroethene	UG/L	NI	NI	NI	NI	U	U	U	U
1,1-Dichloroethane	UG/L	NI	NI	NI	NI	U	U	U	U
1 2-Dichloroethene (total)	UG/L	NI	NI	NI	NI	U	U	U	U
1,2-Dichloroethane	UG/L	NI	NI	NI	NI	U	U	U	U
1 1 1-Trichloroethane	UG/L	NI	NI	NI	NI	U	U	U	U
Total VOCs	UG/L	NI	NI	NI	NI	35*	U	U	U

Volatile Compounds	Units	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08
Chloroethane	UG/L	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1 1-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1 1 1-Trichloroethane	UG/L	U	U	U	U	U	U	U	U
Total VOCs	UG/L	U	U	U	U	U	U	U	U

Volatile Compounds	Units	Sep-08	Dec-08	Mar-09	Jun-09	Sep-09	Dec-09
Chloroethane	UG/L	U	U	U	NS	U	U
Vinyl Chloride	UG/L	U	U	U	NS	U	U
Methylene Chloride	UG/L	U	U	U	NS	U	U
Acetone	UG/L	U	U	U	NS	U	U
1,1-Dichloroethene	UG/L	U	U	U	NS	U	U
1 1-Dichloroethane	UG/L	U	U	U	NS	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	NS	U	U
1,2-Dichloroethane	UG/L	U	U	U	NS	U	U
1,1,1-Trichloroethane	UG/L	U	U	U	NS	U	U
Total VOCs	UG/L	U	U	U	NS	U	U

Notes:

VOC analysis by EPA Method 8260

U = not present above PQL

NS = not sampled

NI = Not Installed

* Qualified as non-detect due to blank contamination

Site was remediated during October 2003 to May 2004

Table 2-1 (Continued)
Recovery Well RW-01
Groundwater Analytical Results
Former Dowell Facility

Volatile Compounds	Units	Sep-96	Mar-97	Nov-97	Jul-98	Dec-98	Jul-99	Jan-00	Jul-01
Chloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Vinyl Chloride	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Methylene Chloride	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Acetone	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,1-Dichloroethene	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,1-Dichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,2-Dichloroethene (total)	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,2-Dichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,1,1-Trichloroethane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Cyclohexane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Methylcyclohexane	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
1,2-Dichlorobenzene	UG/L	NI	NI	NI	NI	NI	NI	NI	NI
Total VOCs	UG/L	NI	NI	NI	NI	NI	NI	NI	NI

Volatile Compounds	Units	Jul-04	Mar-05	Jun-05	Sep-05	Dec-05	Mar-06	Jun-06	Sep-06
Chloroethane	UG/L	NI	NS	U	U	U	U	U	U
Vinyl Chloride	UG/L	NI	NS	5 J	3 J	U	U	U	U
Methylene Chloride	UG/L	NI	NS	U	U	U	U	U	U
Acetone	UG/L	NI	NS	6*	U	U	U	U	U
1,1-Dichloroethene	UG/L	NI	NS	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	NI	NS	35	39	18	35	23	23
1,2-Dichloroethene (total)	UG/L	NI	NS	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	NI	NS	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	NI	NS	11	7 J	5 2	5 6	6 3	5 9
Cyclohexane	UG/L	NI	NS	U	2 J	U	U	U	U
Methylcyclohexane	UG/L	NI	NS	U	2 J	U	U	U	U
1,2-Dichlorobenzene	UG/L	NI	NS	U	2 J	U	U	U	U
Total VOCs	UG/L	NI	NS	51	55	23 3	40 6	29 3	28 9

Volatile Compounds	Units	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08
Chloroethane	UG/L	U	U	U	49	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U
Methylene Chloride	UG/L	U	U	U	U	U	U	U	U
Acetone	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	45	27	65	47	9 4	71	26	35
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U
1,2-Dichloroethane	UG/L	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	U	U	U	U	U	U	U	U
Cyclohexane	UG/L	U	U	U	U	U	U	U	U
Methylcyclohexane	UG/L	U	U	U	U	U	U	U	U
1,2-Dichlorobenzene	UG/L	U	U	U	U	U	U	U	U
Total VOCs	UG/L	45	27	65	96	9 4	71	26	35

Volatile Compounds	Units	Dec-08	Mar-09	Jun-09	Sep-09	Dec-09
Chloroethane	UG/L	U	U	NS	33	U
Vinyl Chloride	UG/L	U	U	NS	U	U
Methylene Chloride	UG/L	U	U	NS	U	U
Acetone	UG/L	U	U	NS	U	U
1,1-Dichloroethene	UG/L	U	U	NS	U	U
1,1-Dichloroethane	UG/L	5 6	38	NS	29	26
1,2-Dichloroethene (total)	UG/L	U	U	NS	U	U
1,2-Dichloroethane	UG/L	U	U	NS	U	U
1,1,1-Trichloroethane	UG/L	U	6 2	NS	U	U
Cyclohexane	UG/L	U	U	NS	U	U
Methylcyclohexane	UG/L	U	U	NS	U	U
1,2-Dichlorobenzene	UG/L	U	U	NS	U	U
Total VOCs	UG/L	5 6	44.2	NS	62	26

Notes:

VOC analysis by EPA Method 8260

U = not present above PQL

NS = not sampled

NI = Not Installed

* Qualified as non-detect due to blank contamination

Site was remediated during October 2003 to May 2004

Table 2-2
Former Dowell Facility
Injection Wells - Soil Analytical Results
(6/04/09)

Volatile Compounds	Units	IW-03	IW-04
1,1-Dichloroethene	UG/L	U	19
1,1-Dichloroethane	UG/L	480	7700
1,2-Dichloroethene (total)	UG/L	U	U
1,2-Dichloroethane	UG/L	U	5
1,1,1-Trichloroethane	UG/L	100	1000
1,1,2-Trichloroethane	UG/L	NA	NA
Total VOCs	UG/L	591	8724

Notes:

VOC analysis by EPA Method 8260

U = not present above PQL

NS = not sampled

NA = not analyzed

REM = Removed

* Qualified as non-detect due to blank contamination

Table 2-3
Former Dowell Facility
Injection/Monitoring Wells - Groundwater Analyticla Results

		MW-06S	MW-06S	MW-06D	MW-06D	MW-07S	MW-07D	RW-01	IW-01S	IW-03S	IW-05D	IW-06D
Volatile Compounds	**Units**	**06/17/09**	**09/16/09**	**06/17/09**	**09/16/09**	**09/16/09**	**09/16/09**	**09/16/09**	**06/17/09**	**06/17/09**	**06/17/09**	**06/17/09**
1,1-Dichloroethene	UG/L	260	<250	<500	<250	U	U	U	460	810	50	<50
1,1-Dichloroethane	UG/L	440	4700	16000	4700	U	U	29	5100	320	780	1400
1,1,1-Trichloroethane	UG/L	460	<250	550	<250	U	U	U	580	1700	140	<50

Notes:

VOC analysis by EPA Method 8260

U = not present above PQL

NS = not sampled

DES = Destroyed

* Qualified as non-detect due to blank contamination

TABLE 2-4

ISCO Injection Summary

Former Dowell Facility

Well	IW-01S	IW-02S	IW-03S	IW-04D	IW-05D	IW-06D	Total	MW-06S					MW-06D				
Date								Temp.	Diss. Oxygen	Purge	DTW	TD	Temp.	Diss. Oxygen	Purge	DTW	TD
08/06/09	12.00	13.00	11.00	7.00	7.00	7.00	57.00	14.0	9.10	10.00	2.89	19.77	14.0	4.90	5.75	2.90	29.79
08/07/09	1.50	2.50	1.50	2.75	2.00	2.00	12.25	15.0	11.75	8.75	7.00	19.72	18.3	5.42	5.00	0.80	29.74
08/10/09	2.50	4.00	2.50	3.75	3.00	3.00	18.75	19.1	14.62	7.75	11.00	19.72	24.1	8.31	5.50	0.40	29.74
08/11/09	2.60	2.75	2.40	3.15	3.10	3.25	17.25	18.8	28.20	7.50	4.34	19.72	23.1	2.03	4.50	1.73	29.74
08/13/09	2.50	2.00	2.00	3.00	3.00	3.50	16.00	19.1	33.65	4.90	1.69	19.72	22.4	5.50	5.00	1.69	29.74
08/17/09	2.65	2.45	1.95	3.10	2.95	3.40	16.50	23.4	30.39	8.50	2.22	19.78	21.4	3.59	5.25	1.83	29.79
08/20/09	2.40	1.85	1.25	3.05	2.25	2.75	13.55	20.8	23.87	5.25	2.04	19.79	20.6	3.09	5.00	1.23	29.78
08/21/09	2.75	3.05	2.25	4.25	3.45	4.25	20.00	21.0	34.91	6.50	0.52	19.79	17.5	5.02	5.50	0.22	29.79
08/24/09	1.50	2.00	2.00	2.25	2.25	2.00	12.00	16.7	37.32	7.25	2.17	19.74	20.5	2.41	5.25	1.78	29.74
08/25/09	1.25	1.75	1.25	2.00	1.75	2.00	10.00	20.0	31.95	7.00	1.09	19.74	21.5	4.21	5.75	1.40	29.71
08/26/09	1.25	1.50	1.00	1.50	1.75	1.00	8.00	18.7	32.42	7.50	1.02	19.74	19.0	5.20	5.25	0.82	29.71
08/27/09	1.25	1.50	0.75	1.00	1.00	1.00	6.50	16.8	32.97	7.25	1.76	19.74	19.5	6.01	5.50	1.61	29.72
08/28/09	1.25	1.25	1.00	1.00	1.25	1.50	7.25	16.4	35.80	7.50	1.44	19.74	17.1	8.14	8.50	1.85	29.67
08/31/09	1.75	2.25	1.50	2.00	2.00	2.50	12.00	16.1	36.40	8.00	1.94	19.74	13.9	14.48	7.75	2.20	29.59
09/01/09	1.25	1.25	1.00	1.75	1.25	1.00	7.50	16.3	36.28	8.00	1.86	19.74	17.3	10.88	7.75	1.83	29.61
09/02/09	1.25	1.25	1.25	1.25	1.25	1.75	8.00	15.6	37.82	7.50	2.15	19.74	17.0	16.60	7.50	2.02	29.63
09/03/09	1.00	1.50	1.00	1.25	1.50	1.25	7.50	15.9	37.05	7.25	2.38	19.74	17.4	12.48	7.75	2.29	29.61
09/04/09	1.25	1.25	1.00	1.50	1.25	1.25	7.50	15.6	35.74	7.25	2.72	19.74	14.6	16.47	8.00	2.56	29.50
SUB-TOTAL	41.90	47.10	36.60	45.55	42.00	44.40	257.55			133.65					110.50		
10/05/09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.6	23.72	0.00	1.73	19.71	12.8	13.49	0.00	1.69	29.45
10/16/09	1.50	1.50	1.50	2.25	2.75	2.50	12.00	14.2	16.46	11.50	0.99	19.71	12.9	9.10	9.75	1.51	29.33
10/19/09	1.00	1.25	1.25	2.00	2.50	2.00	10.00	14.7	27.85	9.00	1.74	19.73	12.8	8.15	8.50	0.95	29.41
10/21/09	1.25	1.75	1.50	0.75	1.00	1.25	7.50	14.9	34.98	8.75	0.54	19.73	13.7	10.28	9.00	0.75	29.35
10/28/09	1.50	1.50	1.25	1.75	2.75	2.25	11.00	14.8	27.04	8.25	1.09	19.73	13.0	8.54	8.75	1.26	29.35
11/04/09	1.50	1.50	1.50	2.00	2.75	2.25	11.50	14.6	24.62	8.00	1.10	19.73	12.3	7.13	8.75	1.41	29.34
11/06/09	0.75	1.25	1.00	1.50	1.00	1.50	7.00	12.6	25.13	8.00	0.46	19.73	11.8	8.35	9.00	0.64	29.40
11/09/09	1.25	1.50	1.25	2.00	2.00	2.00	10.00	14.4	31.23	8.00	1.08	19.73	13.6	9.98	8.75	1.39	29.36
11/11/09	1.00	1.25	1.00	1.25	2.00	2.00	8.50	13.5	22.50	5.50	4.32	19.73	14.1	9.24	8.25	1.38	29.46
11/13/09	1.50	1.50	1.00	1.50	0.75	1.50	7.75	13.9	26.95	8.00	1.07	19.73	12.5	11.16	8.00	1.35	29.46
11/18/09	1.50	2.00	1.25	2.25	2.25	2.00	11.25	NA	NA	7.50	1.55	19.73	NA	NA	8.00	1.63	29.56
11/19/09	0.50	0.00	0.50	1.50	0.00	0.50	3.00	14.0	34.30	6.25	1.62	19.73	13.2	8.70	7.75	2.32	29.58
11/20/09	1.00	0.75	1.25	1.50	1.00	1.00	6.50	13.2	22.96	6.00	1.83	19.73	12.4	8.01	8.00	2.50	29.56
11/23/09	1.25	1.25	1.50	1.25	1.75	2.00	9.00	13.8	31.28	7.00	0.99	19.73	12.4	10.60	8.00	1.40	29.56
11/24/09	0.75	0.50	0.50	1.00	0.50	0.75	4.00	13.4	29.99	6.00	1.67	19.73	12.8	10.33	7.75	1.96	29.59
	16.25	17.50	16.25	22.50	23.00	23.50	119.00	**58.15**		107.75					118.25		
Total	**58.15**	**64.60**	**52.85**	**68.05**	**65.00**	**67.90**	**376.55**			**241.40**					**228.75**		

Notes.

DTW = Depth to water (ft).

TD = Total depth of well (ft).

NA = Data not collected.

TABLE 2-5
FORMER DOWELL SITE
SUMMARY OF MONITORING WELL / PIEZOMETER INSTALLATION DETAILS

Location ID	Type	Northing	Easting	Ground Elevation (ft.)	Top of Riser Elevation (ft.)	Total Depth (ft. bgs)	Well Construction Information			
							Class	Material	Beg. Depth (ft.bgs)	End Depth (ft. bgs)
MW-01	WL	1060924.157	1118932.986	104.10	103.80	30.0	SCRN	PVC	20	30
							FILPK	SNP	17	30
							SEAL	BNT	14	17
MW-02	WL	1061209.591	1119165.904	102.53	102.25	28.3	SCRN	PVC	18.3	28.3
							FILPK	SNP	15	28.3
							SEAL	BNT	13.5	15.0
MW-03*	WL	1061166.624	1118970.677	101.11	100.57	29.0	SCRN	PVC	15	25
							FILPK	SNP	12	29
							SEAL	BNT	9.5	12
MW-04	WL	1061182.893	1119049.101	101.65	101.25	28.0	SCRN	PVC	18	28
							FILPK	SNP	15	28
							SEAL	BNT	13	15
MW-05*	WL	1061061.919	1119111.257	104.54	103.97	14.5	SCRN	PVC	4	14
MW-06S	WL	1061162.035	1118942.310	100.96	100.38	20.5	SCRN	PVC	10	20
							FILPK	SNP	8	20.5
							SEAL	BNT	6	8
MW-06D	WL	1061168.182	1118943.395	100.96	100.38	30.5	SCRN	PVC	20	30
							FILPK	SNP	17	30.5
							SEAL	BNT	15	17
MW-07S	WL	1061148.617	1118862.788	100.64	100.10	20.0	SCRN	PVC	9.5	19.5
							FILPK	SNP	7.5	20
							SEAL	BNT	5.5	7.5
MW-07D	WL	1061140.668	1118865.965	100.90	100.27	30.5	SCRN	PVC	20	30
							FILPK	SNP	18	30.5
							SEAL	BNT	16	18
MW-08*	WL	1061061.953	1118900.487	100.10	99.65	20.0	SCRN	PVC	9.5	19.5
RW-01	RW	1061171.187	1118970.030	101.10	103.90	16.0	SCRN	PVC	6	16
							FILPK	SNP	5	16
RW-02	RW	1061104.123	1119044.860	102.20	104.72	16.0	SCRN	PVC	6	16
							FILPK	SNP	5	16
PZ-01S	PZ	1061012.984	1118932.541	101.80	104.97	12.0	SCRN	PVC	2	12
							FILPK	SNP	0.5	12
							SEAL	BNT	0	0.5
PZ-01D	PZ	1061005.996	1118931.016	101.90	105.21	24.5	SCRN	PVC	22.5	24.5

TABLE 2-5
FORMER DOWELL SITE
SUMMARY OF MONITORING WELL / PIEZOMETER INSTALLATION DETAILS

Location ID	Type	Northing	Easting	Ground Elevation (ft.)	Top of Riser Elevation (ft.)	Total Depth (ft. bgs)	Well Construction Information			
							Class	Material	Beg. Depth (ft.bgs)	End Depth (ft. bgs)
PZ-02S	PZ	1060922.990	1118929.893	104.00	107.86	12.0	SCRN	PVC	10	12
PZ-03S	PZ	1061042.670	1119048.681	103.40	106.32	12.0	SCRN	PVC	10	12
PZ-03D	PZ	1061046.881	1119054.834	103.70	105.73	24.0	SCRN	PVC	22	24
PZ-04S	PZ	1061070.634	1118919.122	101.60	104.67	12.0	SCRN	PVC	10	12
PZ-04D	PZ	1061074.512	1118924.040	101.70	104.80	24.5	SCRN	PVC	22.5	24.5
PZ-05S	PZ	1061118.252	1119127.382	103.00	105.43	12.0	SCRN	PVC	10	12
PZ-05D	PZ	1061122.093	1119130.623	102.80	106.20	24.3	SCRN	PVC	22.3	24.3
PZ-06S	PZ	1061110.460	1118958.917	101.10	103.78	12.0	SCRN	PVC	10	12
PZ-07S	PZ	1061164.596	1119093.524	102.30	105.25	12.5	SCRN	PVC	10.5	12.5
PZ-07D	PZ	1061167.578	1119102.081	102.50	105.10	25.0	SCRN	PVC	23	25
PZ-08S	PZ	1061182.870	1119044.295	101.70	105.08	11.8	SCRN	PVC	9.8	118.
PZ-09S	PZ	1061205.909	1119167.589	102.60	106.38	12.3	SCRN	PVC	10.3	12.3

* - Removed or destroyed

TYPES:

WL - Well

RW - Recovery Well

PZ - Piezometer

CLASSES:

SCRN - Screen

FILPK - Filter Pack

SEAL - Well Seal

MATERIALS:

PVC - Polyvinyl Chloride

SNP - Sand Pack

BNT - Bentonite

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-01	1060924.157	1118932.986	104.10	104.10	103.80	L	1	7/16/2001 0000	14.10	89.70	0.00	89.70	
								11/6/2001 0000	13.55	90.25	0.00	90.25	
								12/12/2001 0000	13.14	90.66	0.00	90.66	
								11/3/2005 1118	9.14	94.66	0.00	94.66	
								11/16/2005 0000	9.92	93.88	0.00	93.88	
								12/6/2005 0000	9.63	94.17	0.00	94.17	
								3/9/2006 0000	10.83	92.97	0.00	92.97	
								6/14/2006 0000	11.63	92.17	0.00	92.17	
								9/13/2006 0000	12.75	91.05	0.00	91.05	
								12/12/2006 0000	13.71	90.09	0.00	90.09	
								3/13/2007 0000	13.86	89.94	0.00	89 94	
								6/29/2007 0000	14.60	89.20	0.00	89.20	
								9/19/2007 0000	15.36	88.44	0.00	88.44	
								12/11/2007 0000	14.99	88.81	0.00	88.81	
								3/18/2008 0000	15.35	88.45	0.00	88.45	
								6/9/2008 0000	14.54	89.26	0 00	89 26	
								9/23/2008 0000	13.67	90.13	0.00	90.13	
								12/30/2008 0000	13.06	90.74	0.00	90.74	
								3/31/2009 0000	14.98	88.82	0.00	88.82	
								6/16/2009 0000	14.24	89.56	0.00	89.56	
								9/15/2009 0000	13.39	90.41	0.00	90 41	
								12/8/2009 0000	11.72	92.08	0.00	92.08	
MW-02	1061209.591	1119165.904	102.53	102.53	102.25	L	1	7/16/2001 0000	4.15	98.10	0.00	98 10	
								10/12/2001 0000	3.56	98.69	0.00	98.69	
								11/6/2001 0000	3.85	98.40	0.00	98.40	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								12/12/2001 0000	3.16	99 09	0.00	99.09	
								11/3/2005 1125	1.96	100.29	0.00	100.29	
								11/16/2005 0000	1.88	100.37	0.00	100.37	
								12/6/2005 0000	1.90	100.35	0.00	100.35	
								3/9/2006 0000	3.58	98.67	0.00	98.67	
								6/14/2006 0000	4.63	97.62	0.00	97.62	
								9/13/2006 0000	5.86	96.39	0.00	96.39	
								12/12/2006 0000	5.89	96.36	0.00	96.36	
								3/13/2007 0000	6.11	96 14	0.00	96.14	
								6/29/2007 0000	7.28	94.97	0.00	94.97	
								9/19/2007 0000	7.93	94.32	0.00	94.32	
								12/11/2007 0000	6.59	95.66	0.00	95.66	
								3/18/2008 0000	10.66	91.59	0.00	91.59	
								6/9/2008 0000	8.89	93.36	0.00	93.36	
								9/23/2008 0000	7.81	94.44	0.00	94.44	
								12/30/2008 0000	6.97	95.28	0.00	95.28	
								3/31/2009 0000	11 58	90.67	0.00	90.67	
								6/16/2009 0000	8.92	93 33	0 00	93.33	
								9/15/2009 0000	7.56	94.69	0.00	94.69	
								12/8/2009 0000	5.69	96.56	0.00	96.56	
MW-03	1061166.624	1118970.677	101.11	101 11	100.57	U	1	7/16/2001 0000	12.75	87.82	0.00	87.82	
								11/6/2001 0000	10.92	89.65	0.00	89.65	
								12/12/2001 0000	10.53	90.04	0.00	90.04	Removed
MW-04	1061182.893	1119049.101	101.65	101.65	101.25	L	1	7/16/2001 0000	6 80	94 45	0 00	94.45	
								10/12/2001 0000	4.86	96.39	0.00	96.39	

NM - No Measurement

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Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								11/6/2001 0000	4.61	96.64	0.00	96.64	
								12/12/2001 0000	4.72	96.53	0.00	96.53	
								11/3/2005 1130	3.84	97.41	0.00	97.41	
								11/16/2005 0000	3.38	97.87	0.00	97 87	
								12/6/2005 0000	3.42	97 83	0.00	97.83	
								3/9/2006 0000	4.93	96.32	0.00	96 32	
								6/14/2006 0000	5.34	95.91	0 00	95.91	
								9/13/2006 0000	5.84	95.41	0.00	95 41	
								12/12/2006 0000	6.32	94 93	0.00	94.93	
								3/13/2007 0000	7.11	94.14	0.00	94 14	
								6/29/2007 0000	8.43	92.82	0.00	92.82	
								9/19/2007 0000	7 47	93.78	0 00	93.78	
								12/11/2007 0000	4 96	96.29	0.00	96.29	
								3/18/2008 0000	9 48	91.77	0 00	91.77	
								6/9/2008 0000	9.44	91 81	0.00	91 81	
								9/23/2008 0000	8.34	92.91	0.00	92.91	
								12/30/2008 0000	8 09	93.16	0.00	93.16	
								3/31/2009 0000	8.61	92.64	0.00	92.64	
								6/16/2009 0000	8.33	92.92	0.00	92.92	
								9/15/2009 0000	7.19	94.06	0.00	94.06	
								12/8/2009 0000	5.84	95.41	0.00	95.41	
MW-05	1061061.919	1119111.257	104.54	104.54	103.97	U	1	7/13/2001 0000	2.21	101.76	0.00	101.76	
								10/12/2001 0000	0.30	103.67	0.00	103.67	
								11/6/2001 0000	0.40	103.57	0.00	103.57	
								12/12/2001 0000	1.05	102.92	0.00	102.92	Destroyed

NM - No Measurement

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Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-06D	1061168.182	1118943.395	100.96	100.96	100.38	L	1	11/3/2005 1131	1.41	98.97	0.00	98.97	
								11/16/2005 0000	1.33	99.05	0.00	99.05	
								12/6/2005 0000	1.28	99.10	0.00	99.10	
								3/9/2006 0000	1.13	99.25	0.00	99.25	
								6/14/2006 0000	2.02	98.36	0.00	98.36	
								9/13/2006 0000	2.91	97.47	0.00	97.47	
								12/12/2006 0000	4.46	95.92	0.00	95.92	
								3/13/2007 0000	3.90	96.48	0.00	96.48	
								6/29/2007 0000	2.81	97.57	0.00	97.57	
								9/19/2007 0000	4.36	96.02	0.00	96.02	
								12/11/2007 0000	6.88	93.50	0.00	93.50	
								3/18/2008 0000	1.51	98.87	0.00	98.87	
								6/9/2008 0000	3.33	97.05	0.00	97.05	
								9/23/2008 0000	2.74	97.64	0.00	97.64	
								12/30/2008 0000	5.99	94.39	0.00	94.39	
								3/31/2009 0000	2.89	97.49	0.00	97.49	
								6/16/2009 0000	5.62	94.76	0.00	94.76	
								9/15/2009 0000	3.70	96.68	0.00	96.68	
								12/8/2009 0000	1.87	98.51	0.00	98.51	
MW-06S	1061162.035	1118942.310	100.96	100.96	100.38	U	1	7/16/2001 0000	4.46	95.92	0.00	95.92	
								10/12/2001 0000	3.31	97.07	0.00	97.07	
								11/6/2001 0000	3.03	97.35	0.00	97.35	
								12/12/2001 0000	3.37	97.01	0.00	97.01	
								11/3/2005 1131	1.49	98.89	0.00	98.89	
								11/16/2005 0000	0.97	99.41	0.00	99.41	

NM - No Measurement

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Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								12/6/2005 0000	1.60	98.78	0.00	98.78	
								3/9/2006 0000	1.19	99.19	0.00	99.19	
								6/14/2006 0000	2.52	97.86	0.00	97 86	
								9/13/2006 0000	3.14	97.24	0.00	97.24	
								12/12/2006 0000	0.98	99.40	0.00	99.40	
								3/13/2007 0000	2.78	97.60	0.00	97.60	
								6/29/2007 0000	4.36	96 02	0.00	96.02	
								9/19/2007 0000	4.92	95.46	0.00	95.46	
								12/11/2007 0000	5 46	94.92	0.00	94.92	
								3/18/2008 0000	1.91	98.47	0.00	98.47	
								6/9/2008 0000	4 30	96.08	0.00	96.08	
								9/23/2008 0000	4.01	96.37	0.00	96.37	
								12/30/2008 0000	8.18	92.20	0.00	92.20	
								3/31/2009 0000	1.23	99 15	0.00	99.15	
								6/16/2009 0000	5 77	94.61	0 00	94 61	
								9/15/2009 0000	3.02	97 36	0.00	97 36	
								12/8/2009 0000	1.22	99.16	0.00	99 16	
MW-07D	1061140.668	1118865.965	100.90	100.87	100.27	L	1	11/3/2005 1034	21.56	78.71	0.00	78.71	
								11/16/2005 0000	4.31	95.96	0.00	95.96	
								12/6/2005 0000	3.76	96.51	0.00	96 51	
								3/9/2006 0000	4.11	96.16	0.00	96.16	
								6/14/2006 0000	4.66	95.61	0.00	95.61	
								9/13/2006 0000	3.88	96.39	0.00	96.39	
								12/12/2006 0000	3.48	96.79	0.00	96.79	
								3/13/2007 0000	3.84	96.43	0.00	96.43	
								6/29/2007 0000	4.68	95.59	0.00	95.59	
								9/19/2007 0000	5.73	94.54	0.00	94.54	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								12/11/2007 0000	4.96	95.31	0.00	95.31	
								3/18/2008 0000	3.89	96.38	0.00	96.38	
								6/9/2008 0000	4.79	95.48	0.00	95.48	
								9/23/2008 0000	4.10	96.17	0.00	96.17	
								12/30/2008 0000	3.68	96.59	0.00	96.59	
								3/31/2009 0000	5.37	94.90	0.00	94.90	
								6/16/2009 0000	5.18	95.09	0.00	95.09	
								9/15/2009 0000	4.52	95.75	0.00	95.75	
								12/8/2009 0000	3.72	96.55	0.00	96.55	
MW-07S	1061148.617	1118862.788	100.64	100.64	100.10	U	1	7/16/2001 0000	11.82	88.28	0.00	88.28	
								10/12/2001 0000	3.41	96.69	0.00	96.69	
								11/6/2001 0000	3.43	96.67	0.00	96.67	
								12/12/2001 0000	3.89	96.21	0.00	96.21	
								11/3/2005 1114	2.79	97.31	0.00	97.31	
								11/16/2005 0000	3.46	96.64	0.00	96.64	
								12/6/2005 0000	3.38	96.72	0.00	96.72	
								3/9/2006 0000	3.35	96.75	0.00	96.75	
								6/14/2006 0000	6.06	94.04	0.00	94.04	
								9/13/2006 0000	3.95	96.15	0.00	96.15	
								12/12/2006 0000	5.87	94.23	0.00	94.23	
								3/13/2007 0000	7.36	92.74	0.00	92.74	
								6/29/2007 0000	3.75	96.35	0.00	96.35	
								9/19/2007 0000	7.62	92.48	0.00	92.48	
								12/11/2007 0000	7.21	92.89	0.00	92.89	
								3/18/2008 0000	4.13	95.97	0.00	95.97	
								6/9/2008 0000	7.44	92.66	0.00	92.66	
								9/23/2008 0000	6.99	93.11	0.00	93.11	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

B Backfill

L Lower Till / Confined Bedrock Unit

U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								12/30/2008 0000	6.98	93.12	0.00	93.12	
								3/31/2009 0000	4.49	95.61	0.00	95.61	
								6/16/2009 0000	6.51	93.59	0.00	93.59	
								9/15/2009 0000	5.64	94.46	0.00	94 46	
								12/8/2009 0000	2.84	97.26	0.00	97.26	
MW-08	1061061.953	1118900.487	100.10	100.10	99.65	U	1	7/16/2001 0000	3.39	96.26	0.00	96.26	
								11/6/2001 0000	1 55	98 10	0.00	98.10	
								12/12/2001 0000	1.82	97 83	0 00	97.83	Destroyed
PZ-01D	1061005.996	1118931.016	101.90		105.21	L	1	11/3/2005 1117	12.93	92.28	0 00	92.28	
								11/16/2005 0000	5 48	99.73	0.00	99 73	
								12/6/2005 0000	4.07	101.14	0 00	101 14	
								3/9/2006 0000	3.75	101.46	0.00	101.46	
								6/14/2006 0000	4 63	100.58	0.00	100 58	
								9/13/2006 0000	4.29	100 92	0.00	100.92	
								12/12/2006 0000	3.58	101.63	0.00	101 63	
								3/13/2007 0000	4.25	100.96	0.00	100.96	
								6/29/2007 0000	3.79	101.42	0.00	101 42	
								9/19/2007 0000	5.76	99.45	0.00	99.45	
								12/11/2007 0000	5 16	100.05	0.00	100.05	
								3/18/2008 0000	3.32	101.89	0.00	101.89	
								6/9/2008 0000	4 77	100 44	0.00	100.44	
								9/23/2008 0000	4.29	100.92	0 00	100.92	
								12/30/2008 0000	4.10	101.11	0.00	101.11	
								3/31/2009 0000	4.22	100.99	0.00	100.99	
								6/16/2009 0000	6.25	98.96	0.00	98.96	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								9/15/2009 0000	6.24	98.97	0.00	98.97	
								12/8/2009 0000	3.46	101.75	0.00	101.75	
PZ-01S	1061012.984	1118932.541	101.80		104.97	U	1	10/12/2001 0000	4.68	100.29	0.00	100.29	
								11/6/2001 0000	3.68	101.29	0.00	101.29	
								12/12/2001 0000	3.86	101.11	0.00	101.11	
								11/3/2005 1116	3.68	101.29	0.00	101.29	
								11/16/2005 0000	2.86	102.11	0.00	102.11	
								12/6/2005 0000	NM	-	NM	-	
								3/9/2006 0000	2.89	102.08	0.00	102.08	
								6/14/2006 0000	4.71	100.26	0.00	100.26	
								9/13/2006 0000	3.22	101.75	0.00	101.75	
								12/12/2006 0000	3.44	101.53	0.00	101.53	
								3/13/2007 0000	3.02	101.95	0.00	101.95	
								6/29/2007 0000	6.53	98.44	0.00	98.44	
								9/19/2007 0000	7.99	96.98	0.00	96.98	
								12/11/2007 0000	3.61	101.36	0.00	101.36	
								3/18/2008 0000	3.29	101.68	0.00	101.68	
								6/9/2008 0000	4.72	100.25	0.00	100.25	
								9/23/2008 0000	4.51	100.46	0.00	100.46	
								12/30/2008 0000	3.27	101.70	0.00	101.70	
								3/31/2009 0000	3.82	101.15	0.00	101.15	
								6/16/2009 0000	5.94	99.03	0.00	99.03	
								9/15/2009 0000	5.93	99.04	0.00	99.04	
								12/8/2009 0000	3.44	101.53	0.00	101.53	
PZ-02	1061103.019	1119054.805	101.37	NA	104.67	U	1	10/12/2001 0000	4.94	99.73	0.00	99.73	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								10/12/2001 0000	1.89	102.78	0.00	102.78	
								11/6/2001 0000	4.87	99.80	0.00	99.80	
								12/12/2001 0000	5.01	99.66	0 00	99.66	
								6/14/2006 0000	6.06	98 61	0.00	98.61	
PZ-02S	1060922.990	1118929.893	104 00		107.86	U	1	11/3/2005 1119	4.47	103.39	0.00	103 39	
								11/16/2005 0000	3.72	104.14	0.00	104.14	
								12/6/2005 0000	NM	-	NM	-	
								3/9/2006 0000	4.22	103.64	0.00	103.64	
								6/14/2006 0000	6.42	101.44	0.00	101 44	
								9/13/2006 0000	4.35	103 51	0.00	103.51	
								12/12/2006 0000	4.20	103.66	0.00	103.66	
								3/13/2007 0000	3.76	104.10	0.00	104 10	
								6/29/2007 0000	7.62	100.24	0.00	100.24	
								9/19/2007 0000	9 08	98 78	0 00	98.78	
								12/11/2007 0000	4.32	103.54	0.00	103 54	
								3/18/2008 0000	3.94	103.92	0.00	103.92	
								6/9/2008 0000	5.69	102 17	0.00	102.17	
								9/23/2008 0000	5.12	102.74	0.00	102 74	
								12/30/2008 0000	3.94	103.92	0.00	103.92	
								3/31/2009 0000	4.60	103.26	0.00	103.26	
								6/16/2009 0000	6 95	100.91	0.00	100 91	
								9/15/2009 0000	6.91	100.95	0.00	100.95	
								12/8/2009 0000	4.34	103.52	0.00	103.52	
PZ-03D	1061046.881	1119054.834	103.70		105.73	L	1	11/3/2005 1121	2.93	102.80	0.00	102.80	
								11/16/2005 0000	2.78	102.95	0.00	102.95	

