Interim Remedial Measure Completion Report

IBM B906/Page Industrial Park Site
NYSDEC Site Code 3-14-077
Poughkeepsie, New York

October 2008

RMT

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Poughkeepsie, New York

October 2008

Prepared For
Schlumberger Technology Corporation

Gregory Scott Mitchell, P.E.
Project Engineer

Michael B. Parker
Senior Project Manager

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30 Patewood Drive, Suite 100 • Greenville, SC 29615-3535 • (864) 281-0030 • (864) 281-0288 FAX • www.rmtinc.com

CREATING BALANCE℠

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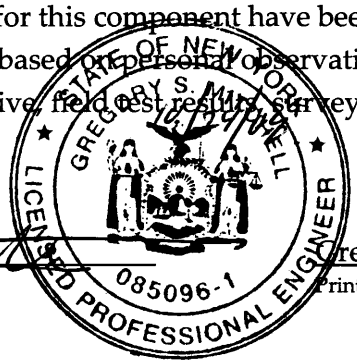
Professional Engineer's Certification

I, Gregory S. Mitchell, hereby certify that I am a registered professional engineer in the State of New York; that to the best of my knowledge, information, and belief, the construction activities associated with the implementation of the Interim Remedial Measure (IRM) were completed in substantial compliance with the New York State Department of Environmental Conservation (NYSDEC)-approved *Final Design and Remedial Action Workplan* dated November 2007, including Addendums.

This certification shall not be construed to be either an implied or expressed guarantee or warranty regarding the performance on the construction documented in this report. This certification applies to the following component of construction:

- Installation of zero valence iron (ZVI) and concrete sand permeable reactive barrier (PRB) consisting of at least 20 percent ZVI by volume.

The details of construction for this component have been further described in Section 2 of this report. This certification is based on personal observations, communication with the RMT resident project representative, field test results, survey data, and photographs.



Signature

Gregory Scott Mitchell, P.E.
Print Name

Section 1
Introduction

1.1 Background

RMT Consulting Engineers, P.C. (RMT) on the behalf of Schlumberger Technology Corporation (Schlumberger) submitted a *Final Design and Remedial Action Workplan* (Workplan) to the New York State Department of Environmental Conservation (NYSDEC) in November 2007. The Workplan was prepared to satisfy the requirements of an Administrative Order of Consent (AOC) entered into by Schlumberger and NYSDEC in August 1995. Figure 1 provides a Site Location map.

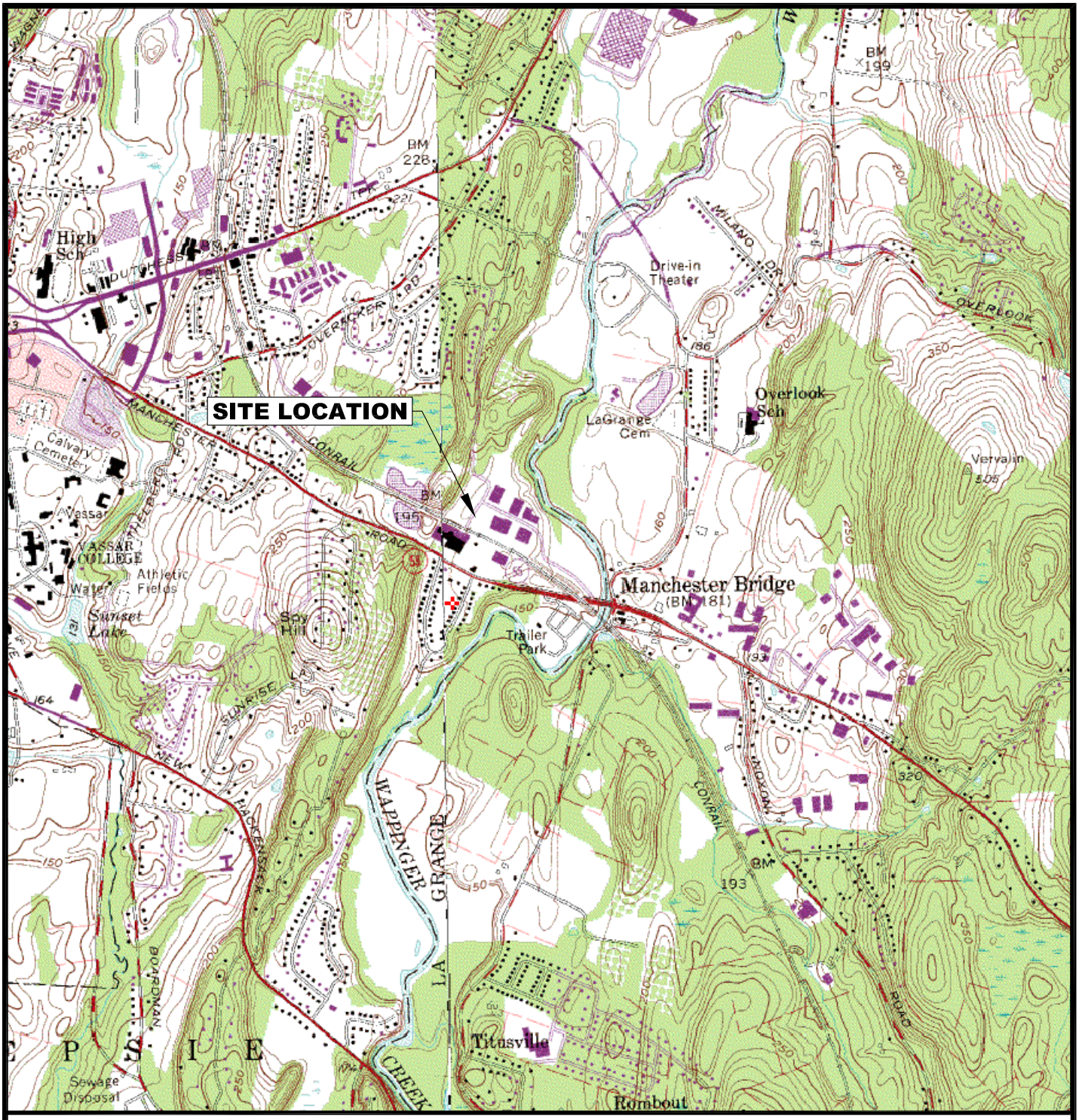
In a letter dated March 19, 2008, NYSDEC conditionally approved the Workplan with minor modifications. In an Addendum to the Workplan, RMT proposed sloping the sides of the trench and installing a polyethylene liner on the slopes to contain and direct groundwater from trenching operations into the trench. The Addendum stated the first round of performance monitoring will include sampling by conventional methods, as well as use of polyethylene diffusion bag (PDB) samplers. Following discussion with contractors, RMT revised the proposed method for containing groundwater. In an electronic mail dated June 20, 2008 from Mr. Andrew Diefendorf of RMT to Mr. John Miller of NYSDEC, RMT proposed excavating a key 1 to 2 feet deep and wider than the trenching machine. The key would be used to contain excess soil and groundwater from trench excavation. NYSDEC subsequently approved this revision to the Addendum in an electronic mail dated June 23, 2008.

This Interim Remedial Measure Completion Report documents construction activities associated with installation of the permeable reactive barrier (PRB).

1.2 Previous Investigations

Details relating to findings from the previous investigations as well as development of design criteria and location of the PRB are outlined in the documents listed in the references section. Previous investigations at the site performed on behalf of Schlumberger, International Business Machines (IBM), and others (see References section) concluded that a shallow buried alluvial channel appears to be the potential conduit of volatile organic compound (VOC)-impacted groundwater flow from the vicinity of building B906 to seeps at Wappinger Creek. Trichloroethene (TCE)- and tetrachloroethene (PCE)-impacted soils in the area surrounding the north side and west sides of B906 were previously removed, but some residual VOCs may reside in the bedrock. Discussions between Schlumberger and NYSDEC have lead to the

conclusion that any VOCs in bedrock would be technically impracticable to address. Local residents were placed on municipal water in 1983. Based on a meeting held between Schlumberger and NYSDEC in July 2004 and follow-up discussions, a path forward involving installation of a PRB was agreed upon as the most effective long-term approach to address VOC-impacted groundwater which could potentially impact Wappinger Creek.



NEW YORK

QUADRANGLE LOCATION

N

0 2000' 4000'

SCALE IN FEET

SOURCE

1. BASE MAP DEVELOPED FROM THE POUGHKEEPSIE AND PLEASANT VALLEY, NEW YORK 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAPS, DATED 1995 AND 1989 RESPECTIVELY.

RMT

B906 SITE
PAGE INDUSTRIAL PARK
POUGHKEEPSIE, NEW YORK

SITE LOCATION MAP

DRAWN BY:	LUCIDOS
APPROVED BY:	DK
PROJECT NUMBER:	70925.05
FILE NUMBER:	FIGURE 1.DWG
DATE:	SEPTEMBER 2008

FIGURE 1

PLOT DATA
Drawing Name: J:\CAD\00-70925\05\FIGURE1.DWG
Operator Name: lucidos
Scale: 1"=2000'
Dwg Size: 97804 Bytes
Plot Date: Tuesday, January 22, 2002
Plot Time: 1:40.5619 PM
Attached Xref's: No xref's Attached.

Section 2
Interim Remedial Measure Implementation

2.1 Parties

The parties discussed in this section are associated with the ownership, design, supply, manufacture, transportation, installation, and quality assurance of the components of the Interim Remedial Measure (IRM). The definitions, qualifications, and responsibilities of these parties are outlined in the following subsections.

2.1.1 Respondent

The respondent is Du'Bois J. Ferguson representing Schlumberger. The respondent is responsible for the implementation of the IRM as described in the Workplan. The respondent was required to obtain all permits and authorizations for the site work.

2.1.2 Remedial Project Manager

The remedial project manager (RPM) is the NYSDEC Project Manager, John Miller. The RPM has the authority to halt or redirect any work required in the Workplan and to take any necessary response action when they determine that conditions at the site present an imminent and substantial endangerment to public health or welfare or the environment. Unless otherwise directed by the RPM, all communications, whether written or oral, from the respondents from NYSDEC or New York State Department of Health (NYSDOH) shall be directed to the RPM.

2.1.3 Remedial Action Contractor Representatives

The remedial action contractor is RMT which is the firm responsible for the preparation of the final design, construction, and preparation of the Final Engineering Report. Specific representatives of the remedial action contractor and their roles are:

Resident Project Representative

The resident project representative (RPR) is responsible for all construction quality assurance activities and the proper resolution of all quality assurance issues that arise during construction. The RPR serves as the on-site contact person with the regulatory agencies during the absence of the project engineer or project technical coordinator. The RPR is responsible for notifying NYSDEC if project specifications for the *Construction Quality Assurance Plan* procedures

found in the Workplan cannot be met and alternatives that require regulatory interaction are proposed.

Duties fulfilled by the RPR during construction of the PRB include the following:

1. Served as a liaison between all parties involved in the project to assure that communications are maintained.
2. Communicated with subcontractors to acquire permission to perform designated tasks.
3. Attended quality assurance meetings, including pre-construction, daily, and problem, work deficiency meetings as necessary and previously approved by the remedial action contractor.
4. Reviewed all design drawings and specifications and the revisions thereof issued by the construction manager.
5. Reviewed shop drawings of materials and equipment to be used during construction for conformance to the plans and specifications.
6. Performed on-site inspections of the work to assess compliance with the Workplan.
7. Monitored, logged, photographed, and/or documented all remedial action construction and installation operations.
8. Examined and tested various materials, procedures, and equipment during implementation of the construction activities.
9. Monitored the following operations and implementation of the IRM:
    - On-site and off-site material delivery.
    - Unloading and on-site transport and storage.
    - Sampling and conformance testing.
    - Construction activities.
    - Condition of the soil components as removed or placed.
    - Confirmatory sampling and field-testing of excavated zones.
    - Repairs or replacement of materials if and when necessary.
10. Prepared daily field reports summarizing the daily construction activities.

Robert Rydell, construction manager for RMT, served as the RPR for the implementation of the IRM. Mr. Rydell was on the site for the duration of construction activities related to the installation of the PRB.

Project Manager

Michael Parker is the project manager for RMT and served as the lead contact person for the remedial action contractor with the regulatory agencies.

Project Engineer

Gregory Mitchell, P.E. is the project engineer for RMT, a New York State registered professional engineer, who serves as the certifying engineer for the IRM. Mr. Mitchell was responsible for approving all design and specification changes and making design clarifications necessitated during implementation of the IRM. Mr. Mitchell was on the site during the start of construction activities and was present to oversee approximately one-half of the length of the PRB installed.

Project Technical Coordinator

Andrew Diefendorf is the project technical coordinator for RMT. The project technical coordinator developed the technical basis for the PRB design and location, and will evaluate the post installation performance of the PRB.

2.1.4 Remedial Action Subcontractor

The remedial action subcontractors were the firms responsible for the means and methods used to perform specialty services such as on-pass trenching, supply and mixing of the PRB medium, and perform monitoring well installation. The remedial action subcontractors were selected by the remedial action contractor, subject to approval of the respondent. The remedial action subcontractors participating in the installation of the PRB and the role of each subcontractor are given below:

- DeWind One-Pass Trenching (Zeeland, Michigan) was the subcontractor responsible for performing construction activities related to the installation of the PRB. DeWind's scope of work included purchasing of the iron, pre-construction site preparation activities, mixing of the iron and sand, installation of the PRB, and site restoration activities.
- Parratt-Wolff Inc. (Syracuse, New York) performed the installation of the monitoring wells as described in the Workplan.

2.2 Construction Activities

2.2.1 Mobilization

DeWind began mobilizing equipment to the site on August 17, 2008. Due to the size of the one-pass trenching machine, two tractor trailers were employed to haul the disassembled trenching machine from Michigan to New York. The RPR, Robert Rydell of RMT, also began mobilizing to the site on August 17, 2008 from his home in Mississippi. A trackhoe, front-end loader, and forklift were delivered from an equipment rental company to the site on August 18, 2008. DeWind's tractor trailers transporting the trenching machine and Robert Rydell of RMT arrived later in the day on the 18th.

2.2.2 Pre-construction Activities

DeWind personnel arrived at the site on August 18, 2008 to begin pre-construction activities including staking of the trench location by a licensed New York State professional land surveyor, installation of orange construction fence, and delivery and staging of zero valence iron (ZVI). Monitoring instruments to be used during construction activities including the photoionization detector (PID) and particulate monitors arrived at Robert Rydell's hotel on August 18, 2008. Delivery, staging, and tarping of the ZVI was completed on August 19, 2008 along with installation of signage, installation of silt fencing, and assembly of the trenching machine. DeWind began excavating the key for the trenching machine to operate within on August 19, 2008. The key was excavated to contain spoils and groundwater during trenching operations. Excavation of the key was completed on August 20, 2008.

Prior to the start of trenching operations, DeWind was required to locate and remove sections of three storm drains constructed of corrugated metal pipe (CMP). Sections of one 24-inch diameter CMP and two 18-inch diameter CMPs were removed to permit trenching operations and prevent substantial damages to the storm drain system. DeWind placed geotextile material covered by plywood and held in place by steel t-posts over the ends of the storm drains to prevent soil from filling the CMPs during trenching operations. Backfilling over the removed sections of storm drain piping was necessary to create a level surface for trenching operations.

While excavating for the key, DeWind encountered several drain lines constructed of Orangeburg pipe associated with a septic system absorption field. The drain lines did not contain water and the soil beneath the drain lines was dry. RMT suspects the septic

system receives very little flow and was designed for higher flow rates than it is currently receiving. Details regarding repair of the absorption field are given below.

2.2.3 Permeable Reactive Barrier Installation

Mixing of ZVI and Concrete Sand

DeWind utilized a local concrete plant operated by Dutchess Quarry and Supply Company to provide concrete trucks containing pre-measured volumes of concrete sand required to obtain a greater-than 20 percent by volume mixture of ZVI and concrete sand. Certifications that the concrete sand and ZVI met the specifications provided on Figure 9 of the Workplan are provided in Appendix A. Using the forklift, DeWind lifted supersacks weighing 3,000 pounds each to the loading platforms of the concrete trucks. A DeWind laborer loaded the ZVI into the mixing drum of the concrete truck by cutting the bottom of the supersack and allowing the ZVI to flow into the mixing drum. DeWind laborers performing this task wore dusk masks to minimize exposure to ZVI dust during loading operations. This process continued until the desired volume of ZVI was added to achieve the +20 percent by volume ZVI to concrete sand mixture.

The first concrete trucks arrived after noon on August 20, 2008 when trenching operations were anticipated to begin. Once the correct volume of ZVI had been added to the drum of the concrete truck, the concrete truck operator rotated the drum of the concrete truck at a high rate of speed for several minutes to achieve a uniform mixture. A sample of the prepared PRB medium was taken and analyzed for percent iron using a magnet and postal scale. The collected sample of PRB medium was placed in an aluminum pan (first pan) and heated using a propane torch to minimize moisture content. A second aluminum pan containing a magnet was passed over the sample causing the ZVI to adhere to the bottom of the second pan. ZVI collecting on the bottom of the second pan was emptied into a third pan for weighing on the postal scale. Both the ZVI contained in the third pan and the concrete sand remaining in the first pan were individually weighed on a postal scale. Using the known densities of both materials, the percent volume of ZVI to concrete sand was calculated.

The prepared PRB medium was then unloaded from the concrete truck into a metal bin to facilitate loading of the PRB medium into the hopper of the trenching machine.

Trenching Operations

August 20, 2008

Prior to the start of trenching operations, a particulate monitor was installed upwind and downwind of the construction area. The particulate monitors (DataRam DR-4000) equipped with 10 micron nozzles were programmed to collect 15-minute averages. Additionally, the PID (MiniRAE 2000) equipped with a 10.6 eV lamp was used to collect upwind and downwind VOC readings. Trenching operations using the one-pass trenching machine began on the afternoon of August 20, 2008 beyond the northwest extent of the PRB to allow the cutting chain to reach a vertical position at the northwest extent of the PRB (station 02+20). The cutting chain reached the vertical position at station 02+40, approximately 20 feet beyond the northwest extent of the PRB. Prepared PRB medium was loaded into the hopper behind the cutting chain on the trenching machine to backfill behind the cutting chain until the vertical position was reached.

Trenching operations in the northwest extent of the PRB began in the area where one of the 18-inch CMP storm drains was removed. The 18-inch CMP was located just above the water table and require excavating into the water table to facilitate removal. Following removal of the CMP, groundwater filled in the excavation. When the trenching machine reached a vertical position and began trenching in this area, the soil and groundwater mixed to create a slurry with a consistency similar to wet cement. The fluidity of the slurry allowed it to backfill the trench before the PRB medium had an opportunity to fill the void. DeWind halted trenching operations when it was observed that the PRB medium was not properly filling the void created by the cutting chain.

August 21, 2008

RMT and DeWind arrived at the site on the morning of August 21, 2008 with ideas of how to modify the trenching machine to prevent the slurry from filling the void before the PRB medium. DeWind recommended dewatering be explored as an option to lower the groundwater elevation at the PRB. DeWind decided to restart the trenching machine to see if allowing the area to stabilize overnight allowed trenching operations to continue with no modifications to the trenching machine. Trenching

operations were resumed and RMT observed a less saturated, more cohesive soil being excavated by the trencher. Due to the stability of the soil, DeWind was able to begin casting or windrowing the spoils to the side of the trench. Spoils were maintained within the key. The PRB medium began filling the void behind the cutting chain and DeWind determined the PRB was being installed to depth. RMT believes the presence of pooled groundwater in the excavation created by removing the 18-inch CMP provided sufficient water for trenching operations to result in a soil/groundwater slurry resembling wet cement. The fluidity of this slurry allowed it to fill the void created by the cutting chain before the PRB medium. Trenching operations conducted on August 20, 2008 had filled in this excavation and allowing the area to sit overnight had dewatered the soils that filled the excavation creating a more stable subgrade.

Robert Rydell of RMT collected VOC measurements from the spoils pile every 15 linear feet by inserting the PID monitor into a small excavation created using a wooden stake. Mr. Rydell also monitored the particulate monitors on a regular basis to assess downwind particulate concentrations compared to upwind particulate concentrations. At no time during the construction project did VOC concentrations of the downwind ambient air exceed 5 parts per million (ppm) above upwind ambient air VOC concentrations. Spoils windrowed from trenching operations did not exceed the 10 ppm action level specified in the workplan. Therefore, RMT was not required to segregate and stockpile soils for further characterization due to VOC concentrations exceeding 10 ppm on the PID.

Trenching operations were slow on August 21, 2008 due to the unavailability of concrete trucks. The sand supplier was utilizing concrete trucks on other construction projects and was unable to provide a steady supply of concrete trucks containing sand. Sixty-five feet of the PRB was installed on August 21, 2008 and PRB installation was completed to station 01+75. (PRB started at station 02+40, 20 feet beyond northwest extent.)

August 22, 2008

Delivery of sand in concrete trucks was slow again due to other construction projects. DeWind installed another 40 feet of the PRB and

reached station 01+35. Due to the unavailability of concrete trucks, DeWind repaired two of the storm drains between trenching operations. Particulate monitoring and VOC monitoring continued in accordance with the Workplan. A hydraulic fitting on the trenching machine failed during trenching operations resulting in a small release of hydraulic fluid to the ground surface immediately underneath the trenching machine. The trenching machine was shut down immediately until repairs could be made. DeWind removed soil impacted by hydraulic fluid using hand tools and contained it in a plastic bag. RMT estimates that approximately 0.25 cubic yards of impacted soil was removed for disposal.

DeWind contacted the sand supplier and requested a cost for the batch plant to open on Saturday and dedicate concrete trucks to the PRB project only. The batch plant agreed to open on Saturday for an additional fee and indicated concrete trucks would begin arriving by 7:30 on the morning of August 23, 2008.

August 23, 2008

Concrete trucks containing sand began arriving at the site at 7:15 a.m. Trenching operations resumed at 7:45 a.m. and were halted at 8:30 a.m. when a hydraulic leak was discovered. The trenching machine had blown a hose. The mixed PRB media from the concrete trucks was temporarily stored on the asphalt parking area until the hose could be repaired. A replacement hose was located and the trencher was operational again by noon. Soil impacted by the spilled hydraulic fluid was removed using hand tools and was contained in plastic bags for proper disposal. The front-end loader was used to load PRB media stored on the asphalt parking area into the hopper of the trenching machine. DeWind was able to complete PRB installation and a licensed New York State professional land surveyor surveyed the surface elevation across the length of the PRB. A copy of this survey is provided as Figure 2.

Site Restoration, Decontamination and Demobilization

August 24, 2008

DeWind repaired the last 18-inch CMP storm drain and began disassembling the trenching machine. Decontamination of the trenching

machine and other equipment was performed directly over the PRB such that decontamination fluid came into immediate contact with the PRB media. DeWind repaired the drain pipes for the septic system absorption field using flexible couplings and perforated polyvinyl chloride (PVC) pipe. Gravel was placed above and below the PVC drain pipe and geotexile was installed on top of the gravel to minimize the potential for fines filling the pore space of the gravel. DeWind began backfilling the key and grading the site in preparation for seeding operations.

August 25, 2008

DeWind continued backfilling the key and decontaminating equipment. Site grading was completed.

August 26, 2008

Paving contractor repaired the section of asphalt parking lot damaged during PRB installation. The landscaping contractor spread a seeding mixture, limestone, fertilizer, and straw mulch which met the specifications provided on Figure 9 of the Workplan. Roll-off containing trash from construction operations (supersacks, plastic wrapping, and soil impacted with hydraulic fluid) was picked up for disposal. DeWind and RMT began demobilizing from the site.

159.07
WATER LEVEL

2+21

160.19

159.91

2+00

1+75 160.66

1+50 160.44

1+25 161.56

1+00 161.68

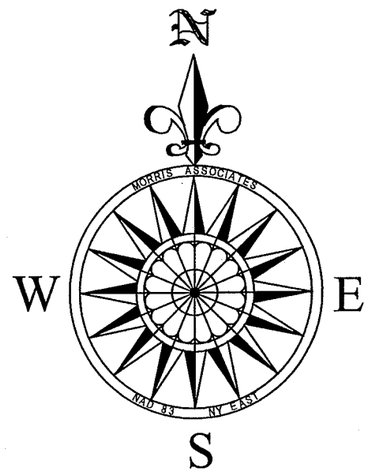
0+75 162.71

0+50 166.10

0+25 165.72

167.47

P-PRB-TRENCH



5
170.72
GPS STA PANEL MAG

3
169.80
CB

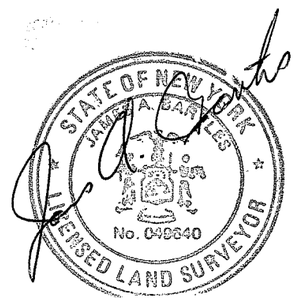
2
170.84
MAG PANEL

4
170.35
GPS STA

1
170.47
STA SPIKE

603
0.00
B-931-N

605
0.00
B-931-NE



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PAGE PARK TRENCH AS-BUILT

9/03/08 SCALE: 1" = 40'

DATE OF FIELD SURVEY: 8/15/08
VERTICAL DATUM: APPROXIMATE USGS
HORIZONTAL DATUM: NAD 83-NY EAST
FIELD CREW: JV,MP,RVG
DRAWN BY: BJ

Section 3
Construction Quality Assurance and Control

This section describes the quality assurance measures employed to implement the installation and provide performance verification of the PRB at the B906 site in Poughkeepsie, New York.

Quality assurance refers to the actions, including visual observation, sampling, and testing undertaken or executed by the remedial action contractor to monitor, measure, and evaluate the characteristic(s) of materials and services provided by subcontractors, and to provide adequate confidence and documentation that construction substantially meets or exceeds the design requirements set forth by the project plans and specifications.

Quality control refers to those actions, including construction techniques and equipment, scheduling, and staffing undertaken or executed by the remedial action contractor and its subcontractors to ensure with adequate confidence that the construction materials and services being provided are substantially meeting or exceeding the design requirements set forth in the Workplan. This also includes the planned and systematic monitoring, measuring, and evaluation by the remedial action contractor and the subcontractors of the material characteristic(s) and construction services being provided, and the means undertaken, if and when components are identified as not meeting the design requirements.

3.1 Construction Materials

Suppliers of the concrete sand and ZVI were required to provide certifications that the materials supplied met the specifications given in the Workplan. Certifications from the suppliers are provided in Appendix A. Photographs of seed mixture, limestone, fertilizer, and mulch used during site restoration activities are given in Appendix B.

3.2 Construction Documentation

The RPR, Robert Rydell of RMT, completed daily observation reports outlining the monitoring activities for that day. The reports contained, at a minimum, the following information:

1. Date, project name, location, and the number and names of people on the site.
2. Time work started and ended, in addition to the time of work stoppages related to inclement weather or insufficient equipment or personnel.
3. Data on weather conditions, including temperature, humidity, wind direction and speed, cloud cover, and precipitation.

4. IRM work force, equipment, and materials delivered to or removed from the job site.
5. Chronological description of work in progress, including notices to or requested from any Subcontractors.
6. Results of testing performed on-site by quality assurance personnel.
7. Project/Deficiency identification and documentation describing corrective actions taken for field problems and non-conformance with the plans and specifications.
8. A record of communications with other on-site parties, property owners, regulatory agencies, or consultants regarding the day's construction activities.
9. A record of calibrations or standardizations performed on field testing equipment, including actions related to and results of re-calibrations.

Robert Rydell's daily reports and field notes are provided in Appendix C. Photographic documentation of construction activities was also performed by Robert Rydell. Appendix B provides a photographic log in chronological order of IRM implementation activities.

3.3 Testing and Verification

DeWind used a laser level and rod to verify the depth to the top of the PRB throughout installation. Estimates of PRB thickness were determined based on quantity of materials used and the volume of iron was increased as needed to obtain the practical iron flow-through thickness presented in the Workplan of 0.4 ft. The percent iron contained in the mixture was calculated using the procedure previously described in Subsection 2.2.3. The table provided on Figure 4 summarizes the wall dimensions, percent iron, and quantities of material used at stations located across the length of the PRB.