NM - No Measurement

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Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								12/6/2005 0000	2.69	103.04	0.00	103.04	
								3/9/2006 0000	2.39	103.34	0.00	103.34	
								6/14/2006 0000	3.87	101.86	0.00	101.86	
								9/13/2006 0000	3.09	102.64	0.00	102.64	
								12/12/2006 0000	2.47	103.26	0.00	103.26	
								3/13/2007 0000	2.22	103.51	0.00	103.51	
								6/29/2007 0000	5.44	100.29	0.00	100.29	
								9/19/2007 0000	5.80	99.93	0.00	99.93	
								12/11/2007 0000	3.19	102.54	0.00	102.54	
								3/18/2008 0000	2.56	103.17	0.00	103.17	
								6/9/2008 0000	3.72	102.01	0.00	102.01	
								9/23/2008 0000	3.51	102.22	0.00	102.22	
								12/30/2008 0000	2.41	103.32	0.00	103.32	
								3/31/2009 0000	3.05	102.68	0.00	102.68	
								6/16/2009 0000	4.54	101.19	0.00	101.19	
								9/15/2009 0000	4.65	101.08	0.00	101.08	
								12/8/2009 0000	2.69	103.04	0.00	103.04	
PZ-03S	1061042.670	1119048.681	103.40		106.32	U	1	11/3/2005 1121	3.59	102.73	0.00	102.73	
								11/16/2005 0000	2.75	103.57	0.00	103.57	
								12/6/2005 0000	NM	-	NM	-	
								3/9/2006 0000	3.05	103.27	0.00	103.27	
								6/14/2006 0000	4.44	101.88	0.00	101.88	
								9/13/2006 0000	3.13	103.19	0.00	103.19	
								12/12/2006 0000	2.96	103.36	0.00	103.36	
								3/13/2007 0000	2.68	103.64	0.00	103.64	
								6/29/2007 0000	5.98	100.34	0.00	100.34	
								9/19/2007 0000	6.29	100.03	0.00	100.03	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

B Backfill

L Lower Till / Confined Bedrock Unit

U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								12/11/2007 0000	3.67	102.65	0.00	102.65	
								3/18/2008 0000	3.02	103.30	0.00	103 30	
								6/9/2008 0000	4.30	102.02	0.00	102.02	
								9/23/2008 0000	4 15	102 17	0.00	102 17	
								12/30/2008 0000	2.93	103.39	0.00	103.39	
								3/31/2009 0000	3.59	102 73	0.00	102.73	
								6/16/2009 0000	5.06	101 26	0.00	101 26	
								9/15/2009 0000	5.22	101 10	0.00	101 10	
								12/8/2009 0000	3.38	102.94	0.00	102.94	
PZ-04D	1061074.512	1118924.040	101.70		104.80	L	1	11/3/2005 1115	7 36	97 44	0.00	97 44	
								11/16/2005 0000	4.01	100 79	0.00	100 79	
								12/6/2005 0000	4.60	100.20	0.00	100.20	
								3/9/2006 0000	5.14	99 66	0.00	99.66	
								6/14/2006 0000	5 76	99.04	0 00	99.04	
								9/13/2006 0000	5 45	99.35	0.00	99.35	
								12/12/2006 0000	4.48	100.32	0.00	100.32	
								3/13/2007 0000	4 13	100.67	0.00	100.67	
								6/29/2007 0000	7.01	97.79	0.00	97.79	
								9/19/2007 0000	8.43	96.37	0.00	96.37	
								12/11/2007 0000	5.58	99.22	0.00	99.22	
								3/18/2008 0000	4.99	99.81	0.00	99.81	
								6/9/2008 0000	6.40	98.40	0.00	98.40	
								9/23/2008 0000	5.81	98.99	0.00	98.99	
								12/30/2008 0000	4.14	100.66	0.00	100.66	
								3/31/2009 0000	5.58	99.22	0.00	99.22	
								6/16/2009 0000	6.83	97.97	0.00	97 97	
								9/15/2009 0000	6.82	97.98	0.00	97.98	

NM - No Measurement

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Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								12/8/2009 0000	4.65	100.15	0.00	100.15	
PZ-04S	1061070.634	1118919.122	101.60		104.67	U	1	11/3/2005 1116	5.14	99.53	0.00	99.53	
								11/16/2005 0000	3.13	101.54	0.00	101.54	
								12/6/2005 0000	4.67	100.00	0.00	100.00	
								3/9/2006 0000	3.90	100.77	0.00	100.77	
								6/14/2006 0000	5.66	99.01	0.00	99.01	
								9/13/2006 0000	5.48	99.19	0.00	99.19	
								12/12/2006 0000	4.28	100.39	0.00	100.39	
								3/13/2007 0000	2.96	101.71	0.00	101.71	
								6/29/2007 0000	6.93	97.74	0.00	97.74	
								9/19/2007 0000	8.36	96.31	0.00	96.31	
								12/11/2007 0000	5.75	98.92	0.00	98.92	
								3/18/2008 0000	4.94	99.73	0.00	99.73	
								6/9/2008 0000	6.24	98.43	0.00	98.43	
								9/23/2008 0000	5.97	98.70	0.00	98.70	
								12/30/2008 0000	2.98	101.69	0.00	101.69	
								3/31/2009 0000	5.61	99.06	0.00	99.06	
								6/16/2009 0000	6.80	97.87	0.00	97.87	
								9/15/2009 0000	6.69	97.98	0.00	97.98	
								12/8/2009 0000	4.46	100.21	0.00	100.21	
PZ-05D	1061122.093	1119130.623	102.80		106.20	L	1	11/3/2005 1124	4.40	101.80	0.00	101.80	
								11/16/2005 0000	3.20	103.00	0.00	103.00	
								12/6/2005 0000	4.01	102.19	0.00	102.19	
								3/9/2006 0000	3.23	102.97	0.00	102.97	med as the water was froze
								6/14/2006 0000	5.07	101.13	0.00	101.13	

NM - No Measurement

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Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								9/13/2006 0000	4.61	101.59	0.00	101.59	
								12/12/2006 0000	3.93	102.27	0.00	102.27	
								3/13/2007 0000	4.01	102.19	0.00	102.19	
								6/29/2007 0000	6.20	100.00	0.00	100.00	
								9/19/2007 0000	7.06	99.14	0.00	99 14	
								12/11/2007 0000	4.21	101 99	0.00	101.99	
								3/18/2008 0000	3.91	102.29	0.00	102.29	
								6/9/2008 0000	5.38	100.82	0.00	100.82	
								9/23/2008 0000	4 39	101.81	0.00	101.81	
								12/30/2008 0000	3 74	102.46	0.00	102.46	
								3/31/2009 0000	4.26	101.94	0.00	101 94	
								6/16/2009 0000	5 73	100 47	0.00	100.47	
								9/15/2009 0000	5.64	100.56	0.00	100.56	
								12/8/2009 0000	3.91	102.29	0.00	102.29	
PZ-05S	1061118.252	1119127.382	103.00		105.43	U	1	11/3/2005 1124	3.65	101 78	0.00	101.78	
								11/16/2005 0000	2 45	102.98	0.00	102.98	
								12/6/2005 0000	3.28	102.15	0.00	102.15	
								3/9/2006 0000	2.32	103 11	0.00	103.11	med as the water was froze
								6/14/2006 0000	4 46	100.97	0 00	100.97	
								9/13/2006 0000	3.61	101.82	0.00	101.82	
								12/12/2006 0000	3.19	102.24	0.00	102.24	
								3/13/2007 0000	2.60	102.83	0.00	102.83	
								6/29/2007 0000	5.66	99.77	0.00	99.77	
								9/19/2007 0000	6.20	99.23	0.00	99.23	
								12/11/2007 0000	3.63	101.80	0.00	101 80	
								3/18/2008 0000	2.92	102.51	0.00	102.51	
								6/9/2008 0000	4.72	100 71	0.00	100 71	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

B Backfill

L Lower Till / Confined Bedrock Unit

U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								9/23/2008 0000	4.18	101.25	0.00	101.25	
								12/30/2008 0000	2.79	102.64	0.00	102.64	
								3/31/2009 0000	3.65	101.78	0.00	101.78	
								6/16/2009 0000	5.09	100.34	0.00	100.34	
								9/15/2009 0000	5.20	100.23	0.00	100.23	
								12/8/2009 0000	3.28	102.15	0.00	102.15	
PZ-06S	1061110.460	1118958.917	101.10		103.78	U	1	6/14/2005 0000	NM	-	NM	-	DESTROYED
								11/3/2005 1120	2.26	101.52	0.00	101.52	
								3/9/2006 0000	NM	-	NM	-	Destroyed
								9/13/2006 0000	NM	-	NM	-	Destroyed
								12/12/2006 0000	NM	-	NM	-	Destroyed
								3/13/2007 0000	NM	-	NM	-	
PZ-07D	1061167.578	1119102.081	102.50		105.10	L	1	11/3/2005 1128	4.42	100.68	0.00	100.68	
								11/16/2005 0000	3.88	101.22	0.00	101.22	
								12/6/2005 0000	4.31	100.79	0.00	100.79	
								3/9/2006 0000	4.37	100.73	0.00	100.73	
								6/14/2006 0000	4.81	100.29	0.00	100.29	
								9/13/2006 0000	4.55	100.55	0.00	100.55	
								12/12/2006 0000	4.21	100.89	0.00	100.89	
								3/13/2007 0000	3.59	101.51	0.00	101.51	
								6/29/2007 0000	6.19	98.91	0.00	98.91	
								9/19/2007 0000	7.48	97.62	0.00	97.62	
								12/11/2007 0000	4.47	100.63	0.00	100.63	
								3/18/2008 0000	4.14	100.96	0.00	100.96	
								6/9/2008 0000	5.05	100.05	0.00	100.05	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								9/23/2008 0000	4.74	100.36	0.00	100.36	
								12/30/2008 0000	4.08	101.02	0.00	101.02	
								3/31/2009 0000	4.59	100.51	0.00	100.51	
								6/16/2009 0000	5.27	99.83	0.00	99.83	
								9/15/2009 0000	5.38	99.72	0.00	99.72	
								12/8/2009 0000	3.82	101.28	0.00	101.28	
PZ-07S	1061164.596	1119093.524	102.30		105.25	U	1	11/3/2005 1128	4.60	100.65	0.00	100.65	
								11/16/2005 0000	3.93	101.32	0.00	101.32	
								12/6/2005 0000	4.39	100.86	0.00	100.86	
								3/9/2006 0000	4.42	100.83	0.00	100.83	
								6/14/2006 0000	4.85	100.40	0.00	100.40	
								9/13/2006 0000	4.38	100.87	0.00	100.87	
								12/12/2006 0000	4.22	101.03	0.00	101.03	
								3/13/2007 0000	4.36	100.89	0.00	100.89	
								6/29/2007 0000	5.88	99.37	0.00	99.37	
								9/19/2007 0000	6.37	98.88	0.00	98.88	
								12/11/2007 0000	4.55	100.70	0.00	100.70	
								3/18/2008 0000	3.89	101.36	0.00	101.36	
								6/9/2008 0000	5.09	100.16	0.00	100.16	
								9/23/2008 0000	4.68	100.57	0.00	100.57	
								12/30/2008 0000	3.93	101.32	0.00	101.32	
								3/31/2009 0000	4.57	100.68	0.00	100.68	
								6/16/2009 0000	5.29	99.96	0.00	99.96	
								9/15/2009 0000	5.41	99.84	0.00	99.84	
								12/8/2009 0000	4.38	100.87	0.00	100.87	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
PZ-08S	1061182.870	1119044.295	101.70		105.08	U	1	11/3/2005 1130	4.57	100.51	0.00	100.51	
								11/16/2005 0000	3.33	101.75	0.00	101.75	
								12/6/2005 0000	4.22	100.86	0.00	100.86	
								3/9/2006 0000	3.52	101.56	0.00	101.56	
								6/14/2006 0000	5.08	100.00	0.00	100.00	
								9/13/2006 0000	3.91	101.17	0.00	101.17	
								12/12/2006 0000	4.02	101.06	0.00	101.06	
								3/13/2007 0000	3.36	101.72	0.00	101.72	
								6/29/2007 0000	6.29	98.79	0.00	98.79	
								9/19/2007 0000	7.62	97.46	0.00	97.46	
								12/11/2007 0000	4.61	100.47	0.00	100.47	
								3/18/2008 0000	4.18	100.90	0.00	100.90	
								6/9/2008 0000	5.11	99.97	0.00	99.97	
								9/23/2008 0000	4.74	100.34	0.00	100.34	
								12/30/2008 0000	4.11	100.97	0.00	100.97	
								3/31/2009 0000	4.61	100.47	0.00	100.47	
								6/16/2009 0000	5.52	99.56	0.00	99.56	
								9/15/2009 0000	5.67	99.41	0.00	99.41	
								12/8/2009 0000	4.56	100.52	0.00	100.52	
PZ-09S	1061205.909	1119167.589	102.60		106.38	U	1	11/3/2005 1125	5.04	101.34	0.00	101.34	
								11/16/2005 0000	4.02	102.36	0.00	102.36	
								12/6/2005 0000	4.99	101.39	0.00	101.39	
								3/9/2006 0000	5.16	101.22	0.00	101.22	
								6/14/2006 0000	6.14	100.24	0.00	100.24	
								9/13/2006 0000	5.68	100.70	0.00	100.70	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								12/12/2006 0000	4 75	101.63	0.00	101 63	
								3/13/2007 0000	4.64	101.74	0.00	101.74	
								6/29/2007 0000	7 19	99.19	0 00	99 19	
								9/19/2007 0000	8.98	97 40	0.00	97.40	
								12/11/2007 0000	5.01	101 37	0.00	101.37	
								3/18/2008 0000	4 46	101.92	0 00	101 92	
								6/9/2008 0000	6.03	100 35	0.00	100.35	
								9/23/2008 0000	5.09	101.29	0.00	101 29	
								12/30/2008 0000	4.56	101 82	0.00	101.82	
								3/31/2009 0000	5.13	101 25	0.00	101 25	
								6/16/2009 0000	6 96	99 42	0.00	99 42	
								9/15/2009 0000	6.83	99.55	0.00	99.55	
								12/8/2009 0000	4.84	101.54	0.00	101.54	
RW-01	1061171.187	1118970.030	101.10	104.05	103.90	B	1	11/16/2005 0000	2 31	101 59	0.00	101.59	
								12/6/2005 0000	2.69	101.21	0.00	101 21	
								3/9/2006 0000	2.22	101.68	0.00	101 68	
								6/14/2006 0000	3.21	100.69	0.00	100.69	
								9/13/2006 0000	2.54	101.36	0.00	101.36	
								12/12/2006 0000	2.59	101.31	0.00	101.31	
								3/13/2007 0000	2.34	101.56	0.00	101 56	
								6/29/2007 0000	4.21	99.69	0.00	99.69	
								9/19/2007 0000	5 11	98.79	0.00	98.79	
								12/11/2007 0000	3.02	100.88	0.00	100.88	
								3/18/2008 0000	2.52	101 38	0.00	101.38	
								6/9/2008 0000	3.45	100.45	0.00	100.45	
								9/23/2008 0000	3.16	100 74	0.00	100.74	
								12/30/2008 0000	2.43	101.47	0.00	101.47	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

B Backfill

L Lower Till / Confined Bedrock Unit

U Upper Till / Unconfined Unit

TABLE 2-6
FORMER DOWELL SITE
HISTORICAL GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Specific Gravity	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
								3/31/2009 0000	2.61	101.29	0.00	101.29	
								6/16/2009 0000	3.61	100.29	0.00	100.29	
								9/15/2009 0000	3.76	100.14	0.00	100.14	
								12/8/2009 0000	2.59	101.31	0.00	101.31	
RW-02	1061104.123	1119044.860	102.20	104.90	104.72	B	1	11/16/2005 0000	3.02	101.70	0.00	101.70	
								12/6/2005 0000	3.40	101.32	0.00	101.32	
								3/9/2006 0000	2.86	101.86	0.00	101.86	
								6/14/2006 0000	4.01	100.71	0.00	100.71	
								9/13/2006 0000	3.32	101.40	0.00	101.40	
								12/12/2006 0000	3.36	101.36	0.00	101.36	
								3/13/2007 0000	3.10	101.62	0.00	101.62	
								6/29/2007 0000	5.02	99.70	0.00	99.70	
								9/19/2007 0000	5.93	98.79	0.00	98.79	
								12/11/2007 0000	3.83	100.89	0.00	100.89	
								3/18/2008 0000	3.30	101.42	0.00	101.42	
								6/9/2008 0000	4.29	100.43	0.00	100.43	
								9/23/2008 0000	3.95	100.77	0.00	100.77	
								12/30/2008 0000	3.15	101.57	0.00	101.57	
								3/31/2009 0000	3.55	101.17	0.00	101.17	
								6/16/2009 0000	4.40	100.32	0.00	100.32	
								9/15/2009 0000	4.58	100.14	0.00	100.14	
								12/8/2009 0000	3.35	101.37	0.00	101.37	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:

B Backfill
L Lower Till / Confined Bedrock Unit
U Upper Till / Unconfined Unit

APPENDIX A

DECLARATION OF COVENANTS AND RESTRICTIONS

DECLARATION of COVENANTS and RESTRICTIONS

THIS COVENANT, made the 20th day of April 2005, by Schlumberger Technology Corporation, a Texas Corporation having an office at 300 Schlumberger Drive, Sugar Land, Texas 77478:

WHEREAS, the former Dowell Facility Site is the subject of a Voluntary Agreement ("Agreement"), executed by Commissioner John P. Cahill, New York State Department of Environmental Conservation (the "Department"), as part of the Department's Voluntary Cleanup Program, namely that parcel of real property located at 3311-3315 Walden Avenue in the Town of Depew, New York, County of Erie, which is part of lands conveyed by Dow Chemical Company to Schlumberger Technology Corporation ("Schlumberger") by deed dated April 13, 1984 and recorded in the Erie County Clerk's Office on November 16, 1989 in Book 010104 of Deeds at Page 433 and being more particularly described in Appendix "A," attached to this declaration and made a part hereof, and hereinafter referred to as "the Property"; and

WHEREAS, the Department approved a remedy to eliminate or mitigate all significant threats to the environment presented by the contamination disposed at the Property and such remedy requires that the Property be subject to restrictive covenants.

NOW, THEREFORE, Schlumberger, for itself and its successors and/or assigns, covenants that:

First, the Property subject to this Declaration of Covenants and Restrictions, is as shown on a map attached to this declaration as Appendix "B" and made a part hereof, and consists of the property described in the deeds attached hereto at Appendix "A".

Second, unless prior written approval by the Department or, if the Department shall no longer exist, any New York State agency or agencies subsequently created to protect the environment of the State and the health of the State's citizens, hereinafter referred to as "the Relevant Agency," is first obtained, there shall be no construction, use or occupancy of the Property that results in the disturbance or excavation of the Property, which threatens the integrity of the soil cover, or which results in unacceptable human exposure to contaminated soils.

Third, the owner of the Property shall be responsible for implementation of the Operation and Maintenance Plan as stipulated in Section 7.0 – Operation and Maintenance Plan located on page 7-1 of the "Remedial Action Report, for the Former Dowell facility 3311-3315 Walden Avenue, Depew, New York, Dated July 2004, authored by URS Corporation or implement any modifications to the Operation and Maintenance Plan after obtaining written approval of the Relevant Agency.

Fourth, the owner of the Property shall prohibit the Property from ever being used for purposes other than for restricted industrial use without the express written waiver of such prohibition by the Relevant Agency.

Fifth, the owner of the Property shall prohibit the use of the groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from the Relevant Agency.

Sixth, the owner of the Property shall continue in full force an effect, the prohibition against uses other than restricted commercial and/or industrial uses, and shall assure that any requirements stipulated in the Operation and Maintenance Plan, remains as institutional and engineering controls required under the Agreement, and shall continue to implement and annually report on the status, results and effectiveness of the operation, monitoring and maintenance requirements to the Relevant Agency unless the owner first obtains permission to discontinue such controls from the Relevant Agency.

Seventh, this Declaration is and shall be deemed a covenant that shall run with the land and shall be binding upon all future owners of the Property, and shall provide that the owner, and its successors and assigns, consents to enforcement by the Relevant Agency of the prohibitions and restrictions that Paragraph X of the Agreement requires to be recorded, and hereby covenants not to contest the authority of the Relevant Agency to seek enforcement.

Eighth, any deed of conveyance of the Property, or any portion thereof, shall recite, unless the Relevant Agency has consented to the termination of such covenants and restrictions, that said conveyance is subject to this Declaration of Covenants and Restrictions.

IN WITNESS WHEREOF, the undersigned has executed this instrument the day written below.

SCHLUMBERGER TECHNOLOGY CORPORATION

Dated: 04-29-05 By: _____

John Yearwood, President

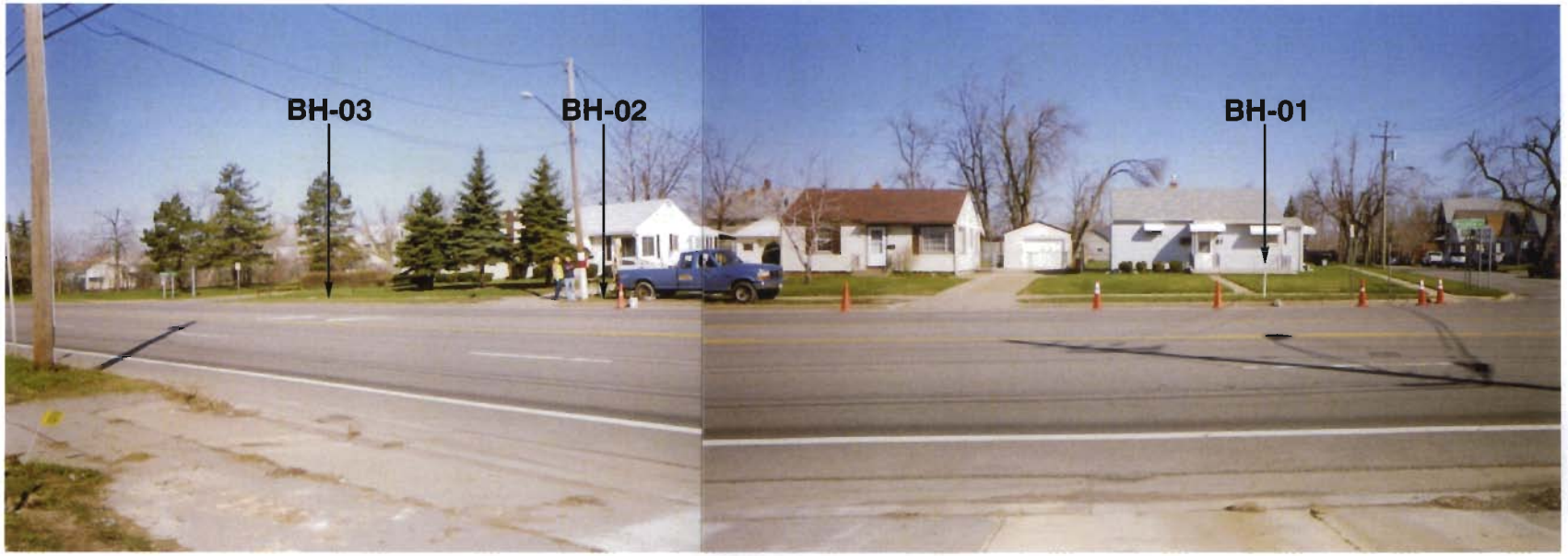
APPENDIX B

OFF-SITE GROUNDWATER SAMPLING

APPENDIX B-1

PHOTOGRAPHS

Off-site groundwater sampling - BH-01.
Typical temporary piezometer installation.



Off-site groundwater sampling (looking north from MW-6S/D).

APPENDIX B-2

TEST BORING LOGS

URS Corporation

TEST BORING LOG

PROJECT:	Former Dowell Facility, 3311 Walden Avenue, Depew NY
CLIENT:	Schlumberger Technology Corporation
BORING CONTRACTOR:	NWECC
BORING NO:	BH-01
SHEET:	1 of 1
JOB NO.:	11171084.00000
BORING LOCATION:	Waldon/Lincoln
GROUND ELEVATION:	
DATE STARTED:	04/17/08
DATE FINISHED:	04/17/08
DRILLER:	Eric
SCIENTIST:	Scott McCone
REVIEWED BY:	

GROUNDWATER:			CAS.	SAMPLER	CORE	TUBE
DATE	TIME	LEVEL	TYPE	Macrocore		
4/17	1200	12.83 ft bgs	DIA.	2"		
			WT.	--		
			FALL	--		
			* POCKET PENETROMETER READING			

DEPTH FEET	SAMPLE STRATA	NO.	TYPE	BLOWS PER 6"	REC% RQD%	DESCRIPTION COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	REMARKS PID	Moist
						BN	Soft	Top soil		0.0	D
		1	2" MC		100	BN	Soft	Silty clay with fine sands		0.0	D
5		2	2" MC		100	BN	Medium	Silty clay with fine sands		0.0	D
10		3	2" MC		100	BN	Medium	Silty clay with fine sands		0.0	M
15		4	2" MC		100	BN	Soft	Silty clay with fine sands		0.0	M
20		5	2" MC		100	BN	Soft	Till with gravels and sands		0.0	M
		6	2" MC		100	BN	Soft	Till with gravels and sands		0.0	W
25								Borehole terminated at 24.0 feet bgs			
30											

COMMENTS: Geoprobe 5400 using 2" macrocore to a depth of 24 feet bgs

PROJECT NO.	11171084.00000
BORING NO.	BH-01

URS Corporation

TEST BORING LOG

PROJECT:	Former Dowell Facility, 3311 Walden Avenue, Depew NY
CLIENT:	Schlumberger Technology Corporation
BORING CONTRACTOR:	NWECC
BORING NO:	BH-02
SHEET:	1 of 1
JOB NO.:	11171084.00000
BORING LOCATION:	3316 Waldon
GROUND ELEVATION:	
DATE STARTED:	04/17/08
DATE FINISHED:	04/17/08
DRILLER:	Eric
SCIENTIST:	Scott McCone
REVIEWED BY:	

GROUNDWATER:			CAS.	SAMPLER	CORE	TUBE
DATE	TIME	LEVEL	TYPE		Macrocore		
4/17	1215	12.45 ft bgs	DIA.		2"		
			WT.		--		
			FALL		--		
			* POCKET PENETROMETER READING				

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6"	REC% RQD%	DESCRIPTION COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	REMARKS PID	REMARKS Moist
						BN	Soft	Top soil 0.0 to 1.0 feet		0.0	D
		1	2" MC		100	BN	Soft	Silty clay with fine sands		0.0	D
5		2	2" MC		100	BN	Medium	Silty clay with fine sands		0.0	M
10		3	2" MC		80	BN	Medium	Silty clay with fine sands		0.0	M
15		4	2" MC		100	BN	Soft	Silty clay with fine sands		0.0	W
20		5	2" MC		100	BN	Soft	Till with gravels and sands		0.0	W
25								Borehole terminated at 20.0 feet bgs			
30											

COMMENTS:	Geoprobe 5400 using 2" macrocore to a depth of 20 feet bgs	PROJECT NO. 11171084.00000
		BORING NO. BH-02

URS Corporation

TEST BORING LOG

BORING NO:	BH-03
PROJECT:	Former Dowell Facility, 3311 Walden Avenue, Depew NY
SHEET:	1 of 1
CLIENT:	Schlumberger Technology Corporation
JOB NO.:	11171084.00000
BORING CONTRACTOR:	NWECC
BORING LOCATION:	Waldon/Brewster

GROUNDWATER:			CAS.	SAMPLER	CORE	TUBE
DATE	TIME	LEVEL	TYPE	Macrocore		
4/17	1230	12.42 ft bgs	DIA.	2"		
			WT.	–		
			FALL	--		
			* POCKET PENETROMETER READING			

GROUND ELEVATION:	
DATE STARTED:	04/17/08
DATE FINISHED:	04/17/08
DRILLER:	Eric
SCIENTIST:	Scott McCone
REVIEWED BY:	

DEPTH FEET	SAMPLE STRATA	NO.	TYPE	BLOWS PER 6"	REC% RQD%	DESCRIPTION COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	REMARKS PID	REMARKS Moist
						BN	Soft	Top soil 0.0 to 1.0 feet		0.0	D
		1	2" MC		95	BN	Soft	Silty clay with fine sands		0.0	D
5		2	2" MC		100	BN	Medium	Silty clay with fine sands		0.0	D
10		3	2" MC		100	BN	Medium	Silty clay with fine sands		0.0	M
						GR	Hard	Angular gravel		0.0	W
15		4	2" MC		100	BN	Soft	Till with gravels and sands		0.0	W
20		5	2" MC		100	BN	Soft	Till with gravels and sands		0.0	W
25								Borehole terminated at 20.0 feet bgs			
30											

COMMENTS:	Geoprobe 5400 using 2" macrocore to a depth of 20 feet bgs	PROJECT NO. 11171084.00000
		BORING NO. BH-03

APPENDIX B-3

FIELD NOTES

PROJECT Former Dowell Site 11171084.00000 Continued From Page ---

THURSDAY APRIL 17, 2008

0715 Scott McCone (URS) arrived at the former Dowell facility to monitor the installation of boreholes on the north side of Walden Avenue between Lincoln Street and Brewster Street.

0800 Nature's Way Environmental Contractors and Consultants, Inc. (NWECC) arrived on site. URS verified that the area had been cleared for buried utilities.

0810 NWECC erected traffic signage and placed traffic cones along the shoulder of Walden Avenue.

0815 NWECC set up at borehole BH01 and, using a Geoprobe, commenced collecting continuous soil samples with a Macrocore Sampler.

0840 David Szymanski (NYSDEC) arrived on site.

0905 NWECC completed boring to 24 feet BGS. None of the soil screened with a PID had readings above 0.0 ppm and none of the soil had a chemical odor. NWECC commenced installing a one-inch piezometer.

0910 Bob Henschel (URS) arrived on site.

0915 NWECC completed installing a one-inch piezometer in borehole BH01.

0920 NWECC moved to borehole BH02.

0930 NWECC commenced collecting continuous soil samples with a Macrocore Sampler.

1015 NWECC completed boring to 20 feet BGS. None of the soil screened with a PID had readings above 0.0 ppm and none of the soil had a chemical odor. NWECC commenced installing a one-inch piezometer.

1020 NWECC completed installing a one-inch piezometer in borehole BH02.

1025 NWECC moved to borehole BH03.

1030 NWECC commenced collecting continuous soil samples with a Macrocore Sampler.

1110 NWECC completed boring to 20 feet BGS. None of the soil screened with a PID had readings above 0.0 ppm and none of the soil had a chemical odor. NWECC commenced installing a one-inch piezometer.

1120 Bob Henschel and David Szymanski departed the site.

1125 NWECC departed the site.

1155 URS measured the depth to water in the three piezometers

Borehole #	Stick up (ft)	Depth to water (TOC)	Depth to water (BGS)
BH01	3.29	16.12	12.83
BH02	0.80	13.25	12.45
BH03	1.29	13.71	12.42

1200 URS collected sample BH01-04/08 from borehole BH01 and placed the sample in an ice filled cooler.

1215 URS collected sample BH02-04/08 from borehole BH02 and placed the sample in an ice filled cooler

Continued on Page

Read and Understood By

Scott McCone 4/17/08

Signed Date Signed Date

PROJECT FORMER DOWELL SITE 11171089.00000 Notebook No. ____

Continued From Page ____

THURSDAY APRIL 17, 2008

1230 URS COLLECTED SAMPLE BH03-04/07 FROM BOREHOLE BH03 AND PLACED THE SAMPLE IN AN ICE FILLED COOLER

1245 URS DEPARTED THE SITE TO DELIVER THE SAMPLES TO FEDEX

1300 URS DELIVERED THE SAMPLES TO FEDEX FOR SHIPMENT TO ADIRONDACK ENVIRONMENTAL SERVICES UNDER AIRBILL 8624 0751 9660.

1315 URS RETURNED TO THE SITE. NWECC WAS ON SITE FILLING RUTS WITH TOP SOIL.

1320 URS PULLED THE PIEZOMETERS OUT OF THE BOREHOLES AND NWECC FILLED THE BOREHOLES WITH BENTONITE CHIPS.

1330 NWECC COMPLETED FILLING THE BOREHOLES, COVERED THE BOREHOLES WITH TOP SOIL, AND SEEDED THE DISTURBED AREAS.

1335 NWECC AND URS DEPARTED THE SITE.

[signature] 4/17/08

Continued on Page ____

Read and Understood By

[signature] 4/17/08

Signed Date Signed Date

APPENDIX B-4

ANALYTICAL DATA

Adirondack Environmental Services, Inc.

Experience is the solution

314 North Pearl Street • Albany, New York 12207
(800) 848-4983 • (518) 434-4546 • Fax (518) 434-0891

April 25, 2008

Bob Henschel
URS Consultants Inc.
77 Goodell Street
Buffalo, NY 14203

TEL: (716) 856-5636
FAX: (716) 856-2545

Work Order No: 080418014

RE: Dowell Site

Dear Bob Henschel:

Adirondack Environmental Services, Inc received 4 samples on 4/18/2008 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Tara Daniels
Laboratory Manager

ELAP#: 10709
AIHA#: 100307

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *25-Apr-08*

CLIENT: URS Consultants Inc.
Work Order: 080418014
Reference: Dowell Site /
PO#:

Client Sample ID: BH01-04/08
Collection Date: 4/17/2008
Lab Sample ID: 080418014-001
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/24/2008 2:05:00 PM
Bromomethane	< 10	10		µg/L	1	4/24/2008 2:05:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/24/2008 2:05:00 PM
Chloroethane	< 10	10		µg/L	1	4/24/2008 2:05:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Acetone	64	10		µg/L	1	4/24/2008 2:05:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
2-Butanone	< 10	10		µg/L	1	4/24/2008 2:05:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/24/2008 2:05:00 PM
2-Hexanone	< 10	10		µg/L	1	4/24/2008 2:05:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/24/2008 2:05:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *25-Apr-08*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	BH01-04/08
Work Order:	080418014	**Collection Date:**	4/17/2008
Reference:	Dowell Site /	**Lab Sample ID:**	080418014-001
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Cyclohexane	< 10	10		µg/L	1	4/24/2008 2:05:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/24/2008 2:05:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 2:05:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *25-Apr-08*

CLIENT: URS Consultants Inc.
Work Order: 080418014
Reference: Dowell Site /
PO#:

Client Sample ID: BH02-04/08
Collection Date: 4/17/2008
Lab Sample ID: 080418014-002
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	4/24/2008 1:18:00 PM
Bromomethane	< 10	10		µg/L	1	4/24/2008 1:18:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/24/2008 1:18:00 PM
Chloroethane	< 10	10		µg/L	1	4/24/2008 1:18:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Acetone	56	10		µg/L	1	4/24/2008 1:18:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
2-Butanone	< 10	10		µg/L	1	4/24/2008 1:18:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/24/2008 1:18:00 PM
2-Hexanone	< 10	10		µg/L	1	4/24/2008 1:18:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/24/2008 1:18:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *25-Apr-08*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	BH02-04/08
Work Order:	080418014	**Collection Date:**	4/17/2008
Reference:	Dowell Site /	**Lab Sample ID:**	080418014-002
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Cyclohexane	< 10	10		µg/L	1	4/24/2008 1:18:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/24/2008 1:18:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:18:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *25-Apr-08*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	BH03-04/08
Work Order:	080418014	**Collection Date:**	4/17/2008
Reference:	Dowell Site /	**Lab Sample ID:**	080418014-003
PO#:		**Matrix:**	GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	4/24/2008 1:41:00 PM
Bromomethane	< 10	10		µg/L	1	4/24/2008 1:41:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/24/2008 1:41:00 PM
Chloroethane	< 10	10		µg/L	1	4/24/2008 1:41:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Acetone	92	10		µg/L	1	4/24/2008 1:41:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
2-Butanone	< 10	10		µg/L	1	4/24/2008 1:41:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/24/2008 1:41:00 PM
2-Hexanone	< 10	10		µg/L	1	4/24/2008 1:41:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/24/2008 1:41:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *25-Apr-08*

CLIENT: URS Consultants Inc.
Work Order: 080418014
Reference: Dowell Site /
PO#:

Client Sample ID: BH03-04/08
Collection Date: 4/17/2008
Lab Sample ID: 080418014-003
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: ML
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Cyclohexane	< 10	10		µg/L	1	4/24/2008 1:41:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/24/2008 1:41:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 1:41:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *25-Apr-08*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	Trip Blanks
Work Order:	080418014	**Collection Date:**	4/17/2008
Reference:	Dowell Site /	**Lab Sample ID:**	080418014-004
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	4/24/2008 12:32:00 PM
Bromomethane	< 10	10		µg/L	1	4/24/2008 12:32:00 PM
Vinyl chloride	< 10	10		µg/L	1	4/24/2008 12:32:00 PM
Chloroethane	< 10	10		µg/L	1	4/24/2008 12:32:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Acetone	< 10	10		µg/L	1	4/24/2008 12:32:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Chloroform	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
2-Butanone	< 10	10		µg/L	1	4/24/2008 12:32:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Benzene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Bromoform	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	4/24/2008 12:32:00 PM
2-Hexanone	< 10	10		µg/L	1	4/24/2008 12:32:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Toluene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Styrene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	4/24/2008 12:32:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *25-Apr-08*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	Trip Blanks
Work Order:	080418014	**Collection Date:**	4/17/2008
Reference:	Dowell Site /	**Lab Sample ID:**	080418014-004
PO#:		**Matrix:**	WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Cyclohexane	< 10	10		µg/L	1	4/24/2008 12:32:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	4/24/2008 12:32:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	4/24/2008 12:32:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

080418 014

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11171084.00000

SITE NAME Former Daicel Site

SAMPLERS (PRINT/SIGNATURE) Scott W. McCune

LAB Adirondack Env. Svs

COOLER 1 of 1

PAGE 1 of 1

DELIVERY SERVICE: FedEx AIRBILL NO.: 862407519660

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO # OF CONTAINERS	TESTS: TCL VOC (8260)	BOTTLE TYPE AND PRESERVATIVE: 40 mL VOA HCl	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD QC NO # (PERIMS)
001	4/17/08	1200	Grab	BH01-04/08	WG	2	2			N1	-	-	-
002	4/17/08	1215	Grab	BH02-04/08	WG	2	2			N1	-	-	-
003	4/17/08	1230	Grab	BH03-04/08	WG	2	2			N1	-	-	-
004	4/17/08			Trip Blanks (*)		2							
				COC									

MATRIX CODES

AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES

TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
Scott McCune	4/17/08	1300			
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME
			J. Michaels	4/18/08	9:36 AM

SPECIAL INSTRUCTIONS

Fed Ex

(*) Trip Blanks added to COC by AES.