Upwind and downwind monitoring was conducted for particulate matter (nominally 10 microns or less) (PM_{10}) to evaluate contributions to particulate concentrations in ambient air from construction activities. During the construction activities, downwind particulate concentrations did not exceed background by more than 100 micrograms per cubic meter (mcg/m^3) nor did the concentrations exceed 150 mcg/m^3. Hard copies of the text files produced by the DR-4000 are provided in Appendix D. The device described as Dev 1 is the upwind particulate monitor and Dev 2 is the downwind particulate monitor.

Ambient air monitoring for VOCs upwind and downwind of construction activities was conducted on a daily basis using a PID (MiniRAE 2000). The MiniRAE 2000 was calibrated each day prior to use. VOC measurements were also taken every 15 feet along spoils windrowed by trenching operations. A wooden stake was used to make a tiny excavation in the spoils and the probe was inserted into the excavation. None of the measurements exceeded the 10 ppm

threshold given in the Workplan. Therefore, no soils were required to be segregated for further characterization. Spoils from trenching operations were used to fill in the key and grade the site. Results from VOC testing are provided in a table in Appendix D entitled Soil and Ambient Air Monitoring Log.

3.4 Monitoring Well Installation

Seven monitoring wells were installed in the vicinity of the PRB during the week of September 8, 2008 (see Figure 3). Four wells were installed on the downgradient side of the PRB, and three wells were installed on the upgradient side of the PRB. Monitoring wells were installed using hollow stem augur drilling methods. Wells were drilled to depths ranging from 13.5 feet to 16 feet. The wells were constructed with 2 inch polyvinyl chloride casing and screen and were screened across a five-foot section at the midpoint of the saturated zone. Wells were completed with expandable locking well caps and with flush mount well covers. In areas that were not paved, wells were completed with a 24 inch by 24 inch concrete pad. Table 1 outlines well construction details. Construction diagrams and boring logs are included in Appendix E.

Table 1
Summary of Permeable Reactive Barrier Monitoring Well Construction

WELL NAME	TOP OF CASING ELEVATION	GROUND SURFACE ELEVATION	DEPTH TO TOP OF SCREEN	DEPTH TO BOTTOM OF SCREEN	ELEVATION OF TOP OF SCREEN	ELEVATION OF BOTTOM OF SCREEN
PRBMW-1	166.13	166.05	8	13	158.05	153.05
PRBMW-2	168.15	167.94	11	16	156.94	151.94
PRBMW-3	169.83	169.82	10	15	159.82	154.82
PRBMW-4	166.35	166.30	8	13	158.30	153.30
PRBMW-5	167.30	167.22	10.5	15.5	156.72	151.72
PRBMW-6	168.14	167.93	11	16	156.93	151.93
PRBMW-7	170.15	169.92	10	15	159.92	154.92

3.4.1 Baseline Sampling Results

Following the development of the monitoring wells the week of September 8, 2008, PDBs were installed in each well at the midpoint of the well screen. The PDBs were allowed to stabilize for two weeks, and groundwater samples were collected the week of September 29, 2008. Groundwater samples were also collected from each well using purge and sample methods to evaluate the consistency of the analytical results between the two sampling methods.

Groundwater monitoring results indicate that observed VOC levels were generally consistent between the two sampling methods. PCE and TCE were the only constituents detected at concentrations greater than their respective United States Environmental Protection Agency (USEPA) Maximum Contaminant Levels (MCLs). Field parameters and analytical data are summarized in Table 2. Analytical reports and chain-of-custody forms for the September 2008 sampling events are provided in Appendix F.

PDBs were installed in each well at the midpoint of the well screen following this sampling event. The next sampling event is scheduled for March 2009. If analytical results from the PDBs continue to be consistent with analytical results produced by purge and sample techniques for a period of one year, Schlumberger will request NYSDEC consider the use of PDBs only in future sampling events.

3.5 Record Drawings

Figures 3 and 4 serve as record drawings for the PRB installation. Surveying performed to facilitate drawing preparation was performed by a licensed New York State professional land surveyor. The record drawings provide coordinates and elevations for the PRB as well as a cross section of the installed PRB. Monitoring wells associated with the performance monitoring of the PRB are also shown on these drawings. The drawings have been certified by the project professional engineer, Gregory Mitchell, P.E. recognizing the completion of the PRB in substantial compliance with the NYSDEC approved Workplan.

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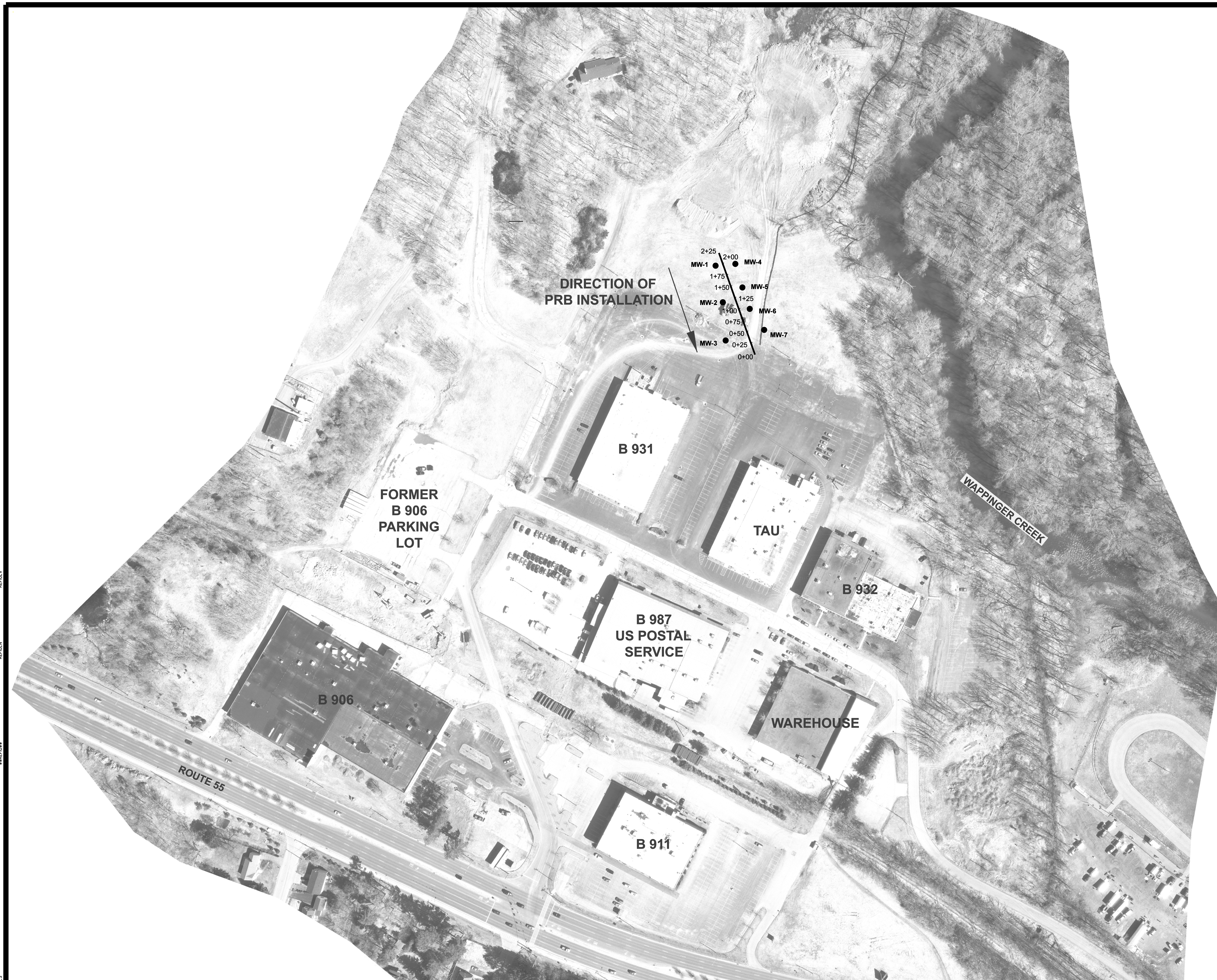


NOTES

1. PHOTOGRAMMETRIC SURVEY PERFORMED BY PROMAPS IN MOORESTOWN, N.J. SURVEYED ON 4-9-05
2. AS-BUILT SURVEY PERFORMED BY MORRIS ASSOCIATES PLLC. OF POUGHKEEPSIE, NY.

N

0 100' 200'
SCALE IN FEET

NO.	BY	DATE	REVISION	APP'D.
1	AHS	9/16/08	AS-BUILT	GSM
0	AHS	5/14/08	ISSUED FOR BID	GSM
B	AHS	11/14/07	ISSUED FOR REGULATORY REVIEW	GSM
A	AHS	10/26/07	ISSUED FOR CLIENT REVIEW	GSM

PROJECT: **B906 - IRM WORKPLAN**
PAGE INDUSTRIAL PARK
POUGHKEEPSIE, NEW YORK

SHEET TITLE: **AS-BUILT PRB PLAN**

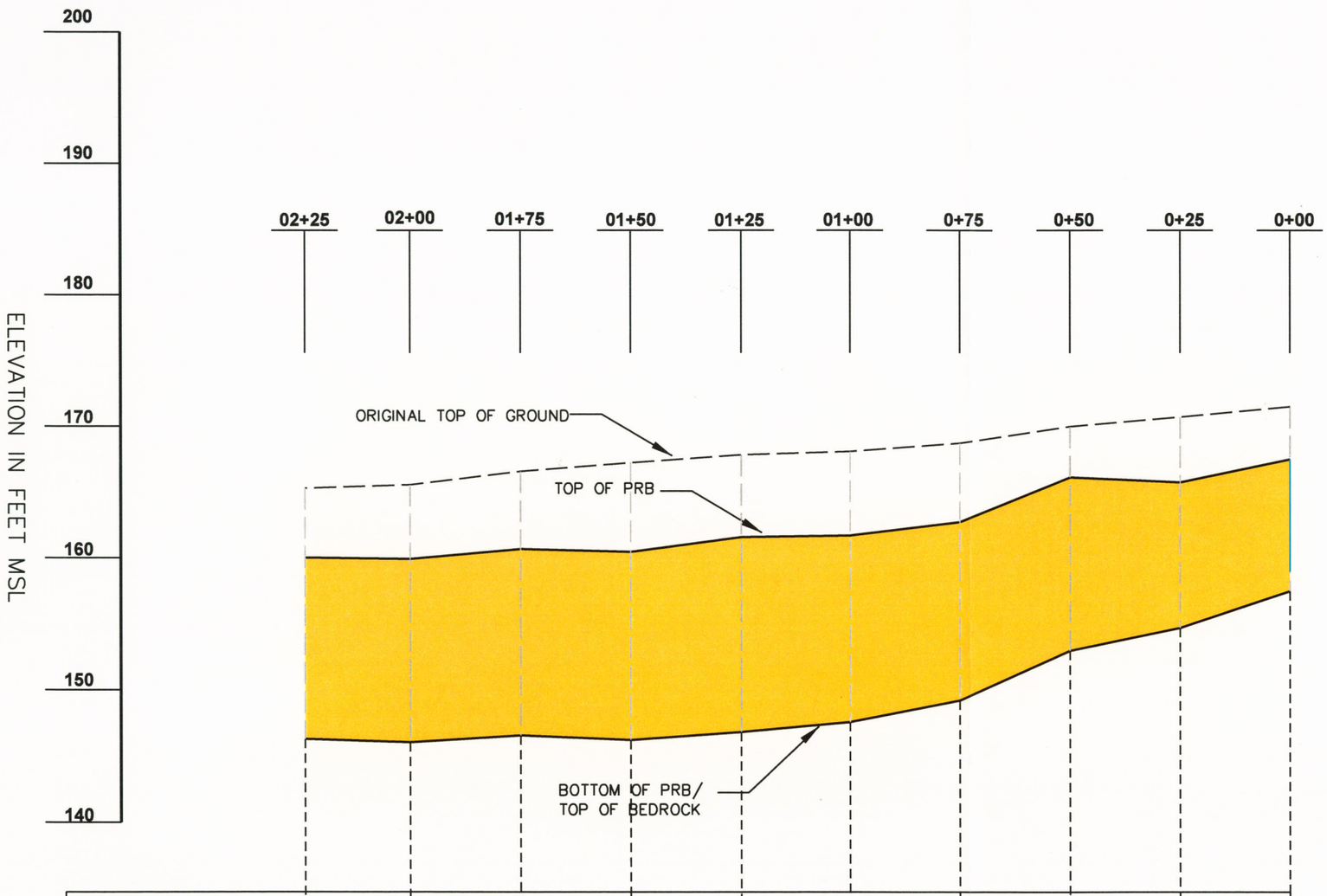
DRAWN BY: AHS	SCALE: AS NOTED	PROJ. NO.	70925.05
CHECKED BY: CLC		FILE NO.	FIGURE 3.DGN
APPROVED BY: GSM	DATE PRINTED:	**FIGURE 3**	
DATE: SEPTEMBER 2008			

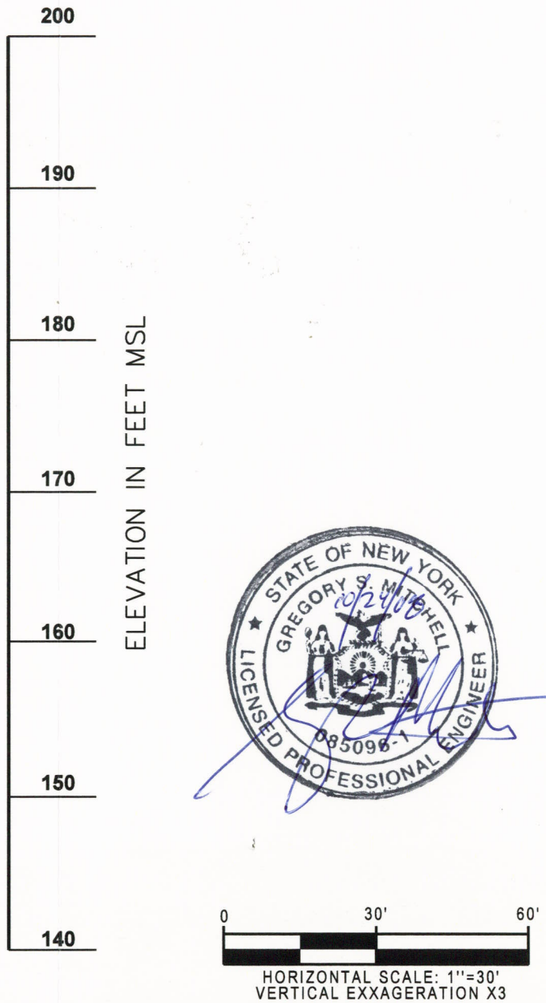
RMT
30 Patewood Drive, Suite 100
Greenville, S.C. 29615-3535
Phone: 864-281-0030
Fax: 864-281-0288

J:\CAD\00-70925\ 03\ figure 6.dgn

NW

SE





TONS OF IRON	10.5	13.5	13.5	12	11.5	11	11	10	7
TRENCH WIDTH (IN.)	23.3	19.5	19.5	18.5	18.5	16	16	16.35	20.45
PRACTICAL IRON FLOW – THROUGH THICKNESS (IN.)	4.9	6.04	6.04	5.55	5.18	4.98	4.98	4.9	4.49
PERCENT OF IRON BY VOLUME	21%	31%	31%	30%	28%	31%	31%	30%	22%

STATE OF NEW YORK
GREGORY S. MITCHELL
LICENSED PROFESSIONAL ENGINEER
085096-1

PROJECT: **B906 - IRM WORKPLAN**
PAGE INDUSTRIAL PARK
POUGHKEEPSIE, NEW YORK

SHEET TITLE:
AS-BUILT PRB CROSS SECTION

DRAWN BY: AHS	SCALE: AS NOTED	PROJ. NO.	70925.05
CHECKED BY: CLC		FILE NO.	
APPROVED BY: GSM	DATED PRINTED:	**FIGURE 4**	
DATE: SEPTEMBER 2008			

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30 Patewood Drive, Suite 100
Greenville, S.C. 29615-3535
Phone: 864-281-0030
Fax: 864-281-0288

Table 2
Summary of Groundwater Analytical Data
September 2008

PARAMETER[1]	MCL[2]	LOCATION/SAMPLE DATE														
		PRBMW-01 09/29/08	PRBMW-01-PDB 09/29/08	(DU-08401) PRBMW-02 09/29/08	PRBMW-02 09/29/08	PRBMW-02-PDB 09/29/08	PRBMW-03 09/29/08	PRBMW-03-PDB 09/29/08	PRBMW-04 09/29/08	PRBMW-04-PDB 09/29/08	PRBMW-05 09/29/08	PRBMW-05-PDB 09/29/08	PRBMW-06 09/29/08	PRBMW-06-PDB 09/29/08	PRBMW-07 09/29/08	PRBMW-07-PDB 09/29/08
Volatile Organic Compounds																
Acetone	--	**0.0014**	**0.0056**	**0.0015**	**0.011**	**0.01**	**0.0012**	**0.0061**	**0.0012**	**0.0063**	**0.00092 J**	**0.0058**	**0.00066 J**	**0.0091**	**0.0012**	**0.0065**
Benzene	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	0.08[3]	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	0.08[3]	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone	--	<0.001	<0.001	<0.001	**0.0014**	**0.0019**	<0.001	**0.00091 J**	<0.001	**0.00084 J**	<0.001	**0.00098 J**	<0.001	**0.0015**	<0.001	**0.0011**
Carbon disulfide	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon tetrachloride	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	0.1[5]	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	0.08[3]	<0.001	<0.001	**0.00036 J**	**0.00034 J**	**0.00031 J**	**0.00057 J**	**0.00059 J**	<0.001	<0.001	**0.00055 J**	**0.00048 J**	**0.00082 J**	**0.00089 J**	<0.001	**0.00031 J**
Chloromethane	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	0.08[3]	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis -1,2-Dichloroethene	0.07	<0.001	<0.001	**0.0016**	**0.00045 J**	**0.0013**	**0.0018**	**0.002**	**0.0003 J**	**0.00023 J**	**0.0011**	**0.00073 J**	**0.0018**	**0.0019**	<0.001	**0.00028 J**
trans -1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis -1,3-Dichloropropene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans -1,3-Dichloropropene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	0.7	<0.001	<0.001	<0.001	**0.00016 J**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Hexanone	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	0.005[6]	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Methyl-2-pentanone	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	0.005	**0.01**	**0.0091**	**0.049**	**0.015**	**0.045**	**0.053**	**0.062**	**0.024**	**0.024**	**0.042**	**0.035**	**0.048**	**0.051**	**0.002**	**0.0085**
Toluene	1	<0.001	<0.001	<0.001	**0.00022 J**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	<0.001	<0.001	**0.00041 J**	**0.00048 J**	<0.001	<0.001	**0.00031 J**	**0.00026 J**	**0.00052 J**	**0.00051 J**	<0.001	<0.001
1,1,2-Trichloro-1,2,2-trifluoroethane	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.005	**0.0085**	**0.0076**	**0.033**	**0.011**	**0.03**	**0.042**	**0.044**	**0.019**	**0.016**	**0.031**	**0.026**	**0.04**	**0.04**	**0.0013**	**0.0049**
Vinyl chloride	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes, total	10	<0.001	<0.001	<0.001	**0.0007 J**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Field Parameters																
Conductance, specific (us/cm)	--	645	17.16	NS	1105	12.82	760	11.16	491	14.74	859	16.54	877	17.71	337	12.7
pH (standard units)	6.5-8.5[4]	7.32	6.51	NS	7.16	7.06	7.33	6.59	7.36	7.13	7.24	6.95	7.50	7.20	7.08	6.52
Temperature (^{o}C)	--	19.3	19.8	NS	18.4	19.3	20.1	18.8	20.3	19.5	19.2	18.9	18.5	18.2	20.3	19.7
Turbidity (NTU)	--	2.21	NS	NS	3.97	NS	3.34	NS	4.69	NS	2.97	NS	14.5	NS	1.35	NS

[1] Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.

[2] Maximum Contaminant Level; Drinking Water Standards and Health Advisories (USEPA, 2006).

[3] The total for trihalomethanes (THM) is 0.08 mg/L.

[4] Secondary Drinking Water Regulations (SDWR).

[5] Based on the MCL value for monochlorobenzene.

[6] Based on the MCL value for Dichloromethane.

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

NS - Not sampled.

Bolding indicates constituent detection.

Shading indicates concentration exceeds comparison criteria.

Section 4
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Appendix A
Certifications

PEERLESS™

Date: 08/26/2008

CERTIFICATION FOR ZVI IRON SUPPLIED

Customer: Dewind Environmental

Job Site: Poughkeepsie, NY

Product Supplied: ZVI Cast Iron Aggregate size 8/50

Tons Supplied: 100 Net Tons

Date Supplied: August, 2008

The Zero Valent Iron (ZVI) supplied by Peerless Metal Powders met the specifications for PRB Medium as follows:

A) Iron was over 95% by weight of Fe^0

B) Grain size met ETI CC - 1004 screen specification

C) Iron had a bulk density of 140 to 160 lbs/ft^3

D) Iron was free from residual cutting oils and grease

Signed by:

Paul W. Tousley

Peerless Metal Powders & Abrasive

124 South Military • Detroit, Michigan 48209
(313) 841-5400 Fax (313) 841-0240

Dutchess Quarry

8/21/08

RT. 82 Sand & Gravel

Sieve Size	& Passing
#4	99.4
#8	86.2
#16	65.7
#30	41.3
#50	21.1
#100	4.8
#200	1.0

FM= 2.815

Appendix B
Photographic Log

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
1	08/19/08

Description
Looking northwest in direction of the proposed PRB. Notice pink paint on asphalt marking southeast extent of the PRB.

Photo No.	Date
2	08/19/08

Description
Looking northwest at surveying stakes marking location of the PRB. Notice orange construction fence in background.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
3	08/19/08

Description
View of construction site looking west. Notice orange construction fence in foreground and trackhoe in background.

Photo No.	Date
4	08/19/08

Description
View of construction site looking northeast. Notice construction fencing in foreground and background.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
5	08/19/08

Description
DeWind's trenching machine arriving by tractor trailer.

Photo No.	Date
6	08/19/08

Description
DeWind beginning excavation of trench where trenching machine will operate. DeWind began excavating for trench at the northwest extent of the proposed PRB. Trench will contain spoils and groundwater from PRB installation. Notice silt fencing and construction fence in background.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
7	08/19/08

Description
View of shale layer encountered in northwest extent of PRB while excavating trench where trenching machine will operate.

Photo No.	Date
8	08/19/08

Description
Septic system absorption field pipe encountered while excavating trench. Absorption field pipe is Orangeburg type pipe.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
9	08/20/08

Description
Trenching machine fully assembled. Notice cutting chain and hopper which is used to place PRB material in trench.

Photo No.	Date
10	08/20/08

Description
DeWind excavating around 24-inch CMP pipe (storm drain) transecting proposed PRB location. Section of pipe will be removed to allow PRB installation. Pipe will be replaced following completion of trenching activities.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
11	08/20/08

Description
18-inch CMP pipe found near northwest extents of proposed PRB location. Notice groundwater beginning to fill excavation.

Photo No.	Date
12	08/20/08

Description
Trackhoe lifting CMP pipe from excavation.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
13	08/20/08

Description
View of 18-inch CMP pipe following removal of pipe section.

Photo No.	Date
14	08/20/08

Description
Placement of plywood and t-posts to cover ends of exposed CMP pipe to prevent soil from filling pipe.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
15	08/20/08

Description
View of excavation at northwest extent of proposed PRB where 18-inch CMP was removed. Notice groundwater in excavation and pipe protection provided by plywood and steel t-posts.

Photo No.	Date
16	08/20/08

Description
Trenching machine began PRB installation in northwest extent of PRB. PRB was installed beginning in the northwest and moving to the southeast. Groundwater that was allowed to pool in the excavation created by exhuming the 18-inch CMP mixed with the sand creating water and soil mixture with the consistency of wet cement.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
17	08/21/08

Description
Trenching operations continue past the excavation filled with water. Notice material coming off cutting chain is not as saturated.

Photo No.	Date
18	08/21/08

Description
View of hopper placing sand/iron mixture into trench.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
19	08/21/08

Description
Sand/iron mixture temporarily stored on asphalt surface prior to being loaded into hopper of trenching machine.

Photo No.	Date
20	08/21/08

Description
Closer view of sand/iron mixture.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
21	08/21/08

Description
Conveyor belt casting spoils downgradient of trenching operations.

Photo No.	Date
22	08/21/08

Description
DeWind field crew using laser level to verify top elevation of PRB.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
23	08/21/08

Description
Iron contained in super sacks was loaded into concrete trucks containing pre-measured volumes of sand to achieve a +20% iron (by volume) mixture. Concrete trucks were used to mix the sand/iron to obtain a homogeneous mixture.

Photo No.	Date
24	08/21/08

Description
Super sacks containing iron were cut open at the bottom allowing iron to be fed into the barrel of the concrete trucks. DeWind field crew wore dust masks while performing this operation.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
25	08/21/08

Description
Trackhoe loading sand/iron mixture into hopper of trenching machine.

Photo No.	Date
26	08/21/08

Description
RMT construction manager using PID to test VOC concentrations in pore gases of spoils.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
27	08/22/08

Description
MiniRAMs were used to obtain an average upwind PM_{10} concentration and a downwind PM_{10} concentration.

Photo No.	Date
28	08/22/08

Description
Display screen of DataRAM.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
29	08/22/08

Description
DeWind field crew repairing 18-inch CMP storm drain pipe.

Photo No.	Date
30	08/22/08

Description
View of sand/iron mixture in place along top of PRB.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
31	08/22/08

Description
Iron filings contained inside a super sack.

Photo No.	Date
32	08/22/08

Description
Gravel being delivered for repair of septic system absorption field.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
33	08/22/08

Description
Trenching/PRB installation continues on Friday.

Photo No.	Date
34	08/22/08

Description
Concrete truck loading prepared sand/iron mixture into bin.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
35	08/22/08

Description
View of completed portion of PRB, looking northwest.

Photo No.	Date
36	08/22/08

Description
View of silt fence, construction fence, and gravel to be used for absorption field repair, looking southeast north of PRB location.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
37	08/22/08

Description
Trenching operations continue on Friday.

Photo No.	Date
38	08/22/08

Description
Ruptured hose resulted in a small spill of hydraulic fluid. Absorbent blankets were immediately deployed by DeWind. Impacted soils were removed using hand tools and were properly disposed of off the site.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
39	08/22/08

Description
Super sack and plastic bag were used to contain impacted soil.

Photo No.	Date
40	08/22/08

Description
DeWind foreman verifying percentage of iron contained in PRB medium mixture using postal scale.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
41	08/23/08

Description
Trenching continues on Saturday.

Photo No.	Date
42	08/23/08

Description
DeWind field crew collecting soils affected by leaking hydraulic fitting.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
43	08/23/08

Description
Concrete trucks placed thoroughly mixed loads of PRB medium on asphalt surface as trenching machine was under repair.

Photo No.	Date
44	08/23/08

Description
View of PRB medium stockpiled on asphalt surface in advance of being loaded into hopper of trenching machine.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
45	08/23/08

Description
PRB installation by trenching machine near southeast extent of PRB.

Photo No.	Date
46	08/23/08

Description
DeWind field crew verifying elevation of top of PRB.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
47	08/23/08

Description
PRB installation is complete and trenching machine is pulling cutting chain and hopper out of the ground near the southeast extent. Cutting chain and hopper has cleared the ground surface.

Photo No.	Date
48	08/24/08

Description
Repair of dry well pipe.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
49	08/24/08

Description
Disassembly of trenching machine.

Photo No.	Date
50	08/24/08

Description
View of installed PRB looking northwest. Excavator is filling in trench used to contain spoils and groundwater.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
51	08/24/08

Description
DeWind decontaminating equipment within and slightly upgradient of trench.

Photo No.	Date
52	08/24/08

Description
Repair of septic tank absorption field piping.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
53	08/24/08

Description
Gravel placed around absorption field piping.

Photo No.	Date
54	08/24/08

Description
Flexible couplings were used to connect perforated PVC pipe with existing perforated Orangeburg pipe.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
55	08/24/08

Description
Geotextile placed over gravel trenches for absorption field to prevent fines from plugging gravel trenches.

Photo No.	Date
56	08/24/08

Description
DeWind performing fine grading of construction site.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
57	08/24/08

Description
Trenching machine being readied for demobilization.

Photo No.	Date
58	08/24/08

Description
Fine grading complete. Asphalt repair and restoration needed.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
59	08/25/08

Description
Tracks of trenching machine loaded on tractor trailer preparing for demobilization. Tracks have been decontaminated.

Photo No.	Date
60	08/26/08

Description
Straw/hay used for site restoration.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
61	08/26/08

Description
Limestone used for restoration.

Photo No.	Date
62	08/26/08

Description
Seed used for restoration.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
63	08/26/08

Description
Seed certification.

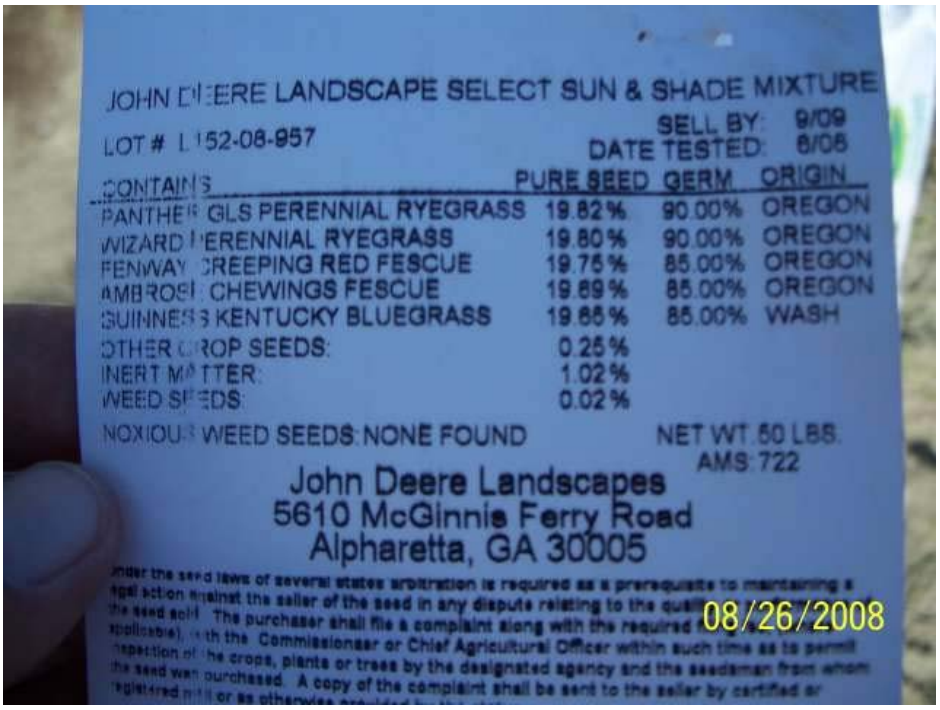

Photo No.	Date
64	08/26/08

Description
Fertilizer used for restoration.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
65	08/26/08

Description
Site restoration activities.

Photo No.	Date
66	08/26/08

Description
Cutting of asphalt to make a square edge in preparation for paving.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
67	08/26/08

Description
Straw being spread on the site as a part of site restoration.

Photo No.	Date
68	08/26/08

Description
Roller being used to compact aggregate in preparation for paving operations.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
69	08/26/08

Description
Roller being used to compact asphalt (binder course).

Photo No.	Date
70	08/26/08

Description
View of asphalt patch.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
71	08/26/08

Description
Roller being used to smooth surface of asphalt.

Photo No.	Date
72	08/26/08

Description
View of completed asphalt patch.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Schlumberger Technology Corporation	IBM B906/Page Industrial Park Site Poughkeepsie, New York	00-70925.05 Task 1

Photo No.	Date
73	08/26/08

Description
Construction fence has been removed and silt fence remains in place.

Appendix C
Daily Reports and Field Notes

RMT

Project Name: IRM IBM B906
Project Number: 70925.05
Client: Schlumberger
Client Representative: Joe Ferguson

Daily Report

Date:	8/17/08	Daily Report #	001
Day of Wk:	Sunday	Weather: A.M.-	
RMT Representative:	Bob Rydell	P.M.-	
Signature:	R. Rydell	Low Temp: ˚	High Temp: ˚

Personnel

Name	Position	Company	Hours	Daily Activity
Greg Mitchell	Project Mgr	RMT	0	See Summary
Bob Rydell	Const. Mgr	RMT	9	See Summary
Jeff DeWind	Site Mgr	DeWind	0	See Summary
Doug DeJongh	Operator	DeWind	0	See Summary
Mike DeGlopper	Operator	DeWind	0	See Summary
Jim VanOeffelen	Operator	DeWind	0	See Summary

Summary of Day's Work:

Mobilize to project.

Remarks

Safety

Safety meeting held. No accidents or incidents.

Changes from Specification	None
Prime Contract Changes and/or extra work	None

Equipment on-site:

RMT = 1ea.- Pick up truck

RMT

Project Name: IRM IBM B906
Project Number: 70925.05
Client: Schlumberger
Client Representative: Joe Ferguson

Daily Report

Date:	8/18/08	Daily Report #	002
Day of Wk:	Monday	Weather: A.M.-	
RMT Representative:	Bob Rydell	P.M.-	
Signature:	R. Rydell	Low Temp: ˚	High Temp: ˚

Personnel

Name	Position	Company	Hours	Daily Activity
Greg Mitchell	Project Mgr	RMT	0	See Summary
Bob Rydell	Const. Mgr	RMT	11	See Summary
Jeff DeWind	Site Mgr	DeWind	0	See Summary
Doug DeJongh	Operator	DeWind	7.5	See Summary
Mike DeGlopper	Operator	DeWind	7.5	See Summary
Jim VanOeffelen	Operator	DeWind	0	See Summary

Summary of Day's Work:

Completed RMT Mobilization to project.
DeWind 75% mobilized to project.
Began site set up. Installed construction fence in grass area. Trench alignment staking completed.
3 loads of iron delivered and staged.

Remarks

None

Safety

Safety meeting held. No accidents or incidents.

Changes from Specification	None
Prime Contract Changes and/or extra work	None

Equipment on-site:

RMT = 1ea.- Pick up truck
DeWind = 2 ea. Support trucks and misc. equipment, 1 ea. JD 160 Trackhoe, 1 ea. JCB Loader, 1 ea. Gradall forklift.

RMT

Project Name: IRM IBM B906
Project Number: 70925.05
Client: Schlumberger
Client Representative: Joe Ferguson

Daily Report

Date:	8/19/08	Daily Report #	003
Day of Wk:	Tuesday	Weather: A.M.- Cloudy, Light rain P.M.- Partly cloudy	
RMT Representative:	Bob Rydell		
Signature:	R. Rydell	Low Temp: 55˚	High Temp: 75˚

Personnel

Name	Position	Company	Hours	Daily Activity
Greg Mitchell	Project Mgr	RMT	2	See Summary
Bob Rydell	Const. Mgr	RMT	13	See Summary
Jeff DeWind	Site Mgr	DeWind	13	See Summary
Doug DeJongh	Operator	DeWind	13	See Summary
Mike DeGlopper	Operator	DeWind	13	See Summary
Jim VanOeffelen	Operator	DeWind	13	See Summary

Summary of Day's Work:

DeWind 100% mobilized to project.
Completed site set up. Began assembly of trencher. 75% complete.
Remaining 2 loads of iron delivered and staged. Iron delivery complete.
Began excavation of keyway.

Remarks

It appears that at least 50% of PRB trench will cross absorption field trenches.

Safety

Safety meeting held. No accidents or incidents.

Changes from Specification	None
Prime Contract Changes and/or extra work	None

Equipment on-site:

RMT = 1ea.- Pick up truck, 1 ea. Rental car, 2 ea. DataRam, 1 ea. PID.
DeWind = 3 ea. Support trucks and misc. equipment, 1 ea. MT 750 Trencher, 1 ea. JD 160 Trackhoe, 1 ea. JCB Loader, 1 ea. Gradall forklift.

RMT

Project Name: IRM IBM B906
Project Number: 70925.05
Client: Schlumberger
Client Representative: Joe Ferguson

Daily Report

Date:	8/20/08	Daily Report #	004
Day of Wk:	Wednesday	Weather: A.M.- Clear P.M.- Clear	
RMT Representative:	Bob Rydell		
Signature:	R. Rydell	Low Temp: 56˚	High Temp: 80˚

Personnel

Name	Position	Company	Hours	Daily Activity
Greg Mitchell	Project Mgr	RMT	11.5	See Summary
Bob Rydell	Const. Mgr	RMT	11.5	See Summary
Jeff DeWind	Site Mgr	DeWind	12.5	See Summary
Doug DeJongh	Operator	DeWind	12.5	See Summary
Mike DeGlopper	Operator	DeWind	12.5	See Summary
Jim VanOeffelen	Operator	DeWind	12.5	See Summary

Summary of Day's Work:

Completed assembly of trencher.
Continued excavation of keyway. Located and removed 1-18" stormdrain and 1-24" stormdrain from trench path.
Began trenching radius to vertical @ Sta. 02+40. Trenching stopped @ Sta. 02+30.

Remarks

Trenching stopped due to high water level creating a very fluid slurry which prevents PRB material from dropping into trench. Sand moisture content is also causing problems. DeWind feels that dewatering may be necessary. G. Mitchell is checking with J. Miller of NYSDEC about potential water release requirements.

Safety

Safety meeting held. No accidents or incidents.

Changes from Specification	None
Prime Contract Changes and/or extra work	None

Equipment on-site:

RMT = 1ea.- Pick up truck, 1 Rental car, 2 ea. DataRams, 1 ea. PID.
DeWind = 3 ea. Support trucks and misc. equipment, 1 ea. MT 750 Trencher, 1 ea. JD 160 Trackhoe, 1 ea. JCB Loader, 1 ea. Gradall forklift.

RMT

Project Name: IRM IBM B906
Project Number: 70925.05
Client: Schlumberger
Client Representative: Joe Ferguson

Daily Report

Date:	8/21/08	Daily Report #	005
Day of Wk:	Thursday	Weather: A.M.- Clear	
RMT Representative:	Bob Rydell	P.M.- Clear	
Signature:	R. Rydell	Low Temp: 56˚	High Temp: 82˚

Personnel

Name	Position	Company	Hours	Daily Activity
Greg Mitchell	Project Mgr	RMT	10.5	See Summary
Bob Rydell	Const. Mgr	RMT	10.5	See Summary
Jeff DeWind	Site Mgr	DeWind	10.5	See Summary
Doug DeJongh	Operator	DeWind	10.5	See Summary
Mike DeGlopper	Operator	DeWind	10.5	See Summary
Jim VanOeffelen	Operator	DeWind	10.5	See Summary

Summary of Day's Work:

Continued trenching @ Sta. 02+30. Trenching stopped @ Sta. 01+75. 55' completed today.

Remarks

Trench dried up sufficiently overnight enough to resume trenching.
Trenching is slow due to problems acquiring sand. The current vendor is the only supplier of DOT spec sand in the area. 2 loads of sand delivered.
Informed by J. Miller that dewatered fluids cannot be released without treatment.

Safety

Safety meeting held. No accidents or incidents.

Changes from Specification	None
Prime Contract Changes and/or extra work	None

Equipment on-site:

RMT = 1ea.- Pick up truck, 1 Rental car, 2 ea. DataRams, 1 ea. PID.
DeWind = 3 ea. Support trucks and misc. equipment, 1 ea. MT 750 Trencher, 1 ea. JD 160 Trackhoe, 1 ea. JCB Loader, 1 ea. Gradall forklift.

RMT

Project Name: IRM IBM B906
Project Number: 70925.05
Client: Schlumberger
Client Representative: Joe Ferguson

Daily Report

Date:	8/22/08	Daily Report #	006
Day of Wk:	Friday	Weather: A.M.- Clear P.M.- Clear	
RMT Representative:	Bob Rydell		
Signature:	R. Rydell	Low Temp: 54˚	High Temp: 82˚

Personnel

Name	Position	Company	Hours	Daily Activity
Greg Mitchell	Project Mgr	RMT	9	See Summary
Bob Rydell	Const. Mgr	RMT	10	See Summary
Jeff DeWind	Site Mgr	DeWind	10	See Summary
Doug DeJongh	Operator	DeWind	10	See Summary
Mike DeGlopper	Operator	DeWind	10	See Summary
Jim VanOeffelen	Operator	DeWind	10	See Summary

Summary of Day's Work:

Continued trenching @ Sta. 01+75. Trenching stopped @ Sta. 01+35. 40' completed today.
Restored stormdrains at Sta. 02+30 and 01+95.

Remarks

Trenching is slow due to continuing problems acquiring sand. Four (4) loads of sand delivered.
DeWind has convinced the sand vendor to operate his plant and deliver material exclusively to our project at an additional cost of $3,000.00 in order to complete the trench and subsurface work before forecasted rain on Monday.

Safety

Safety meeting held. No accidents. The trencher broke a hydraulic fitting. Approximately 0.25 cy of contaminated soil was cleaned up and bagged.

Changes from Specification	None
Prime Contract Changes and/or extra work	None

Equipment on-site:

RMT = 1ea.- Pick up truck, 1 Rental car, 2 ea. DataRams, 1 ea. PID.
DeWind = 3 ea. Support trucks and misc. equipment, 1 ea. MT 750 Trencher, 1 ea. JD 160 Trackhoe, 1 ea. JCB Loader, 1 ea. Gradall forklift.

RMT

Project Name: IRM IBM B906
Project Number: 70925.05
Client: Schlumberger
Client Representative: Joe Ferguson

Daily Report

Date:	8/23/08	Daily Report #	007
Day of Wk:	Saturday	Weather: A.M.- Clear P.M.- Clear	
RMT Representative:	Bob Rydell		
Signature:	R. Rydell	Low Temp: 60˚	High Temp: 81˚

Personnel

Name	Position	Company	Hours	Daily Activity
Greg Mitchell	Project Mgr	RMT	0	See Summary
Bob Rydell	Const. Mgr	RMT	12	See Summary
Jeff DeWind	Site Mgr	DeWind	12	See Summary
Doug DeJongh	Operator	DeWind	12	See Summary
Mike DeGlopper	Operator	DeWind	12	See Summary
Jim VanOeffelen	Operator	DeWind	12	See Summary

Summary of Day's Work:

Continued trenching @ Sta. 01+35. Trenching completed.
PRB wall completed.
As-built survey of PRB elevation completed.

Remarks

11 loads of sand delivered.
Sand vendor operated his plant and delivered material exclusively to our project at an additional cost of $3,000.00 in order to complete the trench and subsurface work before forecasted rain on Monday.

Safety

Safety meeting held. No accidents. The trencher broke a hydraulic hose. Approximately 0.25 cy of contaminated soil was cleaned up and bagged.

Changes from Specification	None
Prime Contract Changes and/or extra work	None

Equipment on-site:

RMT = 1ea.- Pick up truck, 1 Rental car, 2 ea. DataRams, 1 ea. PID.
DeWind = 3 ea. Support trucks and misc. equipment, 1 ea. MT 750 Trencher, 1 ea. JD 160 Trackhoe, 1 ea. JCB Loader, 1 ea. Gradall forklift.

RMT

Project Name: IRM IBM B906
Project Number: 70925.05
Client: Schlumberger
Client Representative: Joe Ferguson

Daily Report

Date:	8/24/08	Daily Report #	008
Day of Wk:	Sunday	Weather: A.M.- Cloudy P.M.- Clear	
RMT Representative:	Bob Rydell		
Signature:	R. Rydell	Low Temp: 61˚	High Temp: 82˚

Personnel

Name	Position	Company	Hours	Daily Activity
Greg Mitchell	Project Mgr	RMT	0	See Summary
Bob Rydell	Const. Mgr	RMT	12	See Summary
Jeff DeWind	Site Mgr	DeWind	12	See Summary
Doug DeJongh	Operator	DeWind	12	See Summary
Mike DeGlopper	Operator	DeWind	12	See Summary
Jim VanOeffelen	Operator	DeWind	12	See Summary

Summary of Day's Work:

Began disassembly, decon and loading trencher components for demobe.
Restored stormdrain @ Sta. 01+66.
Completed restoration of absorption field.
Began backfilling trench area to grade. 90% complete.
Prepared monitoring equipment for return shipment.

Remarks

None

Safety

Safety meeting held. No accidents. No incidents.

Changes from Specification	None
Prime Contract Changes and/or extra work	None

Equipment on-site:

RMT = 1ea.- Pick up truck, 2 ea. DataRams, 1 ea. PID.
DeWind = 3 ea. Support trucks and misc. equipment, 1 ea. MT 750 Trencher, 1 ea. JD 160 Trackhoe, 1 ea. JCB Loader, 1 ea. Gradall forklift.

RMT

Project Name: IRM IBM B906
Project Number: 70925.05
Client: Schlumberger
Client Representative: Joe Ferguson

Daily Report

Date:	8/25/08	Daily Report #	009
Day of Wk:	Monday	Weather: A.M.- Cloudy P.M.- Clear	
RMT Representative:	Bob Rydell		
Signature:	R. Rydell	Low Temp: 66˚	High Temp: 81˚

Personnel

Name	Position	Company	Hours	Daily Activity
Greg Mitchell	Project Mgr	RMT	0	See Summary
Bob Rydell	Const. Mgr	RMT	10	See Summary
Jeff DeWind	Site Mgr	DeWind	10	See Summary
Doug DeJongh	Operator	DeWind	10	See Summary
Mike DeGlopper	Operator	DeWind	10	See Summary
Jim VanOeffelen	Operator	DeWind	10	See Summary

Summary of Day's Work:

Completed disassembly, decon and loading trencher components for demobe.
Completed backfilling trench area to grade.
Completed grading site for seeding.
Completed equipment decon and loading.
Shipped monitoring equipment.

Remarks

Asphalt repair, seeding and demobilization are scheduled for 8/26.

Safety

Safety meeting held. No accidents. No incidents.

Changes from Specification	None
Prime Contract Changes and/or extra work	None

Equipment on-site:

RMT = 1ea.- Pick up truck, 2 ea. DataRams, 1 ea. PID.
DeWind = 3 ea. Support trucks and misc. equipment, 1 ea. MT 750 Trencher, 1 ea. JD 160 Trackhoe, 1 ea. JCB Loader, 1 ea. Gradall forklift.

RMT

Project Name: IRM IBM B906
Project Number: 70925.05
Client: Schlumberger
Client Representative: Joe Ferguson

Daily Report

Date:	8/26/08	Daily Report #	010
Day of Wk:	Tuesday	Weather: A.M.- P. Cloudy P.M.- Clear	
RMT Representative:	Bob Rydell		
Signature:	R. Rydell	Low Temp: 49˚	High Temp: 75˚

Personnel

Name	Position	Company	Hours	Daily Activity
Greg Mitchell	Project Mgr	RMT	0	See Summary
Bob Rydell	Const. Mgr	RMT	16	See Summary
Jeff DeWind	Site Mgr	DeWind	0	See Summary
Doug DeJongh	Operator	DeWind	8.5	See Summary
Mike DeGlopper	Operator	DeWind	7	See Summary
Jim VanOeffelen	Operator	DeWind	3	See Summary

Summary of Day's Work:

Completed asphalt repair of parking lot.
Completed seed,lime, fertilizer and straw mulch placement.
Project completed. Demobilized from site.

Remarks

None

Safety

Safety meeting held. No accidents. No incidents.

Changes from Specification	None
Prime Contract Changes and/or extra work	None

Equipment on-site:

RMT = 1ea.- Pick up truck, 2 ea. DataRams, 1 ea. PID.
DeWind = 3 ea. Support trucks and misc. equipment, 1 ea. MT 750 Trencher, 1 ea. JD 160 Trackhoe, 1 ea. JCB Loader, 1 ea. Gradall forklift.

RMT

Project Name: IRM IBM B906
Project Number: 70925.05
Client: Schlumberger
Client Representative: Joe Ferguson

Daily Report

Date:	8/27/08	Daily Report #	011
Day of Wk:	Wednesday	Weather: A.M.-	
RMT Representative:	Bob Rydell	P.M.-	
Signature:	R. Rydell	Low Temp: ˚	High Temp: ˚

Personnel

Name	Position	Company	Hours	Daily Activity
Greg Mitchell	Project Mgr	RMT	0	See Summary
Bob Rydell	Const. Mgr	RMT	12	See Summary
Jeff DeWind	Site Mgr	DeWind	0	See Summary
Doug DeJongh	Operator	DeWind	0	See Summary
Mike DeGlopper	Operator	DeWind	0	See Summary
Jim VanOeffelen	Operator	DeWind	0	See Summary

Summary of Day's Work:

Completed demobilization from site.

Remarks

None

Safety

Safety meeting held. No accidents. No incidents.

Changes from Specification	None
Prime Contract Changes and/or extra work	None

Equipment on-site:

RMT = 1ea.- Pick up truck
DeWind = None

Project # 00-70925.05 T2

Name ... RMT
... Schlumberger - IBM B.906 ...
Address . PRB installation .....
... Poughkeepsie, NY .....
Phone .....

Projects .....

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DT-0659

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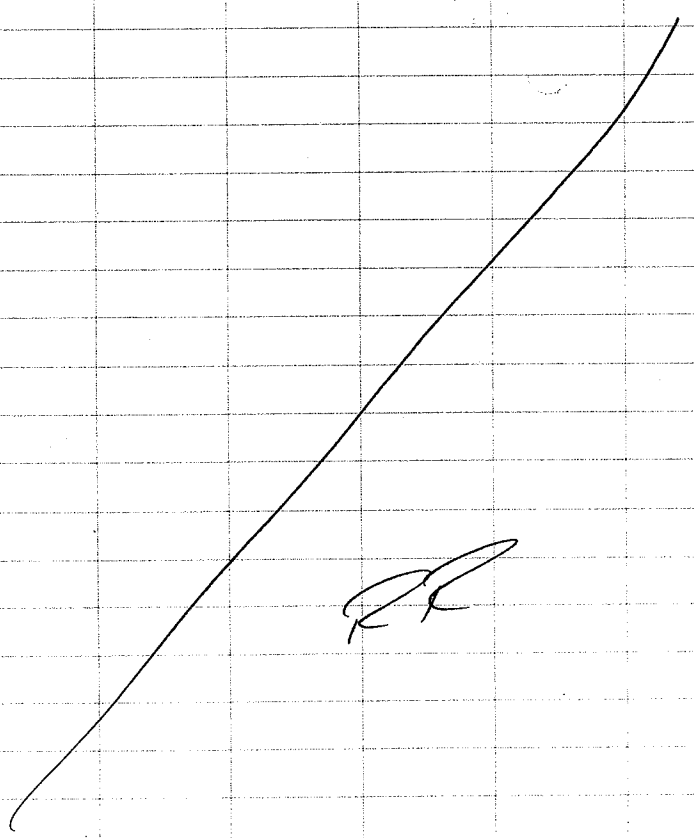
Meredith, N.H. 03253

70925.05
8/17/08

1300(cst) Departed Horn Lake, MS mobilizing to project.

2200(est) Arrived hotel in Abingdon, VA.



70925.05
8/18/08

0700 Departed hotel in Abingdon, VA.

1730 Arrived project site in Poughkeepsie, NY
Dewind has already left for the day.
JD 160 trackhoe, JCB 426 loader
and 8t forklift have been delivered.
Most of DeWind's equipment is
on site. Trencher platform is
scheduled to arrive 8/19. 3 loads
of iron have been delivered, staged
and tarped. Construction fence has
been installed in grass area.
Surveyors have staked trench
alignment with 25' offsets.

1800 Departed site for hotel.

1830 Arrived hotel

RR

DeWind Personnel

Jeff Dewind - Site Mgr/Op/Laborer
Doug DeToungh - Op/Laborer
Mike Deglopper - Op/Laborer
Jim Van Oeffelen - Op/Laborer

70925.05
8/19/08

Hi 77°
Lo 63°

0700 Arrived site, 3 from DeWind on site. The last 2 loads of iron have been delivered. DeWind is continuing site set up.

0815 Light rain began.

1000 Conference call - G. Mitchell, J. DeWind, B. Rydell. Discussed DeWind questions regarding PRB installation. DeWind must start trench beyond limits and radius down to vertical position.

1) Can sand be used as backfill in radius? Yes. But it must have iron as well to avoid a path of less restriction.

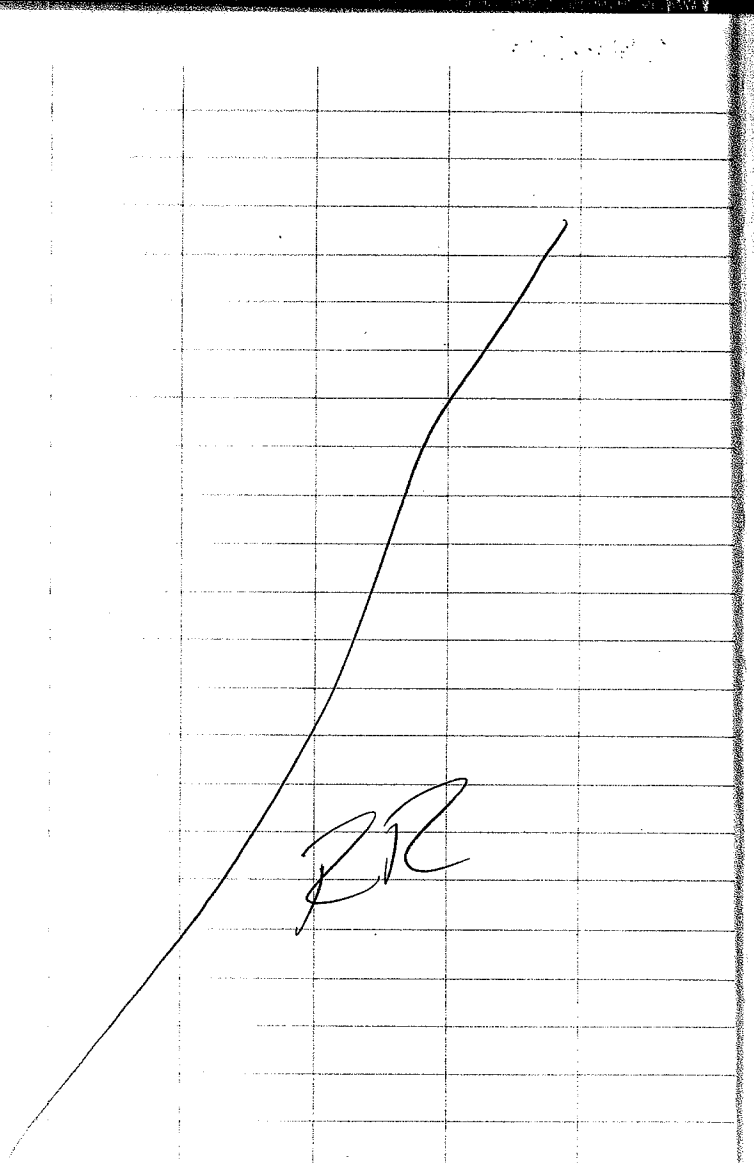
2) Iron volume? Maintain ≥20% throughout trench.

3) PRB elevation? 1'-2' above groundwater level.

4) Reduce Construction area limits? OK as long as access restriction is maintained.

5) Use of non-wire backed silt fence? No. Must meet design spec.

RR →



70925.05
8/19/08 (cont.)

1015 Trencher delivered for silt fence.

1045 Reminded J. DeWind of need for iron and sand certifications.

1200 Rain ended

1330 Silt fence erected. DeWind crew broke for lunch and to pick up something to secure fencing barricades

1430 Trencher picked up.

1440 DeWind back on site.

1510 Trencher platform on site.

1530 Began assembly of trencher.

1600 Silt fence completed. Began excavation of keyway.

1650 While excavating keyway, absorption field piping was found at sta. 02+00 (near N&S end of trench). It appears that at least 50% of the trench

RR →

70925.05
8/19/08 (cont.)

will be through the field. The pipe and surrounding gravel are dry. Pockets of shale have been found at 1.5' bgs. It appears to be loose and may have been backfill.