Bob Henschel
URS Corp
77 Goodell St
Buffalo NY 14203
(716) 856-5636

Distribution: Original accompanies shipment, copy to coordinator field files

APPENDIX C

IN-SITU CHEMICAL OXIDATION

APPENDIX C-1

TEST BORING LOGS

URS Corporation

TEST BORING LOG

BORING NO:	IW-01S
PROJECT:	Former Dowell Facility, Depew NY
SHEET:	1 of 1
CLIENT:	Dowell Schlumberger Incorporated
JOB NO.:	11175848.00000
BORING CONTRACTOR:	Nature's Way Environmental Consultant's and Contractors
BORING LOCATION:	
GROUNDWATER:	
GROUND ELEVATION:	
DATE STARTED:	06/02/09
DATE FINISHED:	06/02/09
DRILLER:	Steve Gingrich
GEOLOGIST:	Scott McCone
REVIEWED BY:	Bob Henschel

DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER	CORE	TUBE
6/2/2009	1100	15.5 ft		DIA.	6.25"	2"		
				WT.	-	140#		
				FALL	-	30"		
				* POCKET PENETROMETER READING				

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6"	REC% RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	REMARKS PID	REMARKS
				12 55	25%	Gray Brown	Very Dense	FILL: crushed slag, gravel, ash, brick fragments and chunks of slag steel	FILL	0.0	Moist
				64 22							Wet
		1	SS	8 12	80%	Red Brown	Very Stiff	Silty CLAY, trace gray mottles	CL	0.0	Dry to Moist
				14 17							
5		2	SS	5 10	80%					0.0	
				17 18				- trace fine subangular to subrounded gravel, trace black organic specks (m-sand sized)			
		3	SS	4 9	85%	Brown				0.0	
				14 18				-trace coarse sand (rounded)			
		4	SS	4 9	100%					0.0	
10				16 19				-Iron staining and black organic specks (9.8-10.0')			
		5	SS	4 8	90%					0.0	
				10 12				- Iron staining on vertical dessication crack (11.8-12.0'), more plastic (13-14')			
		6	SS	2 3	100%		Stiff to Firm			0.0	Very moist to wet
				5 8				13.5'-15.0': Silty Clay with alternating 2-5mm thick gray silt beds.			
15		7	SS	2 3	100%					0.0	
				4 6		Gray Brown		Clayey SILT, some fine to coarse sand and fine subangular to subrounded gravel (Till). Plastic	ML		
		8	SS	2 4	100%					0.0	
				5 7		Gray/ Red Brown					
		9	SS	2 3	100%					0.0	
20				4 7							
								End of boring 20.5'			
25											
30											
35											

Comments: Boring advanced with Mobile Drill B-57 drill rig using 6.25-inch ID HSAs and 2" split spoons to 20.5'. Set 2" PVC well at 20' with 15' screen and 8' riser.

PROJECT NO. 11175848.00000

BORING NO. IW-01S

URS Corporation

TEST BORING LOG

BORING NO:	IW-04D
SHEET:	1 of 1
JOB NO.:	11175848 00000
BORING LOCATION:	
GROUND ELEVATION:	
DATE STARTED:	06/03/09
DATE FINISHED:	06/03/09
DRILLER:	Steve Gingrich
GEOLOGIST:	Scott McCone
REVIEWED BY:	Bob Henschel

PROJECT: Former Dowell Facility
CLIENT: Dowell Schlumberger Inc
BORING CONTRACTOR: Nature's Way Environmental Consultant's & Contractors

GROUNDWATER:

DATE	TIME	LEVEL	TYPE
06/03/09	0720	15 5 ft	Static

	CAS.	SAMPLER	CORE	TUBE
TYPE	HSA	Split spoon		
DIA.	4 1/4"	2"		
WT.		140#		
FALL		30"		

* POCKET PENETROMETER READING

SAMPLE						DESCRIPTION					
DEPTH FEET	STRATA	NO.	TYPE	BLOWS PER 6"	REC% RQD%	COLOR	CONSIST HARD	MATERIAL DESCRIPTION	USCS	REMARKS PID	REMARKS MOISTURE
		1	SS					0 0-20 0 See log IW-01S			
		2	SS								
5		3	SS								
		4	SS								
		5	SS								
10		6	SS								
		7	SS								
15		8	SS								
		9	SS								
20		10	SS								
		11	SS	3 7 8 12	100%	Red-Brown	Stiff to Firm	Clayey SILT, some fine to coarse sand and fine subangular to subrounded gravel (Till) Plastic	ML	0 0	Very moist to wet
		12	SS	1 4 7 7	90%					0 0	
25		13	SS	1 3 5 8	80%			coarse gravel-size angular limestone fragment		0 0	
		14	SS	1 5 7 10	75%					0.0	
		15	SS	2 5 6 10	75%					0 0	
30											
		16	SS					End boring at 30' BGS			
		17	SS								
35		18	SS								

Comments: Boring advanced with Mobile Drill B-57 drill ng using 6 25-inch ID HSAs and 2" split spoons to 30' Set 2" PVC well at 30' with 10' screen and 23' riser Sample IW-04-06/09 collected from the 25 0- to 25 5-foot interval

PROJECT NO.	11175848 00000
BORING NO.	IW-04D

APPENDIX C-2

FIELD NOTES

TUESDAY JUNE 2, 2009

0800 SCOTT MCCONE (URS) ARRIVED AT THE FORMER DOWELL SITE TO INSTALL INJECTION WELLS UPGRADIENT OF THE MONITORING WELLS MW-06S AND MW-06D.

0815 STEVE GINGRICH (NWECC) ARRIVED ON SITE WITH A MOBILE DRILL MODEL B-57 DRILL RIG TO INSTALL THE INJECTION WELLS. URS LOCATED THE THREE SHALLOW INJECTION WELLS (IW-01, IW-02, AND IW-03) IN THE VICINITY OF MONITORING WELL MW-06S.

0830 NWECC SET UP AT INJECTION WELL IW-01.

0835 URS CONTACTED KATHY WAGER (ADIRONDACK ENVIRONMENTAL SERVICES) AND ARRANGED TO HAVE SAMPLE CONTAINERS DELIVERED TO THE SITE.

0840 URS CALIBRATED THE MINIRAE PID.

0850 NWECC COMMENCED AUGERING WITH 6.25-INCH HSAS AND COLLECTING CONTINUOUS SPLIT SPOON SAMPLES TO 20 FEET BGS. FILL CONSISTING OF SLAG, GRAVEL, ASH, BRICK FRAGMENTS, AND STEEL FRAGMENTS PRESENT IN THE 0.0- TO 2.0-FOOT INTERVAL. SILTY CLAY WITH TRACES OF GRAY MOTTLES AND VERTICAL SEAMS OF TAN CLAY PRESENT IN THE 2.0- TO 13.5-FOOT INTERVAL. SILTY CLAY WITH GRAY SILT BEDS PRESENT IN THE 13.5- TO 15.0-FOOT INTERVAL. CLAYEY SILT WITH SOME MEDIUM TO COARSE SAND AND FINE ROUNDED TO SUBROUNDED GRAVELS PRESENT IN THE 15.0- TO 20.0-FOOT INTERVAL. WATER ENCOUNTERED AT 15.5 FEET BGS. NO PID READINGS ABOVE BACKGROUND WERE DETECTED IN THE SOIL.

0905 BOB HENSCHEL (URS) ARRIVED ON SITE.

1115 NWECC COMPLETING AUGERING AND SPLIT SPOON SAMPLING TO 20 FEET BGS.

1130 NWECC COMMENCED INSTALLING A TWO-INCH ID PVC WELL CONSISTING OF A 15-FOOT SCREENED INTERVAL IN THE BOREHOLE.

1215 NWECC COMPLETED INSTALLING A SAND PACK AND A BENTONITE SEAL AROUND THE PVC WELL.

1220 BOB HENSCHEL DEPARTED THE SITE.

1230 NWECC SET UP AT INJECTION WELL IW-02.

1235 NWECC COMMENCED AUGERING WITH 6.25-INCH HSAS TO 20 FEET BGS. MATERIAL WAS SIMILAR TO THE OVERBURDEN ENCOUNTERED IN THE IW-01 BOREHOLE. NO PID READINGS ABOVE BACKGROUND WERE DETECTED. WATER ENCOUNTERED AT 15.3 FEET BGS.

1350 NWECC COMPLETED AUGERING TO 20 FEET BGS.

1400 NWECC COMMENCED INSTALLING A TWO-INCH ID PVC WELL CONSISTING OF A 15-FOOT SCREENED INTERVAL IN THE BOREHOLE.

1430 NWECC COMPLETED INSTALLING A SAND PACK AND A BENTONITE SEAL AROUND THE PVC WELL.

1450 NWECC SET UP AT INJECTION WELL IW-03.

1500 NWECC COMMENCED AUGERING WITH 6.25-INCH HSAS TO 20 FEET BGS. MATERIAL WAS SIMILAR TO THE OVERBURDEN ENCOUNTERED IN THE IW-01 AND IW-02 BOREHOLES. NO PID READINGS ABOVE BACKGROUND WERE RECORDED.

Continued on Page

Read and Understood By

Scott McCone 6/2/09
Signed Date Signed Date

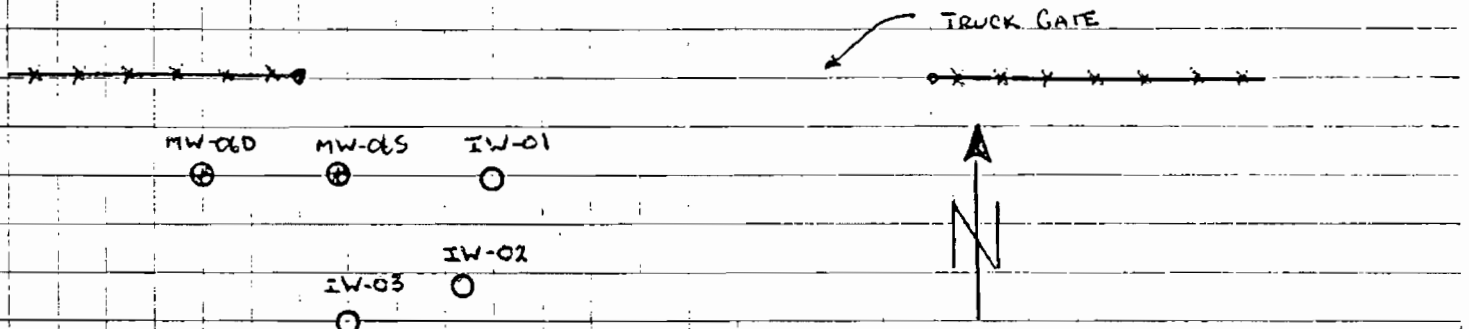
TUESDAY JUNE 2, 2009

1600 URS COLLECTED SOIL SAMPLE IW-03-06/09 FROM THE 15.0- TO 15.5-FOOT INTERVAL AND PLACED THE SAMPLE IN AN ICE FILLED COOLER.

1605 NWEEC COMPLETED AUGERING TO 15.5 FEET BGS AND SECURED AUGERING OPERATIONS FOR THE DAY.

1620 NWEEC DEPARTED THE SITE.

1630 URS DEPARTED THE SITE.



Joseph McCue 6/2/09

Continued on Page

Read and Understood

Joseph McCue — Signed

6/2/09 — Date

Notebook No. 11175848.00000

PROJECT Former Dowell Facility

Continued From Page

WEDNESDAY JUNE 3, 2009

715 SCOTT MCCONE (URS) ARRIVED AT THE FORMER DOWELL SITE TO INSTALL INJECTION WELLS UPGRADIENT OF MONITORING WELLS MW-06S AND MW-06D.

720 MAURICE MOORE (NYSDEC) ARRIVED ON SITE.

0725 STEVE GINGRICH (NWECC) ARRIVED ON SITE. NWECC WILL COMPLETE AUGERING INJECTION WELL IW-03.

730 URS CALIBRATED THE MINIRAE PID.

0740 NWECC COMMENCED AUGERING INJECTION WELL IW-03, WHICH HAD ALREADY BEEN ADVANCED TO 15 FEET BGS.

0755 NWECC COMPLETED AUGERING INJECTION WELL IW-03 TO 20 FEET BGS AND COMMENCED INSTALLING A TWO-INCH ID PVC WELL CONSISTING OF A 15-FOOT SCREENED INTERVAL IN THE BOREHOLE.

815 NYSDEC DEPARTED THE SITE.

0845 NWECC COMPLETED INSTALLING A SAND PACK AND A BENTONITE SEAL AROUND THE PVC WELL.

855 URS LOCATED THE THREE INJECTION WELLS (IW-04, IW-05, AND IW-06) IN THE VICINITY OF MONITORING WELL MW-06D.

910 NWECC SET UP AT INJECTING WELL IW-04.

0915 NWECC COMMENCED AUGERING WITH 6.25-INCH HSAS TO 20 FEET BGS. MATERIAL WAS SIMILAR TO THE OVERBURDEN ENCOUNTERED IN THE IW-01 BOREHOLE. NO PID READINGS ABOVE BACKGROUND WERE DETECTED. WATER ENCOUNTERED AT 15.2 FEET BGS.

000 NWECC COMPLETED AUGERING INJECTION WELL IW-04 TO 20 FEET BGS AND COMMENCED COLLECTING CONTINUOUS SPLIT SPOON SAMPLES FROM 20 FEET BGS TO 30 FEET BGS. CLAYEY SILT WITH SOME MEDIUM TO COARSE SAND AND FINE ROUNDED TO SUBANGULAR GRAVEL PRESENT IN THE 20- TO 24-FOOT INTERVAL. SILTY CLAY WITH SOME MEDIUM TO COARSE SAND AND FINE ROUNDED TO SUBROUNDED GRAVEL PRESENT IN THE 24- TO 30-FOOT INTERVAL. NO PID READINGS ABOVE BACKGROUND WERE RECORDED IN THE SOIL.

1015 URS COLLECTED SOIL SAMPLE IW-04-06/09 FROM THE 25.0- TO 25.5-FOOT INTERVAL AND PLACED THE SAMPLE IN AN ICE FILLED COOLER.

1035 DAVID SZYMANSKI (NYSDEC) ARRIVED ON SITE.

1055 NWECC COMPLETED AUGERING INJECTION WELL IW-04 TO 30.0 FEET BGS.

110 NWECC COMMENCED INSTALLING A TWO-INCH ID PVC WELL CONSISTING OF A 10-FOOT SCREENED INTERVAL IN THE BOREHOLE.

150 NWECC COMPLETED INSTALLING A SAND PACK AND A BENTONITE SEAL AROUND THE PVC WELL.

1200 NYSDEC DEPARTED THE SITE.

210 NWECC DEPARTED THE SITE TO PICK UP PORTLAND CEMENT TO GROUT THE WELLS.

THIS URS DEPARTED THE SITE TO SHIP SOIL SAMPLES.

230 URS SHIPPED THE TWO SOIL SAMPLES TO ADIRONDACK ENVIRONMENTAL SERVICES UNDER CHAIN-OF-CUSTODY UNDER FEDEX AIRBILL 8690 5510 7476.

Continued on Page

Read and Understood By

Signed	Date	Signed	Date
Scott McCone	6/3/09		

PROJECT: 11175848.00000

PROJECT: FORMER DOWELL FACILITY

WEDNESDAY JUNE 3, 2009

1245 URS RETURNED TO THE SITE. NWECC MIXING GROUT AND EMPLACING THE GROUT IN INJECTION WELL IW-04.

1315 NWECC COMPLETED GROUTING INJECTION WELL IW-04 TO GROUND SURFACE AND INSTALLED A 4-INCH PVC PROCASING AROUND THE WELL.

1320 NWECC SET UP AT INJECTION WELL IW-05.

1325 NWECC COMMENCED AUGERING WITH 6.25-INCH HSAs TO 30 FEET BGS. MATERIAL WAS SIMILAR TO THE OVERBURDEN ENCOUNTERED IN THE IW-04 BOREHOLE. NO PID READINGS ABOVE BACKGROUND WERE RECORDED. WATER ENCOUNTERED AT 15.5 FEET BGS.

1350 BOB HENSCHEL (URS) ARRIVED ON SITE.

1355 RICK DEUEL (DEUEL ENVIRONMENTAL) ARRIVED ON SITE.

1420 MAURICE MOORE (NYSDEC) ARRIVED ON SITE.

1435 NWECC HIT REFUSAL AT 29.3 FEET BGS.

1440 NWECC COMPLETED AUGERING INJECTION WELL IW-05 WHEN NO SOIL WAS RECOVERED IN A SPLIT SPOON AND NO FURTHER ADVANCEMENT WAS ACHIEVED.

1445 NWECC COMMENCED INSTALLING A TWO-INCH ID PVC WELL CONSISTING OF A 10-FOOT SCREENED INTERVAL IN THE BOREHOLE.

1515 NYSDEC DEPARTED THE SITE. THE NYSDEC HAD REQUESTED THAT THE SIX INJECTION WELLS BE DEVELOPED AND SAMPLED FOR TCL VOCs.

1550 NWECC COMPLETED INSTALLING A SAND PACK AND A BENTONITE SEAL AROUND THE PVC WELL, AND HAD PARTIALLY GROUTED INJECTION WELL IW-05.

1555 AT THE REQUEST OF BOB HENSCHEL THE LOCATION OF INJECTION WELL IW-06 WAS MOVED WNW OF MONITORING WELL MW-06D. NWECC SET UP AT INJECTION WELL IW-06.

1610 NWECC COMMENCED AUGERING INJECTION WELL IW-06 WITH 6.25 INCH HSAs TO 30 FEET BGS. MATERIAL WAS SIMILAR TO THE OVERBURDEN ENCOUNTERED IN THE IW-04 BOREHOLE. NO PID READINGS ABOVE BACKGROUND WERE RECORDED.

1630 BOB HENSCHEL AND RICK DEUEL DEPARTED THE SITE.

1635 NWECC COMPLETED AUGERING TO 9.0 FEET BGS AND SECURED AUGERING OPERATIONS FOR THE DAY.

1645 NWECC AND URS DEPARTED THE SITE.

6/3/09

6/3/09

SS
PROJECT FORMER DOWELL SITE

Notebook No. 11175B48.00000
Continued From Page

THURSDAY JUNE 4, 2009

0700 SCOTT MCCONE (URS) ARRIVED AT THE FORMER DOWELL SITE TO COMPLETE THE INSTALLATION OF THE INJECTION WELLS AROUND MONITORING WELLS MW-06S AND MW-06D.

0705 URS CALIBRATED THE MINIRAE PID.

0710 URS OPENED INJECTION WELL IW-04. DEPTH TO WATER 9.41 FEET BGS AND DEPTH TO BOTTOM 29.91 FEET BGS.

0715 URS OPENED INJECTION WELL IW-03. DEPTH TO WATER 7.88 FEET BGS AND DEPTH TO BOTTOM 19.55 FEET BGS.

0720 URS OPENED INJECTION WELL IW-02. DEPTH TO WATER 7.12 FEET BGS AND DEPTH TO BOTTOM 20.21 FEET BGS.

0725 URS OPENED INJECTION WELL IW-01. DEPTH TO WATER 7.58 FEET BGS AND DEPTH TO BOTTOM 20.09 FEET BGS.

0730 BOB HENSCHEL (URS) ARRIVED ON SITE.

0735 STEVE GINGRICH (NWECC) ARRIVED ON SITE. NWECC WILL COMPLETE AUGERING INJECTION WELL IW-06.

0740 RICK DEWELL (DEWELL ENVIRONMENTAL) ARRIVED ON SITE.

0755 NWECC COMMENCED AUGERING INJECTION WELL IW-06, WHICH HAD ALREADY BEEN ADVANCED TO 9.0 FEET BGS.

0810 NWECC COLLECTED A SPLIT SPOON SAMPLE FROM THE 14.0- TO 16.0-FOOT INTERVAL. NO STAINING NOTED AND NO PID READINGS ABOVE BACKGROUND RECORDED.

0845 NWECC HIT REFUSAL AT 30.8 FEET BGS.

0915 NWECC COMMENCED INSTALLING A TWO-INCH ID PVC WELL CONSISTING OF A 10-FOOT SCREENED INTERVAL IN THE BOREHOLE.

0920 URS OPENED INJECTION WELL IW-05. DEPTH TO WATER 9.85 FEET BGS AND DEPTH TO BOTTOM 28.83 FEET BGS.

1000 NWECC COMPLETED INSTALLING A SAND PACK AND A BENTONITE SEAL AROUND THE PVC WELL.

1015 NWECC COMMENCED EMPLACING GROUT AROUND INJECTION WELL IW-06.

1130 BOB HENSCHEL AND RICK DEWELL DEPARTED THE SITE.

1145 NWECC COMPLETED GROUTING INJECTION WELL IW-06, AND COMMENCED GROUTING INJECTION WELLS IW-01, IW-02, AND IW-03.

1215 NWECC COMPLETED GROUTING INJECTION WELLS AND BROKE FOR LUNCH.

1235 NWECC RETURNED TO THE SITE AND COMMENCED INSTALLING COVERS ON THE PROCASINGS AROUND INJECTION WELLS IW-01, IW-02, AND IW-03. ALL INJECTION WELLS FITTED WITH COVERS.

1300 NWECC COMPLETED INSTALLING COVERS AND COMMENCED ADDING ADDITIONAL CEMENT AROUND WELLS

1315 NWECC COMPLETED ADDING ADDITIONAL CEMENT AND COMMENCED DEMOBILIZING.

1345 NWECC AND URS DEPARTED THE SITE.

Scott McCone
6/4/09

Continued on Page

Read and Understood By

Scott McCone — 6/4/09
Signed — Date

Signed — Date

MONDAY JUNE 15, 2009

1330 Scott McCone (URS) arrived at the former Dowell Site to develop injection wells IW-01S through IW-06D.

1335 URS calibrated the Minirae PID.

1340 URS opened injection well IW-01S. No PID reading above 0.0 ppm recorded. Depth to water 5.73 feet TOIC and depth to bottom 22.45 feet TOIC.

1345 URS commenced developing injection well IW-01S with a dedicated HDPE weighted bailer.

1420 URS completed removing 15 gallons of development water from injection well IW-01S.

1425 URS secured injection well IW-01S and opened injection well IW-02S. No PID reading above 0.0 ppm recorded. Depth to water 6.09 feet TOIC and depth to bottom 22.72 feet TOIC.

1430 URS commenced developing injection well IW-02S with a dedicated HDPE weighted bailer.

1505 URS completed removing 15 gallons of development water from injection well IW-02S.

1510 URS secured injection well IW-02S and opened IW-03S. No PID reading above 0.0 ppm recorded. Depth to water 8.48 feet TOIC and depth to bottom 22.15 feet TOIC.

1515 URS commenced developing injection well IW-03S with a dedicated HDPE weighted bailers.

1545 URS completed removing 12 gallons of development water from injection well IW-03S.

1550 URS secured injection well IW-03S and opened injection well IW-04D. No PID readings above 0.0 ppm recorded. Depth to water 12.45 feet TOIC and depth to bottom 32.62 feet TOIC.

1555 URS commenced developing injection well IW-04D with a dedicated HDPE weighted bailer.

1635 URS completed removing 18 gallons of development water from injection well IW-04D.

1640 URS secured injection well IW-04D and opened injection well IW-05D. No PID readings above 0.0 ppm recorded. Depth to water 13.77 feet TOIC and depth to bottom 31.45 feet TOIC.

1645 URS commenced developing injection well IW-05D with a dedicated HDPE weighted bailer.

1725 URS completed removing 15 gallons of development water from injection well IW-05D.

1730 URS secured injection well IW-05D and opened injection well IW-06D. No PID readings above 0.0 ppm recorded. Depth to water 8.91 feet TOIC and depth to bottom 33.05 feet TOIC.

1735 URS commenced developing injection well IW-06D with a dedicated HDPE weighted bailer.

1810 URS completed removing 20 gallons of development water from injection well IW-06D.

1815 URS secured injection well IW-06D.

1825 URS departed the site.

Signature 6/15/09

Continued on Page

Read and Understood By

Signed	Date	Signed	Date
Signature	6/15/09		

TUESDAY JUNE 16, 2009

0600 SCOTT McCONE (URS) ARRIVED AT THE FORMER DOWELL FACILITY TO COLLECT GROUNDWATER SAMPLES FROM MONITORING WELLS MW-06S AND MW-06D, AND FROM INJECTION WELLS IW-01S, IW-02S, IW-03S, IW-04D, IW-05D, AND IW-06D.

0610 URS OPENED MONITORING WELL MW-06S. ROADBOX WAS DRY AND THE J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 5.77 FEET TOIC AND DEPTH TO BOTTOM 19.70 FEET TOIC.

0615 URS COMMENCED LOW FLOW PURGING OF MONITORING WELL MW-06S.

0630 URS COMPLETED LOW FLOW PURGING OF MONITORING WELL MW-06S

0635 URS COLLECTED SAMPLE MW-06S-06/09 AND PLACED THE SAMPLE IN AN ICE FILLED COOLER.

0640 URS SECURED MONITORING WELL MW-06S AND OPENED MONITORING WELL MW-06D. ROADBOX WAS DRY AND THE J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 5.62 FEET TOIC AND DEPTH TO BOTTOM 29.73 FEET TOIC.

0645 URS COMMENCED LOW FLOW PURGING OF MONITORING WELL MW-06D.

0700 URS COMPLETED LOW FLOW PURGING OF MONITORING WELL MW-06D.

0705 URS COLLECTED SAMPLES MW-06D-06/09, MW-06DMS-06/09, AND MW-06DSD-06/09 AND PLACED THE SAMPLES IN AN ICE FILLED COOLER.

0710 URS SECURED MONITORING WELL MW-06D AND OPENED INJECTION WELL IW-06D. J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 10.28 FEET TOIC AND DEPTH TO BOTTOM 33.05 FEET TOIC.

0715 URS COMMENCED LOW FLOW PURGING OF INJECTION WELL IW-06D.

0730 URS COMPLETED LOW FLOW PURGING OF INJECTION WELL IW-06D.

0735 URS COLLECTED SAMPLE IW-06D-06/09 AND PLACED THE SAMPLE IN AN ICE FILLED COOLER.

0740 URS SECURED INJECTION WELL IW-06D AND OPENED INJECTION WELL IW-05D. J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 9.66 FEET TOIC AND DEPTH TO BOTTOM 31.45 FEET TOIC

0745 URS COMMENCED LOW FLOW PURGING OF INJECTION WELL IW-05D.

0800 URS COMPLETED LOW FLOW PURGING OF INJECTION WELL IW-05D.

0805 URS COLLECTED SAMPLE IW-05D-06/09 AND PLACED THE SAMPLE IN AN ICE FILLED COOLER.

0810 URS SECURED INJECTION WELL IW-05D AND OPENED INJECTION WELL IW-04D. J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 12.39 FEET TOIC AND DEPTH TO BOTTOM 32.62 FEET TOIC.

0815 URS COMMENCED LOW FLOW PURGING OF INJECTION WELL IW-04D.

0830 URS COMPLETED LOW FLOW PURGING OF INJECTION WELL IW-04D.

0835 URS COLLECTED SAMPLE IW-04D-06/09 AND PLACED THE SAMPLE IN AN ICE FILLED COOLER.

0840 URS SECURED INJECTION WELL IW-04D AND CONTACTED BOB HENSCHEL. DISCUSSED GROUNDWATER LEVEL CHANGES DURING INJECTION WELL DEVELOPMENT. BOB WILL DISCUSS WITH NYSDEC.

0845 URS COMMENCED RECORDING WATER LEVELS IN REMAINING MONITORING WELLS, PIEZOMETERS, AND RECOVERY WELLS.

0850 BOB HENSCHEL CALLED AND DIRECTED THAT SAMPLES BE COLLECTED ONLY FROM INJECTION WELLS IW-01S, IW-03S, IW-05D, AND IW-06D. FOLLOWING SAMPLE COLLECTION PUMP DOWN IW-01S AND SEE IF THE WATER LEVEL IN MONITORING WELL MW-06S CHANGES.

Continued on Page

Read and Understood By

Scott McCone — 6/16/09

Signed — Date — Signed — Date

TUESDAY JUNE 16, 2009

0915 URS Completed Recording Groundwater Elevations.

0925 URS opened injection well IW-03S. J-Plug was intact and in place. Depth to water 9.22 feet TOIC and depth to bottom 22.15 feet TOIC.

0930 URS Commenced Low Flow Purging of injection well IW-03S.

0945 URS Completed Low Flow Purging of injection well IW-03S.

0950 URS Collected Sample IW-03S-06/09 and placed the sample in an ice filled cooler.

0955 URS Secured injection well IW-03S and opened injection well IW-01S. J-Plug was intact and in place. Depth to water 9.03 feet TOIC and depth to bottom 22.45 feet TOIC.

1000 URS Commenced Low Flow Purging of injection well IW-01S.

1015 URS Completed Low Flow Purging of injection well IW-01S.

1020 URS Collected Sample IW-01S-06/09 and placed the sample in an ice filled cooler.

1025 URS opened monitoring well MW-06S and injection well IW-02S.

1030 URS Commenced Bailing IW-02S while recording the water level in MW-06S.

MW-06S

Time	Liters Removed	Water Level
1030	0	7.12
1035	4	7.00
1040	8	6.91
1045	12	6.88
1050	14	6.86
1100	28	6.81
1105	40	6.79
1110	44	6.79

MW-06D

Time	Liters Removed	Water Level
1300	6	7.68
1320	24	7.44
1340	48	7.49
1400	59	7.64
1420	59	7.66
1440	59	7.72

1115 URS Secured Monitoring well MW-06S and injection well IW-02S.

1120 URS Departed the site.

1145 URS Shipped the water samples to Adirondack Environmental Services under Chain-of-Custody under FedEx Airbill 8660 2406 9900.

1300 URS Returned to the site and opened monitoring well MW-06D and injection well IW-04D.

1445 URS Secured monitoring well MW-06D and injection well IW-04D.

1500 URS Departed the site.

6/16/09

Continued on Page

Read and Understood By

6/16/09

Signed Date Signed Date

TUESDAY AUGUST 11, 2009

1130 SCOTT MCCOMB (URS) ARRIVED AT THE FORMER DOWELL FACILITY TO PURGE MONITORING WELLS MW-06S AND MW-06D AND POUR A MIXTURE OF HYDROGEN PEROXIDE AND SODIUM PERSULFATE INTO THE INJECTION WELLS

1135 URS OPENED MONITORING WELL MW-06S. J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 4.34 FEET TOIC AND DEPTH TO BOTTOM 19.72 FEET TOIC. DISSOLVED OXYGEN 28.20 MG/L AND TEMPERATURE 18.8°C.

1140 URS OPENED MONITORING WELL MW-06D. J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 1.73 FEET TOIC AND DEPTH TO BOTTOM 29.74 FEET TOIC. DISSOLVED OXYGEN 2.03 MG/L AND TEMPERATURE 23.1°C.

1145 COMMENCED PURGING MONITORING WELL MW-06S.

1150 COMPLETED PURGING MONITORING WELL MW-06S DRY AFTER REMOVING 7.5 GALLONS OF WATER.

1155 COMMENCED PURGING MONITORING WELL MW-06D.

1200 COMPLETED PURGING MONITORING WELL MW-06D DRY AFTER REMOVING 4.5 GALLONS OF WATER.

1205 COMMENCED POURING A MIXTURE OF HYDROGEN PEROXIDE AND SODIUM PERSULFATE INTO THE INJECTION WELLS.

1230 COMPLETED POURING A MIXTURE OF HYDROGEN PEROXIDE AND SODIUM PERSULFATE INTO THE INJECTION WELLS.

INJECTION WELL	$H_2O_2/Na_2S_2O_8$ ADDED
IW-01S	2.6 GALLONS
IW-02S	2.75 GALLONS
IW-03S	2.4 GALLONS
IW-04D	3.15 GALLONS
IW-05D	3.10 GALLONS
IW-06D	3.25 GALLONS

1245 COMPLETED SECURING MONITORING WELLS AND INJECTION WELLS.

1250 URS DEPARTED THE SITE

Scott McComb 8/11/09

Continued on Page

Read and Understood By

Scott McComb — Signed
8/11/09 — Date
Signed
Date

MONDAY AUGUST 17, 2009

1800 Scott McCone (URS) arrived at the Former Dowell Facility to purge monitoring wells MW-06S and MW-06D and pour a mixture of Hydrogen Peroxide and Sodium Persulfate into the injection wells.

1805 URS opened monitoring well MW-06S. J-Plug in tact and in place. Depth to water 2.22 feet TOC and depth to bottom 19.75 feet BGS.

1810 URS opened monitoring well MW-06D. J-Plug in tact and in place. Depth to water 1.83 feet TOC and depth to bottom 29.79 feet BGS.

1815 URS Commenced purging monitoring well MW-06S. Dissolved Oxygen 30.39 mg/L and Temperature 23.4°C

1830 URS Completed purging monitoring well MW-06S dry after removing 8.5 Gallons

1835 URS Commenced purging monitoring well MW-06D. Dissolved Oxygen 3.59 mg/L and Temperature 21.4°C.

1850 URS Completed purging monitoring well MW-06D dry after removing 5.25 Gallons.

1855 URS Commenced pouring a mixture of Hydrogen Peroxide and Sodium Persulfate into injection wells.

1930 URS Completed pouring a mixture of Hydrogen Peroxide and Sodium Persulfate into the injection wells.

Injection Well	H_2O_2/$Na_2S_2O_8$ Added
IW-01S	2.65 Gallons
IW-02S	2.45 Gallons
IW-03S	1.95 Gallons
IW-04D	3.10 Gallons
IW-05D	2.95 Gallons
IW-06D	3.40 Gallons

1940 URS Completed securing monitoring wells and injection wells

1945 URS Departed the site

Scott McCone 8/17/09

Continued on Page

Scott McCone 8/17/09

Signed Date Date

PROJECT Former Dowell Facility

Project No. 11175846.00000

Continued From Page

THURSDAY AUGUST 20, 2009

1100 Scott McCone (URS) arrived at the Former Dowell Facility to purge monitoring wells MW-06S and MW-06D and pour a mixture of Hydrogen Peroxide and Sodium Persulfate into the injection wells.