1800 All continues, G. Mitchell (RMT) arrived site.

2000 Keyway excavation is approx. 50% complete. Trencher assembly is 75% complete. Site is secured. All off site.

RR

RR

70925.05
8/20/08

Hi
Low

0730 BR on site. DeWind already on site with 4 people. DeWind is completing assembly of trencher.

0800 Trencher assembly completed. G. Mitchell on site.

0815 DeWind began locating storm drains.

0840 First drain located. It is 24" CMP just below the absorption field. The drain crosses the alignment at sta. 01+66.

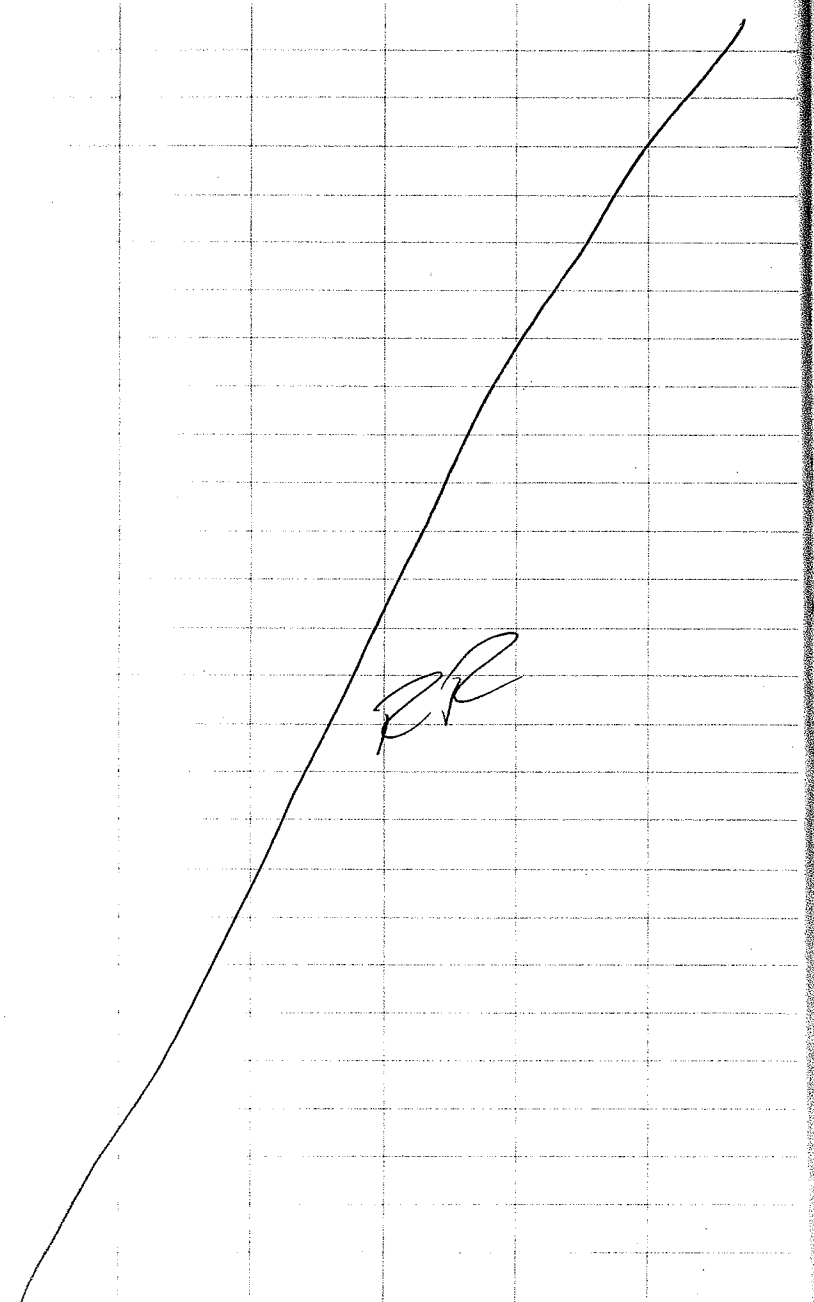
0900 BR off site to pick up supplies.

1000 BR on site. 2nd drain located at sta 02+30. It is 18" CMP.

1100 Storm drains have been removed from path and protected with non-woven Geotextile and plywood. Began preparing to trench.

RL

→



70925.05
8/20/08 (cont.)

1315 Completed set up of DataRams
Crew is preparing to begin trenching

1330 Completed calibration of PID.
First load of sand on site.
Began checking material excavated from keyway with PID. NYSDEC on site.

1350 PID reading of keyway material was 0.0-0.1 PPM. Same as background. 2nd load of sand on site.

1400 First 2 loads of sand mixed with 2 bags of iron each.

Began DataRam monitoring.

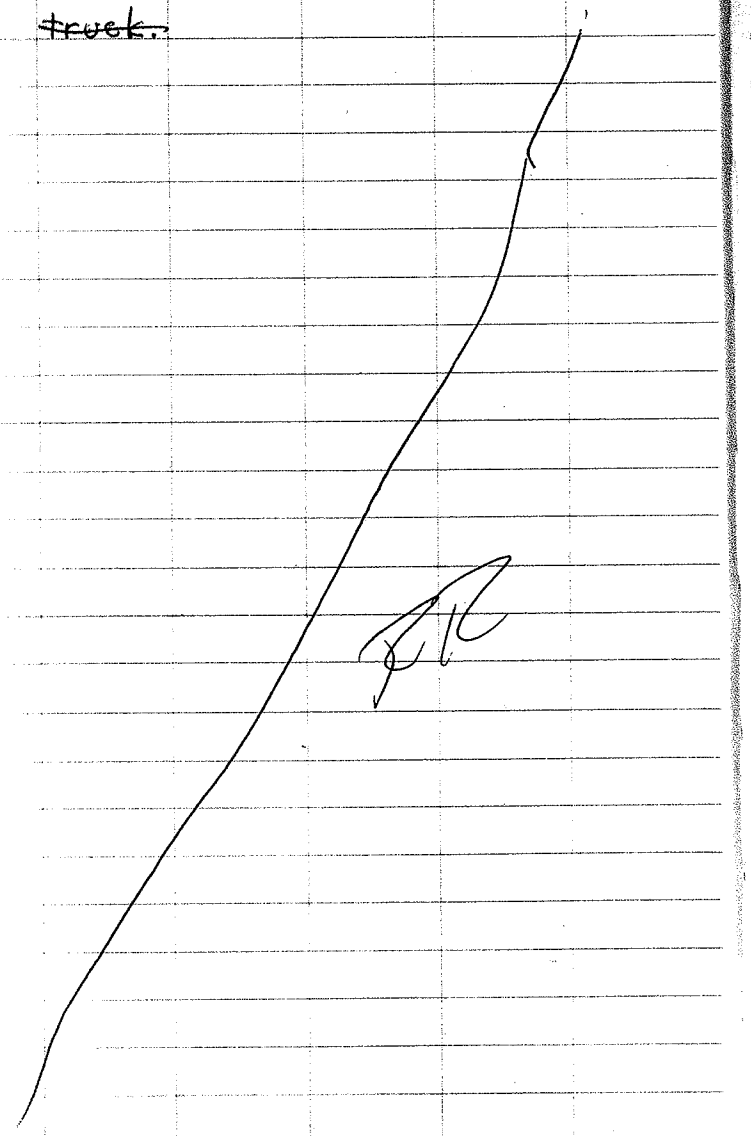
1430 Began trenching radius to vertical.

1530 Stopped trenching operation. A combination of problems have been encountered:
1) Moisture content of sand delivered is high. It has to be manually

RR →

~~8/20/08 (cont.)~~

~~pulled down the chute from the truck.~~



70925.05

8/20/08 (cont.)

pulled down the chute from the truck and it does not flow down into the trench.

2) Due to high groundwater levels the trenched material becomes a very fluid slurry which backfills the trench before the sand/iron mixture can drop into the void. PID @ Sta 02+40 = 0.5 ppm.

1615 NYSDEC off site.

1630 De Wind feels the solution is to dewater upgradient of the trench. G. Mitchell and I are not convinced it is the solution. We are attempting to find other alternatives.

1700 De Wind off site.

1730 Conference call with M. Shoaf, G. Mitchell and B. Rydell discussing situation.

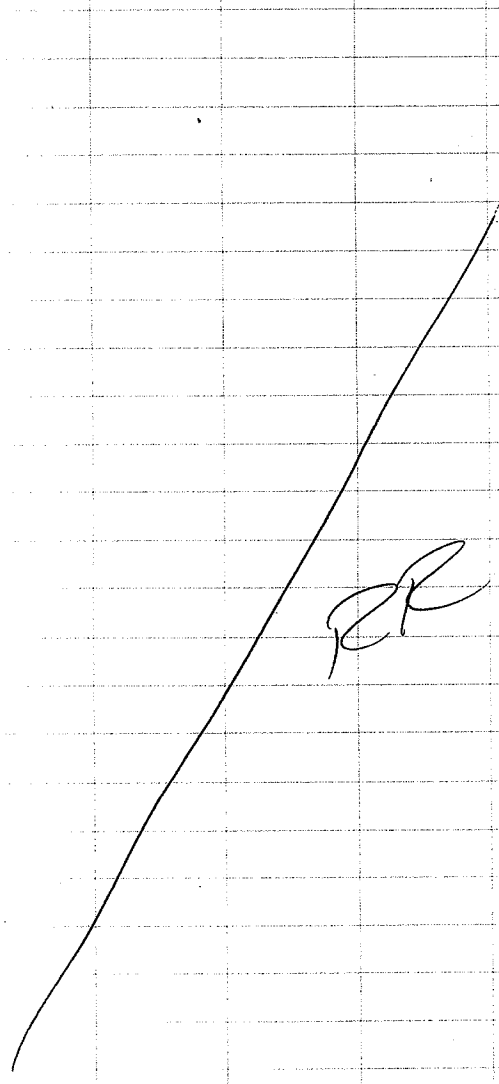
1800 Conferred with D. Diefendorf about dewatering and release potential. He does not feel enough water

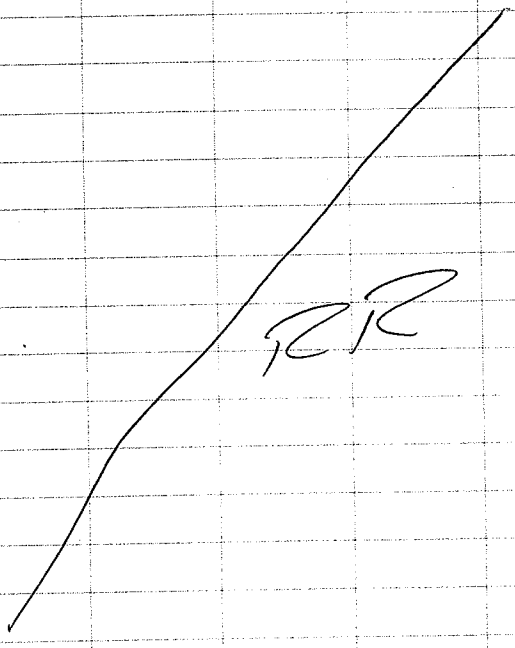
70925.05
8/20/08 (cont.)

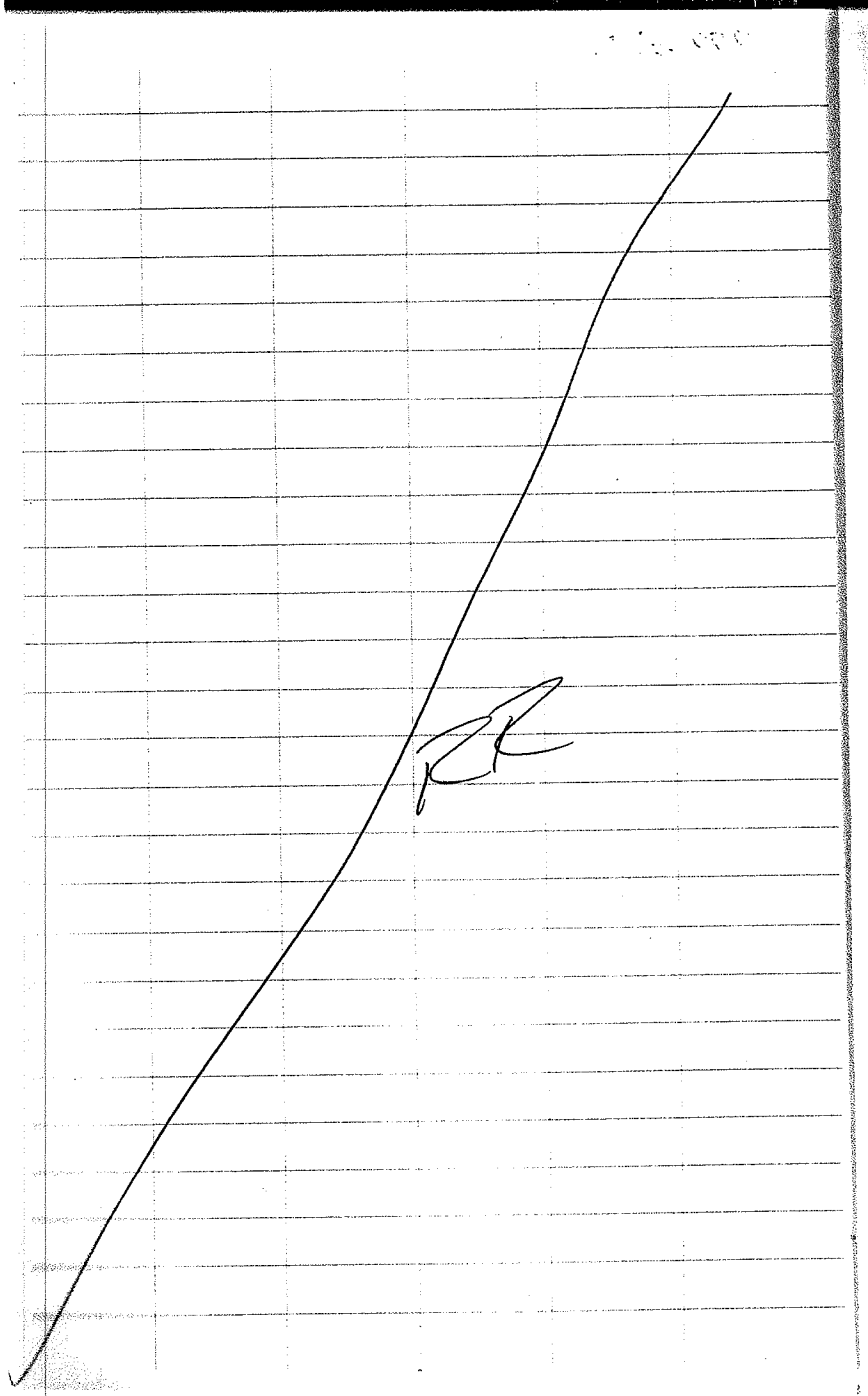
could be extracted to make a difference within a week or two. He also felt that NYSDEC would allow release of untreated water.

1830 J. Miller of NYSDEC returned call. G. Mitchell asked about possibility of direct release of extracted waters.

1900 BR & GM off site.







70925.05
8/21/08

0800 G. Mitchell & 4 from De Wind on site.

0815 B. Rydell on site. Recd call from M. Shoaf. It is agreed that DeWind has yet to pursue ~~to~~ all possible actions to remedy the situation.

0845 De Wind is still trying to locate drier sand. G. Mitchell received call from T. Miller of NYSDEC. They will not allow release of water without treatment.

1100 DeWind feels the trench may be drier than yesterday. Began attempt to continue trenching.

1115 Data Ram monitoring started.

1130 Trenching is proceeding slowly but well. The excavated soil is dry enough to stack up and PRB material is flowing into hopper. PID @ 0z+25 = 0.6 PPM.

→

RR

70975.05
8/21/08

1200 Trenching stopped due to inability to aquire sand until later today or tomorrow morning. PID @ 02+10 = 1.4 ppm, 00+95 = 0.6 ppm.

1500 2 loads of sand on site. Began mixing.

1515 Sand/iron mixture is flowing well from truck.

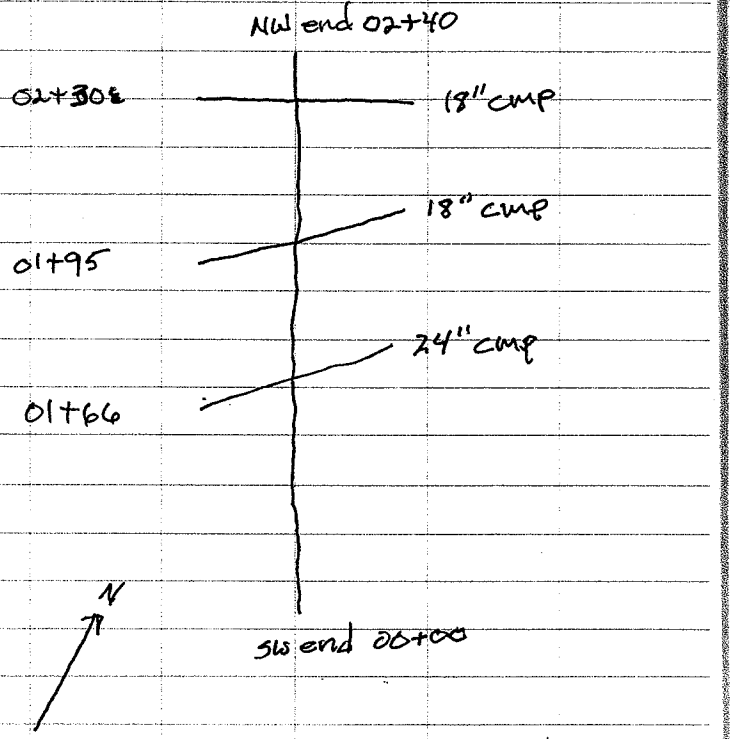
1530 Resumed trenching.

1630 Trenching stopped for the day ~~Dan~~ PID Reading Sta 01+75 = 2.0 ppm.

1730 Site secured. All off site.

8/22/08

Note: A third storm drain 18" in diameter was found crossing the trench alignment at Sta. 01+95.



RR

70925.05
8/22/08

0700 BR on site. 4 from DeWind on site. DeWind is mixing 1st load of sand.

0715 Began Data Ram monitoring.
8/20/08 Dev #1 - NE @ mid trench. Dev #2 - SW @ mid trench.
8/21/08 Dev #1 - NW @ trench end. Dev #2 - SE @ trench end.
8/22/08 Dev #1 - SE of trench end Dev #2 - NW of trench end.

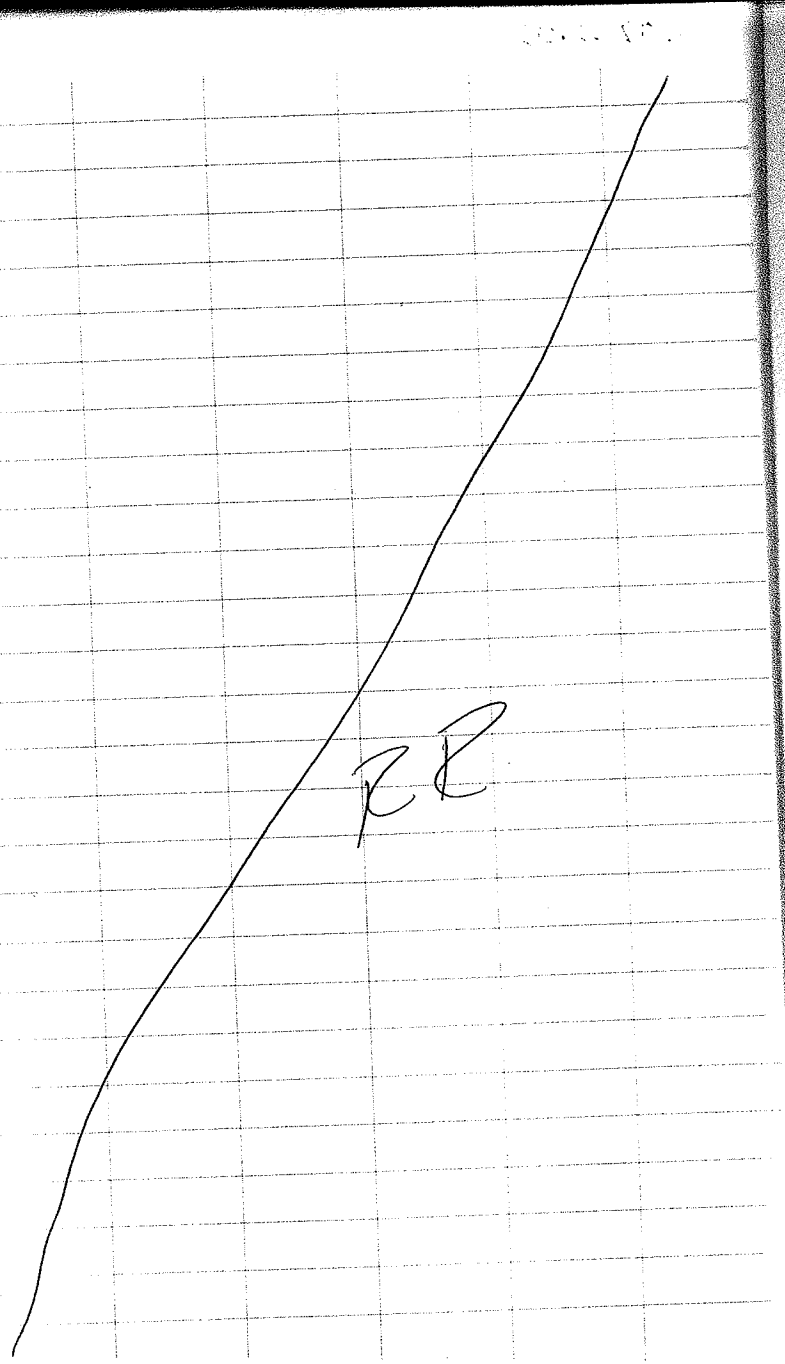
0730 Began trenching. PID calibrated. GM on site.

0745 Ended trenching. Sand supplier is unable to furnish truck until 11:00 am PID @ sta. 01+60 = 2.0 ppm. DeWind is restoring first 2 storm drains.

1030 Completed restoration of storm drains at NW end of trench 02+30 & 01+95.

1100 DeWind notified they will not get →

RR



70925.05
8/22/08 (cont.)

another sand load until 12:30.
2 from NYSDEC on site.

1130 DeWind break for lunch.

1205 2nd load of sand on site.

1240 Resumed trenching. Data Ram #1 battery has failed. It was in the upwind position. Continuing monitoring with #2 downwind.

1300 Stopped trenching. Waiting on next load.

1405 3rd load on site. 1 more load to come for the day. J. DeWind has convinced the batch plant to provide material tomorrow to finish the trench at an additional cost of $3,000.00. We will be exclusive and have no delays. When informed of the situation M. Shoaf has decided to split the additional cost with DeWind in order to facilitate completion of

→

70925.05
8/22/08 (cont.)

the subsurface work before the forecasted rain on Monday. which would have adverse complications due to the open absorption field and storm drain.

1445 Resumed trenching. 4TH load on site.

1455 Stopped trenching due to broken hydraulic fitting.

1510 PID @ Sta 01+45 = 0.0 PPM.

1535 Hydraulic leak has been reparred and contaminated soil cleaned up and bagged. Resumed trenching. GM off site.

1600 Ended trenching for the day. Approx. 135' remaining. NYSDEC off site.

1700 Site secured. All off site.

RR

70925.05
8/23/08

0700 BR and 4 from DeWind on site. Setting up and calibrating instruments.

0715 1ST truck on site. Began mixing

0720 2nd truck on site.

0725 Began Data Ram monitoring. Dev. #1 @ SE end, Dev. #2 @ NE end.

0745 Resumed trenching

0752 3rd truck on site.

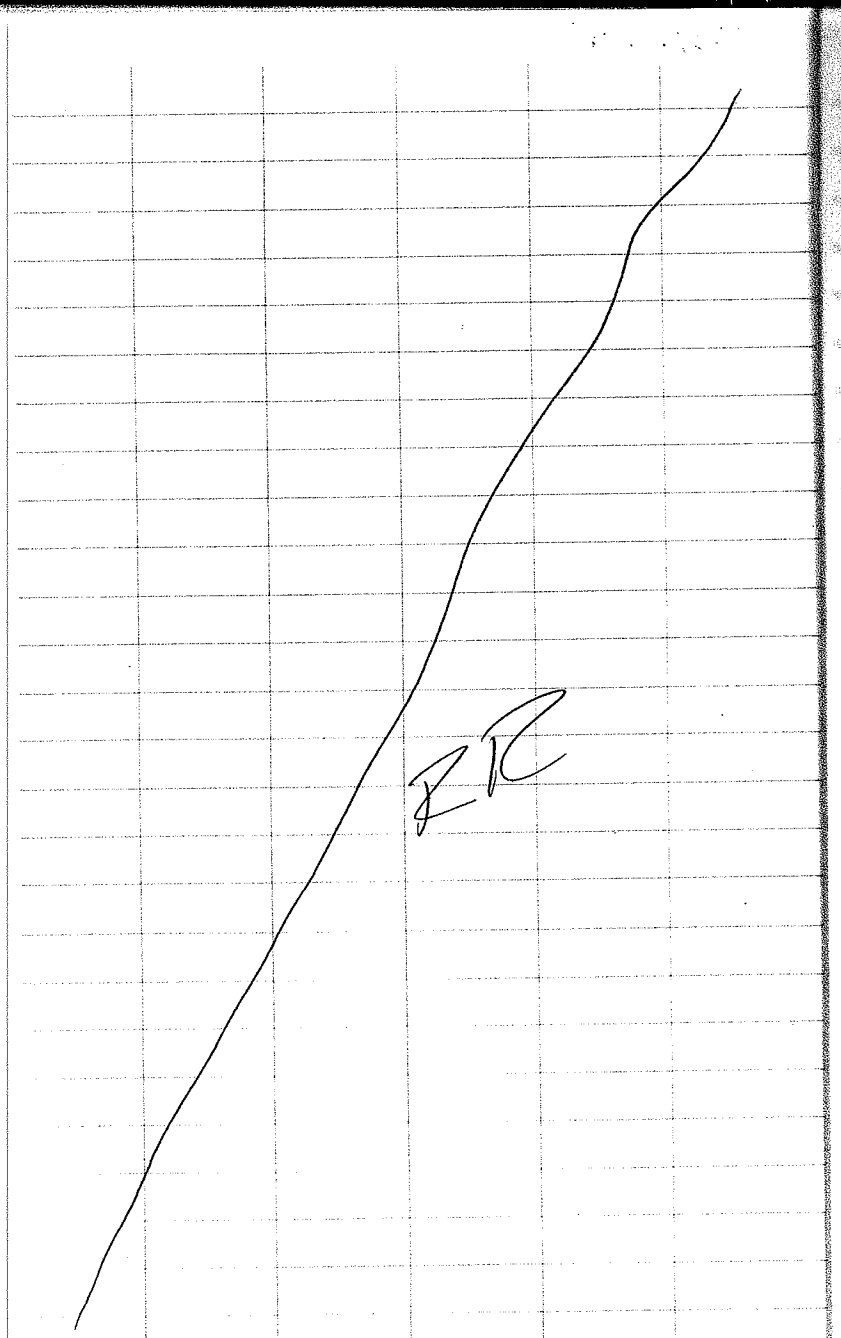
0815 NYSDEC (1) on site.

0823 4TH Truck on site.

0830 Trenching stopped. Blown hydraulic line on trencher @ 01+10.
PID @ 01+30 = 0.1 PPM
PID @ 01+15 = 0.3 PPM

0940 7TH Truck on site. Loads are being stockpile separately at different

RR →



70925.05
8/23/08 (cont.)

mixtures until trencher is back online. Hydraulic oil spilled cleaned up.

1000 8th truck on site. J. DeWind is off site to pick up a replacement hydraulic hose.

1022 9th truck on site.

1048 10th truck on site.