1105 URS opened monitoring well MW-06S. J-plug intact and in place. Depth to water 2.04 feet TOIC and depth to bottom 19.79 feet TOIC.

1110 URS opened monitoring well MW-06D. J-plug intact and in place. Depth to water 1.23 feet TOIC and depth to bottom 29.78 feet TOIC.

1115 URS commenced purging monitoring well MW-06S. Dissolved oxygen 23.87 mg/L and temperature 20.8°C.

1130 URS completed purging monitoring well MW-06S dry after removing 5.25 gallons.

1140 URS commenced purging monitoring well MW-06D. Dissolved oxygen 3.09 mg/L and temperature 20.6°C.

1155 URS completed purging monitoring well MW-06D dry after removing 5.00 gallons.

1200 URS commenced pouring a mixture of Hydrogen Peroxide and Sodium Persulfate into injection wells.

1220 URS completed pouring a mixture of Hydrogen Peroxide and Sodium Persulfate into injection wells.

Injection Well	$H_2O_2/Na_2S_2O_8$ Added
IW-01S	2.40
IW-02S	1.85
IW-03S	1.25
IW-04D	3.05
IW-05D	2.25
IW-06D	2.75

1230 URS completed securing monitoring well and injection wells.

1240 URS departed the site.

Scott W McCone 8/20/09

Continued on Page

Read and Understood By

Scott W McCone | 8/20/09

Signed | Date | Signed | Date

FRIDAY AUGUST 21, 2009

1010 SCOTT MCCONE (URS) ARRIVED AT THE FORMER DOWELL FACILITY TO PURGE MONITORING WELLS MW-06S AND MW-06D AND POUR A MIXTURE OF HYDROGEN PEROXIDE AND SODIUM PERSULFATE INTO THE INJECTION WELLS.

1015 URS OPENED MONITORING WELL MW-06S. J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 0.52 FEET TOIC AND DEPTH TO BOTTOM 19.79 FEET TOIC.

1020 URS OPENED MONITORING WELL MW-06D. J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 0.22 FEET TOIC AND DEPTH TO BOTTOM 29.79 FEET TOIC.

1025 URS COMMENCED PURGING MONITORING WELL MW-06S. DISSOLVED OXYGEN 34.91 MG/L AND TEMPERATURE 21.0°C.

1045 URS COMPLETED PURGING MONITORING WELL MW-06S DRY AFTER REMOVING 6.50 GALLONS.

1050 URS COMMENCED PURGING MONITORING WELL MW-06D. DISSOLVED OXYGEN 5.02 MG/L AND TEMPERATURE 17.5°C.

1110 URS COMPLETED PURGING MONITORING WELL MW-06D DRY AFTER REMOVING 5.50 GALLONS.

1115 URS COMMENCED POURING A MIXTURE OF HYDROGEN PEROXIDE AND SODIUM PERSULFATE INTO THE INJECTION WELLS

1140 URS COMPLETED POURING A MIXTORE OF HYDROGEN PEROXIDE AND SODIUM PERSULFATE INTO THE INJECTION WELLS.

INJECTION WELL	$H_2O_2/Na_2S_2O_8$ ADDED
IW-01S	1.2S
IW-02S	1.7S
IW-03S	1.2S
IW-04D	2.1S
IW-05D	1.7S
IW-06D	2.00

1145 URS COMPLETED SECURING THE MONITORING WELLS AND INJECTION WELLS.

1150 URS DEPARTED THE SITE.

1220 URS DELIVERED TWO EMPTY IN1 55-GALLON DRUMS TO RIVERSIDE CHEMICAL COMPANY

Scott McCone 8/21/09

Continued on Page

Read and Understood By

Scott McCone 8/21/09

Signed Date Signed Date

August 24, 2009 - Monday (URS)

1005 - John Boyd + Scott McCone left URS office for Former Dowell Facility

1035 URS arrived at The site to purge monitoring wells MW-06S and MW-06D and pour a mixture of Hydrogen Peroxide and Sodium Persulfate into 6 injection wells. John Boyd was trained by Scott McCone on the purging & injection procedures

1050 - Scott McCone began ~~purging MW~~ opening the wells in preparation for Measurements and injections.

1055. Monitoring well MW-06S opened ~~and~~ J-plug intact. Depth to water is 2.17', total Depth is 19.74', D.O. is 37.32 mg/L, Temp. is 16.7 °C

1100. Monitoring well MW-06D opened. J-plug intact. Depth to water is 1.78' btoc, total depth is 21.74' btoc, D.O is 2.41 mg/L, Temp. is 20.5 °C.

1105 - Scott McCone began purging MW-06S. John Boyd mixed up a solution of hydrogen Peroxide and Sodium Persulfate. 5 gallons mixed at ratio of 1 gallon hyd. Peroxide to 1 LB of Sodium Persulfate.

1118. John Boyd ~~to~~ begins injecting Hydrogen Peroxide/Sodium Persulfate mixtures. - Scott finished purging MW-06S of 7.25 gallons

1130. Scott Begin purging MW-06D - Purges 5.25 gallons by 1130.

Injection well	H_2O_2/$Na_2S_2O_8$ added
IW-01S	1.50 gal
IW-02S	2.00 gal
IW-03S	2.00 gal
IW-04S	2.25 gal
IW-05S	2.25 gal
IW-06S	2.00 gal

1140 - Injections completed. All wells secured + locked.

1150. URS leaves The site.

John A Boyd 8/24/09

Continued on Page

Read and Understood By

John A Boyd 8/24/09
Signed Date Signed Date

PROJECT Former Dowell Facility

Notebook No. _____

Continued From Page _____

August 25 2009 Tuesday

1:00 John Boyd (URS) left office for Former Dowell facility SITE.

1125. arrived at the SITE

1140. Removed covers + J-Plugs from All Monitoring + INJECTION wells.

1150 Measured MW-6S. Depth to water is 1.09' btoc, Total depth is 19.74' btoc, D.O. is 31.95 mg/L, Temp is 20.0°C.

1200 Measured MW-6D. Depth to water is 1.40' btoc, Total depth is 29.71' btoc, D.O. is 4.21 mg/L, Temp is 21.5°C.

215 - Owner from home across the Street came by + asked what was going on. I explained I was filling in for Someone AND did NOT have much information. JUST said I was involved in a remediation program.

217. Began purging MW-6S with a bailer.

1230 Finished purging MW-6S. Withdrew 7.0 gallons of water

1233 Began purging MW-6D with a bailer.

1247. Finished purging MW-6S. Withdrew 5.75 gallons of water.

1255. Mixed up injection chemicals. A Solution of hydrogen peroxide in water and powdered Sodium persulfate. Mixture is 1 gallon hydrogen peroxide TO 1 Lb Sodium persulfate.

259. Began injections of the hydrogen Peroxide + Sodium persulfate Solution. Solution added to injection wells are as below:

INJECTION WELL	H_2O_2 / $NA_2S_2O_8$ ADDED
IW-01S	1.25 gallons
IW-02S	1.75 gallons
IW-03S	1.25 gallons
IW-04S	2.00 gallons
IW-05S	1.75 gallons
IW-06S	2.00 gallons

335 FINISHED INJECTIONS - CLOSED UP WELLS. DECONED EQUIPMENT

400 Left SITE

425 arrived back at office

John Boyd 8/25/09

Continued on Page

Read and Understood By

John Boyd 8/25/09

Signed Date Signed Date

August 26, 2009. WEDNESDAY

0900. John Boyd. CRS. Left office in CRS VAN. Miles 77456.
1040 Arrived at the site. Unlocked TRAILER. Changed clothes.
1100 opened all monitoring wells and injection wells. All J-plugs intact. Water between Riser and outer casing covering the J-plugs in IW-01 and IW-02. Light RAIN BEGINS
1114. Opened MW-06S. Depth to water is 1.02' BTOC. Total depth is 19.74' BTOC. D.O. is 32.42 mg/L, Temp is 18.7°C.
1120 opened MW-06D. Depth to water is 0.82' BTOC. Total depth is 29.71' BTOC. D.O. is 5.20 mg/L, Temperature is 19.0 °C.
1130. Began bailing MW-06S. ~~Remov~~
1147 Removed 7.5 gallons from MW-06S
1150 Began bailing MW-06D.
1202 Removed 5.25 gallons from MW-06S
1203. Began MIXING injection solution - Hydrogen Peroxide and Sodium Persulfate. MIXTURE IS 1 gallon : 1 pound.
1210. Began injections of solutions Hydrogen peroxide and Sodium Persulfate. ~~Below~~ below for QUANTITIES added. RAIN NOW MODERATE.

INJECTION WELL	H_2O_2 / $NA_2S_2O_8$ ADDED
IW-01S	1.25 gallons
IW-02S	1.50 gallons
IW-03S	1.00 gallons
IW-04S	1.50 gallons
IW-05S	1.75 gallons
IW-06S	1.00 gallons

1240. FINISHED INJECTIONS. Began decanning Equipment. Closed all wells. RAIN Lighter NOW.
Changed Clothes.
NOTE: HAND dwell will NOT work w/ the generator. Tried to Trouble Shoot w/ NO SUCCESS.
1315 Left SITE
1345 Back at CRS office. Mileage on VRS VAN is 79950.7
1355 Dwell checked out OK at office. MUST be generator problem.

Read and Understood By

Signed _____ Date 8/26/09 Signed _____ Date _____

PROJECT Former Dowell Facility

Notebook No. _____

Continued From Page _____

August 27, 2009 Thursday - VAN MILEAGE home = 799733. at SITE 799936

0855 John Boyd arrived at the SITE. Opened Trailer - Changed Clothes

0915 - opened all wells. Groundwater between Riser and CASING was Above The J-plugs in IW-01 and IW-03.

0928 Began Measurements at MW-06S. Depth to water is 1.76' btoc. Total depth is 19.74' btoc, D.O. is 32.97 mg/L, Temperature is 16.8 °C.

0936 - Began Measurements at MW-06D. Depth to water is 1.61' btoc. Total depth is 29.72' btoc, D.O. is 6.01 mg/L, Temperature is 19.5 °C

0942 - Began bailing MW-06S

1000 Finished bailing MW-06S. Removed 7.25 gallons to dryness

1002 began bailing MW-06D

1015. Finished bailing MW-06D. Removed 5.5 gallon to dry.

0920. Began Mixing injection Solution 2 1 Gallon of hydrogen Peroxide to 1 Lb Sodium Persulfate.
Generator will not operate the Mixing drill - problem appears to be w/ circuit breaker. Mixed chemicals by hand.

1025 - Began injections. Quantities added are shown below:

INJECTION WELL	H_2O_2 / $NA_2S_2O_8$ ADDED.
IW-01	1.25 gallons
IW-02	1.50 gallons
IW-03	0.75 gallon
IW-04	1.00 gallons
IW-05	1.00 gallons
IW-06	1.00 gallons

1046 Finished injections

1050 - Cleaned up Trailer, decon'd Equipment. Closed all wells, loaded generator into VAN. for repair. Changed clothes - Locked Trailer + gate.

1118 Left site

145 - Arrived at VRS office

John Boyd

Continued on Page

Read and Understood By

John Boyd 8/27/09

Signed Date Signed Date

August 28, 2009 Friday

0805 - Left for site

0830 Todd Boyd - URS - arrived at the site. Changed clothes, opened all wells. IW-01 and IW-03: water between Riser and outer casing higher than J-Plug and effervescent.

0900 Began taking measurements in MW-06S. DTW: 1.44' btoc. Total depth = 19.74' btoc, DO = 35.80 mg/L, Temperature = 16.4°C.

0910 Began taking measurements in MW-06D DTW = 1.85' btoc, total depth = 29.67' btoc, DO = 8.14 mg/L, Temperature = 17.1 °C

0920 Began bailing MW-06S

0939 Finished bailing MW-06S - Removed 7.5 gallons to dry.

0940 Began bailing MW-06D

1004 Finished bailing MW-06D. Removed 8.5 gallons to dry.

1014 - Began mixing injection solution of 1 gallon of hydrogen peroxide to 1 Lb of Sodium Persulfate.

1019 - Began injections of solution into the injection wells Quantities added are shown below

Injection Well	H_2O_2/$NA_2S_2O_8$ Added
IW-01	1.25 gallons
IW-02	1.25 gallons
IW03	1.00 gallons
IW04	1.00 gallons
IW-05	1.25 gallons
IW-06	1.50 gallons

1040 Injections completed -

1045 Began decanning Equipment. Closed all wells. Changed clothes. DOT Storage tank has ≈ 180 gallons.

1110 - Left site

1135 - Back at office

Continued on Page

Read and Understood By

Signed 8/28/09 Signed

Date Date

PROJECT Former Dowell Facility — Notebook No. _____ — Continued From Page _____

August 31 2009 Monday

0955 - John Boyd, URS, picked up the URS Van + drove to the site. Mileage at Office = 80062.5

1035 - arrived at site. Changed clothes, unlocked Trailer, and all wells. Water between CASING AND riser in IW-01 and IW-03 Above the J-plugs and effervescent. Removed the WATER w/ a BASTER and placed into the Riser.

1050 - opened MW-06S. Depth to WATER = 1.94, Total depth = 19.74, DO = 36.40 mg/L, Temperature = 16.1°C

1100 opened MW-06D. Depth to WATER = 2.20', TOTal depth = 29.59' btoc, D.O. = 14.48 mg/L, Temperature = 13.9°C

1109 Began bailing MW-06S.

1125 Finished bailing MW-06S - removed 8 gallons to dry.

1126 Began bailing MW-06D

1145 Finished bailing MW-06D. Removed 7.75 gallons to dry

1148 Began MIXING INJECTION SOLUTION of 1 gallon hydrogen peroxide TO 1 LB Sodium persulfate.

1152 Began injections. Quantities Added are shown below:

INJECTION well	H_2O_2 / $NA_2S_2O_8$ ADDED
IW-01	1.75 gallons
IW-02	2.25 gallons
IW-03	1.50 gallons
IW-04	2.00 gallons
IW-05	2.00 gallons
IW-06	2.50 gallons

1229 injections Completed. Pump moved to new drum of hydrogen Peroxide.
There are 5 full drums of hydrogen PEROXIDE in TRAILER
There are 2 3/4 bags Sodium PERSULFATE IN TRAILER
There are 3 Empty drums in the TRAILER

1233 - DECONNED Equipment, closed wells. Changed Clothes.

1254 - Left Site.

1320 Arrived at URS Office

Continued on Page

Read and Understood By

Signed	Date	Signed	Date
John H Boyd	8/31/09		

9/1/2009 Tuesday
0805 - Left for SITE. Mileage 80111.5 (Home)
0840 arrived at SITE (JOHN BOYD, URS)
Changed clothes, opened all wells.
IW-1, IW-3 and IW-6 had WATER between Riser + Casing above J-Plug. Starts bubbling and effervescent in IW-01 and IW-03.
0905 - Opened MW-06S. Depth to WATER is 1.86' BTOC. TOTAL depth is 19.74' BTOC. DO = 36.28 mg/L, Temp. is 16.3°C
0914 Opened MW-06D. Depth to WATER is 1.83' BTOC. TOTAL depth is 29.61' BTOC. DO = 10.68 mg/L, Temp. = 17.3°C.
0922 Began BAILING MW-06S.
0943 finished bailing MW-06S Removed 8 gallons
0945 Began bailing MW-06D.
1006 finished bailing MW-06D. Removed 7.75 gallons
1012. Began MIXING INJECTION SOLUTION of 1 gallon of hydrogen peroxide TO 1 LB of Sodium Persulfate.

1030 Scott McCabe arrived at the SITE TO Remove the 3 empty 55 gal. poly drums
1043 - Scott Left the SITE

1045 FINISHED INJECTIONS. QUANTITIES added are shown below

INJECTION WELL	H_2O_2/$NA_2S_2O_8$ ADDED
IW-01	1.25 Gallons
IW-02	1.25 Gallons
IW-03	1.00 gallons
IW-04	1.75 gallons
IW-05	1.25 gallons
IW-06	1.00 gallons

1046 - Closed all wells. Cleaned equipment, Changed Clothes.
1118 - Left site
1138 - Back at URS office 80145.2 (mileage)

Continued on Page

Read and Understood By

John Boyd 9/1/09 _____ _____
Signed Date Signed Date

PROJECT Former Dowell Facility

Notebook No. _____

Continued From Page _____

9/2/09 Wednesday

0805 John Boyd Left home for the site Miles 80170.0

0846 - Arrived at the site. Miles 80190.2. Changed clothes opened wells. Water between Riser + casing in IW-1, IW-3 and IW-6 was just below the J-plugs. and effervescent Removal of BAKER.

0923 opened MW-06S

Depth to water 2.15' BTOC. TOTAL depth 19.74' BTOC.

DO = 37.82 mg/L. Temp. = 15.6. C

0927 Opened MW-06D. ~~DTW~~ Depth to water = 2.02' BTOC.

TOTAL depth = 29.63' BTOC - Silty bottom. DO = 16.60 mg/L

Temp. = 17.0 °C

0936 Began bailing MW-06S

0955 Finished bailing MW-06S. Removed 7.5 gallons to dry

0957 Began bailing MW-06D.

1015 Finished bailing MW-06D. Removed 7.5 gallons to dry

Storage Tank (300gals) now has 210 gallons in it. JB

1018 Began mixing injection solution of 1 gal ~~of~~ Hydrogen Peroxide to 1 LB Sodium Persulfate

1021 Began injections

1045 - Finished injections. Solution added to injection wells shown below

Injection Well	H_2O_2/$NA_2S_2O_8$ ADDED
IW-01	1.25 gals
IW-02	1.25 gals
IW-03	1.25 gals
IW-04	1.25 gals
IW-05	1.25 gals
IW-06	1.75 gals

Closed all wells, decon'ed equipment, changed clothes.

1110 Left site.

1138 - Arrived at VES office.

Continued on Page _____

Read and Understood By

Signed _____ Date 9/2/09 Signed _____ Date _____

9/3/2009 Thursday
0800 - John Boyd - URS - left home Miles = 80228.8
0840 - arrived at the site.
0840-0920. Tailgate will be on this project
0920 opened all wells - changed clothes
0930 opened MW-06S. Depth to water = 2.38' btoc. Total depth = 19.74' btoc
DO. = 37.05 mg/L. Temperature = 15.9°C
0940 opened MW-06D. Depth to water = 2.29' btoc. Total depth = 29.61' btoc
DO = 12.48. Temperature = 17.4°C
0948 Began bailing MW-06S
1007 Finished bailing MW-06S. 7.25 gallons removed to dry
1008 Began bailing MW-06D.
1026. Finished bailing MW-06D. 7.75 gallons removed
1030. Began mixing injection solution of 1 gallon hydrogen Peroxide to 1 LB Sodium Persulfate - Began injections
1055 - Finished injection - Amounts of solution added shown below

Injection well	$H_2O_2/NA_2S_2O_8$ added
IW-01	1.00 gallons
IW-02	1.50 gallons
IW-03	1.00 gallons
IW04	1.25 gallons
IW05	1.50 gallons
IW-06	1.25

Closed all wells, decontaminated equipment, changed clothes.
1118 Left site
1145 - Arrived at URS office

Continued on Page

Read and Understood By

John Boyd 9/3/2009
Signed Date Signed Date

9/04/2009 Friday 80286.3

0750 John Boyd - URS - left home for site. VAN miles ~~80286.3~~ (JB)

0830 arrived at the site. Changed clothes. Opened wells. Miles 80306.8

IW-1 and IW-3 have water between Riser and CASING Above the J-Plugs - water effervescent + bubbling

0852 Opened both Monitoring wells

MW-06S DEPTH TO WATER = 2.72' BTOC. TOTAL depth = 19.74' BTOC

DO = 35.74 mg/L. TEMP. = 15.6 °C

MW 06D. DEPTH TO WATER = 2.56' BTOC. TOTAL depth = 29.50' BTOC

DO = 16.47 mg/L, TEMP. = 14.6 °C.

0907 Began bailing MW-06S

0925 Finished bailing MW-06S. Removed 7.25 gallons to dry

0926 Began bailing MW-06D

0946 Finished bailing MW-06D. Removed 8 gallons to dry.

0948 Began mixing injection solution of 1 gallon hydrogen peroxide to 1 LB. Sodium Persulfate.

Began injections

1016 Finished injections. Following solution quantities added.

INJECTION WELL	H_2O_2/$NA_2S_2O_8$ ADDED
IW-01	1.25 gallons
IW-02	1.25 gallons
IW-03	1.00 gallons
IW-04	1.50 Gallons
IW-05	1.25 Gallons
IW-06	1.25 Gallons

1018 - Closed up all wells. Decon'ed Equipment. Changed Clothes.

1045 - Left site.

1120. at URS office.

Continued on Page

Read and Understood By

John A Boyd 9/4/09

Signed Date Signed Date

PROJECT Former Dowell Facility Quarterly Sampling

Notebook No. 11175848.00000

Continued From Page

TUESDAY SEPTEMBER 15, 2009

0620 Scott McCone (URS) arrives at the former Dowell facility to collect groundwater samples from monitoring wells MW-06S, MW-06D, MW-07S, and MW-07D and from recovery well RW-01. URS set up by monitoring well MW-07S.

0625 URS opened the road box for monitoring well MW-07S. The road box was full of water and URS commenced removing the water.

0630 URS completed removing the water from the road box. The J-plug was intact and in place. Depth to water 5.64 feet TOIC and depth to bottom 18.88 feet TOIC.

0635 URS commenced low flow purging of monitoring well MW-07S

0650 URS completed low flow purging of monitoring well MW-07S.

0655 URS collected sample MW-07S-09/09 and placed the sample in an ice filled cooler.

0700 URS secured monitoring well MW-07S and moved to monitoring well MW-07D.

0705 URS opened the road box for monitoring well MW-07D. Road box was dry, and the J-plug was intact and in place. Depth to water 4.52 feet TOIC and depth to bottom 30.04 feet TOIC.

0710 URS commenced low flow purging of monitoring well MW-07D.

0725 URS completed low flow purging of monitoring well MW-07D.

0730 URS collected sample MW-07D-09/09 and placed the sample in an ice filled cooler.

0735 URS secured monitoring well MW-07D and moved to monitoring well MW-06S.

0740 URS opened the road box for monitoring well MW-06S. Road box was dry, and the J-plug was intact and in place. Depth to water 3.02 feet TOIC and depth to bottom 19.69 feet TOIC.

0745 URS commenced low flow purging of monitoring well MW-06S.

0800 URS completed low flow purging of monitoring well MW-06S.

0805 URS collected sample MW-06S-09/09 and placed the sample in an ice filled cooler.

0810 URS secured monitoring well MW-06S and opened the road box for monitoring well MW-06D. Road box was dry, and the J-plug was intact and in place. Depth to water 3.70 feet TOIC and depth to bottom 29.93 feet TOIC.

0815 URS commenced low flow purging of monitoring well MW-06D.

0830 URS completed low flow purging of monitoring well MW-06D.

0835 URS collected sample MW-06D-09/09, and placed the sample in an ice filled cooler.

0840 URS secured monitoring well MW-06D and moved to ~~the~~ recovery wells RW-01.

0845 URS opened recovery well RW-01. Depth to water 3.76 feet TOIC and depth to bottom 18.49 feet TOIC.

0850 URS commenced low flow purging of ~~the~~ recovery well RW-01.

0905 URS completed low flow purging of recovery well RW-01.

0910 URS collected sample RW-01-09/09 and placed the sample in an ice filled cooler.

0915 URS secured recovery well RW01.

Continued on Page

Read and Understood By

Signed — Date — Signed — Date

9/15/09

PROJECT Former Dowell Facility Quarterly Sampling

Continued From Page

TUESDAY SEPTEMBER 15, 2009

0930 URS Completed Packing Samples and Commenced Recording Water Levels in Remaining Monitoring Wells, Piezometers, Recovery Wells, and Injection Wells.

1030 URS Completed Recording Water Levels and Departed the Site.

1100 URS Shipped the Samples to Adirondack Environmental Services under FedEx Airbill 866024069587

[signature] 9/15/09

Continued on Page

Read and Understood By

Signed	Date	Signed	Date
[signature]	9/15/09		

10/5/2009 WX: Cloudy. Temp. 53°F. Personnel: John Boyd, URS

0940 – Left URS office – drive to former Dowell Facility SITE

1005 – arrived at the SITE

1018 opened MW-6S DTW = 1.73' TOTAL depth = 19.71' bTOC
D.O = 23.72 mg/L. TEMP. = 12.6°C

1030 opened MW-6D Road box full of water but J-plug Tight. DTW = 1.69' bTOC TOTAL depth = 29.45' bTOC
D.O = 13.49 mg/L. TEMP. = 12.8°C
INSPECTED site for damage or missing equipment – None NOTED

1101 – Left SITE for URS office after locking trailer + main gate.

1125 – Arrived at URS office

SUMMARY

Monitoring Well	D.O	DTW	T. Depth	TEMP
MW-6S	23.72 mg/L	1.73' bTOC	19.71' bTOC	12.6°C
MW-6D	13.49 mg/L	1.69' bTOC	29.45' bTOC	12.8°C

Continued on Page

Read and Understood By

John Boyd 10/5/2009

Signed Date Signed Date

PROJECT Former Dowell Facility

Notebook No. _____

Continued From Page _____

10/16/2009 Friday Wx. Cloudy - Cold - Temps in 40°F

Personnel: John Boyd URS

000 Left URS office - drove to SITE.

025 - Arrived at SITE. Opened gate, Trailer. all wells.

047 Measured opened MW-06S. Depth to water 0.99 btoc. Total depth is 19.71' btoc. D.O. is 16.46 mg/L + Temp = 14.2°C

1055 Opened MW-06D Depth to water = 1.51 btoc. Total depth is 29.33' btoc (Very Soft bottom). DO = 9.10 mg/L. Temp = 12.9°C

1100 Began Purging MW-06S.

1132 Finished purging MW-06S. Removed 11.5 gallons of water

1133 Began purging MW-06D

156 Finished purging MW-06D. Removed 9.75 gallons.

1203 Began Mixing Chemicals for injection. Mixed 1 gallon of hydrogen peroxide to 1 LB of Sodium Persulfate.

235 Finished injections. The following Solutions were Added to Injection wells.

Injection well	H_2O_2 / $NA_2S_2O_8$ ADDED
IW-01	1.5 gallons
IW-02	1.5 gallons
IW-03	1.5 gallons
IW-04	2.25 gallons
IW-05	2.75 gallons
IW-06	2.50 gallons

Cleaned Equipment. Closed up all wells.

1310 Left SITE

1333. Arrived at URS Office

NOTE. WATER TANK at 260 gal mark

255 LB bags of $Na_2S_2O_8$ Remain

3½ 55 gal drums of hydrogen Peroxide Remain

Continued on Page

Read and Understood By

Scott Boyd 10/16/09

Signed Date Signed Date

10/19/09 Monday Wx. Sunny. Temps in 50°F. Breeze from SW
Personnel: John Boyd - URS
1306 - J. Boyd left URS office Drove to site.
1330 Arrived at the site. Unlocked gate and trailer Changed clothes unlocked injection wells - Set up for injections.
1350 Opened MW-6S. Depth to water = 1.74' btoc, Total depth = 19.73' btoc. D.O = 27.85 mg/L. Temperature = 14.7°C.
1401 - Opened MW-6D. Depth to water = 0.95' btoc Total depth = 29.41' btoc. DO = 8.15 mg/L. Temp = 12.8°C
1413 Began purging MW-6S
1430 Finished purging MW-6S. Removed 9 gallons.
1431 Began purging MW-6D
1450 Finished purging MW-6D Removed 8.5 gallons
1455 Began mixing chemicals for injections: one gallon hydrogen peroxide to 10 pound Sodium Persulfate injected chemicals into the 6 injection wells - see field sheet for amounts and also below.

Injection well	H_2O_2 / $NA_2S_2O_8$ Added
IW-01	1.0 gallons
IW-02	1.25 gallons
IW-03	1.25 gallons
IW-04	2.0 gallons
IW-05	2.5 gallons
IW-06	2.0 gallons

1531 Finished injections. Cleaned up Equipment Closed/locked wells, changed clothes.
NOTE. Water Tank now at about 280 gallons (280 gal)
One and ½ bags of Sodium Persulfate remain.
3½ drums of Hydrogen Peroxide remain
1555 - Left site
16-20 - Arrived at URS Office

Continued on Page

Read and Understood By

Signed Date Signed Date

Matt Boyd 10/19/09

PROJECT Former Dowell Facility

Notebook No. _____

Continued From Page _____

10/21/09 – Wednesday Wx: Sunny – warm Temps mid 60°F

Personnel: John Boyd – URS

1115 – Left URS office – Drove to site

1145 – arrived at the site. Opened gate, Trailer. Changed clothes.

~~1218~~ Drum of hydrogen peroxide almost empty. Changed pump to new drum

1218 Opened MW-06S. Depth to water = 0.54' btoc Total depth = 19.73' btoc. D.O. = 34.98 mg/L Temperature = 14.9°C

1225 Opened MW-06D Depth to water = 0.75' btoc Total depth = 29.35' btoc. Very Soft bottom. DO = 10.28 mg/L Temp = 13.7°C

1235 Began purging MW-06S

1258 Finished purging MW-06S. 8.75 gallons removed.

1300 Began purging MW-06D

1323 Finished purging MW-06D 9 gallons removed.

1327 ~~At~~ Began mixing injection chemicals. Mixed 1 gallon of hydrogen peroxide to 1 pound of Sodium persulfate. Began adding chemicals to injection wells. Amounts shown below:

Injection Well	H_2O_2/$NA_2S_2O_8$ Added
IW-01	1.25 gallons
IW-02	1.75 gallons
IW-03	1.50 gallons
IW-04	0.75 gallons
IW-05	1.00 gallons
IW-06	1.25 gallons

NOTE - ½ gallon of chemicals added to purge tank

1400 Finished injection. Cleaned equipment. Closed all wells. Changed clothes

Quantities Remaining: 1½ bags of Sodium Persulfate (Approx. 80 lbs)
3 full 55 gal drums of hydrogen Peroxide
1 drum w/ 49 gallons of hydrogen Peroxide

Water Tank has about 290 gallons in it. (300 gal capacity.)

1425 Left site

1453 Arrived at URS office

Continued on Page

Read and Understood By

John Boyd 10/21/09

Signed Date Signed Date

10/28/09 Wednesday Wx Cool, Temps in Lows 50°F Cloudy Light intermittent Rain. Calm.

Personnel: John Boyd - URS

1145 Prepared for sampling and injections at the site

1200 Left URS office - drove to the site.

1225 Arrived at the site. Changed clothes, opened all injection wells.

1300 Collected Two 40 ml vials from Purge water Tank for Analysis of VOC's. Lab is Adirondack Sample Designation is "Purge water Tank"

1318 Opened well MW-06S. Depth to water = 1.09' btoc, total depth of well is 27.04' btoc. D.O = 27.04 mg/L. Temp = 14.8C

1324 Opened well MW-06D. Depth to water = 1.26' btoc total depth = 29.35' btoc. D.O. = 8.54 mg/L. Temperature = 13.0 C

1333 Began bailing MW-06S. Road Box kept filling up w/ water and it had to be emptied often.

1352 - Finished bailing MW-06S. Removed 8.25 gallons to "dry"

1353 Began bailing MW-06S.

1413 Finished bailing MW-06S. Removed 0.75 gallons to dry

1416 Began mixing injection Chemicals. Mixed 1 gallon of hydrogen peroxide to 1 Lb of Sodium Persulfate. Added mixture to the 6 injection wells as shown below

Injection Well	H_2O_2/$NA_2S_2O_8$ Added
IW-01	1.50 gallons
IW-02	1.50 gallons
IW-03	1.25 gallons
IW-04	1.75 gallons
IW-05	2.75 gallons
IW-06	2.25 gallons

NOTE: Quantities Remaining
3 full 55 gal drums H_2O_2
plus 3 7 gals H_2O_2
1 1/4 bag Sodium Persulfate
Purge water Tank has about 310 gals in it

1 gallon of chemicals added to purge tank

1445 - Finished injections. Closed all wells. Decon'd equipment. Changed Clothes.

1521 Left site

1551 Arrived at URS office

Continued on Page

Read and Understood By

John Boyd 10/28/09
Signed Date Signed Date

PROJECT Former Dowell Facility

Notebook No. _____

Continued From Page _____

1/4/09 Wednesday. Wx: Cool - Temps Low 50s. Cloudy - Scattered Rain

Personnel: John Boyd - URS

1040 - Left URS office - Drive to site

1110 arrived at site. Opened all wells. Changed Clothes.

1135 Opened well MW-06S - DTW = 1.10'. Total depth = 19.73' BTOC

DO = 24.62 mg/L Temperature = 14.6°F

1143 Opened well MW-06D. DTW = 1.41' BTOC. Total depth = 29.36' BTOC

DO = 7.13 mg/L. Temp = 12.3°C

1155 Began bailing MW-06S

1212 Finished bailing MW-06S Removed 8 gallons

1213 Began bailing MW-06D

1233 Finished bailing MW-06D. Removed 8 3/4 gallons.

1237 Began mixing injection chemicals. Mixed 1 Gallon Hydrogen Peroxide (H_2O_2) with 1 pound of Sodium Persulfate. ($NA_2S_2O_8$). Added this mixture to injection wells in following quantities

INJECTION WELL	H_2O_2/$NA_2S_2O_8$ ADDED
IW-01	1.50 gallons
IW-02	1.50 gallons
IW-03	1.50 gallons
IW-04	2.00 gallons
IW-05	2.75 gallons
IW-06	2.25 gallons

NOTE: 0.5 gallons of chemicals added to purge TANK

1315 Finished injections. Began to clean equipment, Closed wells - Changed clothing

1340 Left site.

1408 Arrived at office

Continued on Page

Read and Understood By

Signed	Date	Signed	Date
[signature]	11/4/09		

11/6/09 Friday Wx Partly Cloudy. Temps Low 40°F. Breeze from West

Personnel: John Boyd JRS

1030 Left URS office - Drove to site with stop at TOPS Market to buy distilled water

1120 arrived at site - opened wells, Changed clothes. Set up for purging, and well measurements,

1150 opened MW-06S. DTW = 0.46' btoc. Total depth = 19.73 btoc D.O. = 2.13 mg/L, Temp. = 12.6°C.

1159 opened MW-06D DTW = 0.64' btoc, Total depth = 29.40 btoc. D.O. = 8.35 mg/L, Temp = 11.8°C

1208 Began bailing MW-06S

1223 Finished bailing MW-06S - Removed 8 gallons

1224 Began bailing MW-06D

1245 Finished bailing MW-06D Removed 9 gallons

1247 Began mixing injection chemicals. Mixed one gallon of hydrogen peroxide w/ 1 pound of sodium persulfate. Added This mixture to injection wells in the quantities shown below.

Injection well	H_2O_2 / $NA_2S_2O_8$ Added
IW-01	0.75 gallons
IW-02	1.25 gallons
IW-03	1.00 gallons
IW-04	1.50 gallons
IW-05	1.00 gallons
IW-06	1.50 gallons

NOTE. 1 gallon of chemical Added to TANK.

1310 ~~Finished~~ Finished injection chemicals - Closed all wells, Cleaned Equipment. Changed clothes.

Quantities Remaining

1 bag (55 lbs) Sodium Persulfate

3 full 55 gal. drums of H_2O_2

1 partially full drum of H_2O_2 - with approx 13 gallons.

1337 - Left site

1405 Arrived at URS Office

Continued on Page

Read and Understood By

John Boyd 11/6/09

Signed Date Signed Date

11/9/09 Monday. Wx: Partly cloudy - warm - Temps in low 60°F - Breezy from West
Personnel: Jo Lamb Boyd URS
1305 - Left URS office
1335 - Arrived at the site. opened wells, Trailer, changed clothes
1400 opened MW-06S. DTW = 1.08' BTOC. TOTAL DEPTH = 19.73' BTOC
D.O = 31.23 mg/L. Temperature = 14.4°C.
1408 opened MW-06D. DTW = 1.39' BTOC. Total depth = 29.36' BTOC,
D.O. = 9.98 mg/L. Temperature = 13.6°C
1414 - Began bailing MW-06S
1427 Finished bailing MW-06S - Removed 8.0 gallons to dry
1428 Began bailing MW-06D -
1446 Finished bailing MW 06D. Removed 8.75 gallon to dry
1450 Began MIXING INJECTION chemicals. Mixed one gallon of Hydrogen Peroxide (H_2O_2) with one pound of Sodium Persulfate ($Na_2S_2O_8$). Added MIXTURE to INJECTION wells as follows:

INJECTION WELL	H_2O_2/$Na_2S_2O_8$ Added
IW-01	1.25 gallons
IW-02	1.50 gallons
IW-03	1.25 gallons
IW-04	2.0 gallons
IW-05	2.0 gallons
IW-06	2.0 gallons

1514 FINISHED INJECTION. Closed up all wells. Covered roof of TRAILER TEARS W/ duct TAPE to keep out rain water
QUANTITIES ~~REMAINING~~ REMAINING:
45 LBS Sodium Persulfate
3 FULL 55 gallon drums of Hydrogen Peroxide
1 55 gallon drum of ABOUT 5 gallons.
PURGE TANK NOW HAS ABOUT 360 gallons STORED IN IT
1540 - Left site
1610 Arrived at URS office -

Continued on Page

Read and Understood By

Jo Lamb Boyd — 11/9/09 — _____ — _____
Signed — Date — Signed — Date

11/11/09 Wednesday wx. Partly Cloudy. Cool. Temps in Low 50°F NE breeze

Personnel: John Boyd – URS

0935 – left URS Office

1005 – arrived at SITE. unlocked Trailer, wells. Changed clothes. Moved pump from to new drum (H_2S_2)

1052 – opened MW-06S. Riser under a lot of pressure as J-Plug was a tight fit. DTW was at 5.53' BTOC – water was slowly rising. Moved to MW-06D

1056 Opened MW-06D. DTW = 1.38' BTOC. Total depth = 29.46' BTOC. D.O = 9.24 mg/L. Temperature = 14.1°C.

1106 Moved back to MW-06S. New DTW = 4.32' BTOC. Total depth = 19.73 BTOC. D.O = 22.50 mg/L. Temperature = 13.5°C.

1111 Began bailing MW-06S.

1122 Finished bailing MW-06S. Removed 5.5 gallons

1123 Began bailing MW-06D

1141 Finished bailing MW-06D. Removed 8.25 gallons. all purge water placed in 300 gallon purge water tank, which is now 9/12 full. Fill opening is 6-inches in diameter. water about 8" from the top of the fill.

1143 Began mixing injection Chemicals. Mixed one gallon of H_2S_2 with one pound of Sodium Persulfate. Chemicals added to injection wells in following quantities

Injection Well	H_2O_2/$NA_2S_2O_8$ Added
IW-01	1.00 gallon
IW-02	1.25 gallons
IW-03	1.00 gallon
IW-04	1.25 gallons
IW-05	2.00 gallons
IW-06	2.00 gallons

1205 Finished injections – Cleaned up equipment. Closed wells. Changed Clothes. Quantities Remaining at SITE = 2 Full drums of hydrogen peroxide, one drum with 54 gallons (full less 1 gallon) 36.5 Lbs Sodium Persulfate.

Continued on Page

1235 – left site

1305 – Arrived at URS office

Read and Understood By

Signed _____ Date 11/11/09 Signed _____ Date _____

11/13/2009 Friday Wx Partly Sunny - Temps in Low 50° F.

Personnel: John Bayo - URS

0905 - Left URS office

1030 - Arrived at site. Opened all wells including RW-1 and RW-2. Changed clothes

1053 Measured water levels at RW-1 = 2.78' BTOC

1055 Measured depth to water at RW-2 = 3.57' BTOC.

1057 - Opened MW-06S. DTW = 1.07' BTOC, TOTAL depth = 19.73' BTOC
D.O. = 26.95 mg/L Temperature = 13.9°C

1111 Opened MW-06D. DTW = 1.35' BTOC. TOTAL depth = 29.46' BTOC
D.O. = 11.46 mg/L Temperature = 12.5°C

1118 Began bailing MW-06S.

1138 Finished bailing MW-06S. Removed 8 gallons. water placed in a 55 gal. poly drum located in the Trailer

1139 Began bailing MW-06D

1200 Finished bailing MW-06D. Removed 8 gallons Placed water in the poly drum in the Trailer

1201 Began mixing injection chemicals. Mixed one gallon of H_2O_2 to 1 pound of Sodium Persulfate. Mixtures added as follows

INJECTION WELL	H_2O_2/$Na_2S_2O_8$ Added
IW-01	1.5 gallons
IW-02	1.5 gallons
IW-03	1 gallons
IW-04	1.5 gallons
IW-05	0.75 gallons
IW06	1.5 gallons

0.25 gallons of injection fluid added to Purge Tank

1223 - Finished injections. Began adding H_2O_2 to RW-1.

1320 - 4 7/2 gallons added to RW-1. Cleaned up Equipment. Switched pump to new drum. Changed Clothes. Locked all wells

1405 - left site

NOTE: Quantities remaining. 37 LBS Sodium Persulfate.
2 full drums Hydrogen Peroxide. Purge Tank has ± 368 gallons
1 poly drum has 16 gallons of purge water

Read and Understood By

John Bayo 11/13/09
Signed Date

Signed Date

11/18/2009 Wednesday CLEAR Partly Cloudy - warm - Temps mid to high 50s F, SE Easterly breeze

Personnel: John Boyd URS

1220 Left URS - Drove to site
1245 - Arrived at site. Opened all wells. Changed clothes.
1317 - Opened MW-06S. DTW 1.55 btoc. TOTAL depth = 19.73' btoc
1322 Opened MW-06D. DTW = 1.63' btoc. TOTAL depth = 29.56' btoc
1325 - Began bailing MW 06S
1344 Finished bailing MW-06S. Removed 7.5 gallons. Purge water placed in a 55 gallon poly drum inside the trailer
1345 Began bailing MW-06D
1405 Finished bailing MW-06D 8 gallons removed. Purge water placed in poly drum inside Trailer. Drum marked as to contents + quantities added by date
1410 Began mixing injection chemicals. Mixed one gallon of H_2O_2 with 1 pound Sodium Persulfate. Quantities added to injection wells shown below.

Injection well	H_2O_2/$NA_2S_2O_8$ Added
IW-01	1.5 gallons
IW-02	2.00 gallons
IW-03	1.25 gallons
IW-04	2.25 gallons
IW-05	2.25 gallons
IW-06	2.00 gallons

1435 - Finished injections. Cleaned equipment. Closed/locked all wells. Changed clothes.
1506 - Left site
1529 - Arrived at URS office

Quantities Remaining:
About 25 pounds Sodium Persulfate.
about 98 gallons of Hydrogen Peroxide.

Continued on Page

Read and Understood By

Signed _____ Date 11/18/09 Signed _____ Date

PROJECT Former Dowell Facility NOTEBOOK NO. _____

Continued From Page _____

11/19/2009 Thursday WX. Cloudy - Rain Temps Low 50°F

Personnel: JBlanBoyd URS

1030 - left URS office - drive TO SITE

1055 - arrived at SITE. Opened injection wells. Changed clothes. Removed water in injection wells between inner and outer casings. Cleaned up water that had covered the floor of Trailer (Leaky roof)

1145 - Opened well MW-06S - DTW 1.62. ~~Total dep~~ bTOC. Total depth = 19.73' bTOC DO = 3430 mg/L. Temperature = 14.0°C

1156. Opened MW 06D. DTW = 2.32' bTOC. Total depth = 29.58' bTOC D.O = 8.70 mg/L. Temperature = 13.2°C

1204 Began bailing MW-06S -

1217 Finished bailing MW-06S - Removed 6.25 gallons. Purge water placed in 300 gallon purge Tank.

1218 Began bailing MW-06D.

1233 Finished bailing MW-06D. ~~Purge water~~ Removed 7.75 gallons. Water placed in 300 gallon purge water Tank.

1235. Began MIXING INJECTION chemicals. MIXED one gallon hydrogen peroxide TO 1 pound of Sodium Persulfate. Quantities added to INJECTION wells shown below.

INJECTION Wells	H_2O_2/$Na_2S_2O_8$ Added
IW-01	0.5 gallons
IW-02	None added - casing filled
IW-03	0.5 gallons
IW-04	1.5 gallons
IW-05	None Added - casing full
IW-06	0.5 gallons

1 gallon injection chemical placed in 55 gal. poly drum (used for purge water)

1250. FINISHED INJECTIONS. Closed up all wells. Cleaned all Equipment Changed clothes.

1320 left SITE.

Quantities Remaining ≈ 94 gallons of hydrogen Peroxide ≈ 21 LBS of Sodium Persulfate

Continued on Page

Read and Understood By

JBlanBoyd 11/19/2009

Signed Date Signed Date

11/20/09 Friday Wx: Partly cloudy - cloudy - warm - Temps in 50°F

Personnel: John Boyd - URS

1030 Left URS office - drove to site

1055 arrived at the site. opened wells changed clothes. Removed water in between inner + outer casing caused by injection water overflowing well riser.

1130 - Opened MW-06S. DTW = 1.83' btoc TOTAL depth = 19.73' btoc. DO = 22.96 mg/L. Temperature = 13.2°C

1138 Opened MW-06D. DTW = 2.50' btoc Total depth = 29.56' btoc DO = 8.01 mg/L. Temperature = 12.4°C

1145 Began bailing MW-06S.

1158 Finished bailing MW-06S - Removed 6 gallons Placed in 300 gallon poly tank

1159 Began bailing MW-06D.

1215 Finished bailing MW-06D. Removed 8 gallons - Water placed in poly 55 gallon drum

1218 Began Mixing Injection Chemicals. Mixed one gallon of hydrogen peroxide to 1 pound of Sodium Persulfate. Had enough Sodium Persulfate to mix 8 gallons Injected Chemicals as shown below. ~~NOTE: only hydrogen peroxide~~

Injection well	H_2O_2/$NA_2S_2O_8$ Added
IW01	1.0 gallon
IW-02	0.75 gallon
IW-03	1.25 gallons
IW-04	1.5 gallons
IW-05	1.0 gallons
IW-06	1.0 gallons

NOTE: 1½ gallons of Injection chemical added to 55 gal. poly drum.

1246 Finished injections - Closed all wells. Decorned Equipment. Changed Clothes

1313 Left site.

Continued on Page

Read and Understood By

John Boyd 11/20/09

Signed Date Signed Date

PROJECT Former Dowell Facility — NOTEBOOK NO. ____ — Continued From Page ____

11/23/2009 - Monday — WX: SUNNY, warm - 50°F
Personnel: John Boyd - URS
1120 Left Office - drove to Toppa Markets. Purchased distilled water - drove to site.
1200 Arrived at the site - Opened wells. Changed clothes. Took inventory of Equipment present in the trailer.
1230 opened MW-06S. DTW = 0.99 btoc TOTAL depth = 19.73' btoc. D.O. = 31.28 mg/L. Temperature = 13.8°C
1238 opened MW-06D. DTW = 1.40' btoc. TOTAL depth = 29.56' btoc. DO = 10.60 mg/L. Temp. = 12.4°C
1246 Began bailing MW-06S
1301 Finished bailing MW-06S. Removed 7 gallons Purge water placed in poly 55 gallon drum
1302 - Began bailing MW-06D.
1319 Finished bailing MW-06D. Removed 8 gallons - Purge water placed in 55 gallon poly drum.
1321 Began Mixing Injecton Chemicals. Mixed one gallon of hydrogen peroxide to one pound Sodium persulfate.
Only had enough Sodium persulfate (7 pounds) to ~~MAKE~~ MIX 7 gallons of Injecton Chemicals.
Chemicals added as shown below.

INJECTION well	H_2O_2/$NA_2S_2O_8$ ADDED
IW-01	1.25 ADDED (gallons)
IW-02	1.25 Gallons
IW-03	1.50 Gallons
IW-04	1.25 gallons
IW-05	1.75 Gallons
IW-06	2.00 gallons *

* NOTE - 1 gallon was INJECTION MIX one gallon was 100% hydrogen peroxide (NO Sodium persulfate).

1340 Finished Injections. closed all wells. DECONNED Equipment Changed Clothes.
NOTE: REMAINING QUANTITIES of Chemicals:
Hydrogen peroxide = 78 gallons
Sodium persulfate = 0 pounds
1420 - Left Site

Continued on Page

Read and Understood By

Signed — 11/23/09 Date — Signed — Date

11/24/09 Tuesday WX Partly cloudy - Temp. in 50°.
Personnel: John Boyd URS
0915 - Left URS office
0940 arrived at Trestle Opened all wells to air dry clothes
Set up equipment
1002 Opened MW-06S DTW = 1.67 btoc TOTAL depth = 19.73 btoc
DO = 29.99 mg/L Temperature = 13.4°C
1009 opened MW-06D DTW = 1.96 btoc Total depth = 79.59 btoc
DO = 10.33 mg/L Temperature = 12.8°C
1018 Began bailing MW-06S
1025 Finished bailing MW-06S - Removed 6 gallons water placed in the 300 poly tank
1026 Started bailing MW-06D
1042 Finished bailing MW-06D. Removed 7.75 gallons - water placed in 300 gallon poly tank
1050 Began injections of only hydrogen peroxide - there is no more Sodium persulfate Quantities added shown below

Injection well	H_2O_2 added
IW-01	0.75 gallon
IW-02	0.5 gallon
IW-03	0.5 gallon
IW-04	1.00 gallon
IW-05	0.5 gallon
IW-06	0.75 gallon

1055 Injections completed. Loaded some of the injection equipment into car to deliver to URS office - cleaned equipment - Closed wells changed clothes
1130 Left site - Drove to office

Continued on Page

Read and Understood By

John Boyd 11/24/09
Signed Date Signed Date

PROJECT Former Dowell Facility

Notebook No. _____

Continued From Page _____

11/25/2009 WEDNESDAY WX: RAIN - Cloudy Temps in 50°F

Personnel: John Boyd URS

1130 Left URS office

1155 Arrived at the SITE. Set up for Injections of hydrogen peroxide into Recovery well RW-1

1242 - Began adding hydrogen peroxide to RW-1 A total of 74 gallons were added to RW-1

1400 Injections finished - Began cleaning equipment and loading equipment into personal vehicle.

1505. Left SITE.

only Items present in Trailer are

- 4 poly drum (55 gallon) Empty
- 1 poly drum (55 gallon) full of purge water
- 1 drum dolly
- 1 broom
- 1 Eye wash STATION

Continued on Page

Read and Understood By

John Boyd 11/25/09

Signed Date Signed Date

APPENDIX C-3

ANALYTICAL DATA

Adirondack Environmental Services Inc.

Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

June 16, 2009

Bob Henschel
URS Consultants Inc.
77 Goodell Street
Buffalo, NY 14203

TEL: (716) 856-5636
FAX: (716) 856-2545

Work Order No: 090604016

RE: Former Dowell Site

Dear Bob Henschel:

Adirondack Environmental Services, Inc received 2 samples on 6/4/2009 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Tara Daniels
Laboratory Manager

ELAP#: 10709
AIHA#: 100307

CC:
MS/MSD Report

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *16-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	IW-03
Work Order:	090604016	**Collection Date:**	6/2/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090604016-001
PO#:		**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/Kg	1	6/15/2009 11:04:00 AM
Bromomethane	< 10	10		µg/Kg	1	6/15/2009 11:04:00 AM
Vinyl chloride	< 10	10		µg/Kg	1	6/15/2009 11:04:00 AM
Chloroethane	< 10	10		µg/Kg	1	6/15/2009 11:04:00 AM
Methylene chloride	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Acetone	< 10	10		µg/Kg	1	6/15/2009 11:04:00 AM
Carbon disulfide	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
1,1-Dichloroethene	7	5		µg/Kg	1	6/15/2009 11:04:00 AM
1,1-Dichloroethane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Chloroform	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
1,2-Dichloroethane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
2-Butanone	< 10	10		µg/Kg	1	6/15/2009 11:04:00 AM
1,1,1-Trichloroethane	19	5		µg/Kg	1	6/15/2009 11:04:00 AM
Carbon tetrachloride	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Bromodichloromethane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
1,2-Dichloropropane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Trichloroethene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Dibromochloromethane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Benzene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Bromoform	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	6/15/2009 11:04:00 AM
2-Hexanone	< 10	10		µg/Kg	1	6/15/2009 11:04:00 AM
Tetrachloroethene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Toluene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Chlorobenzene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Ethylbenzene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Styrene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
m,p-Xylene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
o-Xylene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Methyl Acetate	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *16-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	IW-03
Work Order:	090604016	**Collection Date:**	6/2/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090604016-001
PO#:		**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Trichlorofluoromethane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Cyclohexane	< 10	10		µg/Kg	1	6/15/2009 11:04:00 AM
Methyl Cyclohexane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
1,2-Dibromoethane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
Isopropylbenzene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	6/15/2009 11:04:00 AM

Qualifiers:

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J - Analyte detected below quanititation limits
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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *16-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	IW-04
Work Order:	090604016	**Collection Date:**	6/2/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090604016-002
PO#:		**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/Kg	1	6/15/2009 11:32:00 AM
Bromomethane	< 10	10		µg/Kg	1	6/15/2009 11:32:00 AM
Vinyl chloride	< 10	10		µg/Kg	1	6/15/2009 11:32:00 AM
Chloroethane	< 10	10		µg/Kg	1	6/15/2009 11:32:00 AM
Methylene chloride	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Acetone	< 10	10		µg/Kg	1	6/15/2009 11:32:00 AM
Carbon disulfide	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
1,1-Dichloroethene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
1,1-Dichloroethane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
trans-1,2-Dichloroethene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
cis-1,2-Dichloroethene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Chloroform	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
1,2-Dichloroethane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
2-Butanone	< 10	10		µg/Kg	1	6/15/2009 11:32:00 AM
1,1,1-Trichloroethane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Carbon tetrachloride	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Bromodichloromethane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
1,2-Dichloropropane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
cis-1,3-Dichloropropene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Trichloroethene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Dibromochloromethane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
1,1,2-Trichloroethane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Benzene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
trans-1,3-Dichloropropene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Bromoform	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
4-Methyl-2-pentanone	< 10	10		µg/Kg	1	6/15/2009 11:32:00 AM
2-Hexanone	< 10	10		µg/Kg	1	6/15/2009 11:32:00 AM
Tetrachloroethene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
1,1,2,2-Tetrachloroethane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Toluene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Chlorobenzene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Ethylbenzene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Styrene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
m,p-Xylene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
o-Xylene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Methyl tert-butyl ether	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Dichlorodifluoromethane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Methyl Acetate	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM

Qualifiers:

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B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

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R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *16-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	IW-04
Work Order:	090604016	**Collection Date:**	6/2/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090604016-002
PO#:		**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Trichlorofluoromethane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Cyclohexane	< 10	10		µg/Kg	1	6/15/2009 11:32:00 AM
Methyl Cyclohexane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
1,2-Dibromoethane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
1,3-Dichlorobenzene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
Isopropylbenzene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
1,4-Dichlorobenzene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
1,2-Dichlorobenzene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
1,2-Dibromo-3-chloropropane	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM
1,2,4-Trichlorobenzene	< 5	5		µg/Kg	1	6/15/2009 11:32:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

090604016

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11175848.00060

SITE NAME Former Doepell Site

SAMPLERS (PRINT/SIGNATURE) Scott W. McCabe

LAB Adirondack Env. Svs

COOLER 1 of 1

PAGE 1 of 1

DELIVERY SERVICE: Fed Ex AIRBILL NO.: 8690 5510 7476

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	TESTS: TCL VOC (8260)	BOTTLE TYPE AND PRESERVATIVE: 4 oz Glass	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOG NO. # (ERDIMS)
01 IW-03	6/2/09	1600	GRAB	IW-03-06/09	SO	1	1	1		N	15.0	15.5	-
02 IW-04	6/3/09	1025	GRAB	IW-04-06/09	SO	1	1	1		N	25.0	25.5	-

MATRIX CODES

AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES

TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
Scott W. McCabe	6/3/09	1230	fedex 4°C.		
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME
			Sarah Beal	6.4.09	9:18m

SPECIAL INSTRUCTIONS

Bob Henschel
URS Corporation
77 Goodell St
Buffalo NY 14203

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/ColCR/GCM

Adirondack Environmental Services, Inc

Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

June 30, 2009

Bob Henschel
URS Consultants Inc.
77 Goodell Street
Buffalo, NY 14203

TEL: (716) 856-5636
FAX: (716) 856-2545

Work Order No: 090617014

Project# : 11175848.00000

RE: Former Dowell Site

Dear Bob Henschel:

Adirondack Environmental Services, Inc received 7 samples on 6/17/2009 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Tara Daniels
Laboratory Manager

ELAP#: 10709
AIHA#: 100307

cc:
MS/MSD Report

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	MW-06S
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-001
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 50	50		µg/L	5	6/26/2009 6:40:00 PM
Bromomethane	< 50	50		µg/L	5	6/26/2009 6:40:00 PM
Vinyl chloride	< 50	50		µg/L	5	6/26/2009 6:40:00 PM
Chloroethane	< 50	50		µg/L	5	6/26/2009 6:40:00 PM
Methylene chloride	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Acetone	< 50	50		µg/L	5	6/26/2009 6:40:00 PM
Carbon disulfide	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
1,1-Dichloroethene	260	25		µg/L	5	6/26/2009 6:40:00 PM
1,1-Dichloroethane	440	25		µg/L	5	6/26/2009 6:40:00 PM
trans-1,2-Dichloroethene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
cis-1,2-Dichloroethene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Chloroform	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
1,2-Dichloroethane	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
2-Butanone	< 50	50		µg/L	5	6/26/2009 6:40:00 PM
1,1,1-Trichloroethane	460	25		µg/L	5	6/26/2009 6:40:00 PM
Carbon tetrachloride	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Bromodichloromethane	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
1,2-Dichloropropane	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
cis-1,3-Dichloropropene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Trichloroethene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Dibromochloromethane	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
1,1,2-Trichloroethane	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Benzene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
trans-1,3-Dichloropropene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Bromoform	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
4-Methyl-2-pentanone	< 50	50		µg/L	5	6/26/2009 6:40:00 PM
2-Hexanone	< 50	50		µg/L	5	6/26/2009 6:40:00 PM
Tetrachloroethene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
1,1,2,2-Tetrachloroethane	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Toluene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Chlorobenzene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Ethylbenzene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Styrene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
m,p-Xylene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
o-Xylene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Methyl tert-butyl ether	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Dichlorodifluoromethane	< 50	50		µg/L	5	6/26/2009 6:40:00 PM
Methyl Acetate	< 25	25		µg/L	5	6/26/2009 6:40:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	MW-06S
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-001
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Cyclohexane	< 50	50		µg/L	5	6/26/2009 6:40:00 PM
Trichlorofluoromethane	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Methyl Cyclohexane	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
1,2-Dibromoethane	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
1,3-Dichlorobenzene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
Isopropylbenzene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
1,2-Dichlorobenzene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
1,4-Dichlorobenzene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM
1,2-Dibromo-3-chloropropane	< 50	50		µg/L	5	6/26/2009 6:40:00 PM
1,2,4-Trichlorobenzene	< 25	25		µg/L	5	6/26/2009 6:40:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	MW-06D
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-002
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 1000	1000		µg/L	100	6/29/2009 10:53:00 AM
Bromomethane	< 1000	1000		µg/L	100	6/29/2009 10:53:00 AM
Vinyl chloride	< 1000	1000		µg/L	100	6/29/2009 10:53:00 AM
Chloroethane	< 1000	1000		µg/L	100	6/29/2009 10:53:00 AM
Methylene chloride	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Acetone	< 1000	1000		µg/L	100	6/29/2009 10:53:00 AM
Carbon disulfide	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
1,1-Dichloroethene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
1,1-Dichloroethane	16000	500		µg/L	100	6/29/2009 10:53:00 AM
trans-1,2-Dichloroethene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
cis-1,2-Dichloroethene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Chloroform	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
1,2-Dichloroethane	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
2-Butanone	< 1000	1000		µg/L	100	6/29/2009 10:53:00 AM
1,1,1-Trichloroethane	550	500		µg/L	100	6/29/2009 10:53:00 AM
Carbon tetrachloride	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Bromodichloromethane	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
1,2-Dichloropropane	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
cis-1,3-Dichloropropene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Trichloroethene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Dibromochloromethane	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
1,1,2-Trichloroethane	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Benzene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
trans-1,3-Dichloropropene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Bromoform	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
4-Methyl-2-pentanone	< 1000	1000		µg/L	100	6/29/2009 10:53:00 AM
2-Hexanone	< 1000	1000		µg/L	100	6/29/2009 10:53:00 AM
Tetrachloroethene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
1,1,2,2-Tetrachloroethane	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Toluene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Chlorobenzene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Ethylbenzene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Styrene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
m,p-Xylene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
o-Xylene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Methyl tert-butyl ether	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Dichlorodifluoromethane	< 1000	1000		µg/L	100	6/29/2009 10:53:00 AM
Methyl Acetate	< 500	500		µg/L	100	6/29/2009 10:53:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	MW-06D
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-002
PO#:		**Matrix:**	GROUNDWATER
	Project# : 11175848.00000		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Cyclohexane	< 1000	1000		µg/L	100	6/29/2009 10:53:00 AM
Trichlorofluoromethane	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Methyl Cyclohexane	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
1,2-Dibromoethane	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
1,3-Dichlorobenzene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
Isopropylbenzene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
1,2-Dichlorobenzene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
1,4-Dichlorobenzene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM
1,2-Dibromo-3-chloropropane	< 1000	1000		µg/L	100	6/29/2009 10:53:00 AM
1,2,4-Trichlorobenzene	< 500	500		µg/L	100	6/29/2009 10:53:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	IW-01S
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-003
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 500	500		µg/L	50	6/26/2009 4:36:00 PM
Bromomethane	< 500	500		µg/L	50	6/26/2009 4:36:00 PM
Vinyl chloride	< 500	500		µg/L	50	6/26/2009 4:36:00 PM
Chloroethane	< 500	500		µg/L	50	6/26/2009 4:36:00 PM
Methylene chloride	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Acetone	< 500	500		µg/L	50	6/26/2009 4:36:00 PM
Carbon disulfide	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
1,1-Dichloroethene	460	250		µg/L	50	6/26/2009 4:36:00 PM
1,1-Dichloroethane	5100	250		µg/L	50	6/26/2009 4:36:00 PM
trans-1,2-Dichloroethene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
cis-1,2-Dichloroethene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Chloroform	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
1,2-Dichloroethane	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
2-Butanone	< 500	500		µg/L	50	6/26/2009 4:36:00 PM
1,1,1-Trichloroethane	580	250		µg/L	50	6/26/2009 4:36:00 PM
Carbon tetrachloride	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Bromodichloromethane	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
1,2-Dichloropropane	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
cis-1,3-Dichloropropene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Trichloroethene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Dibromochloromethane	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
1,1,2-Trichloroethane	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Benzene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
trans-1,3-Dichloropropene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Bromoform	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
4-Methyl-2-pentanone	< 500	500		µg/L	50	6/26/2009 4:36:00 PM
2-Hexanone	< 500	500		µg/L	50	6/26/2009 4:36:00 PM
Tetrachloroethene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
1,1,2,2-Tetrachloroethane	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Toluene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Chlorobenzene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Ethylbenzene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Styrene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
m,p-Xylene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
o-Xylene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Methyl tert-butyl ether	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Dichlorodifluoromethane	< 500	500		µg/L	50	6/26/2009 4:36:00 PM
Methyl Acetate	< 250	250		µg/L	50	6/26/2009 4:36:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	IW-01S
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-003
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Cyclohexane	< 500	500		µg/L	50	6/26/2009 4:36:00 PM
Trichlorofluoromethane	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Methyl Cyclohexane	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
1,2-Dibromoethane	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
1,3-Dichlorobenzene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
Isopropylbenzene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
1,2-Dichlorobenzene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
1,4-Dichlorobenzene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM
1,2-Dibromo-3-chloropropane	< 500	500		µg/L	50	6/26/2009 4:36:00 PM
1,2,4-Trichlorobenzene	< 250	250		µg/L	50	6/26/2009 4:36:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	IW-03S
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-004
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 100	100		µg/L	10	6/26/2009 5:01:00 PM
Bromomethane	< 100	100		µg/L	10	6/26/2009 5:01:00 PM
Vinyl chloride	< 100	100		µg/L	10	6/26/2009 5:01:00 PM
Chloroethane	< 100	100		µg/L	10	6/26/2009 5:01:00 PM
Methylene chloride	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Acetone	< 100	100		µg/L	10	6/26/2009 5:01:00 PM
Carbon disulfide	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
1,1-Dichloroethene	810	50		µg/L	10	6/26/2009 5:01:00 PM
1,1-Dichloroethane	320	50		µg/L	10	6/26/2009 5:01:00 PM
trans-1,2-Dichloroethene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
cis-1,2-Dichloroethene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Chloroform	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
1,2-Dichloroethane	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
2-Butanone	< 100	100		µg/L	10	6/26/2009 5:01:00 PM
1,1,1-Trichloroethane	1700	50		µg/L	10	6/26/2009 5:01:00 PM
Carbon tetrachloride	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Bromodichloromethane	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
1,2-Dichloropropane	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
cis-1,3-Dichloropropene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Trichloroethene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Dibromochloromethane	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
1,1,2-Trichloroethane	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Benzene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
trans-1,3-Dichloropropene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Bromoform	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
4-Methyl-2-pentanone	< 100	100		µg/L	10	6/26/2009 5:01:00 PM
2-Hexanone	< 100	100		µg/L	10	6/26/2009 5:01:00 PM
Tetrachloroethene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
1,1,2,2-Tetrachloroethane	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Toluene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Chlorobenzene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Ethylbenzene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Styrene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
m,p-Xylene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
o-Xylene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Methyl tert-butyl ether	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Dichlorodifluoromethane	< 100	100		µg/L	10	6/26/2009 5:01:00 PM
Methyl Acetate	< 50	50		µg/L	10	6/26/2009 5:01:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	IW-03S
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-004
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Cyclohexane	< 100	100		µg/L	10	6/26/2009 5:01:00 PM
Trichlorofluoromethane	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Methyl Cyclohexane	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
1,2-Dibromoethane	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
1,3-Dichlorobenzene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
Isopropylbenzene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
1,2-Dichlorobenzene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
1,4-Dichlorobenzene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM
1,2-Dibromo-3-chloropropane	< 100	100		µg/L	10	6/26/2009 5:01:00 PM
1,2,4-Trichlorobenzene	< 50	50		µg/L	10	6/26/2009 5:01:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	IW-05D
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-005
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 100	100		µg/L	10	6/26/2009 5:26:00 PM
Bromomethane	< 100	100		µg/L	10	6/26/2009 5:26:00 PM
Vinyl chloride	< 100	100		µg/L	10	6/26/2009 5:26:00 PM
Chloroethane	< 100	100		µg/L	10	6/26/2009 5:26:00 PM
Methylene chloride	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Acetone	< 100	100		µg/L	10	6/26/2009 5:26:00 PM
Carbon disulfide	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
1,1-Dichloroethene	59	50		µg/L	10	6/26/2009 5:26:00 PM
1,1-Dichloroethane	780	50		µg/L	10	6/26/2009 5:26:00 PM
trans-1,2-Dichloroethene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
cis-1,2-Dichloroethene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Chloroform	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
1,2-Dichloroethane	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
2-Butanone	< 100	100		µg/L	10	6/26/2009 5:26:00 PM
1,1,1-Trichloroethane	140	50		µg/L	10	6/26/2009 5:26:00 PM
Carbon tetrachloride	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Bromodichloromethane	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
1,2-Dichloropropane	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
cis-1,3-Dichloropropene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Trichloroethene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Dibromochloromethane	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
1,1,2-Trichloroethane	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Benzene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
trans-1,3-Dichloropropene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Bromoform	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
4-Methyl-2-pentanone	< 100	100		µg/L	10	6/26/2009 5:26:00 PM
2-Hexanone	< 100	100		µg/L	10	6/26/2009 5:26:00 PM
Tetrachloroethene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
1,1,2,2-Tetrachloroethane	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Toluene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Chlorobenzene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Ethylbenzene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Styrene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
m,p-Xylene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
o-Xylene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Methyl tert-butyl ether	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Dichlorodifluoromethane	< 100	100		µg/L	10	6/26/2009 5:26:00 PM
Methyl Acetate	< 50	50		µg/L	10	6/26/2009 5:26:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	IW-05D
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-005
PO#:		**Matrix:**	GROUNDWATER
	Project# : 11175848.00000		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Cyclohexane	< 100	100		µg/L	10	6/26/2009 5:26:00 PM
Trichlorofluoromethane	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Methyl Cyclohexane	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
1,2-Dibromoethane	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
1,3-Dichlorobenzene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
Isopropylbenzene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
1,2-Dichlorobenzene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
1,4-Dichlorobenzene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM
1,2-Dibromo-3-chloropropane	< 100	100		µg/L	10	6/26/2009 5:26:00 PM
1,2,4-Trichlorobenzene	< 50	50		µg/L	10	6/26/2009 5:26:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	IW-06D
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-006
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 100	100		µg/L	10	6/26/2009 5:51:00 PM
Bromomethane	< 100	100		µg/L	10	6/26/2009 5:51:00 PM
Vinyl chloride	< 100	100		µg/L	10	6/26/2009 5:51:00 PM
Chloroethane	< 100	100		µg/L	10	6/26/2009 5:51:00 PM
Methylene chloride	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Acetone	< 100	100		µg/L	10	6/26/2009 5:51:00 PM
Carbon disulfide	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
1,1-Dichloroethene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
1,1-Dichloroethane	1400	50		µg/L	10	6/26/2009 5:51:00 PM
trans-1,2-Dichloroethene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
cis-1,2-Dichloroethene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Chloroform	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
1,2-Dichloroethane	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
2-Butanone	< 100	100		µg/L	10	6/26/2009 5:51:00 PM
1,1,1-Trichloroethane	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Carbon tetrachloride	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Bromodichloromethane	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
1,2-Dichloropropane	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
cis-1,3-Dichloropropene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Trichloroethene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Dibromochloromethane	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
1,1,2-Trichloroethane	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Benzene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
trans-1,3-Dichloropropene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Bromoform	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
4-Methyl-2-pentanone	< 100	100		µg/L	10	6/26/2009 5:51:00 PM
2-Hexanone	< 100	100		µg/L	10	6/26/2009 5:51:00 PM
Tetrachloroethene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
1,1,2,2-Tetrachloroethane	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Toluene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Chlorobenzene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Ethylbenzene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Styrene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
m,p-Xylene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
o-Xylene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Methyl tert-butyl ether	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Dichlorodifluoromethane	< 100	100		µg/L	10	6/26/2009 5:51:00 PM
Methyl Acetate	< 50	50		µg/L	10	6/26/2009 5:51:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	IW-06D
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-006
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Cyclohexane	< 100	100		µg/L	10	6/26/2009 5:51:00 PM
Trichlorofluoromethane	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Methyl Cyclohexane	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
1,2-Dibromoethane	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
1,3-Dichlorobenzene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
Isopropylbenzene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
1,2-Dichlorobenzene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
1,4-Dichlorobenzene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM
1,2-Dibromo-3-chloropropane	< 100	100		µg/L	10	6/26/2009 5:51:00 PM
1,2,4-Trichlorobenzene	< 50	50		µg/L	10	6/26/2009 5:51:00 PM