1115 J. DeWind on site with replacement hose.

1125 Trencher repair completed. Resumed trenching.

1210 Stopped trenching. Trencher has a small leak from a steel line.

1215 PID @ Stn 01+00 = 0.0 PPM.

1230 Resumed trenching. DeWind was able to bypass leaking section of line. No soil clean up was necessary.

RR →

70925.05
8/23/08 (cont.)

1320 Truck #11 on site.

1400 PID @ Sta. 00+85 = 0.0 PPM
1402 PID @ Sta. 00+70 = 0.0 PPM
1404 PID @ Sta. 00+55 = 0.0 PPM

1405 Trenching is going smoothly. Last load of iron has been mixed. Bedrock profile has been relatively accurate. Trencher has entered asphalt parking area.

1435 Stopped trenching to attach a screed plate on the shield to avoid using too much material.

1445 PID @ Sta. 00+40 = 0.0 PPM
NYSDEC off site.
1455 Resumed trenching to drop iron level.

1500 Stopped trenching.

1540 Screed attached. Resumed trenching

RR →

70925.05
8/23/08 (cont.)

1605 Stopped trenching to adjust screed lower.

1610 PID @ Sta. 00+25 = 0.0 PPM.

1615 Resumed trenching.

1630 Surveyor on site.

1640 Trenching & PRB completed.

1645 PID @ 00+10 = 0.0 PPM
PID @ 00+00 - 0.0 PPM

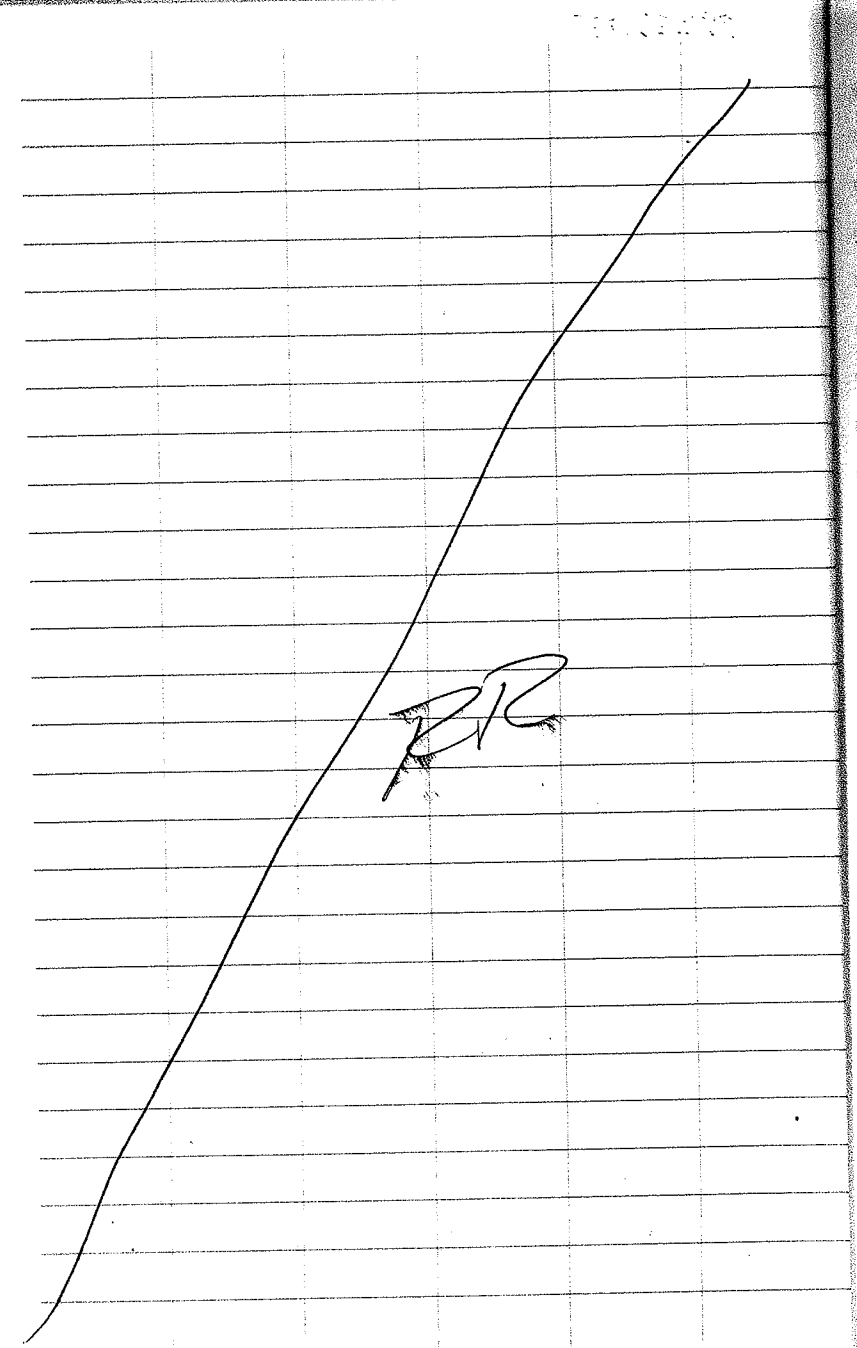
1700 Discontinued DataRam monitoring.

1746 Surveyor began shooting PRB as-built.

1840 Survey completed.

1845 Site secured. All off site.

RR



70925.05
8/24/08

0730 BR on site. U from De Wind on site. De Wind has broken down trencher and restored the last stormdrain at Sta 01+66.

0830 ~~Beggin~~ Beginning to decon trencher. Backfilling trench. to absorption field subgrade.

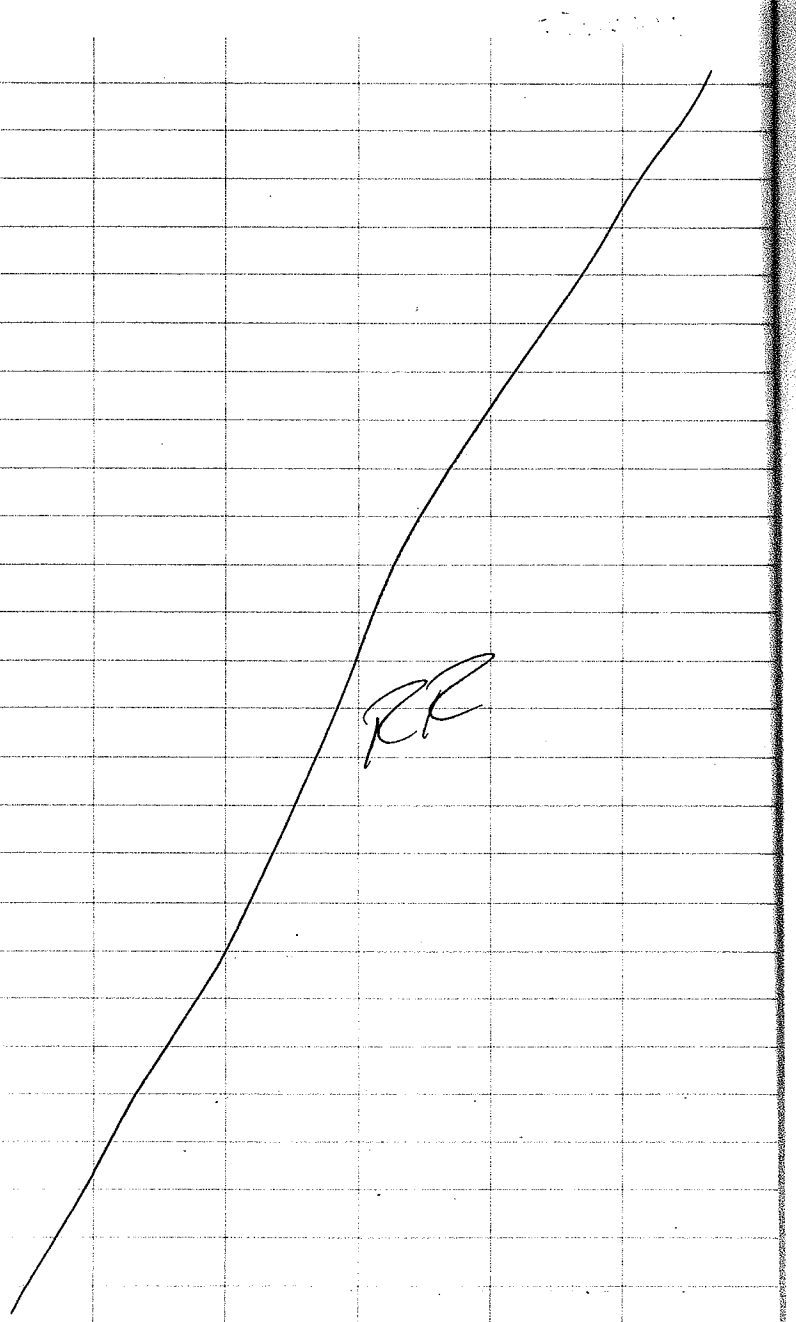
1000 Began restoration of 6 absorption field lines and 1 dry well feed line.

1500 Completed absorption field restoration. Backfilling trench to grade. Continuing trencher decon, loading clean components.

1800 All continues.

1900 Backfill of trench 90% completed. 1 trencher track remains to be washed. Site secured, All off site

TCR



70925.05
8/25/08

0700 BR on site. 4 from DeWind on site. Continuing backfill of trench area and decon of equipment.

1000 Site grading completed. Asphalt repair is scheduled for a.m. tomorrow. Began decon of trackhoe and Loader. Construction fence and signage have been removed.

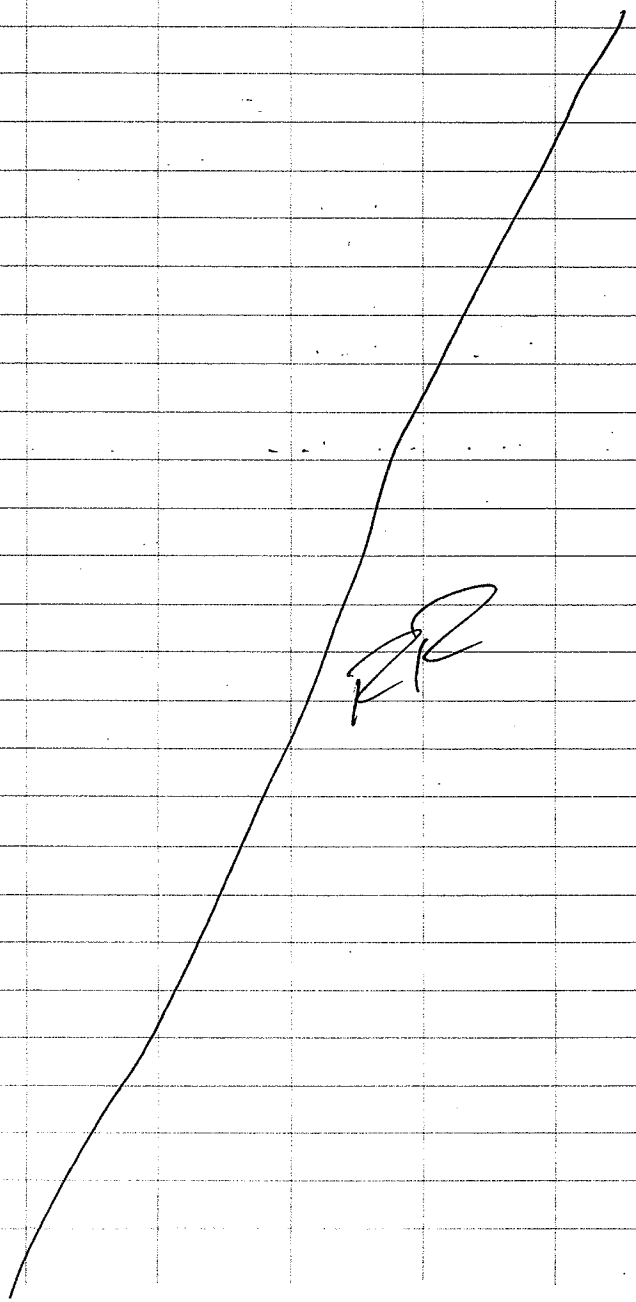
1130 Seeding is scheduled for a.m. Trackhoe & Loader decon completed. Crew is loading equipment in preparation for demobe in afternoon tomorrow.

1145 BR off-site to ship monitoring equipment.

1400 BR on site. All equipment is loaded on trucks ready for demobe. Crew is sweeping asphalt.

1600 Site secured. All off site.

RR



70925.05
8/26/08

0700 BR on site. 3 from DeWind on site. Waiting for landscaper and paver to arrive.

0745 (J.W. Smith & Pave Right Paving) on site to repair parking lot.

0815 Landscaper on site. (Brickman)

0930 Seed, lime and fertilizer have been spread. Began spreading straw mulch.

1145 Subgrade for asphalt graded & compacted. Began spreading base course.

1240 Base course completed. Began spreading finish course.

1330 Straw mulch completed.

1350 Asphalt repair completed. DeWind is remaining on site until trash dumpster is

RR →

70925.05
8/26/08 (cont.)

picked up. BR off site demobilizing from project.

1430 Received call from D. DeJongh. Trash dumpster has been picked up. Contaminated soil from spills was included in waste stream. The trackhoe and forklift will be picked up later today or tomorrow.
All off site. Project completed.

2330 BR arrived hotel in Troutville, VA.

70925.05

70925.05
8/27/08

0700 BR departed hotel in Troutville, VA.

1900 Arrived Horn Lake, MS. Demobilization completed.

Appendix D
Soil and Ambient Air Monitoring Logs

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D358 !   !"
"Device no. ", 1
"Tag Number ", 1
"Start Time ", 13:59:06
"Start Date ", 20-Aug-2008
"Log Period ", 00:15:00
"Number   ", 16
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", F
"Max MASS   ", 10.300620
"Max MASS @ ", 5 ,15:14:06 ,20-Aug-2008
"Avg MASS   ", 3.443200
"Max Diam   ", 0.330184
"Max Diam @ ", 10 ,16:29:06 ,20-Aug-2008
"Avg Diam   ", 0.308603
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1	3.8	83.4	39	0.3208	14:14:06	20-Aug-2008
2	7.7	84.7	36	0.2969	14:29:06	20-Aug-2008
3	5.5	86.0	35	0.3086	14:44:06	20-Aug-2008
4	3.6	87.0	33	0.3077	14:59:06	20-Aug-2008
5	10.3	87.6	33	0.3020	15:14:06	20-Aug-2008
6	2.5	88.0	33	0.3146	15:29:06	20-Aug-2008
7	2.4	88.1	32	0.3028	15:44:06	20-Aug-2008
8	2.3	87.7	32	0.3036	15:59:06	20-Aug-2008
9	2.0	87.9	33	0.3103	16:14:06	20-Aug-2008
10	2.4	88.2	32	0.3302	16:29:06	20-Aug-2008
11	2.0	88.2	32	0.3091	16:44:06	20-Aug-2008
12	1.9	88.6	31	0.2972	16:59:06	20-Aug-2008
13	2.0	87.8	31	0.3074	17:14:06	20-Aug-2008
14	2.2	86.9	33	0.3165	17:29:06	20-Aug-2008
15	2.2	86.5	32	0.3015	17:44:06	20-Aug-2008
16	2.3	86.1	35	0.3085	17:59:06	20-Aug-2008

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D358 !   !"
"Device no. ", 1
"Tag Number ", 2
"Start Time ", 11:35:30
"Start Date ", 21-Aug-2008
"Log Period ", 00:15:00
"Number   ", 18
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", F
"Max MASS   ", 50.429460
"Max MASS @ ", 1 ,11:50:30 ,21-Aug-2008
"Avg MASS   ", 10.551300
"Max Diam   ", 0.786033
"Max Diam @ ", 1 ,11:50:30 ,21-Aug-2008
"Avg Diam   ", 0.358751
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1,	50.4,	73.0,	44,	0.7860	,11:50:30	,21-Aug-2008
2,	10.9,	80.0,	43,	0.3367	,12:05:30	,21-Aug-2008
3,	13.2,	85.2,	38,	0.4323	,12:20:30	,21-Aug-2008
4,	5.5,	88.3,	35,	0.3038	,12:35:30	,21-Aug-2008
5,	4.6,	89.7,	33,	0.2961	,12:50:30	,21-Aug-2008
6,	4.0,	90.8,	31,	0.3030	,13:05:30	,21-Aug-2008
7,	3.6,	91.4,	29,	0.3133	,13:20:30	,21-Aug-2008
8,	3.3,	91.7,	29,	0.2949	,13:35:30	,21-Aug-2008
9,	3.5,	92.7,	29,	0.2971	,13:50:30	,21-Aug-2008
10,	3.4,	94.0,	29,	0.2741	,14:05:30	,21-Aug-2008
11,	3.9,	94.7,	29,	0.2871	,14:20:30	,21-Aug-2008
12,	3.9,	95.3,	28,	0.2956	,14:35:30	,21-Aug-2008
13,	3.8,	95.6,	29,	0.2822	,14:50:30	,21-Aug-2008
14,	14.6,	95.7,	28,	0.4236	,15:05:30	,21-Aug-2008
15,	12.4,	95.5,	29,	0.3812	,15:20:30	,21-Aug-2008
16,	10.2,	95.5,	29,	0.3644	,15:35:30	,21-Aug-2008
17,	22.5,	96.1,	29,	0.4185	,15:50:30	,21-Aug-2008
18,	16.3,	97.0,	28,	0.3678	,16:05:30	,21-Aug-2008

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D358 !   !"
"Device no. ", 1
"Tag Number ", 3
"Start Time ", 07:24:57
"Start Date ", 22-Aug-2008
"Log Period ", 00:15:00
"Number   ", 16
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", F
"Max MASS   ", 49.186370
"Max MASS @ ", 8 ,09:24:57 ,22-Aug-2008
"Avg MASS   ", 13.953040
"Max Diam   ", 0.607429
"Max Diam @ ", 3 ,08:09:57 ,22-Aug-2008
"Avg Diam   ", 0.290093
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1,	13.6,	65.8,	47,	0.2900	,07:39:57	,22-Aug-2008
2,	11.2,	66.4,	59,	0.4709	,07:54:57	,22-Aug-2008
3,	11.2,	68.4,	61,	0.6074	,08:09:57	,22-Aug-2008
4,	11.7,	71.1,	61,	0.5192	,08:24:57	,22-Aug-2008
5,	14.6,	73.9,	59,	0.4631	,08:39:57	,22-Aug-2008
6,	12.4,	76.7,	57,	0.3291	,08:54:57	,22-Aug-2008
7,	11.8,	78.7,	53,	0.2848	,09:09:57	,22-Aug-2008
8,	49.2,	79.9,	52,	0.2461	,09:24:57	,22-Aug-2008
9,	10.8,	81.6,	50,	0.2175	,09:39:57	,22-Aug-2008
10,	10.7,	83.3,	48,	0.2085	,09:54:57	,22-Aug-2008
11,	10.8,	84.7,	46,	0.1734	,10:09:57	,22-Aug-2008
12,	11.0,	86.1,	44,	0.1785	,10:24:57	,22-Aug-2008
13,	11.0,	87.2,	43,	0.1634	,10:39:57	,22-Aug-2008
14,	11.5,	87.9,	42,	0.1699	,10:54:57	,22-Aug-2008
15,	11.0,	89.0,	41,	0.1656	,11:09:57	,22-Aug-2008
16,	10.8,	90.1,	40,	0.1541	,11:24:57	,22-Aug-2008

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D358 !   !"
"Device no. ", 1
"Tag Number ", 4
"Start Time ", 07:22:20
"Start Date ", 23-Aug-2008
"Log Period ", 00:15:00
"Number   ", 38
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", F
"Max MASS   ", 12.307300
"Max MASS @ ", 1 ,07:37:20 ,23-Aug-2008
"Avg MASS   ", 6.141500
"Max Diam   ", 4.053845
"Max Diam @ ", 2 ,07:52:20 ,23-Aug-2008
"Avg Diam   ", 0.719873
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1,	12.3,	61.5,	56,	0.6675	,07:37:20	,23-Aug-2008
2,	10.6,	63.7,	65,	4.0538	,07:52:20	,23-Aug-2008
3,	11.2,	67.0,	65,	3.6781	,08:07:20	,23-Aug-2008
4,	9.0,	70.0,	63,	2.7886	,08:22:20	,23-Aug-2008
5,	10.1,	72.9,	61,	1.2932	,08:37:20	,23-Aug-2008
6,	10.1,	75.0,	59,	1.3934	,08:52:20	,23-Aug-2008
7,	10.9,	77.0,	58,	0.8436	,09:07:20	,23-Aug-2008
8,	11.2,	78.7,	56,	0.7804	,09:22:20	,23-Aug-2008
9,	9.8,	80.0,	54,	0.7721	,09:37:20	,23-Aug-2008
10,	5.9,	81.4,	52,	0.6220	,09:52:20	,23-Aug-2008
11,	5.4,	82.4,	50,	0.4964	,10:07:20	,23-Aug-2008
12,	4.6,	83.6,	48,	0.4507	,10:22:20	,23-Aug-2008
13,	4.4,	84.5,	46,	0.4211	,10:37:20	,23-Aug-2008
14,	4.5,	85.1,	44,	0.4123	,10:52:20	,23-Aug-2008
15,	5.1,	85.8,	43,	0.3963	,11:07:20	,23-Aug-2008
16,	5.2,	86.2,	41,	0.4094	,11:22:20	,23-Aug-2008
17,	4.9,	86.3,	40,	0.3688	,11:37:20	,23-Aug-2008
18,	5.3,	86.2,	40,	0.4058	,11:52:20	,23-Aug-2008
19,	5.9,	86.1,	41,	0.3517	,12:07:20	,23-Aug-2008
20,	6.3,	85.7,	41,	0.4007	,12:22:20	,23-Aug-2008
21,	6.7,	85.1,	40,	0.3875	,12:37:20	,23-Aug-2008
22,	7.1,	84.7,	40,	0.3846	,12:52:20	,23-Aug-2008
23,	7.0,	84.3,	41,	0.4360	,13:07:20	,23-Aug-2008
24,	5.4,	84.1,	40,	0.3847	,13:22:20	,23-Aug-2008
25,	4.4,	84.1,	38,	0.4314	,13:37:20	,23-Aug-2008
26,	5.1,	84.3,	37,	0.3909	,13:52:20	,23-Aug-2008
27,	5.2,	84.6,	37,	0.3558	,14:07:20	,23-Aug-2008
28,	4.2,	85.3,	36,	0.3372	,14:22:20	,23-Aug-2008
29,	4.7,	86.3,	35,	0.3656	,14:37:20	,23-Aug-2008
30,	1.5,	87.1,	33,	0.3458	,14:52:20	,23-Aug-2008
31,	1.9,	87.7,	30,	0.3457	,15:07:20	,23-Aug-2008
32,	2.8,	88.8,	31,	0.3415	,15:22:20	,23-Aug-2008
33,	3.1,	89.6,	32,	0.3094	,15:37:20	,23-Aug-2008
34,	3.4,	90.4,	32,	0.3251	,15:52:20	,23-Aug-2008
35,	4.2,	90.9,	33,	0.3222	,16:07:20	,23-Aug-2008
36,	4.5,	91.4,	33,	0.2968	,16:22:20	,23-Aug-2008
37,	4.7,	91.7,	33,	0.3020	,16:37:20	,23-Aug-2008
38,	4.7,	91.8,	34,	0.2873	,16:52:20	,23-Aug-2008

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D292   "
"Device no. ", 2
"Tag Number ", 1
"Start Time ", 14:03:11
"Start Date ", 20-Aug-2008
"Log Period ", 00:15:00
"Number   ", 16
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", F
"Max MASS   ", 8.699334
"Max MASS @ ", 3 ,14:48:11 ,20-Aug-2008
"Avg MASS   ", 3.312484
"Max Diam   ", 0.296121
"Max Diam @ ", 7 ,15:48:11 ,20-Aug-2008
"Avg Diam   ", 0.273101
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 150.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1	4.1	84.0	38	0.2534	,14:18:11	,20-Aug-2008
2	5.0	85.6	36	0.2378	,14:33:11	,20-Aug-2008
3	8.7	86.7	34	0.2133	,14:48:11	,20-Aug-2008
4	2.9	87.7	33	0.2703	,15:03:11	,20-Aug-2008
5	3.7	88.7	32	0.2506	,15:18:11	,20-Aug-2008
6	3.3	88.9	32	0.2775	,15:33:11	,20-Aug-2008
7	2.5	88.8	32	0.2961	,15:48:11	,20-Aug-2008
8	2.4	88.3	32	0.2839	,16:03:11	,20-Aug-2008
9	5.0	88.8	32	0.2687	,16:18:11	,20-Aug-2008
10	2.3	88.8	32	0.2857	,16:33:11	,20-Aug-2008
11	2.2	88.9	31	0.2952	,16:48:11	,20-Aug-2008
12	2.3	88.9	31	0.2946	,17:03:11	,20-Aug-2008
13	2.0	88.0	32	0.2871	,17:18:11	,20-Aug-2008
14	2.2	87.3	33	0.2820	,17:33:11	,20-Aug-2008
15	2.1	87.0	33	0.2778	,17:48:11	,20-Aug-2008
16	2.4	86.0	34	0.2957	,18:03:11	,20-Aug-2008

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D292   "
"Device no. ", 2
"Tag Number ", 2
"Start Time ", 11:32:50
"Start Date ", 21-Aug-2008
"Log Period ", 00:15:00
"Number   ", 19
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", F
"Max MASS   ", 18.750110
"Max MASS @ ", 16 ,15:32:50 ,21-Aug-2008
"Avg MASS   ", 4.750067
"Max Diam   ", 0.285027
"Max Diam @ ", 9 ,13:47:50 ,21-Aug-2008
"Avg Diam   ", 0.259442
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 150.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1	4.9	73.5	43	0.2563	11:47:50	21-Aug-2008
2	3.9	79.8	42	0.2472	12:02:50	21-Aug-2008
3	5.4	84.0	39	0.2387	12:17:50	21-Aug-2008
4	3.9	87.3	36	0.2589	12:32:50	21-Aug-2008
5	3.7	89.4	33	0.2684	12:47:50	21-Aug-2008
6	3.0	90.9	31	0.2632	13:02:50	21-Aug-2008
7	2.4	91.4	29	0.2778	13:17:50	21-Aug-2008
8	2.4	91.9	28	0.2806	13:32:50	21-Aug-2008
9	2.8	93.3	28	0.2850	13:47:50	21-Aug-2008
10	2.6	94.4	28	0.2804	14:02:50	21-Aug-2008
11	2.6	95.2	28	0.2687	14:17:50	21-Aug-2008
12	2.6	96.0	28	0.2626	14:32:50	21-Aug-2008
13	2.9	96.0	28	0.2622	14:47:50	21-Aug-2008
14	5.9	95.4	28	0.2515	15:02:50	21-Aug-2008
15	3.9	94.4	28	0.2288	15:17:50	21-Aug-2008
16	18.8	94.2	29	0.2386	15:32:50	21-Aug-2008
17	12.3	94.8	29	0.2471	15:47:50	21-Aug-2008
18	3.2	95.3	28	0.2533	16:02:50	21-Aug-2008
19	2.9	95.2	29	0.2601	16:17:50	21-Aug-2008

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D292   "
"Device no. ", 2
"Tag Number ", 3
"Start Time ", 07:13:38
"Start Date ", 22-Aug-2008
"Log Period ", 00:15:00
"Number   ", 37
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", F
"Max MASS   ", 18.607950
"Max MASS @ ", 22 ,12:43:38 ,22-Aug-2008
"Avg MASS   ", 8.758774
"Max Diam   ", 0.344110
"Max Diam @ ", 4 ,08:13:38 ,22-Aug-2008
"Avg Diam   ", 0.146390
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 150.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1,	6.2,	70.0,	45,	0.1851	,07:28:38	,22-Aug-2008
2,	8.0,	67.6,	55,	0.1761	,07:43:38	,22-Aug-2008
3,	10.0,	66.4,	61,	0.2991	,07:58:38	,22-Aug-2008
4,	11.6,	67.8,	64,	0.3441	,08:13:38	,22-Aug-2008
5,	11.4,	70.8,	64,	0.2683	,08:28:38	,22-Aug-2008
6,	12.1,	74.1,	62,	0.1920	,08:43:38	,22-Aug-2008
7,	12.2,	77.4,	59,	0.1388	,08:58:38	,22-Aug-2008
8,	11.6,	79.9,	55,	0.1438	,09:13:38	,22-Aug-2008
9,	8.6,	81.9,	53,	0.1184	,09:28:38	,22-Aug-2008
10,	9.7,	84.2,	50,	0.1109	,09:43:38	,22-Aug-2008
11,	10.4,	86.3,	48,	0.1070	,09:58:38	,22-Aug-2008
12,	7.8,	87.9,	45,	0.1044	,10:13:38	,22-Aug-2008
13,	11.0,	89.9,	43,	0.0856	,10:28:38	,22-Aug-2008
14,	9.2,	91.0,	41,	0.0778	,10:43:38	,22-Aug-2008
15,	7.8,	92.3,	40,	0.0935	,10:58:38	,22-Aug-2008
16,	7.4,	93.7,	39,	0.0937	,11:13:38	,22-Aug-2008
17,	7.3,	95.0,	38,	0.0950	,11:28:38	,22-Aug-2008
18,	7.1,	95.7,	36,	0.0998	,11:43:38	,22-Aug-2008
19,	6.5,	96.3,	34,	0.1136	,11:58:38	,22-Aug-2008
20,	6.5,	96.8,	33,	0.1151	,12:13:38	,22-Aug-2008
21,	15.3,	97.2,	33,	0.0978	,12:28:38	,22-Aug-2008
22,	18.6,	97.8,	33,	0.1051	,12:43:38	,22-Aug-2008
23,	13.5,	98.2,	32,	0.1132	,12:58:38	,22-Aug-2008
24,	6.1,	98.7,	32,	0.1353	,13:13:38	,22-Aug-2008
25,	5.9,	99.7,	31,	0.1335	,13:28:38	,22-Aug-2008
26,	6.2,	99.9,	31,	0.1308	,13:43:38	,22-Aug-2008
27,	5.6,	100.0,	32,	0.1442	,13:58:38	,22-Aug-2008
28,	4.9,	101.1,	31,	0.1747	,14:13:38	,22-Aug-2008
29,	5.1,	101.9,	30,	0.1697	,14:28:38	,22-Aug-2008
30,	9.2,	102.3,	30,	0.1586	,14:43:38	,22-Aug-2008
31,	7.1,	102.5,	28,	0.1486	,14:58:38	,22-Aug-2008
32,	5.6,	102.5,	28,	0.1815	,15:13:38	,22-Aug-2008
33,	6.1,	102.7,	28,	0.1699	,15:28:38	,22-Aug-2008
34,	7.7,	102.9,	28,	0.1576	,15:43:38	,22-Aug-2008
35,	8.3,	102.6,	28,	0.1323	,15:58:38	,22-Aug-2008
36,	8.5,	102.2,	28,	0.1403	,16:13:38	,22-Aug-2008
37,	8.2,	101.2,	28,	0.1614	,16:28:38	,22-Aug-2008

"Model Number", "DataRAM 4 ", 104
"Serial no. ", "D292   "
"Device no. ", 2
"Tag Number ", 4
"Start Time ", 07:28:31
"Start Date ", 23-Aug-2008
"Log Period ", 00:15:00
"Number   ", 38
"CalFactor   ", 1.000000
"Unit   ", 0
"Unit Name   ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", F
"Max MASS   ", 14.300760
"Max MASS @ ", 3 ,08:13:31 ,23-Aug-2008
"Avg MASS   ", 7.623251
"Max Diam   ", 0.379879
"Max Diam @ ", 3 ,08:13:31 ,23-Aug-2008
"Avg Diam   ", 0.193596
"ALARM   ", "DISABLED"
"ALARM_LEVEL ", 150.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors   ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1	8.9	62.6	49	0.1504	07:43:31	23-Aug-2008
2	13.1	62.3	63	0.2583	07:58:31	23-Aug-2008
3	14.3	64.4	68	0.3799	08:13:31	23-Aug-2008
4	13.5	67.9	68	0.3646	08:28:31	23-Aug-2008
5	13.1	71.3	65	0.2632	08:43:31	23-Aug-2008
6	11.4	74.0	63	0.2220	08:58:31	23-Aug-2008
7	11.4	77.0	60	0.1780	09:13:31	23-Aug-2008
8	10.3	79.6	57	0.1602	09:28:31	23-Aug-2008
9	9.5	81.7	54	0.1551	09:43:31	23-Aug-2008
10	7.8	83.5	52	0.1753	09:58:31	23-Aug-2008
11	6.3	85.0	49	0.1944	10:13:31	23-Aug-2008
12	6.3	87.0	47	0.2056	10:28:31	23-Aug-2008
13	5.7	88.7	44	0.1974	10:43:31	23-Aug-2008
14	5.2	90.1	42	0.2023	10:58:31	23-Aug-2008
15	5.3	91.5	40	0.1920	11:13:31	23-Aug-2008
16	6.2	92.6	38	0.1857	11:28:31	23-Aug-2008
17	8.2	93.6	36	0.1678	11:43:31	23-Aug-2008
18	6.9	94.4	35	0.1510	11:58:31	23-Aug-2008
19	6.3	95.2	35	0.1655	12:13:31	23-Aug-2008
20	5.8	95.7	34	0.1673	12:28:31	23-Aug-2008
21	6.2	96.4	33	0.1634	12:43:31	23-Aug-2008
22	9.6	96.9	32	0.1451	12:58:31	23-Aug-2008
23	6.8	96.6	32	0.1559	13:13:31	23-Aug-2008
24	10.9	95.9	31	0.1399	13:28:31	23-Aug-2008
25	9.9	96.5	30	0.1629	13:43:31	23-Aug-2008
26	10.8	97.4	29	0.1489	13:58:31	23-Aug-2008
27	6.5	97.7	29	0.1704	14:13:31	23-Aug-2008
28	4.5	97.3	28	0.1939	14:28:31	23-Aug-2008
29	5.2	97.4	28	0.1952	14:43:31	23-Aug-2008
30	3.5	97.7	26	0.2292	14:58:31	23-Aug-2008
31	3.8	97.8	25	0.2293	15:13:31	23-Aug-2008
32	3.9	98.0	27	0.2233	15:28:31	23-Aug-2008
33	5.3	98.0	27	0.1809	15:43:31	23-Aug-2008
34	4.9	97.9	28	0.1930	15:58:31	23-Aug-2008
35	4.6	97.1	29	0.1908	16:13:31	23-Aug-2008
36	5.3	96.4	31	0.1721	16:28:31	23-Aug-2008
37	7.5	96.3	31	0.1594	16:43:31	23-Aug-2008
38	5.2	95.4	32	0.1669	16:58:31	23-Aug-2008

Soil Monitoring Log

Client: Schlumberger Technology Corporation
Project: IRM IBM B906
Project #: 00-70925.05 T2

Client Rep: Joe Ferguson
Location: Poughkeepsie, NY

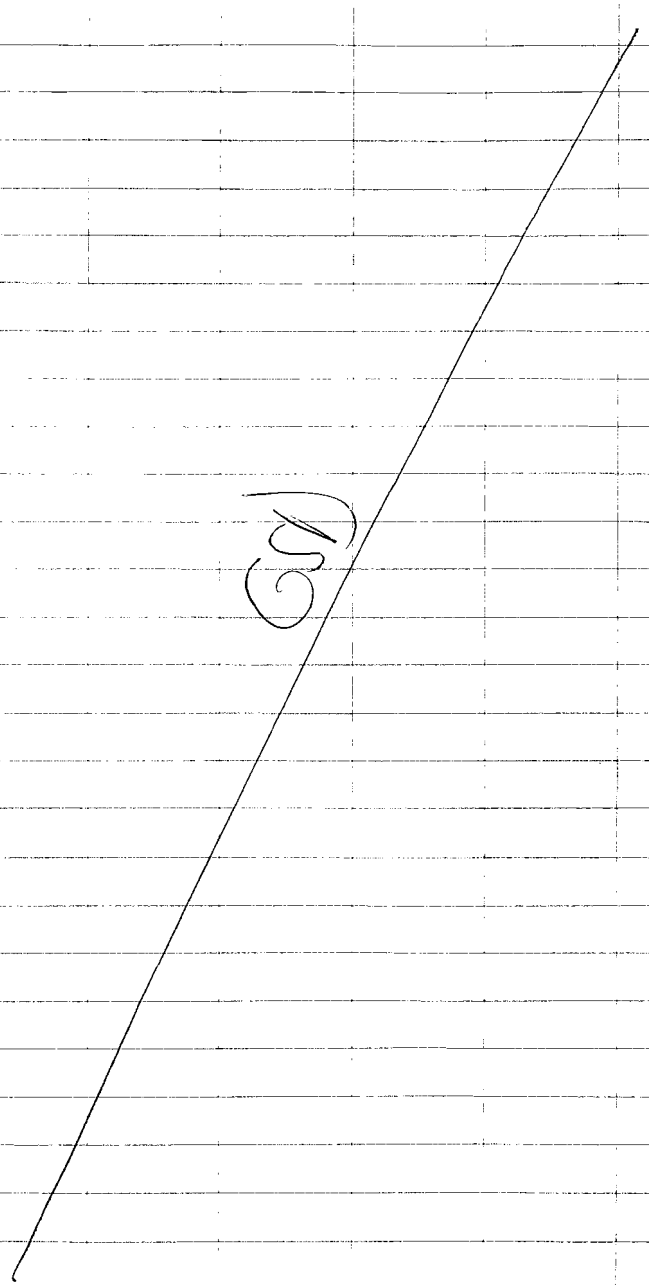
Description: Monitoring of trench spoils from PRB installation.

Test equipment: MiniRae 2000

Calibration	Date	Time
	08/20/08	13:30
	08/21/08	11:15
	08/22/08	7:30
	08/23/08	7:15

Sample #	Date	Time	Location	Result (ppm)
1	08/20/08	13:50	Keyway stockpile	0.0 - 0.1
2	08/20/08	14:00	Ambient air	0.0
3	08/20/08	15:30	Trench Sta. 02+40	0.5
4	08/21/08	11:25	Ambient air	0.0
5	08/21/08	11:30	Trench Sta. 02+25	0.6
6	08/21/08	11:55	Trench Sta. 02+10	1.4
7	08/21/08	12:00	Trench Sta. 01+95	0.6
8	08/21/08	16:30	Trench Sta. 01+75	2.0
9	08/22/08	7:40	Ambient air	0.0
10	08/22/08	7:45	Trench Sta. 01+60	2.0
11	08/22/08	15:10	Trench Sta. 01+45	0.0
12	08/23/08	7:30	Ambient air	0.0
13	08/23/08	8:25	Trench Sta. 01+30	0.1
14	08/23/08	8:30	Trench Sta. 01+15	0.3
15	08/23/08	12:15	Trench Sta. 01+00	0.0
16	08/23/08	14:00	Trench Sta. 00+85	0.0
17	08/23/08	14:02	Trench Sta. 00+70	0.0
18	08/23/08	14:04	Trench Sta. 00+55	0.0
19	08/23/08	14:45	Trench Sta. 00+40	0.0
20	08/23/08	16:10	Trench Sta. 00+25	0.0
21	08/23/08	16:45	Trench Sta. 00+10	0.0
22	08/23/08	16:46	Trench Sta. 00+00	0.0
23				
24				

Appendix E
Monitoring Well Field Notes, Well Construction Diagrams, and Boring Logs



9-8-08 7092.05 GSP
Mon. T2

1330 Meet with Glenn Lansing and Matt Carnie of Parratt Wolff on site.

1400 Begin setup of deacon pad.

1410 Begin locating MW locations

1510 Caitlin calls with MW screen intervals
- MW-1 screen 8'-to 13'
- MW-2 screen 11'-16'
- MW-3 screen 10'-15'
- MW-4 screen 8'-13'
- MW-5 screen 10.5'-15.5'
- MW-6 screen 11'-16'
- MW-7 screen 10'-15'

1520 Begin setting up drill rig @ MW-3

1535 GSP conducts tailgate safety meeting. GSP

9-8-08 | 7092505 | GSD
Mon. | T2

1545 Begin cutting through pavement at PRB-MW-3

1557 PRB-MW-3, 3-5' BLS, no recovery 2-3-2-2.

1610 8-10' BLS, 5-4-2-2, 30% recovery, sandy silt, fine to coarse gravel, moist, brown

1623 13'-15' BLS, 7-11-12-12, SAA, very wet

1634 Set well with 5' prepack screen to 15' BLS (pervious)

1700 Sand to 8' BLS
1708 Bentonite seal to 6' BLS
1715 Augers tripped from borehole
1729 Break down rig setup; will grout 9-10-08. Place 55 gal drum of cuttings over well borehole to secure for night
1733 off site.

GSD

GSD

9-~~10~~-08 (9 GSD) | 70925.05 | GSD

Tues. | T2

0650 Arrive on site. Parratt Wolff on site deaconing augers.

0735 Setup drill rig @ PRB-MW-7

0750 Begin augering

0800 3-5' BLS, 2-2-3-4, 25% rec., silty sand, fine to coarse gr, some gravel, brown, moist

0813 8-10' BLS, 3-3-3-3, SAA, moist

0826 13-15 BLS, 2-5-6-7, SAA, saturated

0835 Set well @ 15' BLS, 5' screen (pre-pack) (pervious)

0837 Stop activities due to lightning

1210 Begin sandpack

1239 Sandpack to 8' BLS, Bentonite seal to 5.5' BLS

GSD

9-~~10~~-08 (9 GSD) | 70925.05 | GSD

Tues. | T2

1245 Begin deacon of augers

1305 Setup drill rig @ PRB-MW-6

1318 Begin augering

1329 4-6' BLS, 4-3-3-5, 30% rec. silty sand, fine to med gr, some gravel, brown to yellowish brown, dry

1341 9-11' BLS, 5-2-3-3, 25% rec, SAA saturated

1354 14-16' BLS, 4-7-7-9, 50% rec. silty sand to sandy silt, (fine) yellowish brown, firm, wet (semi-pervious)

1410 Set well @ 16' BLS, 5' prepack screen

1415 Begin sandpack

1457 Sandpack to 9' BLS, Bentonite seal to 6' BLS

1509 Begin deacon of augers

GSD

9 GSD
9-10-08 7025.05 GSD
Tues. T2

1527 Setup drill rig @ PRB-MW-5
1537 Begin drilling
1544 3-5' BLS, 3-2-3-3, 50% rec. silty, sand, fine to coarse gr, brown, moist
1603 8-10' BLS, 5-2-1-1, 30% rec. SAA, wet
1619 13.5-15.5, 2-2-4-5, 50% rec. fine gr sandy silt, brown, wet, firm (semi-pervious)
1637 Set well @ 15.5' BLS Begin sandpack 8.5' BLS
1702 Sandpack to 6.5' BLS Bentonite seal to
1707 Augers tripped
1725 off site!

GSD

9-11-08 7025.05 GSD
Wed. T2

0650 Arrive on site. Parratt Wolff on site.
0710 Begin deacon of equipment
0735 Setup drill rig on PRB-MW-4
0748 Begin augering
0759 1-3 BLS, 5-4-2-2, 50% rec. silty sand, fine to med gr, some coarse, yellowish brown, moist
0816 6-8 BLS, 6-9-12-8, 60% rec., silty sand, fine to med gr, yellowish brown, moist
0834 11-13' BLS, 2-2-1-1, 40% rec., silty sand, fine to med gr, brown, wet (pervious)
0905 Set well @ 13' BLS 5' prepack screen
0945 Sandpack to 6' BLS Bentonite seal to 4' BLS
1003 Begin deacon of equipment

GSD

9-10-08 | 70925.05 | GSD
Wed. | T2

1035 Filling water tank on drill rig, GSD and Glenn Yeave site to pick up tubing at hardware store and pump at hotel.
1215 Drill rig set up on PRB-MW-1
1225 Begin augering
1229 1-3' BLS, 6-6-7-6, 60% rec. silty sand, fine to med gr, some coarse, yellowish brown, moist
1240 GSD begins development on PRB-MW-3
1258 6-8' BLS, 4-3-2-2, 45% rec sandy silt, brown, fine to med gr, dry, dense
1306 11-13' BLS, 2-4-3-4, 15% rec., silty sand, fine to med gr, brown, wet (pervious)
1308 GSD stops PRB-MW-3 after 55 gal. purged; well surged with pump and tubing, cleans up clear very quickly

GSD

9-10-08 | 70925.05 | GSD
Wed. | T2

1331 Begin development of PRB-MW-7
1332 Set PRB-MW-1 @ 13' BLS Begin sandpack
1356 PRB-MW-1 sandpack to 6' BLS bentonite seal to 4' BLS
1400 Complete development of PRB-MW-7
1408 Begin development of PRB-MW6
1415 Begin deacon of equipment
1444 Setup drill rig @ PRB-MW-2
1450 Begin augering
1500 Complete development of PRB-MW-6
1502 4-6' BLS, 2-3-2-4, 50% rec., silty sand, fine to med gr, yellowish brown, moist
1518 9-11' BLS, 4-2-2-2, 25% rec SAA, some gravel, wet

GSD

9-10-08 Wed. 70925.05 T2 GSD

1525 Begin development on PRB-MW-5
1526 14-16' BLS, 2-2-3-5, 40% rec., SAA, some fine gr sandy silt at bottom, wet (pervious)
1550 Set well @ 16' BLS
Sand pack to 9' BLS
Bentonite seal to 7' BLS
1619 Complete development of ~~BGSP~~ PRB-MW-5
1624 Begin to mix grout for wells
1632 Begin development of PRB-MW-4
1657 Complete development of PRB-MW-4
1658 Grouting PRB-MW-2
1900 all wells grouted to surface
1905 Off site

GSD

9-11-08 Thurs. 70925.05 T2 GSD

0650 Arrive on site. Parratt Wolff on site filling water tank on drill rig.
0714 Begin development on PRB-MW-1; drillers setting up to begin well completions
0850 ~~PB~~ ~~BGSP~~ PDB bag set in PRB-MW-3; bag set @ top 3.5' off bottom of well; set at midpoint of screen
0925 PDB bag set in PRB-MW-7
0933 Development complete on PRB-MW-1
0940 Begin development on PRB-MW-2
0952 PDB bag set in PRB-MW-6
1004 PDB bag set in PRB-MW-5
1030 PDB bag set in PRB-MW-4
1110 PDB bag set in PRB-MW-1
1110 Development complete on PRB-MW-2

GSD

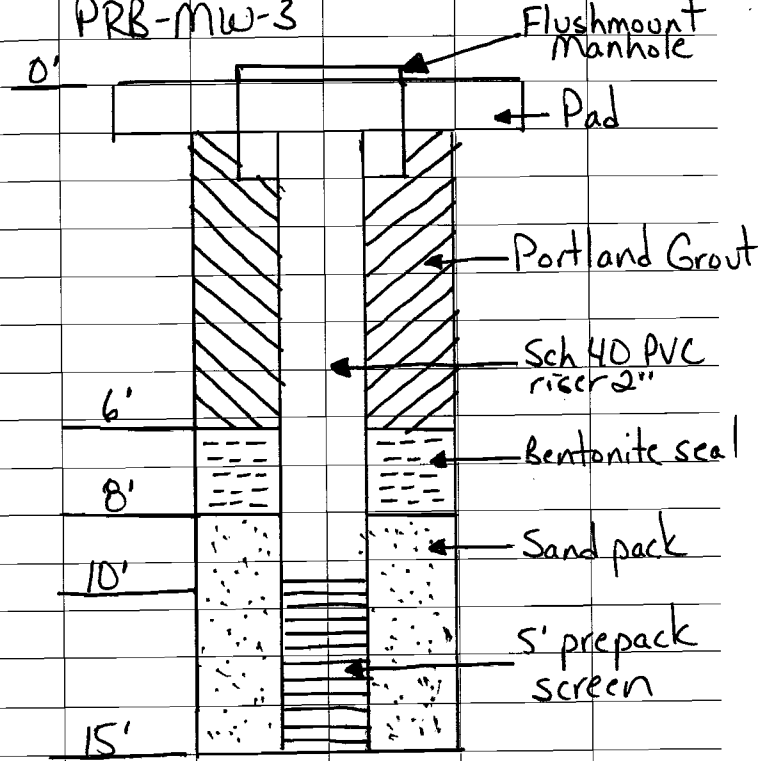
9-11-08 | 70925.05 | GSD
Thurs. | T2

1140 Well completions complete
1145 PDB bag sat in PRB-MW-2
1146 Parratt Wolff begins staging soil cutting & development water drums
1300 Deacon equipment; contain deacon water into 55 gal. drum, clean up site
1400 off site

GSD

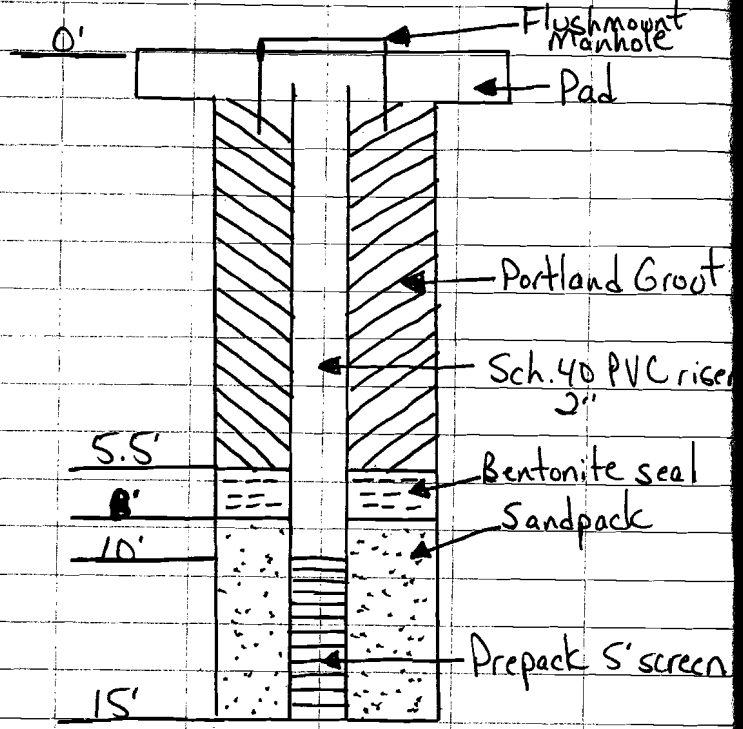
9-15-08 | 70925.05 | GSD
Mon.