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quanititation limits
- B - Analyte detected in the associated Method Blank
- X - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- T - Tentitively Identified Compound-Estimated Conc.
- E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	Trip Blank
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-007
PO#:		**Matrix:**	GROUNDWATER
	Project# : 11175848.00000		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	6/26/2009 6:16:00 PM
Bromomethane	< 10	10		µg/L	1	6/26/2009 6:16:00 PM
Vinyl chloride	< 10	10		µg/L	1	6/26/2009 6:16:00 PM
Chloroethane	< 10	10		µg/L	1	6/26/2009 6:16:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Acetone	< 10	10		µg/L	1	6/26/2009 6:16:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Chloroform	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
2-Butanone	< 10	10		µg/L	1	6/26/2009 6:16:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Benzene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Bromoform	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	6/26/2009 6:16:00 PM
2-Hexanone	< 10	10		µg/L	1	6/26/2009 6:16:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Toluene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Styrene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	6/26/2009 6:16:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM

Qualifiers:

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B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	Trip Blank
Work Order:	090617014	**Collection Date:**	6/16/2009
Reference:	Former Dowell Site /	**Lab Sample ID:**	090617014-007
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Cyclohexane	< 10	10		µg/L	1	6/26/2009 6:16:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	6/26/2009 6:16:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	6/26/2009 6:16:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

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T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Jun-09*

CLIENT: URS Consultants Inc.
Work Order: 090617014
Project: Former Dowell Site

ANALYTICAL QC SUMMARY REPORT

BatchID: R64407

MS SeqNo: **788760** TestNo: **SW8260B** RunNo: 64407
Samp ID **090617014-002** (MW-06D) Units: **µg/L** Analysis Date: **6/29/2009**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	6155	500	5000	0	123	78.5	150	0	0		
Benzene	5196	500	5000	0	104	70.8	136	0	0		
Chlorobenzene	7730	500	5000	0	155	73.5	139	0	0		S
Toluene	5433	500	5000	0	109	69.3	132	0	0		
Trichloroethene	5568	500	5000	0	111	80	144	0	0		
Surr: 1,2-Dichloroethane-d4	5996	500	5000	0	120	85	133	0	0		
Surr: 4-Bromofluorobenzene	4581	500	5000	0	91.6	76.7	121	0	0		
Surr: Toluene-d8	4023	500	5000	0	80.5	80.4	117	0	0		

MS SeqNo: **788770** TestNo: **SW8260B** RunNo: 64407
Samp ID **090618046-013** Units: **µg/L** Analysis Date: **6/29/2009**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	68.4	5.0	50	0	137	78.5	150	0	0		
Benzene	47.25	5.0	50	0	94.5	70.8	136	0	0		
Chlorobenzene	64.62	5.0	50	0	129	73.5	139	0	0		
Toluene	52.14	5.0	50	0	104	69.3	132	0	0		
Trichloroethene	50.73	5.0	50	0	101	80	144	0	0		
Surr: 1,2-Dichloroethane-d4	59.17	5.0	50	0	118	85	133	0	0		
Surr: 4-Bromofluorobenzene	47.75	5.0	50	0	95.5	76.7	121	0	0		
Surr: Toluene-d8	39.23	5.0	50	0	78.5	80.4	117	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: URS Consultants Inc.
Work Order: 090617014
Project: Former Dowell Site

ANALYTICAL QC SUMMARY REPORT

BatchID: R64407

MSD SeqNo: **788761** TestNo: **SW8260B** RunNo: .64407
Samp ID **090617014-002** (MW-06D) Units: **µg/L** Analysis Date: **6/29/2009**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	6355	500	5000	0	127	78.5	150	6155	3.20	19.3	
Benzene	5307	500	5000	0	106	70.8	136	5196	2.11	15.5	
Chlorobenzene	6590	500	5000	0	132	73.5	139	7730	15.9	17.2	
Toluene	5586	500	5000	0	112	69.3	132	5433	2.78	20.1	
Trichloroethene	5750	500	5000	0	115	80	144	5568	3.22	11.3	
Surr: 1,2-Dichloroethane-d4	5790	500	5000	0	116	85	133	0	0	0	
Surr: 4-Bromofluorobenzene	4653	500	5000	0	93.1	76.7	121	0	0	0	
Surr: Toluene-d8	3963	500	5000	0	79.3	80.4	117	0	0	0	S

MSD SeqNo: **788771** TestNo: **SW8260B** RunNo: 64407
Samp ID **090618046-013** Units: **µg/L** Analysis Date: **6/29/2009**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	65.13	5.0	50	0	130	78.5	150	68.4	4.90	19.3	
Benzene	43.24	5.0	50	0	86.5	70.8	136	47.25	8.86	15.5	
Chlorobenzene	66.4	5.0	50	0	133	73.5	139	64.62	2.72	17.2	
Toluene	48.5	5.0	50	0	97	69.3	132	52.14	7.23	20.1	
Trichloroethene	46.73	5.0	50	0	93.5	80	144	50.73	8.21	11.3	
Surr: 1,2-Dichloroethane-d4	57	5.0	50	0	114	85	133	0	0	0	
Surr: 4-Bromofluorobenzene	46.52	5.0	50	0	93	76.7	121	0	0	0	
Surr: Toluene-d8	39.23	5.0	50	0	78.5	80.4	117	0	0	0	S

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

0906170141

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11175848.00000

SITE NAME Former Dawes Site

SAMPLERS (PRINT/SIGNATURE) Scott W. McCabe

LAB Adirondack Env. Services

COOLER 1 of 1

PAGE 1 of 1

DELIVERY SERVICE: Fed Ex AIRBILL NO.: 8660 2406 9200

TESTS: TCL VOC (8260)

BOTTLE TYPE AND PRESERVATIVE: 40 ml VOA HCl

	LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	40 ml VOA HCl	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOG NO. # (FRIMS)
001	MW-06S	6/16/09	0635	GRAB	MW-06S-06/09	WG	2	2		N1	-	-	-
002	MW-06D	6/16/09	0705	GRAB	MW-06D-06/09	WG	2	2		N1	-	-	-
	MW-06D	6/16/09	0705	GRAB	MW-06DMS-06/09	WG	2	2		MS1	-	-	-
	MW-06D	6/16/09	0705	GRAB	MW-06DSD-06/09	WG	2	2		SN1	-	-	-
003	IW-01S	6/16/09	1020	GRAB	IW-01S-06/09	WG	2	2		N1	-	-	-
004	IW-03S	6/16/09	0150	GRAB	IW-03S-06/09	WG	2	2		N1	-	-	-
005	IW-05D	6/16/09	0805	GRAB	IW-05D-06/09	WG	2	2		N1	-	-	-
006	IW-06D	6/16/09	0135	GRAB	IW-06D-06/09	WG	2	2		N1	-	-	-
007	TRIP BLANK	6/16/09	1030	GRAB	TB061609	WQ	1	1		TB1	-	-	-

MATRIX CODES: AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES: TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
Scott McCabe	6/16/09	1200			
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME
			J. Michelle	6/17/09	939

SPECIAL INSTRUCTIONS

Bob Henschel
URS Corp
77 Goodell St
Buffalo NY 14203
(716) 856-5636

20 C

Fed Ex

Distribution: Original accompanies shipment, copy to coordinator field files

Adirondack Environmental Services Inc.

Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

September 30, 2009

Bob Henschel
URS Consultants Inc.
77 Goodell Street
Buffalo, NY 14203

TEL: (716) 856-5636
FAX: (716) 856-2545

Work Order No: 090916028

Project# : 11175848.00000

RE: Dowell Site

Dear Bob Henschel:

Adirondack Environmental Services, Inc received 6 samples on 9/16/2009 for the analyses presented in the following report.

These samples were received outside the acceptable temperature range of 2-6 °C

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Tara Daniels
Laboratory Manager

ELAP#: 10709
AIHA#: 100307

CC:
MS/MSD Report

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Sep-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	MW-06S
Work Order:	090916028	**Collection Date:**	9/15/2009
Reference:	Dowell Site /	**Lab Sample ID:**	090916028-001
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: ML
Chloromethane	< 500	500		µg/L	50	9/29/2009 12:38:00 PM
Bromomethane	< 500	500		µg/L	50	9/29/2009 12:38:00 PM
Vinyl chloride	< 500	500		µg/L	50	9/29/2009 12:38:00 PM
Chloroethane	< 500	500		µg/L	50	9/29/2009 12:38:00 PM
Methylene chloride	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Acetone	< 500	500		µg/L	50	9/29/2009 12:38:00 PM
Carbon disulfide	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
1,1-Dichloroethene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
1,1-Dichloroethane	9900	250		µg/L	50	9/29/2009 12:38:00 PM
trans-1,2-Dichloroethene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
cis-1,2-Dichloroethene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Chloroform	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
1,2-Dichloroethane	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
2-Butanone	< 500	500		µg/L	50	9/29/2009 12:38:00 PM
1,1,1-Trichloroethane	310	250		µg/L	50	9/29/2009 12:38:00 PM
Carbon tetrachloride	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Bromodichloromethane	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
1,2-Dichloropropane	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
cis-1,3-Dichloropropene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Trichloroethene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Dibromochloromethane	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
1,1,2-Trichloroethane	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Benzene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
trans-1,3-Dichloropropene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Bromoform	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
4-Methyl-2-pentanone	< 500	500		µg/L	50	9/29/2009 12:38:00 PM
2-Hexanone	< 500	500		µg/L	50	9/29/2009 12:38:00 PM
Tetrachloroethene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
1,1,2,2-Tetrachloroethane	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Toluene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Chlorobenzene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Ethylbenzene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Styrene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
m,p-Xylene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
o-Xylene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Methyl tert-butyl ether	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Dichlorodifluoromethane	< 500	500		µg/L	50	9/29/2009 12:38:00 PM
Methyl Acetate	< 250	250		µg/L	50	9/29/2009 12:38:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Sep-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	MW-06S
Work Order:	090916028	**Collection Date:**	9/15/2009
Reference:	Dowell Site /	**Lab Sample ID:**	090916028-001
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Cyclohexane	< 500	500		µg/L	50	9/29/2009 12:38:00 PM
Trichlorofluoromethane	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Methyl Cyclohexane	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
1,2-Dibromoethane	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
1,3-Dichlorobenzene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
Isopropylbenzene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
1,2-Dichlorobenzene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
1,4-Dichlorobenzene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM
1,2-Dibromo-3-chloropropane	< 500	500		µg/L	50	9/29/2009 12:38:00 PM
1,2,4-Trichlorobenzene	< 250	250		µg/L	50	9/29/2009 12:38:00 PM

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quanititation limits
- B - Analyte detected in the associated Method Blank
- X - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- T - Tentitively Identified Compound-Estimated Conc.
- E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Sep-09*

CLIENT: URS Consultants Inc.
Work Order: 090916028
Reference: Dowell Site /
PO#:
Project# : 11175848.00000

Client Sample ID: MW-06D
Collection Date: 9/15/2009
Lab Sample ID: 090916028-002
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 500	500		µg/L	50	9/29/2009 1:06:00 PM
Bromomethane	< 500	500		µg/L	50	9/29/2009 1:06:00 PM
Vinyl chloride	< 500	500		µg/L	50	9/29/2009 1:06:00 PM
Chloroethane	< 500	500		µg/L	50	9/29/2009 1:06:00 PM
Methylene chloride	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Acetone	< 500	500		µg/L	50	9/29/2009 1:06:00 PM
Carbon disulfide	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
1,1-Dichloroethene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
1,1-Dichloroethane	4700	250		µg/L	50	9/29/2009 1:06:00 PM
trans-1,2-Dichloroethene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
cis-1,2-Dichloroethene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Chloroform	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
1,2-Dichloroethane	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
2-Butanone	< 500	500		µg/L	50	9/29/2009 1:06:00 PM
1,1,1-Trichloroethane	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Carbon tetrachloride	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Bromodichloromethane	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
1,2-Dichloropropane	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
cis-1,3-Dichloropropene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Trichloroethene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Dibromochloromethane	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
1,1,2-Trichloroethane	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Benzene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
trans-1,3-Dichloropropene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Bromoform	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
4-Methyl-2-pentanone	< 500	500		µg/L	50	9/29/2009 1:06:00 PM
2-Hexanone	< 500	500		µg/L	50	9/29/2009 1:06:00 PM
Tetrachloroethene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
1,1,2,2-Tetrachloroethane	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Toluene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Chlorobenzene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Ethylbenzene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Styrene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
m,p-Xylene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
o-Xylene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Methyl tert-butyl ether	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Dichlorodifluoromethane	< 500	500		µg/L	50	9/29/2009 1:06:00 PM
Methyl Acetate	< 250	250		µg/L	50	9/29/2009 1:06:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Sep-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	MW-06D
Work Order:	090916028	**Collection Date:**	9/15/2009
Reference:	Dowell Site /	**Lab Sample ID:**	090916028-002
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Cyclohexane	< 500	500		µg/L	50	9/29/2009 1:06:00 PM
Trichlorofluoromethane	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Methyl Cyclohexane	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
1,2-Dibromoethane	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
1,3-Dichlorobenzene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
Isopropylbenzene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
1,2-Dichlorobenzene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
1,4-Dichlorobenzene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM
1,2-Dibromo-3-chloropropane	< 500	500		µg/L	50	9/29/2009 1:06:00 PM
1,2,4-Trichlorobenzene	< 250	250		µg/L	50	9/29/2009 1:06:00 PM

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quanititation limits
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- R - RPD outside accepted recovery limits
- T - Tentitively Identified Compound-Estimated Conc
- E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Sep-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	MW-07S
Work Order:	090916028	**Collection Date:**	9/15/2009
Reference:	Dowell Site /	**Lab Sample ID:**	090916028-003
PO#:		**Matrix:**	GROUNDWATER
	Project# : 11175848.00000		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	9/28/2009 5:44:00 PM
Bromomethane	< 10	10		µg/L	1	9/28/2009 5:44:00 PM
Vinyl chloride	< 10	10		µg/L	1	9/28/2009 5:44:00 PM
Chloroethane	< 10	10		µg/L	1	9/28/2009 5:44:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Acetone	< 10	10		µg/L	1	9/28/2009 5:44:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Chloroform	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
2-Butanone	< 10	10		µg/L	1	9/28/2009 5:44:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Benzene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Bromoform	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	9/28/2009 5:44:00 PM
2-Hexanone	< 10	10		µg/L	1	9/28/2009 5:44:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Toluene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Styrene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	9/28/2009 5:44:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM

Qualifiers:

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B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Sep-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	MW-07S
Work Order:	090916028	**Collection Date:**	9/15/2009
Reference:	Dowell Site /	**Lab Sample ID:**	090916028-003
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Cyclohexane	< 10	10		µg/L	1	9/28/2009 5:44:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	9/28/2009 5:44:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 5:44:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
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R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Sep-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	MW-07D
Work Order:	090916028	**Collection Date:**	9/15/2009
Reference:	Dowell Site /	**Lab Sample ID:**	090916028-004
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: ML
Chloromethane	< 10	10		µg/L	1	9/28/2009 6:12:00 PM
Bromomethane	< 10	10		µg/L	1	9/28/2009 6:12:00 PM
Vinyl chloride	< 10	10		µg/L	1	9/28/2009 6:12:00 PM
Chloroethane	< 10	10		µg/L	1	9/28/2009 6:12:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Acetone	< 10	10		µg/L	1	9/28/2009 6:12:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Chloroform	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
2-Butanone	< 10	10		µg/L	1	9/28/2009 6:12:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Benzene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Bromoform	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	9/28/2009 6:12:00 PM
2-Hexanone	< 10	10		µg/L	1	9/28/2009 6:12:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Toluene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Styrene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	9/28/2009 6:12:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

X - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Sep-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	MW-07D
Work Order:	090916028	**Collection Date:**	9/15/2009
Reference:	Dowell Site /	**Lab Sample ID:**	090916028-004
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Cyclohexane	< 10	10		µg/L	1	9/28/2009 6:12:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	9/28/2009 6:12:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:12:00 PM

Qualifiers:

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B - Analyte detected in the associated Method Blank
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Sep-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	RW-01
Work Order:	090916028	**Collection Date:**	9/15/2009
Reference:	Dowell Site /	**Lab Sample ID:**	090916028-005
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	9/28/2009 6:41:00 PM
Bromomethane	< 10	10		µg/L	1	9/28/2009 6:41:00 PM
Vinyl chloride	< 10	10		µg/L	1	9/28/2009 6:41:00 PM
Chloroethane	33	10		µg/L	1	9/28/2009 6:41:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Acetone	< 10	10		µg/L	1	9/28/2009 6:41:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
1,1-Dichloroethane	29	5.0		µg/L	1	9/28/2009 6:41:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Chloroform	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
2-Butanone	< 10	10		µg/L	1	9/28/2009 6:41:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Benzene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Bromoform	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	9/28/2009 6:41:00 PM
2-Hexanone	< 10	10		µg/L	1	9/28/2009 6:41:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Toluene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Styrene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	9/28/2009 6:41:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM

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B - Analyte detected in the associated Method Blank
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Sep-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	RW-01
Work Order:	090916028	**Collection Date:**	9/15/2009
Reference:	Dowell Site /	**Lab Sample ID:**	090916028-005
PO#:		**Matrix:**	GROUNDWATER

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Cyclohexane	< 10	10		µg/L	1	9/28/2009 6:41:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	9/28/2009 6:41:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 6:41:00 PM

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Adirondack Environmental Services, Inc

Date: *30-Sep-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	Trip Blank
Work Order:	090916028	**Collection Date:**	9/15/2009
Reference:	Dowell Site /	**Lab Sample ID:**	090916028-006
PO#:		**Matrix:**	TRIP BLANK

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	9/28/2009 7:09:00 PM
Bromomethane	< 10	10		µg/L	1	9/28/2009 7:09:00 PM
Vinyl chloride	< 10	10		µg/L	1	9/28/2009 7:09:00 PM
Chloroethane	< 10	10		µg/L	1	9/28/2009 7:09:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Acetone	< 10	10		µg/L	1	9/28/2009 7:09:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Chloroform	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
2-Butanone	< 10	10		µg/L	1	9/28/2009 7:09:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Benzene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Bromoform	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	9/28/2009 7:09:00 PM
2-Hexanone	< 10	10		µg/L	1	9/28/2009 7:09:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Toluene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Styrene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	9/28/2009 7:09:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM

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T - Tentitively Identified Compound-Estimated Conc.

E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *30-Sep-09*

CLIENT:	URS Consultants Inc.	**Client Sample ID:**	Trip Blank
Work Order:	090916028	**Collection Date:**	9/15/2009
Reference:	Dowell Site /	**Lab Sample ID:**	090916028-006
PO#:		**Matrix:**	TRIP BLANK

Project# : 11175848.00000

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Cyclohexane	< 10	10		µg/L	1	9/28/2009 7:09:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	9/28/2009 7:09:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	9/28/2009 7:09:00 PM

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T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: URS Consultants Inc.
Work Order: 090916028
Project: Dowell Site

ANALYTICAL QC SUMMARY REPORT

BatchID: R66760

MS

SeqNo: **824533** TestNo: **SW8260B** RunNo: 66760
Samp ID **090918068-002** Units: **µg/L** Analysis Date: **9/28/2009**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	63.6	5.0	50	0	127	78.5	150	0	0		
Benzene	55.74	5.0	50	0	111	70.8	136	0	0		
Chlorobenzene	59.21	5.0	50	0	118	73.5	139	0	0		
Toluene	56.97	5.0	50	0	114	69.3	132	0	0		
Trichloroethene	60.08	5.0	50	0	120	80	144	0	0		
Surr: 1,2-Dichloroethane-d4	56.33	5.0	50	0	113	80.7	117	0	0		
Surr: 4-Bromofluorobenzene	55.96	5.0	50	0	112	80.2	127	0	0		
Surr: Toluene-d8	54.07	5.0	50	0	108	79.9	122	0	0		

MSD

SeqNo: **824534** TestNo: **SW8260B** RunNo: 66760
Samp ID **090918068-002** Units: **µg/L** Analysis Date: **9/28/2009**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	64.82	5.0	50	0	130	78.5	150	63.6	1.90	19.3	
Benzene	54.55	5.0	50	0	109	70.8	136	55.74	2.16	15.5	
Chlorobenzene	58.02	5.0	50	0	116	73.5	139	59.21	2.03	17.2	
Toluene	55.56	5.0	50	0	111	69.3	132	56.97	2.51	20.1	
Trichloroethene	57.28	5.0	50	0	115	80	144	60.08	4.77	11.3	
Surr: 1,2-Dichloroethane-d4	56.35	5.0	50	0	113	80.7	117	0	0	0	
Surr: 4-Bromofluorobenzene	54.92	5.0	50	0	110	80.2	127	0	0	0	
Surr: Toluene-d8	54.91	5.0	50	0	110	79.9	122	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: URS Consultants Inc.
Work Order: 090916028
Project: Dowell Site

ANALYTICAL QC SUMMARY REPORT

BatchID: R66788

MS	SeqNo: 825018	TestNo: SW8260B	RunNo: 66788
	Samp ID 090916066-002	Units: µg/L	Analysis Date: 9/29/2009

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	57.08	5.0	50	0	114	78.1	141	0	0		
1,1,2,2-Tetrachloroethane	53.19	5.0	50	0	106	53.6	135	0	0		
1,1,2-Trichloro-1,2,2-trifluoroethane	58.1	5.0	50	0	116	71.7	123	0	0		
1,1,2-Trichloroethane	60.07	5.0	50	0	120	76.7	144	0	0		
1,1-Dichloroethane	61.63	5.0	50	0	123	75.1	139	0	0		
1,1-Dichloroethene	60.9	5.0	50	0	122	78.5	150	0	0		
1,2,4-Trichlorobenzene	39.17	5.0	50	0	78.3	60	128	0	0		
1,2-Dibromo-3-chloropropane	36.46	10	50	0	72.9	60.7	150	0	0		
1,2-Dibromoethane	54.11	5.0	50	0	108	79.8	114	0	0		
1,2-Dichlorobenzene	51.29	5.0	50	0	103	63.3	141	0	0		
1,2-Dichloroethane	51.43	5.0	50	0	103	71.8	139	0	0		
1,2-Dichloropropane	56.58	5.0	50	0	113	70.4	141	0	0		
1,3-Dichlorobenzene	57.65	5.0	50	0	115	67.6	139	0	0		
1,4-Dichlorobenzene	54.01	5.0	50	0	108	65.7	119	0	0		
2-Butanone	40.53	10	50	0	81.1	53	124	0	0		
2-Hexanone	44.9	10	50	0	89.8	60.9	121	0	0		
4-Methyl-2-pentanone	44.16	10	50	0	88.3	56.2	141	0	0		
Acetone	42.85	10	50	0	85.7	54.7	134	0	0		B
Benzene	57.77	5.0	50	0	116	70.8	136	0	0		
Bromodichloromethane	61.63	5.0	50	0	123	68.9	148	0	0		
Bromoform	52.58	5.0	50	0	105	76.7	132	0	0		
Bromomethane	62.07	10	50	0	124	61.7	138	0	0		
Carbon disulfide	58.72	5.0	50	0	117	80.6	134	0	0		
Carbon tetrachloride	58.4	5.0	50	0	117	67.2	148	0	0		
Chlorobenzene	63.24	5.0	50	0	126	73.5	139	0	0		
Chloroethane	67.85	10	50	0	136	73	147	0	0		
Chloroform	57.76	5.0	50	0	116	86.3	144	0	0		
Chloromethane	49.93	10	50	0	99.9	62.6	136	0	0		
cis-1,2-Dichloroethene	116.9	5.0	50	64.15	106	74.1	122	0	0		
cis-1,3-Dichloropropene	55.63	5.0	50	0	111	79.7	132	0	0		
Dibromochloromethane	61.18	5.0	50	0	122	74.1	135	0	0		
Dichlorodifluoromethane	35.96	10	50	0	71.9	41.6	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: URS Consultants Inc.
Work Order: 090916028
Project: Dowell Site

ANALYTICAL QC SUMMARY REPORT

BatchID: R66788

MS SeqNo: **825018** TestNo: **SW8260B** RunNo: 66788
Samp ID **090916066-002** Units: **µg/L** Analysis Date: **9/29/2009**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	59.38	5.0	50	0	119	76.3	130	0	0		
Isopropylbenzene	54.08	5.0	50	0	108	71.4	131	0	0		
m,p-Xylene	116.8	5.0	100	0	117	72.4	136	0	0		
Methyl Acetate	43.36	5.0	50	0	86.7	56.6	128	0	0		
Methyl Cyclohexane	53.93	5.0	50	0	108	85.8	121	0	0		
Methyl tert-butyl ether	52.71	5.0	50	0	105	64.1	152	0	0		
Methylene chloride	55.49	5.0	50	0	111	79.3	135	0	0		
o-Xylene	59.18	5.0	50	0	118	71.9	122	0	0		
Styrene	59.91	5.0	50	0	120	67.8	123	0	0		
Tetrachloroethene	60.25	5.0	50	0	120	79.7	123	0	0		
Toluene	58.3	5.0	50	0	117	69.3	132	0	0		
trans-1,2-Dichloroethene	63.49	5.0	50	0	127	72.6	133	0	0		
trans-1,3-Dichloropropene	51.04	5.0	50	0	102	77	123	0	0		
Trichloroethene	60.76	5.0	50	0	122	80	144	0	0		
Trichlorofluoromethane	57.64	5.0	50	0	115	55.7	153	0	0		
Vinyl chloride	90.12	10	50	43.37	93.5	19.7	158	0	0		
Surr: 1,2-Dichloroethane-d4	53.12	5.0	50	0	106	80.7	117	0	0		
Surr: 4-Bromofluorobenzene	52.57	5.0	50	0	105	80.2	127	0	0		
Surr: Toluene-d8	58.5	5.0	50	0	117	79.9	122	0	0		

MSD SeqNo: **825019** TestNo: **SW8260B** RunNo: 66788
Samp ID **090916066-002** Units: **µg/L** Analysis Date: **9/29/2009**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	56.06	5.0	50	0	112	78.1	141	57.08	1.80	12.1	
1,1,2,2-Tetrachloroethane	55.31	5.0	50	0	111	53.6	135	53.19	3.91	17.2	
1,1,2-Trichloro-1,2,2-trifluoroethane	55.67	5.0	50	0	111	71.7	123	58.1	4.27	13.2	
1,1,2-Trichloroethane	56.41	5.0	50	0	113	76.7	144	60.07	6.28	15.5	
1,1-Dichloroethane	58.74	5.0	50	0	117	75.1	139	61.63	4.80	16	
1,1-Dichloroethene	61.72	5.0	50	0	123	78.5	150	60.9	1.34	19.3	
1,2,4-Trichlorobenzene	46.21	5.0	50	0	92.4	60	128	39.17	16.5	34.4	
1,2-Dibromo-3-chloropropane	47.74	10	50	0	95.5	60.7	150	36.46	26.8	38	
1,2-Dibromoethane	51.06	5.0	50	0	102	79.8	114	54.11	5.80	10.6	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: URS Consultants Inc.
Work Order: 090916028
Project: Dowell Site

ANALYTICAL QC SUMMARY REPORT

BatchID: R66788

MSD SeqNo: 825019 Samp ID 090916066-002 TestNo: SW8260B Units: µg/L RunNo: 66788 Analysis Date: 9/29/2009

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichlorobenzene	53.86	5.0	50	0	108	63.3	141	51.29	4.89	14.6	
1,2-Dichloroethane	51.52	5.0	50	0	103	71.8	139	51.43	0.175	21.8	
1,2-Dichloropropane	56.11	5.0	50	0	112	70.4	141	56.58	0.834	16.8	
1,3-Dichlorobenzene	58.82	5.0	50	0	118	67.6	139	57.65	2.01	14.4	
1,4-Dichlorobenzene	55.28	5.0	50	0	111	65.7	119	54.01	2.32	14.3	
2-Butanone	37.39	10	50	0	74.8	53	124	40.53	8.06	18.3	
2-Hexanone	45.87	10	50	0	91.7	60.9	121	44.9	2.14	26.7	
4-Methyl-2-pentanone	43.51	10	50	0	87	56.2	141	44.16	1.48	11.9	
Acetone	56.02	10	50	0	112	54.7	134	42.85	26.6	30.8	B
Benzene	56.32	5.0	50	0	113	70.8	136	57.77	2.54	15.5	
Bromodichloromethane	56.9	5.0	50	0	114	68.9	148	61.63	7.98	10.3	
Bromoform	55.13	5.0	50	0	110	76.7	132	52.58	4.73	15	
Bromomethane	61.42	10	50	0	123	61.7	138	62.07	1.05	16	
Carbon disulfide	58.72	5.0	50	0	117	80.6	134	58.72	0	16	
Carbon tetrachloride	56.89	5.0	50	0	114	67.2	148	58.4	2.62	13.3	
Chlorobenzene	61.29	5.0	50	0	123	73.5	139	63.24	3.13	17.2	
Chloroethane	63.68	10	50	0	127	73	147	67.85	6.34	10.2	
Chloroform	56.43	5.0	50	0	113	86.3	144	57.76	2.33	12.6	
Chloromethane	50.62	10	50	0	101	62.6	136	49.93	1.37	17	
cis-1,2-Dichloroethene	106.4	5.0	50	64.15	84.5	74.1	122	116.9	9.44	17.3	
cis-1,3-Dichloropropene	54.57	5.0	50	0	109	79.7	132	55.63	1.92	13.6	
Dibromochloromethane	60.2	5.0	50	0	120	74.1	135	61.18	1.61	11.2	
Dichlorodifluoromethane	35.83	10	50	0	71.7	41.6	130	35.96	0.362	12.5	
Ethylbenzene	57.95	5.0	50	0	116	76.3	130	59.38	2.44	18.9	
Isopropylbenzene	54.31	5.0	50	0	109	71.4	131	54.08	0.424	22.9	
m,p-Xylene	113.9	5.0	100	0	114	72.4	136	116.8	2.51	25.5	
Methyl Acetate	43.04	5.0	50	0	86.1	56.6	128	43.36	0.741	39.9	
Methyl Cyclohexane	53.54	5.0	50	0	107	85.8	121	53.93	0.726	17.5	
Methyl tert-butyl ether	50.64	5.0	50	0	101	64.1	152	52.71	4.01	12.3	
Methylene chloride	53.67	5.0	50	0	107	79.3	135	55.49	3.33	13	
o-Xylene	58.26	5.0	50	0	117	71.9	122	59.18	1.57	20.9	
Styrene	59.78	5.0	50	0	120	67.8	123	59.91	0.217	25.6	

Qualifiers: ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: URS Consultants Inc.
Work Order: 090916028
Project: Dowell Site

ANALYTICAL QC SUMMARY REPORT

BatchID: R66788

MSD	SeqNo: 825019	TestNo: SW8260B	RunNo: 66788
	Samp ID 090916066-002	Units: µg/L	Analysis Date: 9/29/2009

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	58.64	5.0	50	0	117	79.7	123	60.25	2.71	11	
Toluene	55.81	5.0	50	0	112	69.3	132	58.3	4.36	20.1	
trans-1,2-Dichloroethene	61.26	5.0	50	0	123	72.6	133	63.49	3.58	10.3	
trans-1,3-Dichloropropene	50	5.0	50	0	100	77	123	51.04	2.06	11.8	
Trichloroethene	55.19	5.0	50	0	110	80	144	60.76	9.61	11.3	
Trichlorofluoromethane	55.82	5.0	50	0	112	55.7	153	57.64	3.21	11.6	
Vinyl chloride	85.4	10	50	43.37	84.1	19.7	158	90.12	5.38	10.3	
Surr: 1,2-Dichloroethane-d4	57.94	5.0	50	0	116	80.7	117	0	0	0	
Surr: 4-Bromofluorobenzene	49.04	5.0	50	0	98.1	80.2	127	0	0	0	
Surr: Toluene-d8	56.54	5.0	50	0	113	79.9	122	0	0	0	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

090916028

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11175848.00000

SITE NAME: Former Dowell Facility

SAMPLERS (PRINT/SIGNATURE): Scott W. McCone [signature]

LAB: Adirondack Env. Services

COOLER 1 of 1

PAGE 1 of 1

DELIVERY SERVICE: FedEx

AIRBILL NO.: 866024069587

TESTS: TCL VOC (8260)

BOTTLE TYPE AND PRESERVATIVE: 40 ML VOA HCl

	LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO # OF CONTAINERS	TCL VOC (8260) 40 ML VOA HCl	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO # (I-RPIMS)
001	MW-06S	9/15/09	0805	Grab	MW06S-09/09	WG	2	2	H_2O_2 may be Present	N1	-	-	-
002	MW-06D	9/15/09	0835	Grab	MW06D-09/09	WG	2	2	H_2O_2 may be Present	N1	-	-	-
003	MW-07S	9/15/09	0655	Grab	MW07S-09/09	WG	2	2		N1	-	-	-
004	MW-07D	9/15/09	0730	Grab	MW07D-09/09	WG	2	2		N1	-	-	-
005	RW-01	9/15/09	0910	Grab	RW01-09/09	WG	2	2		N1	-	-	-
006	Trip Blank	9/15/09	0915	Grab	TB091509	WG	1	1	Trip Blank	TB1	-	-	-

12°C

MATRIX CODES: AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES: TB# TRIP BLANK; SD# MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
[signature]	9/15/09	1200			
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME
			[signature]	9.16.09	10:57 Am

SPECIAL INSTRUCTIONS: Bob Henschel, URS Corporation, 77 Goodell St, Buffalo NY 14203

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CoICR-GCM

Please [illegible] [illegible]
for disposal

Adirondack
Environmental Services, Inc.®

Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

November 06, 2009

Robert Henschel
URS Consultants Inc.
77 Goodell Street
Buffalo, NY 14203

TEL: (716) 856-5636
FAX: (716) 856-2545

Work Order No: 091029012
PO#: vendor# 1062963
Project# : 11175848

RE: Dowell Site

Dear Robert Henschel:

Adirondack Environmental Services, Inc received 1 sample on 10/29/2009 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Tara Daniels
Laboratory Manager

ELAP#: 10709
AIHA#: 100307

CC:
MS/MSD Report

Qualifiers:

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-Nov-09*

CLIENT: URS Consultants Inc.
Work Order: 091029012
Reference: Dowell Site /
PO#: vendor# 1062963
Project# : 11175848

Client Sample ID: Purge Water Tank
Collection Date: 10/28/2009
Lab Sample ID: 091029012-001
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 100	100		µg/L	10	11/5/2009 7:31:00 PM
Bromomethane	< 100	100		µg/L	10	11/5/2009 7:31:00 PM
Vinyl chloride	< 100	100		µg/L	10	11/5/2009 7:31:00 PM
Chloroethane	< 100	100		µg/L	10	11/5/2009 7:31:00 PM
Methylene chloride	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Acetone	< 100	100		µg/L	10	11/5/2009 7:31:00 PM
Carbon disulfide	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
1,1-Dichloroethene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
1,1-Dichloroethane	1000	50		µg/L	10	11/5/2009 7:31:00 PM
trans-1,2-Dichloroethene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
cis-1,2-Dichloroethene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Chloroform	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
1,2-Dichloroethane	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
2-Butanone	< 100	100		µg/L	10	11/5/2009 7:31:00 PM
1,1,1-Trichloroethane	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Carbon tetrachloride	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Bromodichloromethane	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
1,2-Dichloropropane	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
cis-1,3-Dichloropropene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Trichloroethene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Dibromochloromethane	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
1,1,2-Trichloroethane	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Benzene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
trans-1,3-Dichloropropene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Bromoform	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
4-Methyl-2-pentanone	< 100	100		µg/L	10	11/5/2009 7:31:00 PM
2-Hexanone	< 100	100		µg/L	10	11/5/2009 7:31:00 PM
Tetrachloroethene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
1,1,2,2-Tetrachloroethane	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Toluene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Chlorobenzene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Ethylbenzene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Styrene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
m,p-Xylene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
o-Xylene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Methyl tert-butyl ether	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Dichlorodifluoromethane	< 100	100		µg/L	10	11/5/2009 7:31:00 PM
Methyl Acetate	< 50	50		µg/L	10	11/5/2009 7:31:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *06-Nov-09*

CLIENT: URS Consultants Inc.
Work Order: 091029012
Reference: Dowell Site /
PO#: vendor# 1062963
Project# : 11175848

Client Sample ID: Purge Water Tank
Collection Date: 10/28/2009
Lab Sample ID: 091029012-001
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Cyclohexane	< 100	100		µg/L	10	11/5/2009 7:31:00 PM
Trichlorofluoromethane	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Methyl Cyclohexane	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
1,2-Dibromoethane	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
1,3-Dichlorobenzene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
Isopropylbenzene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
1,2-Dichlorobenzene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
1,4-Dichlorobenzene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM
1,2-Dibromo-3-chloropropane	< 100	100		µg/L	10	11/5/2009 7:31:00 PM
1,2,4-Trichlorobenzene	< 50	50		µg/L	10	11/5/2009 7:31:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11175848

SITE NAME Dowell Facility

SAMPLERS (PRINT/SIGNATURE) John Boyd

LAB ADIRONDAK

COOLER 1 of 1

PAGE 1 of 1

DELIVERY SERVICE: FedEx AIRBILL NO.:

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO.# OF CONTAINERS	TESTS: VOCs 8260	BOTTLE TYPE AND PRESERVATIVE: 40 mL	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO.# (IRPIMS ONLY)
—	10/28/09	1300		PURGE WATER TANK	WG	2	✓			N	-	-	-
									4°C				

MATRIX CODES
AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES
TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
John Boyd	10/28/09	1610			
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME
			John B	10-29-09	9:44AM

SPECIAL INSTRUCTIONS
5 day Turnaround Time
Contact Bob Henschel at URS for questions. Send Results to Bob Henschel.