PRB-MW-3



GSD

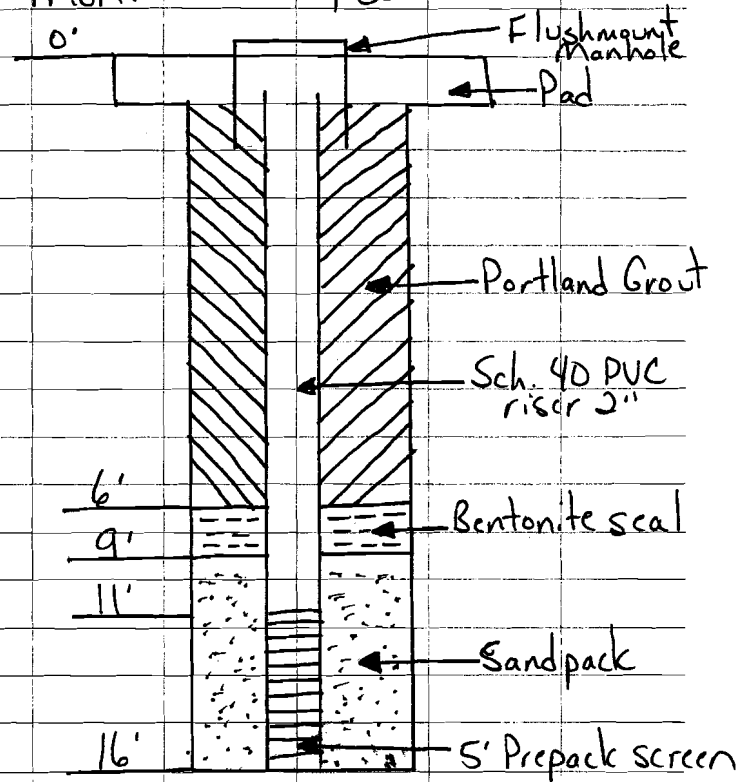
9-15-08 Mon. 70925.05 T2 GSD



PRB-MW-7

GSD

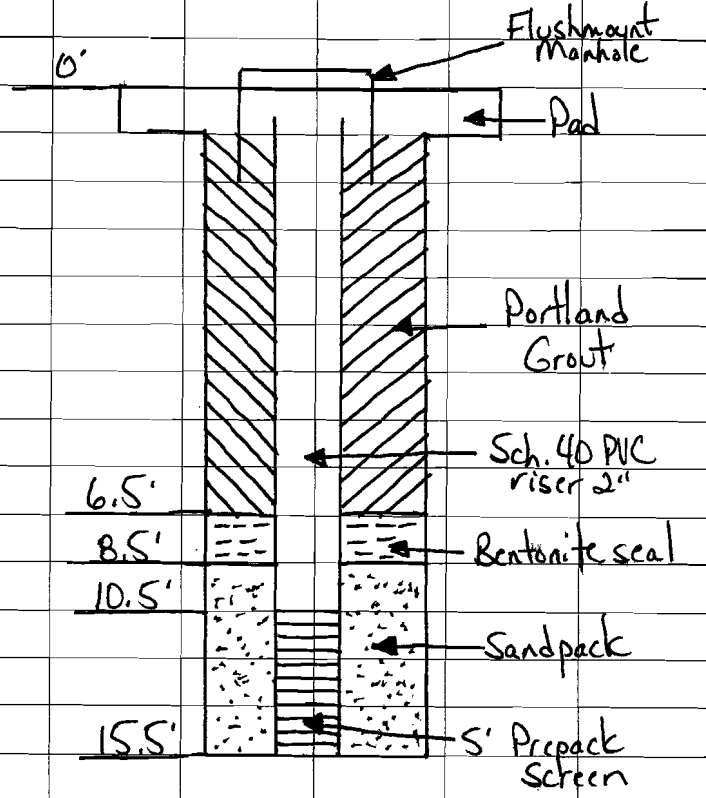
9-15-08 Mon. 70925.05 T2 GSD



PRB-MW-6

GSD

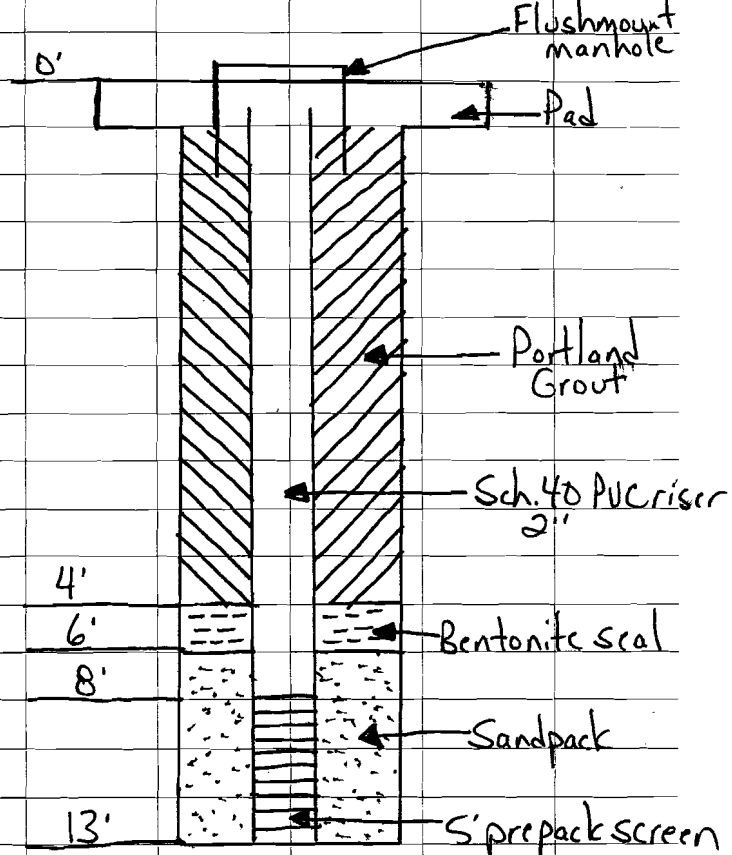
9-15-08 Mon. 70925.05 T2 GSD



PRB-MW-5

GSD

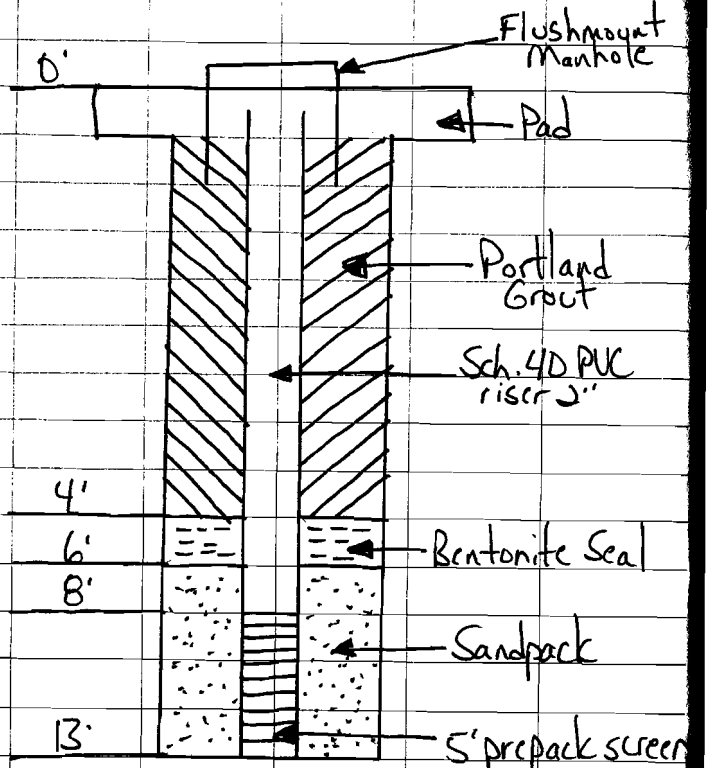
9-15-08 Mon. 70925.05 T2 GSD



PRB-MW-4

GSD

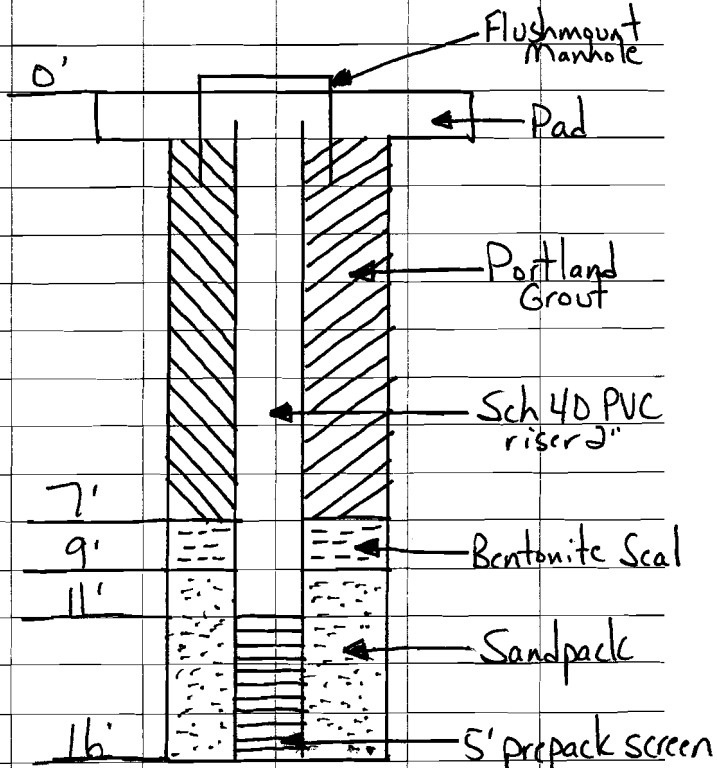
9-15-08 Mon. | 70925.05 T2 | GSD



PRB-MW-1

GSD

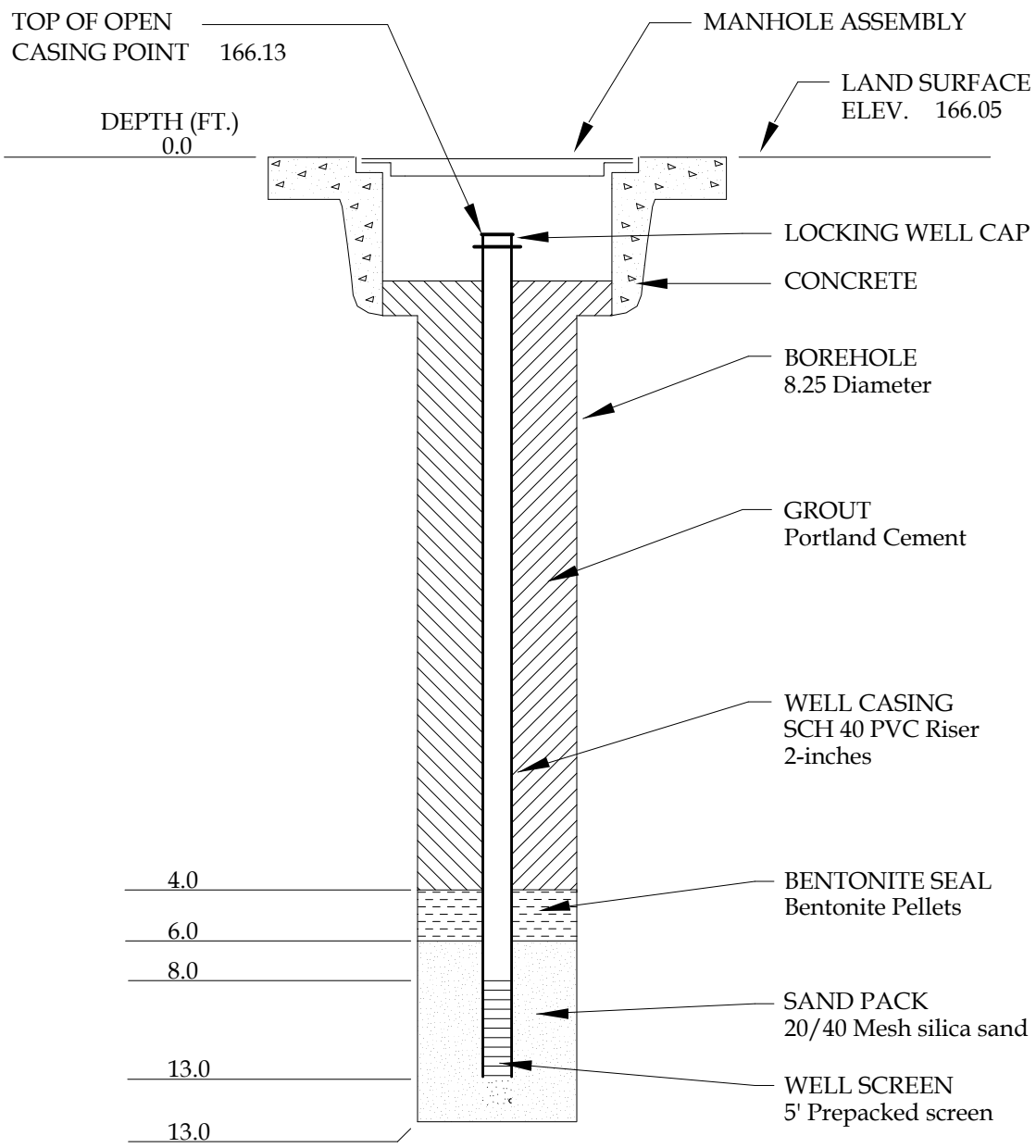
9-15-08 Mon. | 70925.05 T2 | GSD



PRB-MW-2

GSD

/WEL-DIA/MW00M0BC



WELL CONSTRUCTION DIAGRAM

Not To Scale

PROJECT SCHLUMBERGER - POUGHKEEPSIE, NEW YORK

PROJECT NO. 70925.05

WELL NO. PRB-MW-1

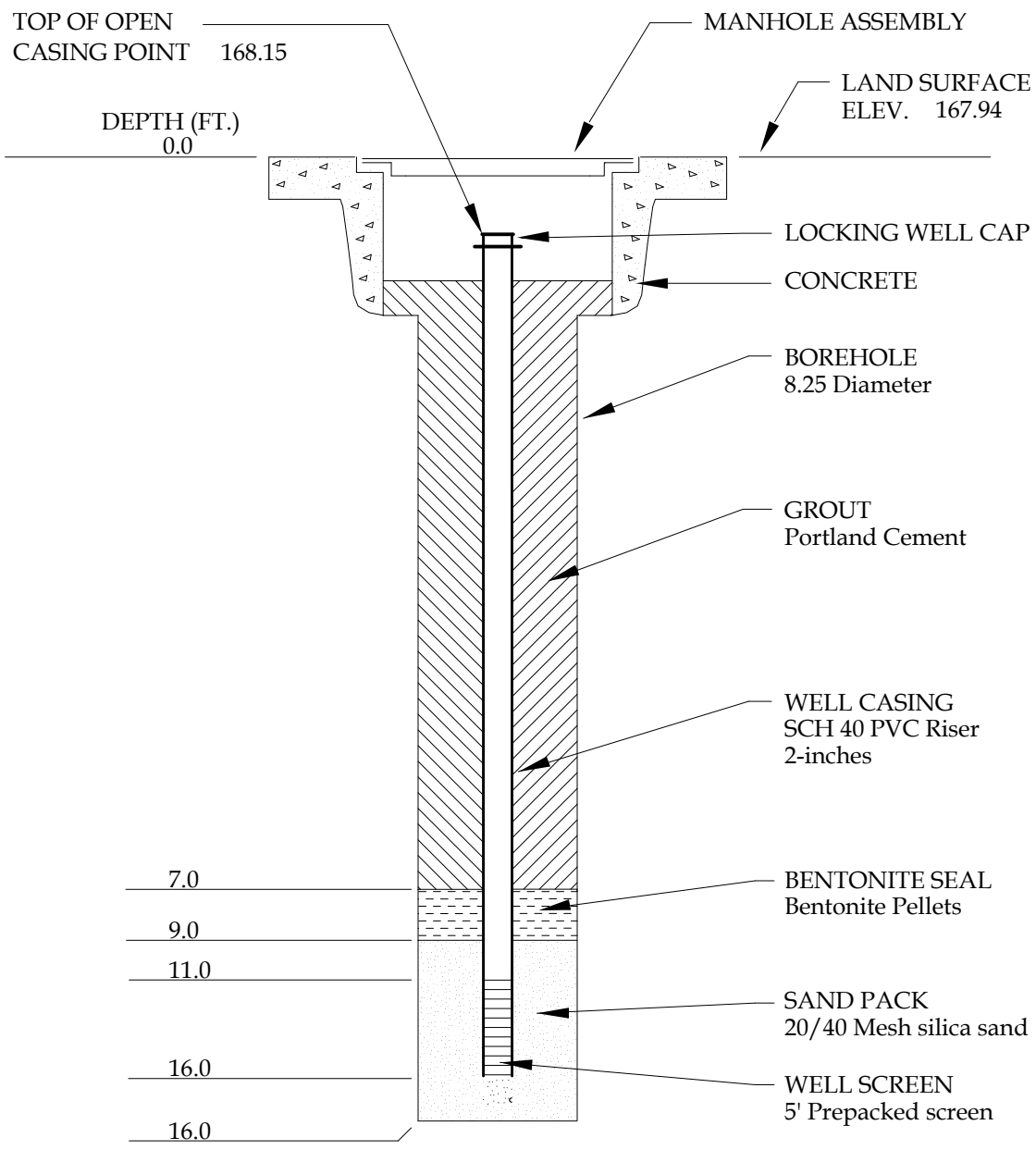
DATE INSTALLED 9/11/08

DRILLING CONTRACTOR PARRATT WOLFF

RMT GEOLOGIST CLC

RMT

/WEL-DIA/MW00M0BC



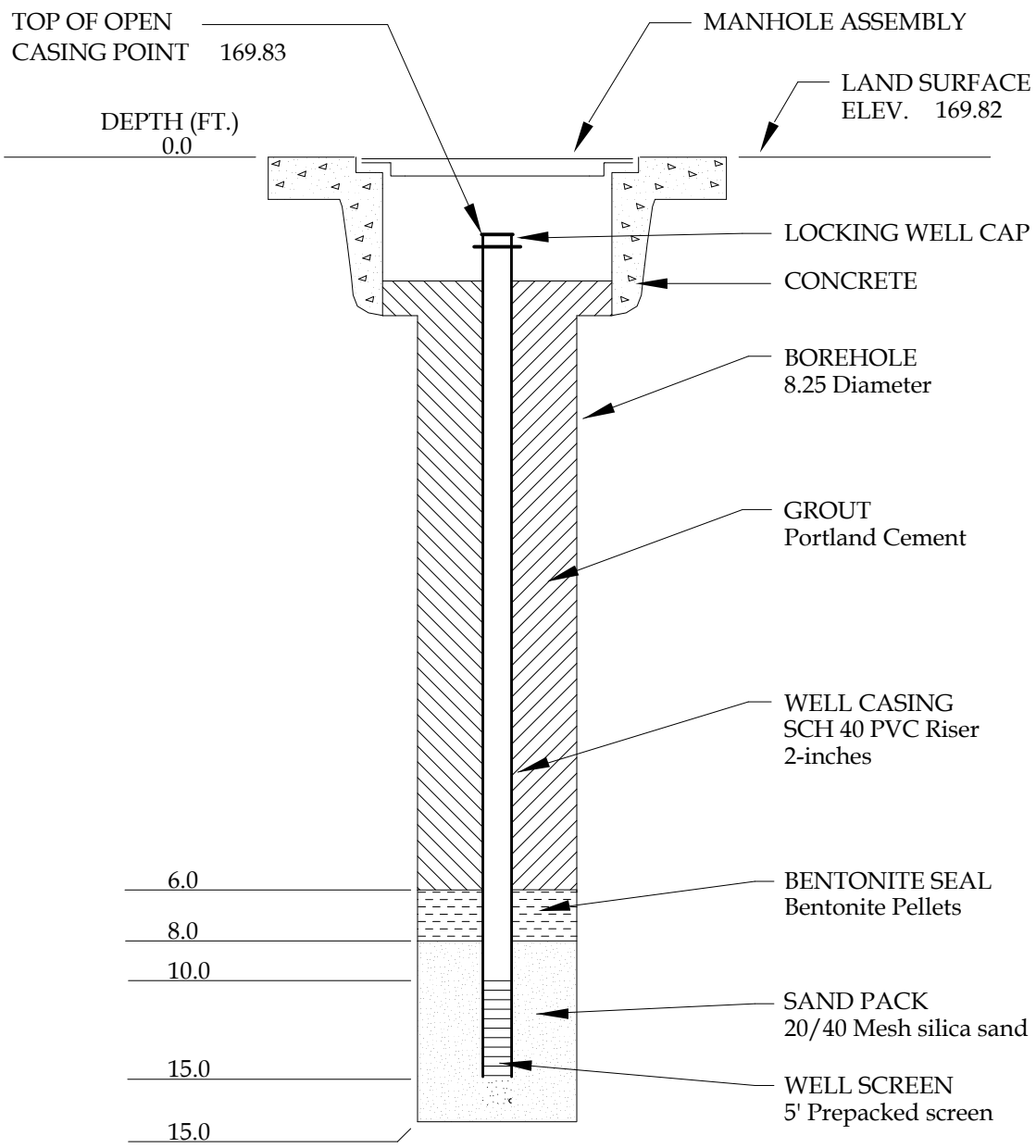
WELL CONSTRUCTION DIAGRAM

Not To Scale

PROJECT	SCHLUMBERGER - POUGHKEEPSIE, NEW YORK
PROJECT NO.	70925.05
WELL NO.	PRB-MW-2
DATE INSTALLED	9/11/08
DRILLING CONTRACTOR	PARRATT WOLFF
RMT GEOLOGIST	CLC

RMT

/WEL-DIA/MW00M0BC



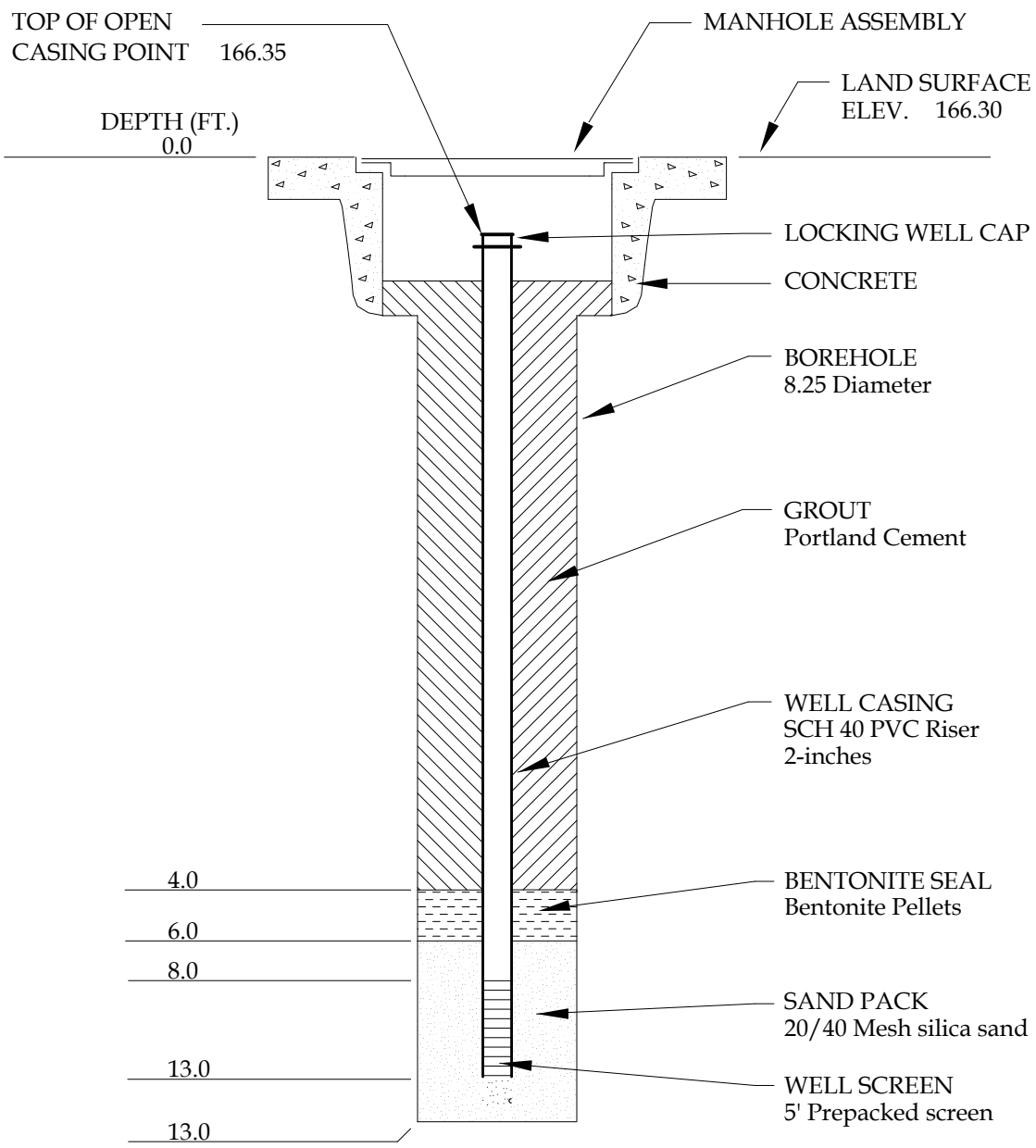
WELL CONSTRUCTION DIAGRAM

Not To Scale

PROJECT	SCHLUMBERGER - POUGHKEEPSIE, NEW YORK
PROJECT NO.	70925.05
WELL NO.	PRB-MW-3
DATE INSTALLED	9/8/08
DRILLING CONTRACTOR	PARRATT WOLFF
RMT GEOLOGIST	CLC