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CoCR/GCM

APPENDIX C-4

INJECTION WELL CONSTRUCTION DETAILS

DRILLING SUMMARY

Geologist: Scott McCone

Contractor: Nature's Way Environmental

Operator:

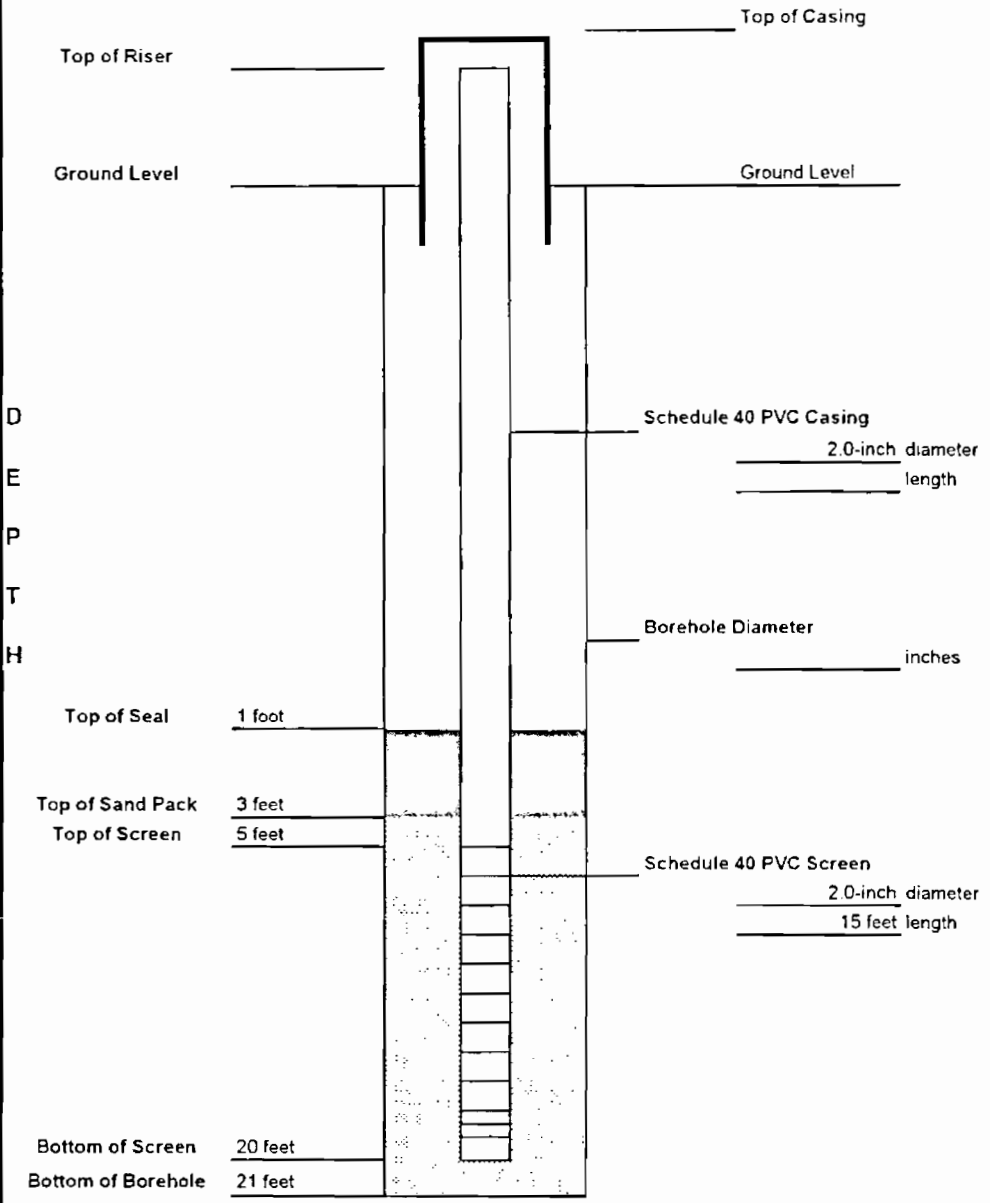
Model:

Date: 06/02/09

GEOLOGIC LOG

Depth(ft.)	Description

WELL DESIGN



CASING MATERIAL

Surface: Schedule 40 PVC

Monitor:

SCREEN MATERIAL

Type: Schedule 40 PVC

Slot Size: 0 010 Inch

FILTER MATERIAL

Type: #5 Global sand
Setting: 21.0 feet to 3.0 feet

SEAL MATERIAL

Type 1: Bentonite pellets
Setting: 3 0 feet to 1 0 feet
Type 2: None
Setting: N/A

COMMENTS:

IW-01 is an injection well for monitoring well MW-06S

LEGEND

- Open Hole
- Bentonite Seal
- Sand Pack

Client: Dowell Schlumberger Inc.	**Location:** Former Dowell Facility	**Project No.:** 11175848.00000
URS Corporation	INJECTION WELL CONSTRUCTION DETAILS	**Well Number:** IW-01

DRILLING SUMMARY

Geologist: Scott McCone

Contractor: Nature's Way Environmental

Operator:

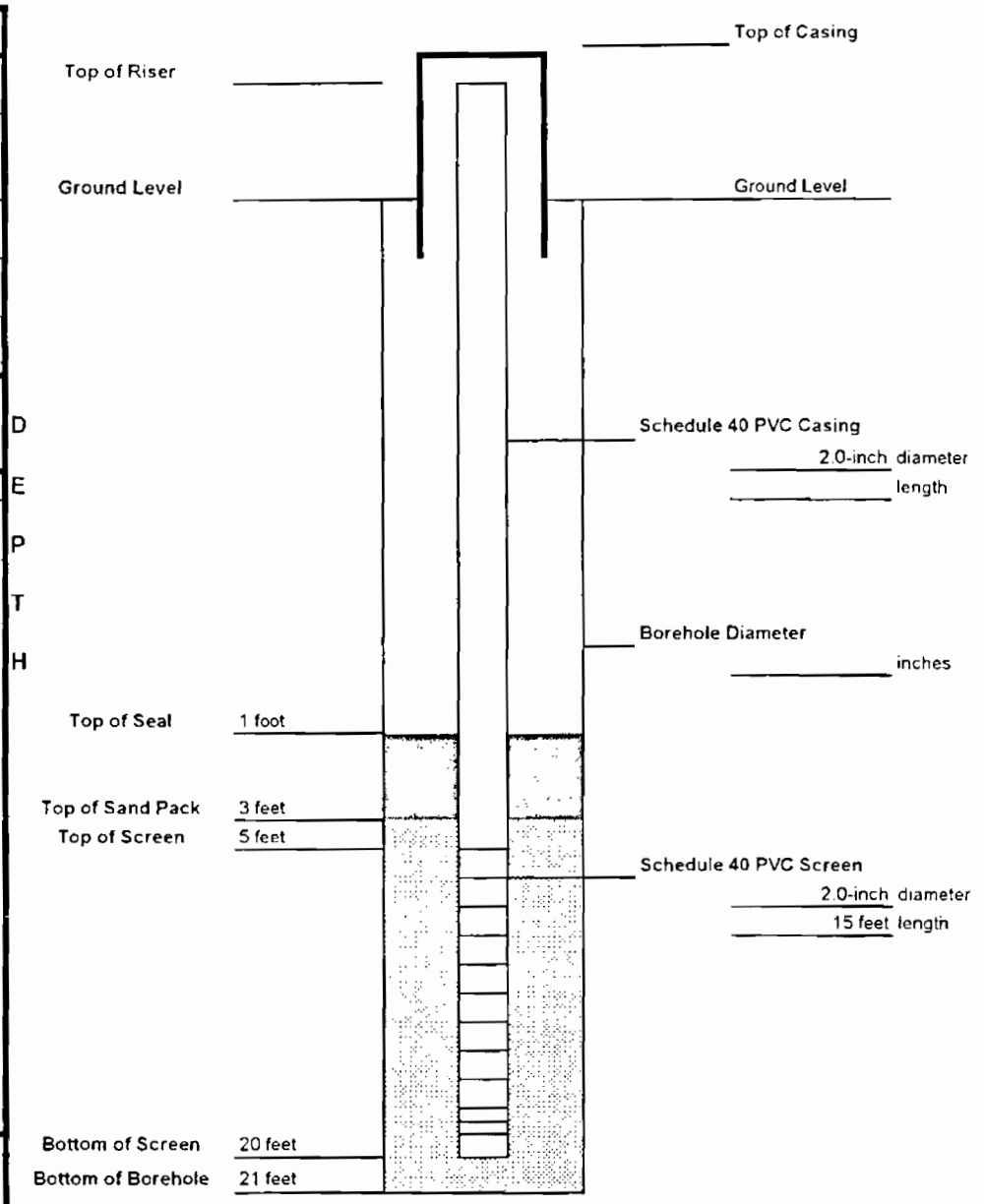
Model:

Date: 06/02/09

GEOLOGIC LOG

Depth(ft.)	Description

WELL DESIGN



CASING MATERIAL

Surface: Schedule 40 PVC

Monitor:

SCREEN MATERIAL

Type: Schedule 40 PVC

Slot Size: 0.010 Inch

FILTER MATERIAL

Type: #5 Global sand
Setting: 21.0 feet to 3.0 feet

SEAL MATERIAL

Type 1: Bentonite pellets
Setting: 3.0 feet to 1.0 feet
Type 2: None
Setting: N/A

COMMENTS:

IW-02 is an injection well for monitoring well MW-06S

LEGEND

Open Hole

Bentonite Seal

Sand Pack

Client: Dowell Schlumberger Inc.

Location: Former Dowell Facility

Project No.: 11175848.00000

URS Corporation

INJECTION WELL CONSTRUCTION DETAILS

Well Number: IW-02

DRILLING SUMMARY

Geologist: Scott McCone

Contractor: Nature's Way Environmental

Operator:

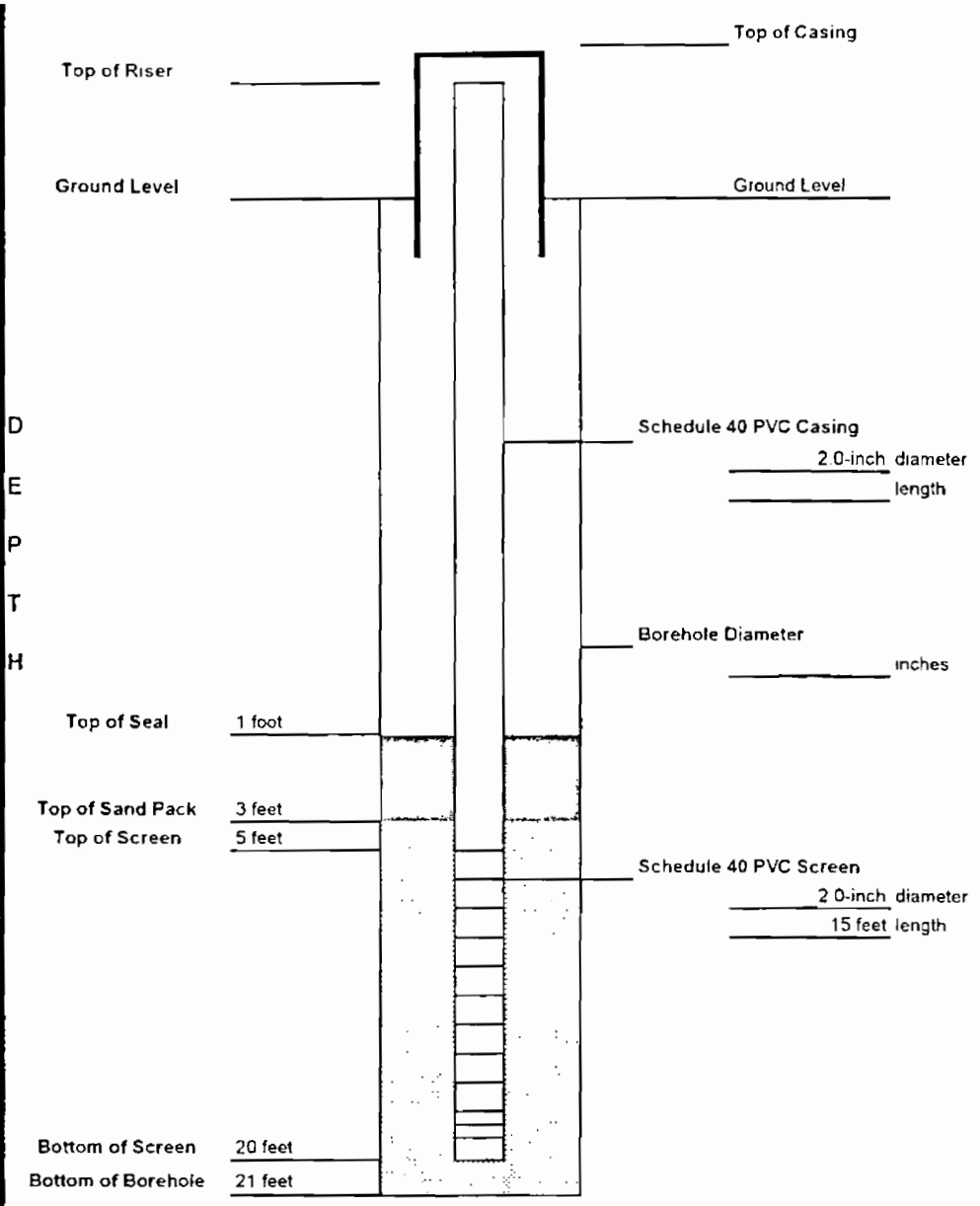
Model:

Date: 06/02/09

GEOLOGIC LOG

Depth(ft.)	Description

DEPTH



WELL DESIGN

CASING MATERIAL

Surface: Schedule 40 PVC

Monitor:

SCREEN MATERIAL

Type: Schedule 40 PVC

Slot Size: 0.010 Inch

FILTER MATERIAL

Type: #5 Global sand
Setting: 21.0 feet to 3.0 feet

SEAL MATERIAL

Type 1: Bentonite pellets
Setting: 3.0 feet to 1.0 feet
Type 2: None
Setting: N/A

COMMENTS:

IW-03 is an injection well for monitoring well MW-06S

LEGEND

- Open Hole
- Bentonite Seal
- Sand Pack

Client: Dowell Schlumberger Inc.

Location: Former Dowell Facility

Project No.: 11175848.00000

URS Corporation

INJECTION WELL CONSTRUCTION DETAILS

Well Number: IW-03

DRILLING SUMMARY

Geologist: Scott McCone

Contractor: Nature's Way Environmental

Operator:

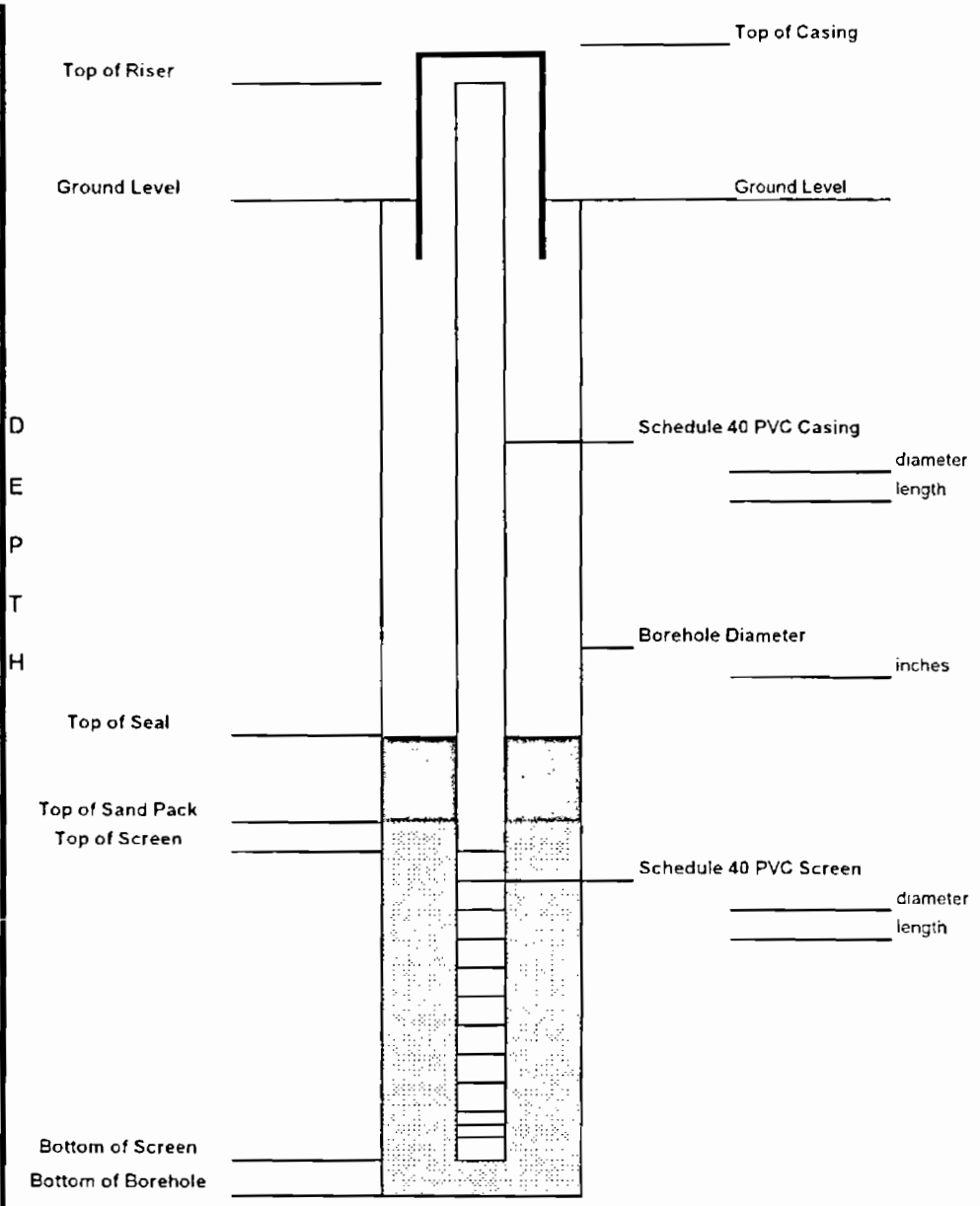
Model:

Date: 06/03/09

GEOLOGIC LOG

Depth(ft.)	Description

WELL DESIGN



CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
Surface:	**Type:**	**Type:** #5 Global sand **Setting:** feet
Monitor:	**Slot Size:**	**SEAL MATERIAL** **Type 1:** Bentonite pellets **Setting:** **Type 2:** None **Setting:** N/A

COMMENTS:
IW-04 is an injection well for monitoring well MW-06D

LEGEND

- Open Hole
- Bentonite Seal
- Sand Pack

Client: Dowell Schlumberger Inc.	**Location:** Former Dowell Facility	**Project No.:** 11175848.00000
URS Corporation	INJECTION WELL CONSTRUCTION DETAILS	**Well Number:** IW-04

DRILLING SUMMARY

Geologist: Scott McCone

Contractor: Nature's Way Environmental

Operator:

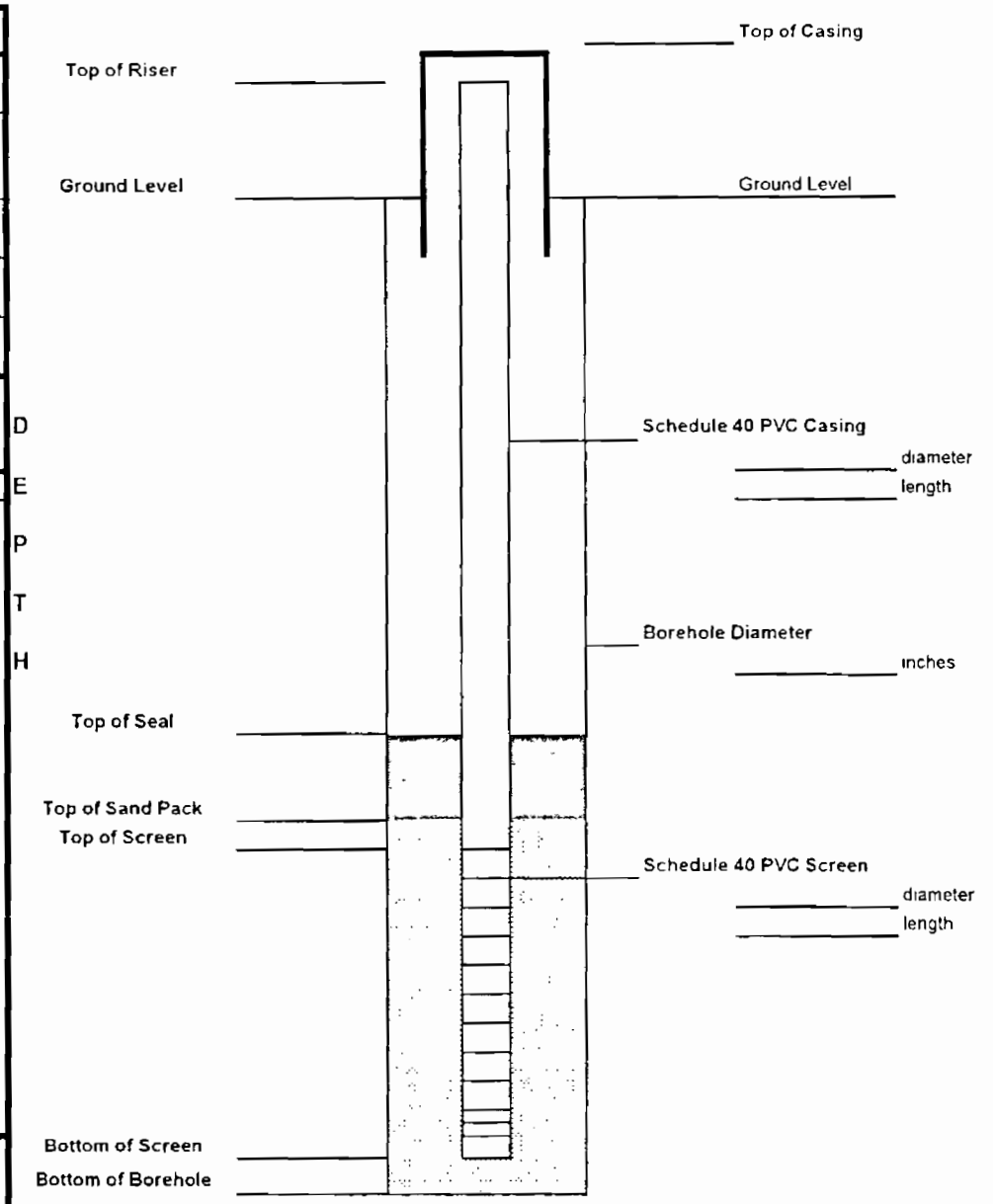
Model:

Date: 06/03/09

GEOLOGIC LOG

Depth(ft.)	Description

WELL DESIGN



CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
Surface:	Type:	Type: #5 Global sand Setting: feet
Monitor:	Slot Size:	**SEAL MATERIAL** Type 1: Bentonite pellets Setting: Type 2: None Setting: N/A

COMMENTS:
IW-05 is an injection well for monitoring well MW-06D

LEGEND

- Open Hole
- Bentonite Seal
- Sand Pack

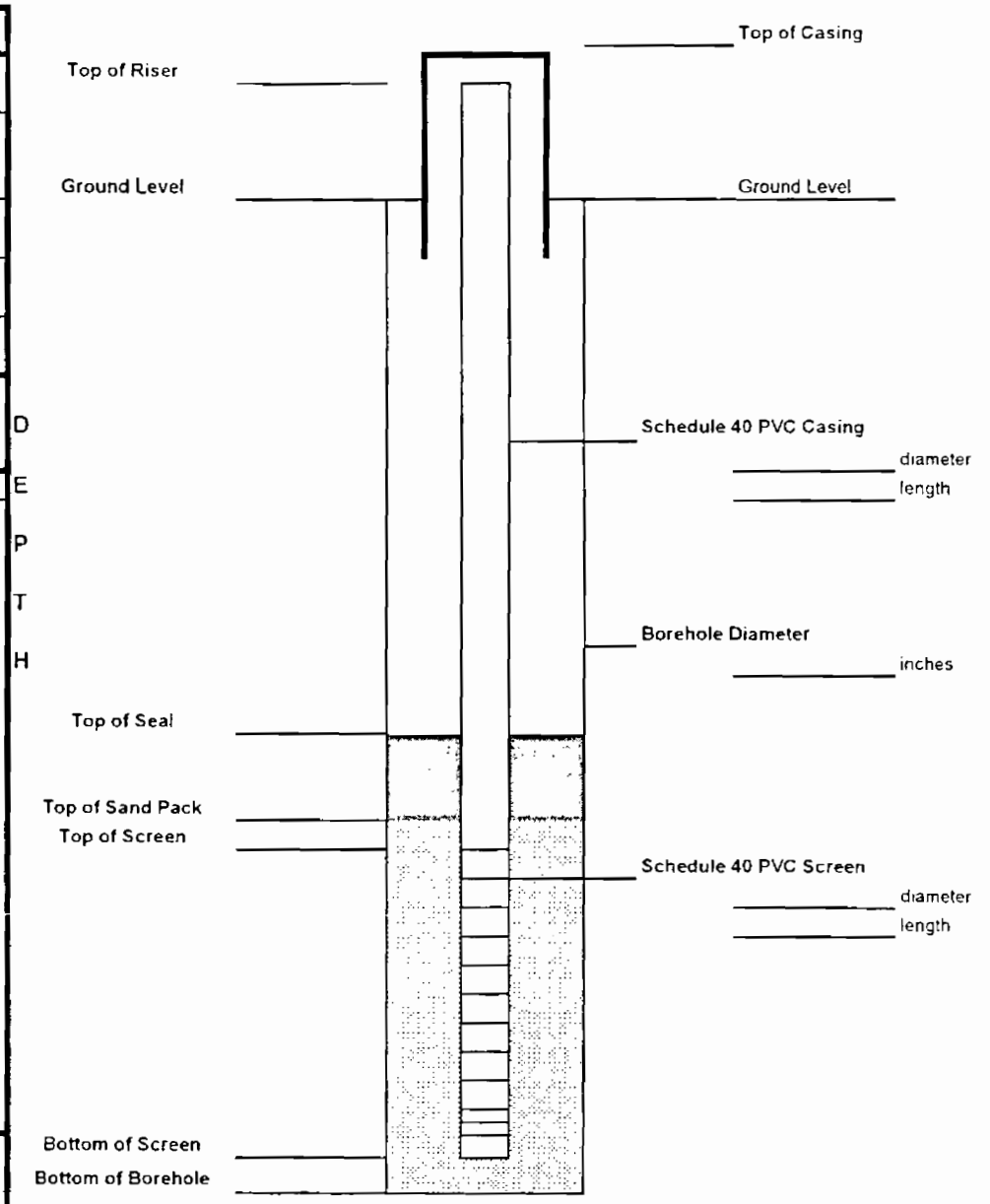
Client: Dowell Schlumberger Inc.	**Location:** Former Dowell Facility	**Project No.:** 11175848.00000
URS Corporation	INJECTION WELL CONSTRUCTION DETAILS	**Well Number:** IW-05

DRILLING SUMMARY
Geologist: Scott McCone
Contractor: Nature's Way Environmental
Operator:
Model:
Date: 06/03/09

GEOLOGIC LOG

Depth(ft.)	Description

WELL DESIGN



CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
Surface:	Type:	Type: #5 Global sand Setting: feet
Monitor:	Slot Size:	**SEAL MATERIAL** Type 1: Bentonite pellets Setting: Type 2: None Setting: N/A

COMMENTS:
IW-06 is an injection well for monitoring well MW-06D

LEGEND

- Open Hole
- Bentonite Seal
- Sand Pack

Client: Dowell Schlumberger Inc.	Location: Former Dowell Facility	Project No.: 11175848.00000
URS Corporation	**INJECTION WELL CONSTRUCTION DETAILS**	Well Number: IW-06

APPENDIX C-5

WELL DEVELOPMENT LOGS

WELL DEVELOPMENT LOG

URS Corporation

PROJECT TITLE: Former Dowell Facility, 3311 Walden Avenue, Depew, NY WELL NO.: IW-01S

PROJECT NO.: 11175848.00000

STAFF: Scott McCone

DATE(S): 06/15/09

			WELL ID.	VOL. (GAL/FT)
1 TOTAL CASING AND SCREEN LENGTH (FT.)	=	22.45	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	5.73	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	16.72	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.84	5"	1.04
6 VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	14.21	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL.)	=	15.00	8"	2.60

OR

V=0.0408 x (CASING DIAMETER)²

	ACCUMULATED VOLUME PURGED (GALLONS)										
PARAMETERS	0.0	3.0	6.0	9.0	12.0	15.0					
pH		7.12	6.94	6.45	6.44	6.53					
SPEC. COND. (umhos)		0.860	0.884	0.934	2.24	2.51					
APPEARANCE		Cloudy	Cloudy	Cloudy	Cloudy	Cloudy					
TEMPERATURE (°C)		14.28	12.70	13.13	12.63	12.03					
TURBIDITY		500	596	731	999+	999+					

COMMENTS:

PID Reading = 0.0 ppm

WELL DEVELOPMENT LOG

URS Corporation

PROJECT TITLE: Former Dowell Facility, 3311 Walden Avenue, Depew, NY WELL NO.: IW-02S

PROJECT NO.: 11175848.00000

STAFF: Scott McCone

DATE(S): 06/15/09

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT)	=	22.72	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	6.09	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	16.66	3"	0 38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0 17	4"	0 66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.83	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	14.16	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL)	=	15.00	8"	2.60

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

	ACCUMULATED VOLUME PURGED (GALLONS)										
PARAMETERS	0 0	3.0	6 0	9.0	12.0	15 0					
pH		7.42	7 43	7.41	7.21	7.16					
SPEC. COND. (umhos)		1 41	1.43	1 59	1 71	1 86					
APPEARANCE		Cloudy	Cloudy	Cloudy	Cloudy	Cloudy					
TEMPERATURE (°C)		15.26	13.93	12.99	12 88	12.57					
TURBIDITY		999+	999+	999+	999+	999+					

COMMENTS:

PID Reading = 0.0 ppm

WELL DEVELOPMENT LOG

URS Corporation

PROJECT TITLE: Former Dovell Facility, 3311 Walden Avenue, Depew, NY WELL NO.: IW-03S

PROJECT NO.: 11175848.00000

STAFF: Scott McCone

DATE(S): 06/15/09

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	22.15	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	8.48	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	13.67	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.32	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	11.62	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL.)	=	12.00	8"	2.60

OR

$V = 0.0408 \times (\text{CASING DIAMETER})^2$

	ACCUMULATED VOLUME PURGED (GALLONS)										
PARAMETERS	0.0	2.4	4.8	7.2	9.6	12.0					
pH		7.38	7.22	7.11	7.05	7.01					
SPEC. COND. (umhos)		1.74	2.05	2.35	2.53	2.67					
APPEARANCE		Cloudy	Cloudy	Cloudy	Cloudy	Cloudy					
TEMPERATURE (°C)		15.81	14.44	13.49	12.99	13.22					
TURBIDITY		888	999+	999+	999+	999+					

COMMENTS:

PID Reading = 0.0 ppm

WELL DEVELOPMENT LOG

URS Corporation

PROJECT TITLE: Former Dowell Facility, 3311 Walden Avenue, Depew, NY WELL NO.: IW-04D

PROJECT NO.: 11175848 00000

STAFF: Scott McCone

DATE(S): 06/15/09

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	32.62	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	12.45	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	20.17	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	3.43	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	17.14	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL.)	=	18.00	8"	2.60

OR

V=0.0408 x (CASING DIAMETER)²

	ACCUMULATED VOLUME PURGED (GALLONS)										
PARAMETERS	0.0	3.6	7.2	10.8	14.4	18.0					
pH		7.71	7.53	7.45	7.33	7.42					
SPEC. COND. (umhos)		2.81	2.77	2.79	2.80	2.76					
APPEARANCE		Cloudy	Cloudy	Cloudy	Cloudy	Cloudy					
TEMPERATURE (°C)		14.51	13.07	12.67	12.47	13.86					
TURBIDITY		561	999+	999+	999+	999+					

COMMENTS:

PID Reading = 0.0 ppm

WELL DEVELOPMENT LOG

URS Corporation

PROJECT TITLE: Former Dowell Facility, 3311 Walden Avenue, Depew, NY WELL NO.: IW-05D

PROJECT NO.: 11175848.00000

STAFF: Scott McCone

DATE(S): 06/15/09

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	31.45	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	13.77	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	17.68	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	3.01	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	15.03	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL.)	=	15.00	8"	2.60

OR

$V = 0.0408 \times (\text{CASING DIAMETER})^2$

	ACCUMULATED VOLUME PURGED (GALLONS)										
PARAMETERS	0.0	3.0	6.0	9.0	12.0	15.0					
pH		7.35	7.25	7.24	7.22	7.23					
SPEC. COND. (umhos)		2.93	3.13	2.95	2.97	2.95					
APPEARANCE		Cloudy	Cloudy	Cloudy	Cloudy	Cloudy					
TEMPERATURE (°C)		13.81	13.29	13.39	13.17	12.99					
TURBIDITY		780	999+	999+	999+	999+					

COMMENTS:

PID Reading = 0.0 ppm

WELL DEVELOPMENT LOG

URS Corporation

PROJECT TITLE: Former Dowell Facility, 3311 Walden Avenue, Depew, NY WELL NO.: IW-06D

PROJECT NO.: 11175848.00000

STAFF: Scott McCone

DATE(S): 06/15/09

			WELL ID.	VOL. (GAL/FT)
1. TOTAL CASING AND SCREEN LENGTH (FT.)	=	33.05	1"	0.04
2. WATER LEVEL BELOW TOP OF CASING (FT.)	=	8.91	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	24.14	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GAL.)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	4.10	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x ___)	=	20.52	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL.)	=	20.00	8"	2.60

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

	ACCUMULATED VOLUME PURGED (GALLONS)										
PARAMETERS	0.0	4.0	8.0	12.0	16.0	20.0					
pH		7.54	7.45	7.42	7.41	7.42					
SPEC. COND. (umhos)		3.68	3.86	3.71	3.73	3.72					
APPEARANCE		Clear	Clear	Cloudy	Cloudy	Cloudy					
TEMPERATURE (°C)		13.91	13.53	13.48	12.98	12.95					
TURBIDITY		71	197	472	862	880					

COMMENTS:

PID Reading = 0.0 ppm

APPENDIX C-6

NON-HAZARDOUS WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N Y D 0 8 0 3 4 0 5 5 7	1	(800)-424-9300	

GENERATOR

5. Generator's Name and Mailing Address
DOWEL SCHLUMBERGER C/O URS
77 GOODELL STREET (716) 856-5636
BUFFALO NY 14203
Generator's Phone:

Generator's Site Address (if different than mailing address)
3311-3343 WALDEN AVE
DEPEW NY 14043

6. Transporter 1 Company Name
Nature's Way Environmental Consultants & Contractors, Inc.
U.S. EPA ID Number: N Y D 0 1 3 4 9 3 4 2 4

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

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C
1550 BALMER RD.
MODEL CITY NY 14107 (716) 286-1550
Facility's Phone:
U.S. EPA ID Number: N Y D 0 4 9 8 3 6 6 7 9

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON DOT REGULATED MATERIAL NY300316	1	TT	463 G	
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1. NY300316 - NON HAZ 1,1-DICHLOROETHANE H2O
1. Service Request #920876

Need 4806

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Scott W. McCune — Signature — Month 12 Day 8 Year 09

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: William Snell NUECTEC — Signature — Month 12 Day 8 Year 09

Transporter 2 Printed/Typed Name: Rich Brown NUECTEC INC — Signature — Month 12 Day 10 Year 09

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

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

H135

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

Printed/Typed Name: Roberta Kloda — Signature — Month 12 Day 10 Year 09

APPENDIX D

GROUNDWATER MONITORING

APPENDIX D-1

WELL PURGING AND SAMPLING LOGS

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11175848.00000 **Site:** Former Dowell Site **Well I.D.:** MW-01

Date: 12/08/09 **Sampling Personnel:** Scott W McCone **Company:** URS Corporation

Purging/Sampling Device: Low Flow Peristaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 11 72 feet Depth to Well Bottom: 28.70 feet Well Diameter: Two Inch Screen Length: 15 feet

Casing Type: PVC Volume in 1 Well Casing: 10 48 liters Estimated Purge Volume: 2 40 liters

Sample ID: MW-01-12/09 Sample Time: 1045 QA/QC: N/A

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	ORP (millivolts)	FLOW RATE (ml/min.)	TO WATER (btor)
1025	7.62	8.07	0.753	28.17	30	-27	160	11 71
1030	7.30	9.66	0.774	4.66	32	-76	160	11 85
1035	7.28	10.13	0.788	1 68	32	-82	160	12 01
1040	7 29	10.19	0 793	0 00	37	-81	160	12.17
Tolerance:	0.1	—	3%	10%	10%	+ or - 2.0	—	

Information: WATER VOLUMES–0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft ($vol_{cyl} = \pi r^2 h$)

Comments:
1. J-plug was in place and intact.
2. Iron bacteria present in water.
3. Monitoring well associated with PZ-02S

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11175848.00000 **Site:** Former Dowell Site **Well I.D.:** MW-02

Date: 12/08/09 **Sampling Personnel:** Scott W. McCone **Company:** URS Corporation

Purging/Sampling Device: Low Flow Penstaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 5.69 feet Depth to Well Bottom: 26.40 feet Well Diameter: Two Inch Screen Length: 15 feet

Casing Type: PVC Volume in 1 Well Casing: 12.78 liters Estimated Purge Volume: 2.40 liters

Sample ID: MW-02-12/09 Sample Time: 1125 QA/QC: N/A

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	ORP (millivolts)	FLOW RATE (ml/min.)	TO WATER (btor)
1105	7.65	9.19	0.736	28.31	35	-100	160	5.68
1110	7.66	9.88	0.737	3.44	41	-97	160	5.81
1115	7.68	10.21	0.740	1.53	38	-84	160	5.98
1120	7.69	10.30	0.741	0.00	36	-77	160	6.11
Tolerance:	0.1	—	3%	10%	10%	+ or - 2.0	—	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft, 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft ($vol_{cyl} = \pi r^2 h$)

Comments:
1. J-plug was in place and intact.
2. Standing water inside road box; removed water prior to removing J-plug
3. Monitoring well associated with PZ-09S.

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11175848.00000 **Site:** Former Dowell Site **Well I.D.:** MW-04

Date: 12/08/09 **Sampling Personnel:** Scott W. McCone **Company:** URS Corporation

Purging/Sampling Device: Low Flow Penstaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 5.84 feet Depth to Well Bottom: 27.53 feet Well Diameter: Two Inch Screen Length: 15 feet

Casing Type: PVC Volume in 1 Well Casing: 13.38 liters Estimated Purge Volume: 2.40 liters

Sample ID: MW-04-12/09 Sample Time: 1205 QA/QC: N/A

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	ORP (millivolts)	FLOW RATE (ml/min.)	TO WATER (btor)
1145	7.63	9.49	4.46	23.72	32	22	160	5.83
1150	7.46	10.90	4.57	7.72	32	25	160	5.97
1155	7.44	11.39	4.81	2.93	40	31	160	6.14
1200	7.44	11.49	4.83	0.00	32	38	160	6.29
Tolerance:	**0.1**	**—**	**3%**	**10%**	**10%**	**+ or - 2.0**	**—**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft, 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft ($vol_{cyl} = \pi r^2 h$)

Comments:
1. J-plug was in place and intact.
2. Standing water inside road box; removed water prior to removing J-plug.
3. Monitoring well associated with PZ-08S

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11175848.00000 Site: Former Dowell Site Well I.D.: MW-06S

Date: 12/08/09 Sampling Personnel: Scott W. McCone Company: URS Corporation

Purging/Sampling Device: Low Flow Perstaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 1.22 feet Depth to Well Bottom: 19.71 feet Well Diameter: Two Inch Screen Length: 10 feet

Casing Type: PVC Volume in 1 Well Casing: 11.41 liters Estimated Purge Volume: 2.40 liters

Sample ID: MW-06S-12/09 Sample Time: 1240 QA/QC: N/A

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	ORP (millivolts)	FLOW RATE (ml/min.)	TO WATER (btor)
1220	6.86	12.04	3.71	44.84	32	142	160	1.21
1225	6.53	12.43	3.60	40.57	31	161	160	1.32
1230	6.51	12.33	3.56	43.75	31	169	160	1.45
1235	6.50	12.37	3.55	45.67	31	174	160	1.59
Tolerance:	0.1	—	3%	10%	10%	+ or - 2.0	—	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft, 1 inch diameter well = 154 ml/ft, 2 inch diameter well = 617 ml/ft, 4 inch diameter well = 2470 ml/ft ($vol_{cyl} = \pi r^2 h$)

Comments: 1. J-plug was in place and intact.
2. Monitoring well associated with MW-06D.

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11175848.00000 **Site:** Former Dowell Site **Well I.D.:** MW-06D

Date: 12/08/09 **Sampling Personnel:** Scott W. McCone **Company:** URS Corporation

Purging/Sampling Device: Low Flow Peristaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 1.87 feet Depth to Well Bottom: 29.71 feet Well Diameter: Two Inch Screen Length: 15 feet

Casing Type: PVC Volume in 1 Well Casing: 17.18 liters Estimated Purge Volume: 2.40 liters

Sample ID: MW-06D-12/09 Sample Time: 1310 QA/QC: N/A

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	ORP (millivolts)	FLOW RATE (ml/min.)	TO WATER (btor)
1250	7.12	11.82	4.79	47.07	34	146	160	1.86
1255	6.82	12.40	5.31	18.17	32	157	160	1.99
1300	6.86	12.60	5.25	14.33	31	159	160	2.23
1305	6.85	12.68	5.24	13.83	32	161	160	2.38
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 2.0**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft ($vol_{cyl} = \pi r^2 h$)

Comments: 1. J-plug was in place and intact.
2. Monitoring well associated with MW-06S

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11175848.00000 **Site:** Former Dowell Site **Well I.D.:** MW-07S

Date: 12/08/09 **Sampling Personnel:** Scott W. McCone **Company:** URS Corporation

Purging/Sampling Device: Low Flow Penstaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 2.84 feet Depth to Well Bottom: 18.83 feet Well Diameter: Two Inch Screen Length: 10 feet

Casing Type: PVC Volume in 1 Well Casing: 9.87 liters Estimated Purge Volume: 2.40 liters

Sample ID: MW-07S-12/09 Sample Time: 0935 QA/QC: MS / MSD

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	ORP (millivolts)	FLOW RATE (ml/min.)	TO WATER (btor)
0915	7.29	10.76	0.906	26.14	32	62	160	2.83
0920	7.17	11.91	0.911	7.74	33	75	160	2.96
0925	7.14	11.87	0.913	3.75	32	83	160	3.11
0930	7.13	11.85	0.914	0.00	32	89	160	3.25
Tolerance:	0.1	—	3%	10%	10%	+ or - 2.0	—	

Information: WATER VOLUMES–0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft ($vol_{cyl} = \pi r^2 h$)

Comments:
1. J-plug was in place and intact.
2. Samples MW-07SMS-12/09 and MW-07SSD-12/09 collected at the same time MW-07S-12/09 was collected.
3. Standing water inside road box; removed water prior to removing J-plug.
4. Monitoring well associated with MW-07D.

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11175848.00000 **Site:** Former Dowell Site **Well I.D.:** MW-07D

Date: 12/08/09 **Sampling Personnel:** Scott W. McCone **Company:** URS Corporation

Purging/ Sampling Device: Low Flow Peristaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 3.72 feet Depth to Well Bottom: 30.05 feet Well Diameter: Two Inch Screen Length: 10 feet

Casing Type: PVC Volume in 1 Well Casing: 16.25 liters Estimated Purge Volume: 2.40 liters

Sample ID: MW-07D-12/098 Sample Time: 1010 QA/QC: N/A

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	ORP (millivolts)	FLOW RATE (ml/min.)	TO WATER (btor)
0950	7.42	10.14	0.717	12.20	36	116	160	3.71
0955	7.31	11.12	0.717	4.46	35	117	160	3.84
1000	7.33	11.32	0.715	2.63	36	114	160	3.97
1005	7.34	11.26	0.718	0.00	38	112	160	4.09
Tolerance:	**0.1**	**—**	**3%**	**10%**	**10%**	**+ or - 2.0**	**—**	

Information: WATER VOLUMES—0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft ($vol_{cy} = \pi r^2 h$)

Comments: 1. J-plug was in place and intact.
2. Monitoring well associated with MW-07S.

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11175848 00000 **Site:** Former Dowell Site **Well I.D.:** RW-01

Date: 12/08/09 **Sampling Personnel:** Scott W. McCone **Company:** URS Corporation

Purging/Sampling Device: Low Flow Penstaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 2.59 feet Depth to Well Bottom: 18.40 feet Well Diameter: Four Inch Screen Length: 10 feet

Casing Type: PVC Volume in 1 Well Casing: 39.05 liters Estimated Purge Volume: 2.40 liters

Sample ID: RW-01-12/09 Sample Time: 1345 QA/QC: N/A

Sample Parameters: TCL VOCs

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	ORP (millivolts)	FLOW RATE (ml/min.)	TO WATER (btor)
1325	7.74	11.94	0.783	28.23	78	41	160	2.59
1330	7.37	12.42	0.680	17.08	62	7	160	2.59
1335	7.31	12.59	0.648	15.97	71	-1	160	2.59
1340	7.30	12.59	0.651	15.53	66	-7	160	2.60
Tolerance:	0.1	—	3%	10%	10%	+ or - 2.0	—	

Information: WATER VOLUMES–0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft, 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft ($vol_{cyl} = \pi r^2 h$)

Comments: 1. J-plug was in place and intact.
2. Iron bacteria present in well.

APPENDIX D-2

FIELD NOTES

PROJECT Former Dowell Facility Quarterly Sampling

Notebook No. 11175848.00000

Continued From Page

TUESDAY DECEMBER 8, 2009

0900 Scott McCoy (URS) arrived at the former Dowell facility to collect the final round of groundwater samples from monitoring wells MW-01, MW-02, MW-04, MW-06S, MW-06D, MW-07S, and MW-07D and from recovery well RW-01. URS set up at monitoring well MW-07S.

0905 URS opened the road box for monitoring well MW-07S. The road box was full of water and URS commenced removing the water.

0910 URS completed removing the water from the road box. The J-plug was intact and in place. Depth to water 2.84 feet TOIC and depth to bottom 18.83 feet TOIC.

0915 URS commenced low flow purging of monitoring well MW-07S.

0930 URS completed low flow purging of monitoring well MW-07S.

0935 URS collected samples MW-07S-12/09, MW-07SMS-12/09, and MW-07SSD-12/09 and placed the samples in an ice filled cooler.

0940 URS secured monitoring well MW-07S and moved to monitoring well MW-07D.

0945 URS opened the road box for monitoring well MW-07D. The J-plug was intact and in place. Depth to water 3.72 feet TOIC and depth to bottom 30.05 feet TOIC.

0950 URS commenced low flow purging of monitoring well MW-07D.

1005 URS completed low flow purging of monitoring well MW-07D.

1010 URS collected sample MW-07D-12/09 and placed the sample in an ice filled cooler.

1015 URS secured monitoring well MW-07D and moved to monitoring well MW-01.

1020 URS opened the road box for monitoring well MW-01. The J-plug was intact and in place. Depth to water 11.72 feet TOIC and depth to bottom 28.70 feet TOIC.

1025 URS commenced low flow purging of monitoring well MW-01.

1040 URS completed low flow purging of monitoring well MW-01.

1045 URS collected sample MW-01-12/09 and placed the sample in an ice filled cooler.

1050 URS secured monitoring well MW-01 and moved to monitoring well MW-02.

1055 URS opened the road box for monitoring well MW-02. The road box was full of water and URS commenced removing the water.

1100 URS completed removing the water from the road box. The J-plug was intact and in place. Depth to water 5.69 feet TOIC and depth to bottom 26.40 feet TOIC.

1105 URS commenced low flow purging of monitoring well MW-02.

1120 URS completed low flow purging of monitoring well MW-02.

1125 URS collected sample MW-02-12/09 and placed the sample in an ice filled cooler.

1130 URS secured monitoring well MW-02 and moved to monitoring well MW-04.

1135 URS opened the road box for monitoring well MW-04. The road box was full of water and URS commenced removing the water.

Scott McCoy

Continued on Page

Read and Understood By

Scott McCoy — 12/8/09

Signed — Date — Signed — Date

TUESDAY DECEMBER 8, 2009

1140 URS COMPLETED REMOVING THE WATER. THE J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 5.84 FEET TOIC AND DEPTH TO BOTTOM 27.53 FEET TOIC.

1145 URS COMMENCED LOW FLOW PURGING OF MONITORING WELL MW-04.

1200 URS COMPLETED LOW FLOW PURGING OF MONITORING WELL MW-04.

1205 URS COLLECTED SAMPLE MW-04-12/09 AND PLACED THE SAMPLE IN AN ICE FILLED COOLER.

1210 URS SECURED MONITORING WELL MW-04 AND MOVED TO MONITORING WELL MW-06S.

1215 URS OPENED THE ROAD BOX FOR MONITORING WELL MW-06S. THE J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 1.22 FEET TOIC AND DEPTH TO BOTTOM 19.71 FEET TOIC.

1220 URS COMMENCED LOW FLOW PURGING OF MONITORING WELL MW-06S.

1235 URS COMPLETED LOW FLOW PURGING OF MONITORING WELL MW-06S.

1240 URS COLLECTED SAMPLE MW-06S-12/09 AND PLACED THE SAMPLE IN AN ICE FILLED COOLER.

1245 URS SECURED MONITORING WELL MW-06S AND OPENED MONITORING WELL MW-06D. J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 1.87 FEET TOIC AND DEPTH TO BOTTOM 29.71 FEET TOIC.

1250 URS COMMENCED LOW FLOW PURGING OF MONITORING WELL MW-06D.

1305 URS COMPLETED LOW FLOW PURGING OF MONITORING WELL MW-06D, AND PREPARED TO COLLECT A SAMPLE.

1310 URS COLLECTED SAMPLE MW-06D-12/09 AND PLACED THE SAMPLE IN AN ICE FILLED COOLER.

1315 URS SECURED MONITORING WELL MW-06D AND MOVED TO RECOVERY WELL RW-01.

1320 URS OPENED RECOVERY WELL RW-01. J-PLUG WAS INTACT AND IN PLACE. DEPTH TO WATER 2.59 FEET TOIC AND DEPTH TO BOTTOM 18.40 FEET TOIC.

1325 URS COMMENCED LOW FLOW PURGING OF ~~MONITORING~~ RECOVERY WELL RW-01.

1340 URS COMPLETED LOW FLOW PURGING OF RECOVERY WELL RW-01.

1345 URS COLLECTED SAMPLE RW-01-12/09 AND PLACED THE SAMPLE IN AN ICE FILLED COOLER.

1350 URS SECURED RECOVERY WELL RW-01 AND COMMENCED PREPARING SAMPLES FOR SHIPMENT.

1405 URS COMPLETED PREPARING SAMPLES FOR SHIPMENT AND COMMENCED RECORDING GROUNDWATER ELEVATIONS.

1425 URS COMPLETED RECORDING GROUNDWATER ELEVATIONS.

1430 NATURE'S WAY PERSONNEL ARRIVED ON SITE TO PUMP OUT THE POLY TANK AND DEMOBILIZE THE TRAILER.

1435 URS DEPARTED THE SITE.

1450 URS DELIVERED THE SAMPLES TO FEDEX FOR SHIPMENT TO ADIRONDACK'S ENVIRONMENTAL SERVICES UNDER CHAIN-OF-CUSTODY UNDER FEDEX AIRBILL 8690 5510 7086.

1505 URS RETURNED TO THE SITE. NATURE'S WAY WAS IN THE PROCESS OF VACUUMING OUT THE PURGE WATER FROM THE POLY TANK.

1520 NATURE'S WAY COMPLETED VACUUMING OUT THE POLY TANK AND URS SIGNED THE NON-HAZARDOUS WASTE MANIFEST.

1530 NATURE'S WAY AND URS DEPARTED THE SITE.

Continued on Page

Read and Understood By

Signed — Date — Signed — Date

12/8/09

APPENDIX D-3

ANALYTICAL DATA

Adirondack Environmental Services Inc.

Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

December 21, 2009

Robert Henschel
URS Consultants Inc.
77 Goodell Street
Buffalo, NY 14203

TEL: (716) 856-5636
FAX: (716) 856-2545

Work Order No: 091209019
PO#: vendor# 1062963
Project# : 11175848.00000

RE: Former Dowell Site

Dear Robert Henschel:

Adirondack Environmental Services, Inc received 9 samples on 12/9/2009 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Christopher Hess
QA Manager

ELAP#: 10709
AIHA#: 100307

CC:
MS/MSD Report

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quanititation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	T - Tentitively Identified Compound-Estimated Conc.
	X - Value exceeds Maximum Contaminant Level	E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-01-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-001
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	12/18/2009 11:31:00 AM
Bromomethane	< 10	10		µg/L	1	12/18/2009 11:31:00 AM
Vinyl chloride	< 10	10		µg/L	1	12/18/2009 11:31:00 AM
Chloroethane	< 10	10		µg/L	1	12/18/2009 11:31:00 AM
Methylene chloride	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Acetone	< 10	10		µg/L	1	12/18/2009 11:31:00 AM
Carbon disulfide	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Chloroform	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
2-Butanone	< 10	10		µg/L	1	12/18/2009 11:31:00 AM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Bromodichloromethane	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Trichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Dibromochloromethane	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Benzene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Bromoform	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
4-Methyl-2-pentanone	< 10	10		µg/L	1	12/18/2009 11:31:00 AM
2-Hexanone	< 10	10		µg/L	1	12/18/2009 11:31:00 AM
Tetrachloroethene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Toluene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Chlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Ethylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Styrene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
m,p-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
o-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Dichlorodifluoromethane	< 10	10		µg/L	1	12/18/2009 11:31:00 AM
Methyl Acetate	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-01-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-001
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Cyclohexane	< 10	10		µg/L	1	12/18/2009 11:31:00 AM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
Isopropylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	12/18/2009 11:31:00 AM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:31:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-02-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-002
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	12/18/2009 11:55:00 AM
Bromomethane	< 10	10		µg/L	1	12/18/2009 11:55:00 AM
Vinyl chloride	< 10	10		µg/L	1	12/18/2009 11:55:00 AM
Chloroethane	< 10	10		µg/L	1	12/18/2009 11:55:00 AM
Methylene chloride	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Acetone	< 10	10		µg/L	1	12/18/2009 11:55:00 AM
Carbon disulfide	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Chloroform	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
2-Butanone	< 10	10		µg/L	1	12/18/2009 11:55:00 AM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Bromodichloromethane	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Trichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Dibromochloromethane	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Benzene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Bromoform	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
4-Methyl-2-pentanone	< 10	10		µg/L	1	12/18/2009 11:55:00 AM
2-Hexanone	< 10	10		µg/L	1	12/18/2009 11:55:00 AM
Tetrachloroethene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Toluene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Chlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Ethylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Styrene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
m,p-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
o-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Dichlorodifluoromethane	< 10	10		µg/L	1	12/18/2009 11:55:00 AM
Methyl Acetate	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-02-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-002
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Cyclohexane	< 10	10		µg/L	1	12/18/2009 11:55:00 AM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
Isopropylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	12/18/2009 11:55:00 AM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 11:55:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-04-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-003
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	12/18/2009 12:19:00 PM
Bromomethane	< 10	10		µg/L	1	12/18/2009 12:19:00 PM
Vinyl chloride	< 10	10		µg/L	1	12/18/2009 12:19:00 PM
Chloroethane	< 10	10		µg/L	1	12/18/2009 12:19:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Acetone	< 10	10		µg/L	1	12/18/2009 12:19:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Chloroform	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
2-Butanone	< 10	10		µg/L	1	12/18/2009 12:19:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Benzene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Bromoform	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	12/18/2009 12:19:00 PM
2-Hexanone	< 10	10		µg/L	1	12/18/2009 12:19:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Toluene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Styrene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	12/18/2009 12:19:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-04-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-003
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Cyclohexane	< 10	10		µg/L	1	12/18/2009 12:19:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	12/18/2009 12:19:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:19:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-06S-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-004
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 1000	1000		µg/L	100	12/18/2009 3:08:00 PM
Bromomethane	< 1000	1000		µg/L	100	12/18/2009 3:08:00 PM
Vinyl chloride	< 1000	1000		µg/L	100	12/18/2009 3:08:00 PM
Chloroethane	< 1000	1000		µg/L	100	12/18/2009 3:08:00 PM
Methylene chloride	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Acetone	< 1000	1000		µg/L	100	12/18/2009 3:08:00 PM
Carbon disulfide	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
1,1-Dichloroethene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
1,1-Dichloroethane	16000	500		µg/L	100	12/18/2009 3:08:00 PM
trans-1,2-Dichloroethene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
cis-1,2-Dichloroethene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Chloroform	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
1,2-Dichloroethane	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
2-Butanone	< 1000	1000		µg/L	100	12/18/2009 3:08:00 PM
1,1,1-Trichloroethane	670	500		µg/L	100	12/18/2009 3:08:00 PM
Carbon tetrachloride	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Bromodichloromethane	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
1,2-Dichloropropane	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
cis-1,3-Dichloropropene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Trichloroethene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Dibromochloromethane	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
1,1,2-Trichloroethane	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Benzene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
trans-1,3-Dichloropropene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Bromoform	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
4-Methyl-2-pentanone	< 1000	1000		µg/L	100	12/18/2009 3:08:00 PM
2-Hexanone	< 1000	1000		µg/L	100	12/18/2009 3:08:00 PM
Tetrachloroethene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
1,1,2,2-Tetrachloroethane	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Toluene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Chlorobenzene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Ethylbenzene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Styrene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
m,p-Xylene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
o-Xylene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Methyl tert-butyl ether	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Dichlorodifluoromethane	< 1000	1000		µg/L	100	12/18/2009 3:08:00 PM
Methyl Acetate	< 500	500		µg/L	100	12/18/2009 3:08:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-06S-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-004
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Cyclohexane	< 1000	1000		µg/L	100	12/18/2009 3:08:00 PM
Trichlorofluoromethane	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Methyl Cyclohexane	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
1,2-Dibromoethane	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
1,3-Dichlorobenzene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
Isopropylbenzene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
1,2-Dichlorobenzene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
1,4-Dichlorobenzene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM
1,2-Dibromo-3-chloropropane	< 1000	1000		µg/L	100	12/18/2009 3:08:00 PM
1,2,4-Trichlorobenzene	< 500	500		µg/L	100	12/18/2009 3:08:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-06D-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-005
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 1000	1000		µg/L	100	12/18/2009 2:44:00 PM
Bromomethane	< 1000	1000		µg/L	100	12/18/2009 2:44:00 PM
Vinyl chloride	< 1000	1000		µg/L	100	12/18/2009 2:44:00 PM
Chloroethane	< 1000	1000		µg/L	100	12/18/2009 2:44:00 PM
Methylene chloride	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Acetone	< 1000	1000		µg/L	100	12/18/2009 2:44:00 PM
Carbon disulfide	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
1,1-Dichloroethene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
1,1-Dichloroethane	5200	500		µg/L	100	12/18/2009 2:44:00 PM
trans-1,2-Dichloroethene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
cis-1,2-Dichloroethene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Chloroform	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
1,2-Dichloroethane	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
2-Butanone	< 1000	1000		µg/L	100	12/18/2009 2:44:00 PM
1,1,1-Trichloroethane	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Carbon tetrachloride	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Bromodichloromethane	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
1,2-Dichloropropane	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
cis-1,3-Dichloropropene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Trichloroethene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Dibromochloromethane	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
1,1,2-Trichloroethane	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Benzene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
trans-1,3-Dichloropropene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Bromoform	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
4-Methyl-2-pentanone	< 1000	1000		µg/L	100	12/18/2009 2:44:00 PM
2-Hexanone	< 1000	1000		µg/L	100	12/18/2009 2:44:00 PM
Tetrachloroethene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
1,1,2,2-Tetrachloroethane	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Toluene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Chlorobenzene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Ethylbenzene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Styrene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
m,p-Xylene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
o-Xylene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Methyl tert-butyl ether	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Dichlorodifluoromethane	< 1000	1000		µg/L	100	12/18/2009 2:44:00 PM
Methyl Acetate	< 500	500		µg/L	100	12/18/2009 2:44:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-06D-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-005
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: ML
1,1,2-Trichloro-1,2,2-trifluoroethane	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Cyclohexane	< 1000	1000		µg/L	100	12/18/2009 2:44:00 PM
Trichlorofluoromethane	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Methyl Cyclohexane	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
1,2-Dibromoethane	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
1,3-Dichlorobenzene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
Isopropylbenzene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
1,2-Dichlorobenzene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
1,4-Dichlorobenzene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM
1,2-Dibromo-3-chloropropane	< 1000	1000		µg/L	100	12/18/2009 2:44:00 PM
1,2,4-Trichlorobenzene	< 500	500		µg/L	100	12/18/2009 2:44:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-07S-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-006
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	12/18/2009 12:45:00 PM
Bromomethane	< 10	10		µg/L	1	12/18/2009 12:45:00 PM
Vinyl chloride	< 10	10		µg/L	1	12/18/2009 12:45:00 PM
Chloroethane	< 10	10		µg/L	1	12/18/2009 12:45:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Acetone	< 10	10		µg/L	1	12/18/2009 12:45:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Chloroform	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
2-Butanone	< 10	10		µg/L	1	12/18/2009 12:45:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Benzene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Bromoform	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	12/18/2009 12:45:00 PM
2-Hexanone	< 10	10		µg/L	1	12/18/2009 12:45:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Toluene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Styrene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	12/18/2009 12:45:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-07S-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-006
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Cyclohexane	< 10	10		µg/L	1	12/18/2009 12:45:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	12/18/2009 12:45:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 12:45:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-7D-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-007
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	12/18/2009 1:09:00 PM
Bromomethane	< 10	10		µg/L	1	12/18/2009 1:09:00 PM
Vinyl chloride	< 10	10		µg/L	1	12/18/2009 1:09:00 PM
Chloroethane	< 10	10		µg/L	1	12/18/2009 1:09:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Acetone	< 10	10		µg/L	1	12/18/2009 1:09:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Chloroform	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
2-Butanone	< 10	10		µg/L	1	12/18/2009 1:09:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Benzene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Bromoform	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	12/18/2009 1:09:00 PM
2-Hexanone	< 10	10		µg/L	1	12/18/2009 1:09:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Toluene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Styrene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	12/18/2009 1:09:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: MW-7D-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-007
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Cyclohexane	< 10	10		µg/L	1	12/18/2009 1:09:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	12/18/2009 1:09:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:09:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: RW-01-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-008
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	12/18/2009 1:33:00 PM
Bromomethane	< 10	10		µg/L	1	12/18/2009 1:33:00 PM
Vinyl chloride	< 10	10		µg/L	1	12/18/2009 1:33:00 PM
Chloroethane	< 10	10		µg/L	1	12/18/2009 1:33:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Acetone	< 10	10		µg/L	1	12/18/2009 1:33:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
1,1-Dichloroethane	26	5.0		µg/L	1	12/18/2009 1:33:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Chloroform	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
2-Butanone	< 10	10		µg/L	1	12/18/2009 1:33:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Benzene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Bromoform	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	12/18/2009 1:33:00 PM
2-Hexanone	< 10	10		µg/L	1	12/18/2009 1:33:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Toluene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Styrene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	12/18/2009 1:33:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: RW-01-12/09
Collection Date: 12/8/2009
Lab Sample ID: 091209019-008
Matrix: GROUNDWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Cyclohexane	< 10	10		µg/L	1	12/18/2009 1:33:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	12/18/2009 1:33:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:33:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: Trip Blank
Collection Date: 12/8/2009
Lab Sample ID: 091209019-009
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
Chloromethane	< 10	10		µg/L	1	12/18/2009 1:58:00 PM
Bromomethane	< 10	10		µg/L	1	12/18/2009 1:58:00 PM
Vinyl chloride	< 10	10		µg/L	1	12/18/2009 1:58:00 PM
Chloroethane	< 10	10		µg/L	1	12/18/2009 1:58:00 PM
Methylene chloride	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Acetone	< 10	10		µg/L	1	12/18/2009 1:58:00 PM
Carbon disulfide	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
1,1-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
1,1-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Chloroform	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
2-Butanone	< 10	10		µg/L	1	12/18/2009 1:58:00 PM
1,1,1-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Carbon tetrachloride	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Bromodichloromethane	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
1,2-Dichloropropane	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Trichloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Dibromochloromethane	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
1,1,2-Trichloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Benzene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Bromoform	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
4-Methyl-2-pentanone	< 10	10		µg/L	1	12/18/2009 1:58:00 PM
2-Hexanone	< 10	10		µg/L	1	12/18/2009 1:58:00 PM
Tetrachloroethene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Toluene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Chlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Ethylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Styrene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
m,p-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
o-Xylene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Methyl tert-butyl ether	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Dichlorodifluoromethane	< 10	10		µg/L	1	12/18/2009 1:58:00 PM
Methyl Acetate	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

Adirondack Environmental Services, Inc

Date: *21-Dec-09*

CLIENT: URS Consultants Inc.
Work Order: 091209019
Reference: Former Dowell Site /
PO#: vendor# 1062963
Project# : 11175848.00000

Client Sample ID: Trip Blank
Collection Date: 12/8/2009
Lab Sample ID: 091209019-009
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS SW8260B						Analyst: **ML**
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Cyclohexane	< 10	10		µg/L	1	12/18/2009 1:58:00 PM
Trichlorofluoromethane	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Methyl Cyclohexane	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
1,2-Dibromoethane	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
1,3-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
Isopropylbenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
1,2-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
1,4-Dichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		µg/L	1	12/18/2009 1:58:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0		µg/L	1	12/18/2009 1:58:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
T - Tentitively Identified Compound-Estimated Conc.
E - Value above quantitation range

CLIENT: URS Consultants Inc.
Work Order: 091209019
Project: Former Dowell Site

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA_8260_WATER

MS

SeqNo: **859436** TestNo: **SW8260B** RunNo: 68940
Samp ID: **091209019-006A** (MW-07S-12/09) Units: **µg/L** Analysis Date: **12/18/2009**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	50.95	5.0	50	0	102	78.5	150	0	0		
Benzene	52.95	5.0	50	0	106	70.8	136	0	0		
Chlorobenzene	66.34	5.0	50	0	133	73.5	139	0	0		
Toluene	56.14	5.0	50	0	112	69.3	132	0	0		
Trichloroethene	56.5	5.0	50	0	113	80	144	0	0		
Surr: 1,2-Dichloroethane-d4	43.43	5.0	50	0	86.9	80.7	117	0	0		
Surr: 4-Bromofluorobenzene	41.22	5.0	50	0	82.4	80.2	127	0	0		
Surr: Toluene-d8	39.7	5.0	50	0	79.4	79.9	122	0	0		S

MSD

SeqNo: **859437** TestNo: **SW8260B** RunNo: 68940
Samp ID: **091209019-006A** (MW-07S-12/09) Units: **µg/L** Analysis Date: **12/18/2009**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	57.87	5.0	50	0	116	78.5	150	50.95	12.7	19.3	
Benzene	50.07	5.0	50	0	100	70.8	136	52.95	5.59	15.5	
Chlorobenzene	62.72	5.0	50	0	125	73.5	139	66.34	5.61	17.2	
Toluene	53.68	5.0	50	0	107	69.3	132	56.14	4.48	20.1	
Trichloroethene	53.57	5.0	50	0	107	80	144	56.5	5.32	11.3	
Surr: 1,2-Dichloroethane-d4	58.5	5.0	50	0	117	80.7	117	0	0	0	
Surr: 4-Bromofluorobenzene	45.58	5.0	50	0	91.2	80.2	127	0	0	0	
Surr: Toluene-d8	43.98	5.0	50	0	88	79.9	122	0	0	0	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11175848.00000

SITE NAME FORMER DOWELL FACILITY

SAMPLERS (PRINT/SIGNATURE) SCOTT W. MCCONE

LAB ADIRONDACK ENV. SVS

COOLER 1 of 1

PAGE 1 of 1

DELIVERY SERVICE: FEDEX AIRBILL NO.: 869055107086

	LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	TESTS: TCL VOC (8260)	BOTTLE TYPE AND PRESERVATIVE: 40 ML VOA HCl								REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD QC # (ERPIMS)
001	MW-1	12/08/09	1045	GRAB	MW-01-12/09	WG	2	2										N1	-	-	-
002	MW-2	12/08/09	1125	GRAB	MW-02-12/09	WG	2	2										N1	-	-	-
003	MW-4	12/08/09	1205	GRAB	MW-04-12/09	WG	2	2										N1	-	-	-
004	MW-6S	12/08/09	1240	GRAB	MW-06S-12/09	WG	2	2										N1	-	-	-
005	MW-6D	12/08/09	1310	GRAB	MW-06D-12/09	WG	2	2										N1	-	-	-
006	MW-7S	12/08/09	0935	GRAB	MW-07S-12/09	WG	2	2										N1	-	-	-
	MW-7S	12/08/09	0935	GRAB	MW-07SMS-12/09	WG	2	2										MS1	-	-	-
	MW-7S	12/08/09	0935	GRAB	MW-07SSD-12/09	WG	2	2										SD1	-	-	-
007	MW-7D	12/08/09	1010	GRAB	MW-07D-12/09	WG	2	2										N1	-	-	-
008	RW-1	12/08/09	1345	GRAB	RW-01-12/09	WG	2	2										N1	-	-	-
009	TRIP	12/08/09	1400	GRAB	TRIP BLANK	WQ	1	1										TB1	-	-	-

MATRIX CODES: AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES: TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
SCOTT W. MCCONE	12/8/09	1400			
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME
			J. Melendez	12/9/09	1204 PM

SPECIAL INSTRUCTIONS

BOB HENSCHEL
URS CORPORATION
77 GOODELL STREET
BUFFALO NY 14203
(716) 856-5636

10C
FedEx

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CofCR/GCM