RMT

/WEL-DIA/MW00M0BC



WELL CONSTRUCTION DIAGRAM

Not To Scale

PROJECT SCHLUMBERGER - POUGHKEEPSIE, NEW YORK

PROJECT NO. 70925.05

WELL NO. PRB-MW-4

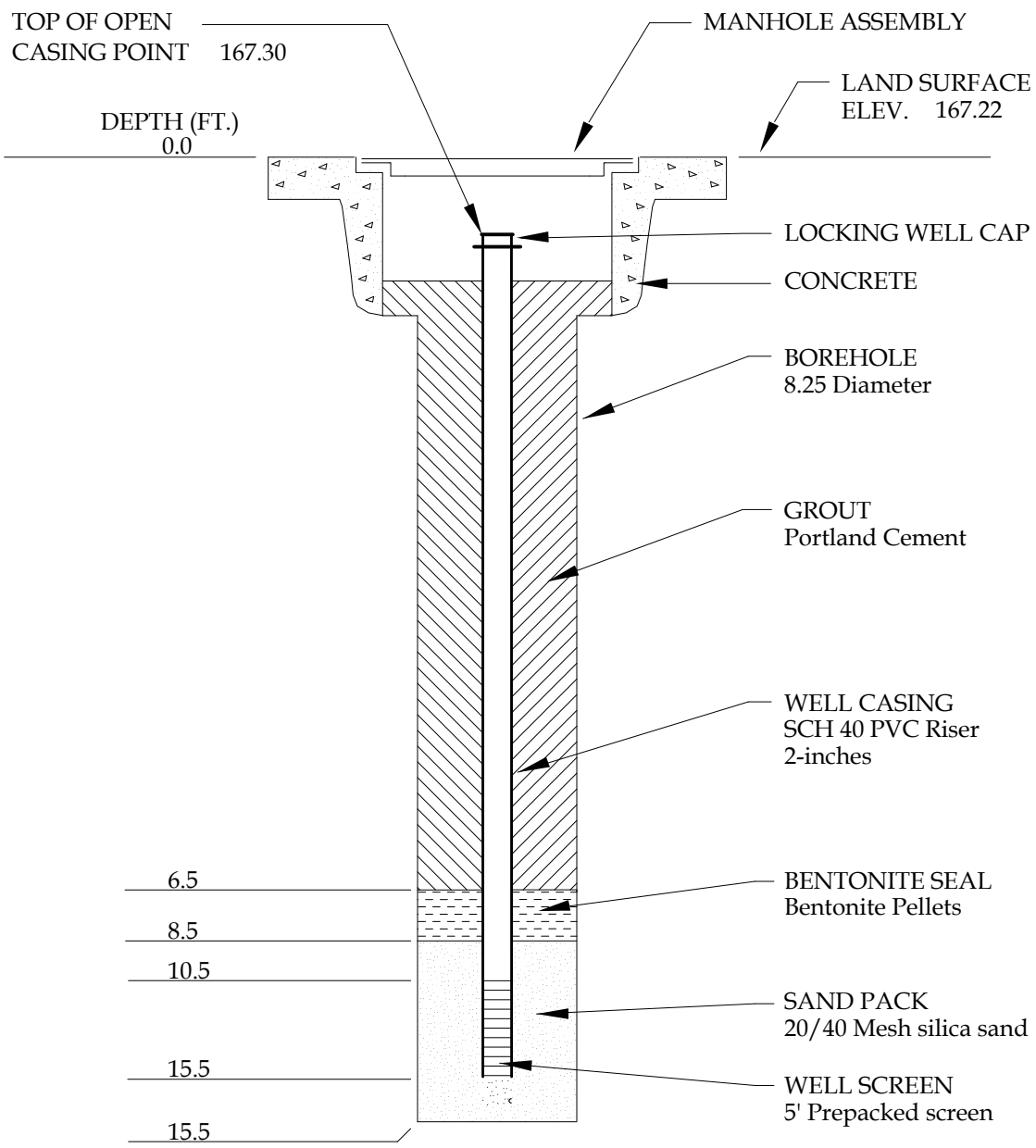
DATE INSTALLED 9/11/08

DRILLING CONTRACTOR PARRATT WOLFF

RMT GEOLOGIST CLC

RMT

/WEL-DIA/MW00M0BC



WELL CONSTRUCTION DIAGRAM

Not To Scale

PROJECT SCHLUMBERGER - POUGHKEEPSIE, NEW YORK

PROJECT NO. 70925.05

WELL NO. PRB-MW-5

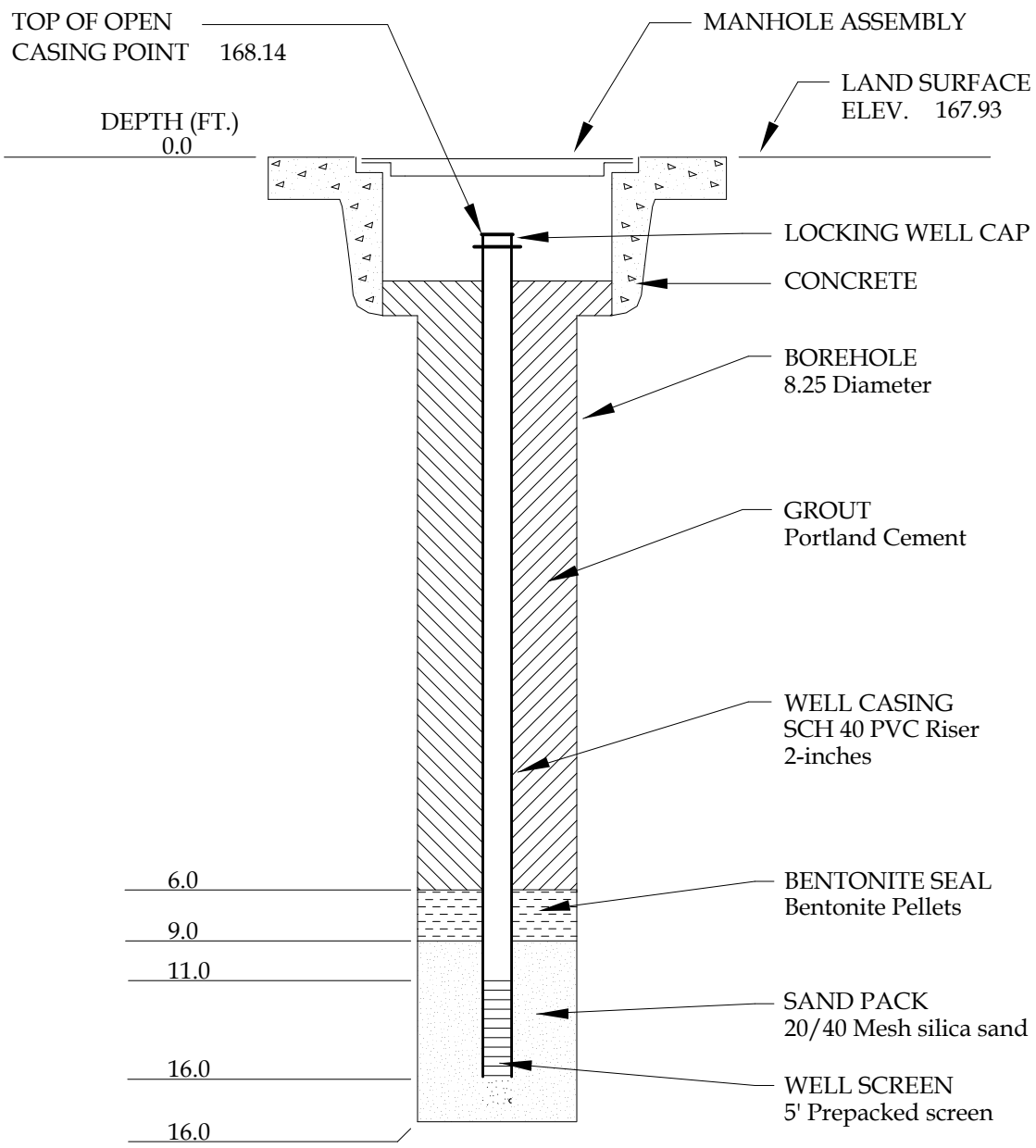
DATE INSTALLED 9/9/08

DRILLING CONTRACTOR PARRATT WOLFF

RMT GEOLOGIST CLC

RMT

/WEL-DIA/MW00M0BC



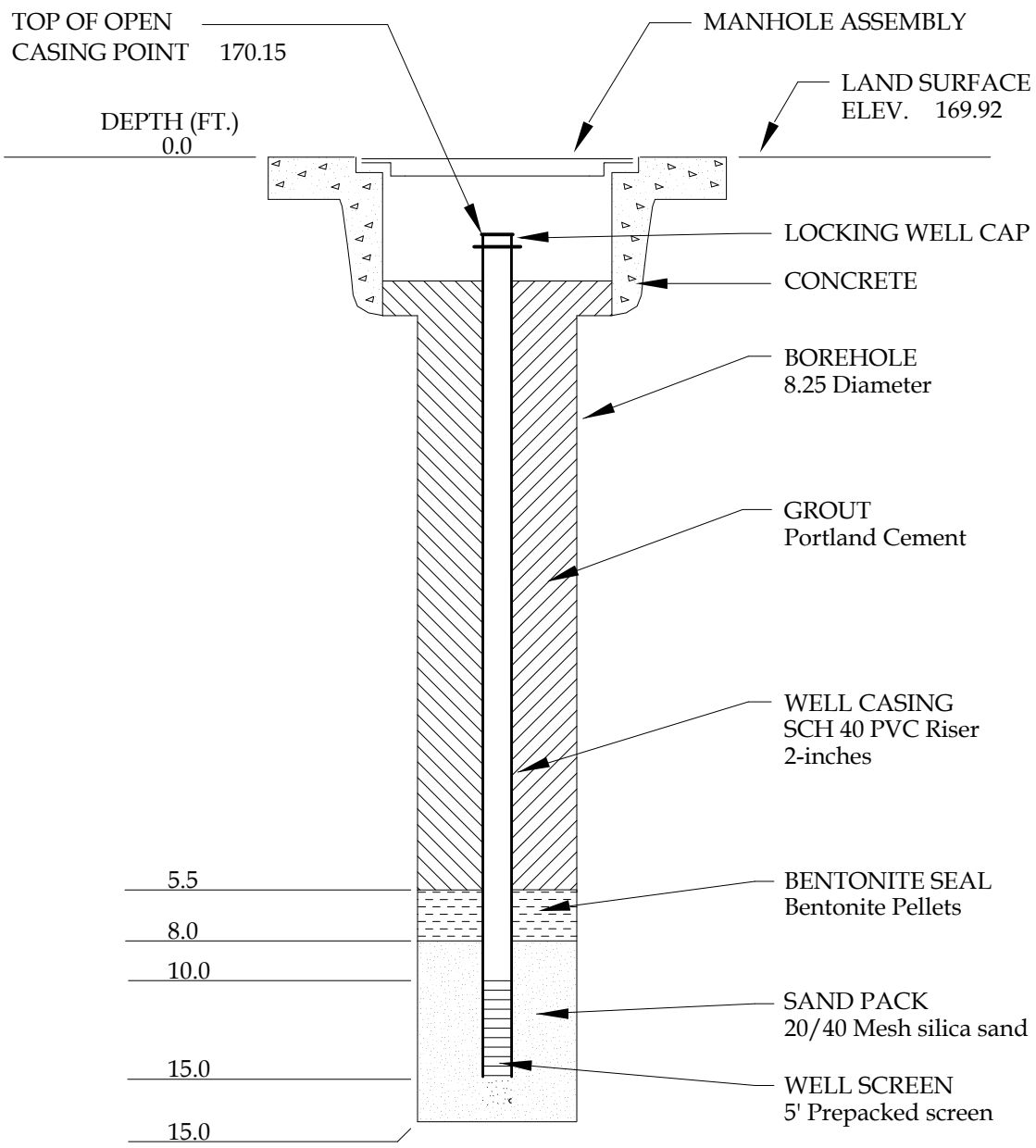
WELL CONSTRUCTION DIAGRAM

Not To Scale

PROJECT	SCHLUMBERGER - POUGHKEEPSIE, NEW YORK
PROJECT NO.	70925.05
WELL NO.	PRB-MW-6
DATE INSTALLED	9/9/08
DRILLING CONTRACTOR	PARRATT WOLFF
RMT GEOLOGIST	CLC

RMT

/WEL-DIA/MW00M0BC



WELL CONSTRUCTION DIAGRAM

Not To Scale

PROJECT	SCHLUMBERGER - POUGHKEEPSIE, NEW YORK
PROJECT NO.	70925.05
WELL NO.	PRB-MW-7
DATE INSTALLED	9/9/08
DRILLING CONTRACTOR	PARRATT WOLFF
RMT GEOLOGIST	CLC

RMT

SOIL BORING LOG

RMT

BORING NO. PRB-MW-1

Client:		Drilling Start Date:	Drilling End Date:	Page of
SCHLUMBERGER - POUGHKEEPSIE, NEW YORK		9-11-08		1 1
Site:		Drilling Method:		Project Number:
POUGHKEEPSIE, NEW YORK		HOLLOW STEM AUGER		70925.05
Geologist/Technician:	Driller (name/company):	Drill Rig Type:		Borehole Diameter (in.):
GSD	PARRATT WOLFF			8.25
Boring Coordinates:	Total Depth (ft.):	Measuring Point Elevation (ft.):		
N: 663794.07 E: 1041026.85	13.00	166.05		
Datum Description:	Datum Elevation (ft.):	Checked by:		
		CLC		

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
	60		6-6-7-6		1–3		Silty Sand (SM)-Fine to medium grain, some coarse, yellowish brown, moist
	45		4-3-2-2		6–8		Sandy Silt (MS)-Brown, fine to medium grain, dry, dense
	15		2-4-3-4		11–13		Silty sand (SM)- Fine to medium grain, brown, wet, (pervious).

SOIL_2 70925ALL.GPJ 10/2/08

Greenville (ver. 9/1/97)

SOIL BORING LOG

RMT

BORING NO. PRB-MW-2

Client:		Drilling Start Date:	Drilling End Date:	Page of
SCHLUMBERGER - POUGHKEEPSIE, NEW YORK		9-11-08		1 1
Site:		Drilling Method:		Project Number:
POUGHKEEPSIE, NEW YORK		HOLLOW STEM AUGER		70925.05
Geologist/Technician:	Driller (name/company):	Drill Rig Type:		Borehole Diameter (in.):
GSD	PARRATT WOLFF			8.25
Boring Coordinates:	Total Depth (ft.):	Measuring Point Elevation (ft.):		
N: 663809.05 E: 104095.80	16.00	167.94		
Datum Description:	Datum Elevation (ft.):	Checked by:		
		CLC		

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
	50		2-3-2-4		4–6		Silty Sand (SM)- fine to medium grain, yellowish brown, moist
	25		4-2-2-2		9–11		Same as above, some gravel, wet
	40		2-2-3-5		14–16		Same as above, some fine grain sandy silt at bottom, wet (pervious)

SOIL_2 70925ALL.GPJ 10/2/08

SOIL BORING LOG

RMT

BORING NO. PRB-MW-3

Client:		Drilling Start Date:	Drilling End Date:	Page of
SCHLUMBERGER - POUGHKEEPSIE, NEW YORK		9-8-08		1 1
Site:		Drilling Method:		Project Number:
POUGHKEEPSIE, NEW YORK		HOLLOW STEM AUGER		70925.05
Geologist/Technician:	Driller (name/company):	Drill Rig Type:		Borehole Diameter (in.):
GSD	PARRATT WOLFF			8.25
Boring Coordinates:	Total Depth (ft.):	Measuring Point Elevation (ft.):		
N: 663815.01 E: 1040871.38	15.00	169.82		
Datum Description:	Datum Elevation (ft.):	Checked by:		
		CLC		

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
			2-3-2-2		3		No recovery
	30		5-4-2-2		8		Sandy silt (MS)- Fine to coarse gravel, moist, brown
			7-11-12-12		13		Same as above, very wet

SOIL_2 70925ALL.GPJ 10/2/08

Greenville (ver. 9/1/97)

SOIL BORING LOG

RMT

BORING NO. PRB-MW-4

Client:		Drilling Start Date:	Drilling End Date:	Page of
SCHLUMBERGER - POUGHKEEPSIE, NEW YORK		9-11-08		1 1
Site:		Drilling Method:		Project Number:
POUGHKEEPSIE, NEW YORK		HOLLOW STEM AUGER		70925.05
Geologist/Technician:	Driller (name/company):	Drill Rig Type:		Borehole Diameter (in.):
GSD	PARRATT WOLFF			8.25
Boring Coordinates:	Total Depth (ft.):	Measuring Point Elevation (ft.):		
N: 663835.14 E: 1041030.53	13.00	166.30		
Datum Description:	Datum Elevation (ft.):	Checked by:		
		CLC		

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
	50		5-4-2-2		1–3		Silty sand (SM)-Fine to medium grain, some coarse, yellowish brown, moist
	60		6-9-12-8		6–8		Silty sand (SM)- Fine to medium grain, yellowish brown, moist
	40		2-2-1-1		11–13		Silty sand (SM)- Fine to medium grain, brown, wet (pervious)

SOIL_2 70925ALL.GPJ 10/2/08

Greenville (ver. 9/1/97)

SOIL BORING LOG

RMT

BORING NO. PRB-MW-5

Client:		Drilling Start Date:	Drilling End Date:	Page of
SCHLUMBERGER - POUGHKEEPSIE, NEW YORK		9-9-08		1 1
Site:		Drilling Method:		Project Number:
POUGHKEEPSIE, NEW YORK		HOLLOW STEM AUGER		70925.05
Geologist/Technician:	Driller (name/company):	Drill Rig Type:		Borehole Diameter (in.):
GSD	PARRATT WOLFF			8.25
Boring Coordinates:	Total Depth (ft.):	Measuring Point Elevation (ft.):		
N: 663849.81 E: 1040981.60	15.50	167.22		
Datum Description:	Datum Elevation (ft.):	Checked by:		
		CLC		

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
	50		3-2-3-3		1–5		Silty sand (SM)- Fine to coarse grain, brown, moist
	30		5-2-1-1		6–10		Same as above, wet
	50		2-2-4-5		11–15		Fine grain sandy silt (SM)- brown, wet, firm (semi-pervious)
					16–19		

SOIL_2 70925ALL.GPJ 10/2/08

Greenville (ver. 9/1/97)

SOIL BORING LOG

RMT

BORING NO. PRB-MW-6

Client:		Drilling Start Date:	Drilling End Date:	Page of
SCHLUMBERGER - POUGHKEEPSIE, NEW YORK		9-11-08		1 1
Site:		Drilling Method:		Project Number:
POUGHKEEPSIE, NEW YORK		HOLLOW STEM AUGER		70925.05
Geologist/Technician:	Driller (name/company):	Drill Rig Type:		Borehole Diameter (in.):
GSD	PARRATT WOLFF			8.25
Boring Coordinates:	Total Depth (ft.):	Measuring Point Elevation (ft.):		
N: 663865.01 E: 1040937.05	16.00	167.93		
Datum Description:	Datum Elevation (ft.):	Checked by:		
		CLC		

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
	30		4-3-3-5		4		Silty sand (SM)- Fine to medium grain, some gravel, brown to yellowish brown, dry
	25		5-2-3-3		9		Same as above, saturated
	50		4-7-7-9		14		Silty sand to sandy silt (SM)- Yellowish brown, firm, wet (semi-pervious)

SOIL BORING LOG

RMT

BORING NO. PRB-MW-7

Client:		Drilling Start Date:	Drilling End Date:	Page of
SCHLUMBERGER - POUGHKEEPSIE, NEW YORK		9-9-08		1 1
Site:		Drilling Method:		Project Number:
POUGHKEEPSIE, NEW YORK		HOLLOW STEM AUGER		70925.05
Geologist/Technician:	Driller (name/company):	Drill Rig Type:		Borehole Diameter (in.):
GSD	PARRATT WOLFF			8.25
Boring Coordinates:	Total Depth (ft.):	Measuring Point Elevation (ft.):		
N: 663895.03 E: 1040893.44	15.00	169.92		
Datum Description:	Datum Elevation (ft.):	Checked by:		
		CLC		

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
	25		2-2-3-4		1–19		Silty sand (SM)- fine to coarse grain, some gravel, brown, moist.
			3-3-3-3				Same as above, moist
			2-5-6-7				Same as above, saturated

SOIL_2 70925ALL.GPJ 10/2/08

Greenville (ver. 9/1/97)

Appendix F
Severn Trent Laboratories, Inc. Analytical Report

ANALYTICAL REPORT

Job Number: 420-8066-1

Job Description: Schlumberger-Poughkeepsie Site

For:
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Attention: Mr. Michael Parker

Lynn Kuhl
Project Manager II
lkuhl@stl-inc.com
02/15/2007
Revision: 1

Project Manager: Lynn Kuhl

METHOD SUMMARY

Client: RMT, Inc. Job Number: 420-8066-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Soil and Waste pH	STL CT	SW846 9045C	
Total Organic Carbon	STL CT	SW846 9060	
Percent Moisture	STL CT	EPA PercentMoisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL CT	SW846 8260B	
Purge-and-Trap	STL CT		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL CT	SW846 8270C	
Separatory Funnel Liquid-Liquid Extraction	STL CT		SW846 3510C
ICP Metals by 200.7	STL NEW	EPA 200.7 Rev 4.4	
Total Metals Digestion for 200.7	STL NEW		40CFR136A 200.7 Appx C
Sample Filtration	STL NEW		FILTRATION
Mercury in Water by CVAA	STL NEW	EPA 245.1	
Digestion for CVAA Mercury in Waters	STL NEW		EPA 245.1
Alkalinity, Titration Method	STL NEW	SM18 2320B	
Anions by Ion Chromatography	STL NEW	EPA-04 300.0	
Sulfide (Colorimetric, Methylene Blue)	STL NEW	MCAWW 376.2	
Chloride by Silver Nitrate Titration	STL NEW	SM18 4500 CL B	

LAB REFERENCES:

STL CT = STL Connecticut
STL NEW = STL Newburgh

METHOD SUMMARY

Client: RMT, Inc. Job Number: 420-8066-1

METHOD REFERENCES:

EPA - US Environmental Protection Agency

EPA-04 - "Methods For The Determination Of Inorganic Substances In Environmental Samples", EPA/600/R-93/100, August 1993.

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM18 - "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

SAMPLE SUMMARY

Client: RMT, Inc. Job Number: 420-8066-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-8066-1	TBLK-06401	Water	10/03/2006 0000	10/06/2006 1158
420-8066-2	PZ-8	Water	10/03/2006 0825	10/06/2006 1158
420-8066-3	PZ-7	Water	10/03/2006 1010	10/06/2006 1158
420-8066-4	PZ-6	Water	10/03/2006 1310	10/06/2006 1158
420-8066-5	PZ-3	Water	10/03/2006 1400	10/06/2006 1158
420-8066-6	PZ-2	Water	10/03/2006 1515	10/06/2006 1158
420-8066-7	PZ-1	Water	10/03/2006 1605	10/06/2006 1158
420-8066-8	PZ-4	Water	10/03/2006 1705	10/06/2006 1158
420-8066-9	PZ-5	Water	10/04/2006 0840	10/06/2006 1158
420-8066-10	DU-06401	Water	10/04/2006 0000	10/06/2006 1158
420-8066-11	PRB-8	Water	10/04/2006 1205	10/06/2006 1158
420-8066-12	PRB-6	Water	10/04/2006 1520	10/06/2006 1158
420-8066-13	PRB-7	Water	10/05/2006 0825	10/06/2006 1158
420-8066-14	PRB-1	Water	10/05/2006 1050	10/06/2006 1158
420-8066-15	PRB-2	Water	10/05/2006 1215	10/06/2006 1158
420-8066-16	PRB-3	Water	10/05/2006 1505	10/06/2006 1158
420-8066-17	PRB-4	Water	10/05/2006 1610	10/06/2006 1158
420-8066-18	RBLK-06401	Water	10/05/2006 1555	10/06/2006 1158
420-8066-19	PRB-5	Water	10/05/2006 1730	10/06/2006 1158
420-8066-20	PRB-10	Water	10/06/2006 0735	10/06/2006 1158
420-8066-21	PZ-8 (15.5-16.0)	Solid	10/02/2006 1600	10/06/2006 1158
420-8066-22	PZ-7 (15.6-17.0)	Solid	10/03/2006 0835	10/06/2006 1158
420-8066-23	PZ-6 (20-21)	Solid	10/03/2006 1020	10/06/2006 1158
420-8066-24	PZ-3 (11-12)	Solid	10/03/2006 1235	10/06/2006 1158
420-8066-25	PZ-2 (11-12)	Solid	10/03/2006 1330	10/06/2006 1158
420-8066-26	PZ-5 (16-17)	Solid	10/03/2006 1640	10/06/2006 1158
420-8066-27	SW-1	Water	10/06/2006 0755	10/06/2006 1158
420-8066-28	TBLK-06402	Water	10/06/2006 0000	10/06/2006 1158
420-8066-29	PRB-9	Water	10/06/2006 1010	10/06/2006 1158
420-8066-30	SW-2	Water	10/06/2006 1000	10/06/2006 1158
420-8066-31	PZ-9	Water	10/06/2006 1105	10/06/2006 1158
420-8066-32	PZ-10(21.5-22.0)	Solid	10/06/2006 1035	10/06/2006 1158
420-8066-33	PZ-10	Water	10/06/2006 1210	10/06/2006 1158
420-8066-34	Purge Water	Water	10/06/2006 1225	10/06/2006 1158
420-8066-35	SW-3	Water	10/06/2006 1245	10/06/2006 1158
420-8066-36	DU-06403	Water	10/06/2006 0000	10/06/2006 1158

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: TBLK-06401
Lab Sample ID: 420-8066-1

Date Sampled: 10/03/2006 0000
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1206			
Prep Method: 5030B	Date Prepared:		10/12/2006 1206			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	%	53 - 125
4-Bromofluorobenzene	113	%	73 - 127
Dibromofluoromethane	119	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: TBLK-06401
Lab Sample ID: 420-8066-1

Date Sampled: 10/03/2006 0000
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1206			
Prep Method: 5030B	Date Prepared:	10/12/2006 1206			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	107	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-8
Lab Sample ID: 420-8066-2

Date Sampled: 10/03/2006 0825
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1233			
Prep Method: 5030B	Date Prepared:		10/12/2006 1233			
Acetone	2.0	J B	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	8.6		ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	15		ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	0.85	J	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	%	53 - 125
4-Bromofluorobenzene	114	%	73 - 127
Dibromofluoromethane	118	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-8
Lab Sample ID: 420-8066-2

Date Sampled: 10/03/2006 0825
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1233			
Prep Method: 5030B	Date Prepared:	10/12/2006 1233			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	108	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-8
Lab Sample ID: 420-8066-2

Date Sampled: 10/03/2006 0825
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1755			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	77000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	28000		ug/L	5000	5000	1.0
Mn	140		ug/L	15	15	1.0
Na	84000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1324			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/10/2006 1327			
Alkalinity	230		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	230		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1712			
Sulfate	37	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	130		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-7
Lab Sample ID: 420-8066-3

Date Sampled: 10/03/2006 1010
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1301			
Prep Method: 5030B	Date Prepared:		10/12/2006 1301			
Acetone	2.0	J B	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	1.1	J	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	0.64	J	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	1.4	J	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	%	53 - 125
4-Bromofluorobenzene	110	%	73 - 127
Dibromofluoromethane	120	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-7
Lab Sample ID: 420-8066-3

Date Sampled: 10/03/2006 1010
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1301			
Prep Method: 5030B	Date Prepared:	10/12/2006 1301			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	107	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-7
Lab Sample ID: 420-8066-3

Date Sampled: 10/03/2006 1010
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1800			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	110000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	9000		ug/L	5000	5000	1.0
Mg	40000		ug/L	5000	5000	1.0
Mn	460		ug/L	15	15	1.0
Na	230000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1327			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/10/2006 1327			
Alkalinity	240		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	240		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1721			
Sulfate	45	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/09/2006 1100			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	480		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-6
Lab Sample ID: 420-8066-4

Date Sampled: 10/03/2006 1310
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1327			
Prep Method: 5030B	Date Prepared:		10/12/2006 1327			
Acetone	1.5	J B	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	%	53 - 125
4-Bromofluorobenzene	110	%	73 - 127
Dibromofluoromethane	118	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-6
Lab Sample ID: 420-8066-4

Date Sampled: 10/03/2006 1310
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1327			
Prep Method: 5030B	Date Prepared:	10/12/2006 1327			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	108	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-6
Lab Sample ID: 420-8066-4

Date Sampled: 10/03/2006 1310
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1806			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	84000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	45000		ug/L	5000	5000	1.0
Mn	63		ug/L	15	15	1.0
Na	5000	U	ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1330			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.44		ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/10/2006 1327			
Alkalinity	340		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	340		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1319			
Sulfate	24	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	10		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-3
Lab Sample ID: 420-8066-5

Date Sampled: 10/03/2006 1400
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1354			
Prep Method: 5030B	Date Prepared:		10/12/2006 1354			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	%	53 - 125
4-Bromofluorobenzene	117	%	73 - 127
Dibromofluoromethane	119	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-3
Lab Sample ID: 420-8066-5

Date Sampled: 10/03/2006 1400
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1354			
Prep Method: 5030B	Date Prepared:	10/12/2006 1354			

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	107	%	63 - 121

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-3
Lab Sample ID: 420-8066-5

Date Sampled: 10/03/2006 1400
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1837			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	77000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	39000		ug/L	5000	5000	1.0
Mn	26		ug/L	15	15	1.0
Na	20000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1333			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/10/2006 1327			
Alkalinity	280		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	280		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1328			
Sulfate	23	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	39		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-2
Lab Sample ID: 420-8066-6

Date Sampled: 10/03/2006 1515
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1420			
Prep Method: 5030B	Date Prepared:		10/12/2006 1420			
Acetone	1.7	J B	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	%	53 - 125
4-Bromofluorobenzene	114	%	73 - 127
Dibromofluoromethane	121	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-2
Lab Sample ID: 420-8066-6

Date Sampled: 10/03/2006 1515
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1420			
Prep Method: 5030B	Date Prepared:	10/12/2006 1420			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	106	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-2
Lab Sample ID: 420-8066-6

Date Sampled: 10/03/2006 1515
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1843			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	62000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	24000		ug/L	5000	5000	1.0
Mn	30		ug/L	15	15	1.0
Na	5000	U	ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1337			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/10/2006 1327			
Alkalinity	210		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	210		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1338			
Sulfate	20	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	10		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-1
Lab Sample ID: 420-8066-7

Date Sampled: 10/03/2006 1605
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1447			
Prep Method: 5030B	Date Prepared:		10/12/2006 1447			
Acetone	1.8	J B	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	%	53 - 125
4-Bromofluorobenzene	111	%	73 - 127
Dibromofluoromethane	119	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-1
Lab Sample ID: 420-8066-7

Date Sampled: 10/03/2006 1605
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1447			
Prep Method: 5030B	Date Prepared:	10/12/2006 1447			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	107	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-1
Lab Sample ID: 420-8066-7

Date Sampled: 10/03/2006 1605
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1848			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	99000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	50000		ug/L	5000	5000	1.0
Mn	300		ug/L	15	15	1.0
Na	8400		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1340			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.77		ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/10/2006 1327			
Alkalinity	330		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	330		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1845			
Sulfate	41	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	12		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-4
Lab Sample ID: 420-8066-8

Date Sampled: 10/03/2006 1705
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1513			
Prep Method: 5030B	Date Prepared:		10/12/2006 1513			
Acetone	2.1	J B	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	2.2	J	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	28		ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	31		ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	1.7	J	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	%	53 - 125
4-Bromofluorobenzene	113	%	73 - 127
Dibromofluoromethane	120	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-4
Lab Sample ID: 420-8066-8

Date Sampled: 10/03/2006 1705
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1513			
Prep Method: 5030B	Date Prepared:	10/12/2006 1513			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	108	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-4
Lab Sample ID: 420-8066-8

Date Sampled: 10/03/2006 1705
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1853			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	100000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	6100		ug/L	5000	5000	1.0
Mg	35000		ug/L	5000	5000	1.0
Mn	250		ug/L	15	15	1.0
Na	210000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1343			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.69		ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	220		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	220		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1913			
Sulfate	37	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	300		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-5
Lab Sample ID: 420-8066-9

Date Sampled: 10/04/2006 0840
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1539			
Prep Method: 5030B	Date Prepared:		10/12/2006 1539			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	2.9	J	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	3.2	J	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	%	53 - 125
4-Bromofluorobenzene	114	%	73 - 127
Dibromofluoromethane	120	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-5
Lab Sample ID: 420-8066-9

Date Sampled: 10/04/2006 0840
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1539			
Prep Method: 5030B	Date Prepared:	10/12/2006 1539			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	107	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-5
Lab Sample ID: 420-8066-9

Date Sampled: 10/04/2006 0840
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1859			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	50000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	15000		ug/L	5000	5000	1.0
Mn	15	U	ug/L	15	15	1.0
Na	33000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1347			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	160		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	160		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1405			
Sulfate	24	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	37		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: DU-06401
Lab Sample ID: 420-8066-10

Date Sampled: 10/04/2006 0000
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1606			
Prep Method: 5030B	Date Prepared:		10/12/2006 1606			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	3.6	J	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	4.3	J	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	%	53 - 125
4-Bromofluorobenzene	114	%	73 - 127
Dibromofluoromethane	123	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: DU-06401
Lab Sample ID: 420-8066-10

Date Sampled: 10/04/2006 0000
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1606			
Prep Method: 5030B	Date Prepared:	10/12/2006 1606			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	106	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: DU-06401
Lab Sample ID: 420-8066-10

Date Sampled: 10/04/2006 0000
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1905			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	50000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	14000		ug/L	5000	5000	1.0
Mn	15	U	ug/L	15	15	1.0
Na	32000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1350			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.27		ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	170		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	170		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1415			
Sulfate	24	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	39		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-8
Lab Sample ID: 420-8066-11

Date Sampled: 10/04/2006 1205
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1632			
Prep Method: 5030B	Date Prepared:		10/12/2006 1632			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	1.3	J	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118	%	53 - 125
4-Bromofluorobenzene	114	%	73 - 127
Dibromofluoromethane	120	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-8
Lab Sample ID: 420-8066-11

Date Sampled: 10/04/2006 1205
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1632			
Prep Method: 5030B	Date Prepared:	10/12/2006 1632			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	108	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-8
Lab Sample ID: 420-8066-11

Date Sampled: 10/04/2006 1205
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1910			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	240		ug/L	200	200	1.0
Ca	170000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
Mg	55000		ug/L	5000	5000	1.0
Mn	390		ug/L	15	15	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1915			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Na	1500000		ug/L	50000	50000	10
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1920			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
K	11000		ug/L	10000	10000	2.0
Method: 245.1	Date Analyzed:		10/17/2006 1403			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.49		ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	260		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	260		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1922			
Sulfate	73	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-8
Lab Sample ID: 420-8066-11

Date Sampled: 10/04/2006 1205
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 4500 CL B	Date Analyzed:	10/13/2006 1005			
Chloride	2000	mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-6
Lab Sample ID: 420-8066-12

Date Sampled: 10/04/2006 1520
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1658			
Prep Method: 5030B	Date Prepared:		10/12/2006 1658			
Acetone	1.8	J B	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	%	53 - 125
4-Bromofluorobenzene	113	%	73 - 127
Dibromofluoromethane	120	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-6
Lab Sample ID: 420-8066-12

Date Sampled: 10/04/2006 1520
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1658			
Prep Method: 5030B	Date Prepared:	10/12/2006 1658			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	109	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-6
Lab Sample ID: 420-8066-12

Date Sampled: 10/04/2006 1520
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1926			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	56000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	29000		ug/L	5000	5000	1.0
Mn	950		ug/L	15	15	1.0
Na	19000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1407			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.23		ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	200		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	200		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1452			
Sulfate	27	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	21		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-7
Lab Sample ID: 420-8066-13

Date Sampled: 10/05/2006 0825
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1724			
Prep Method: 5030B	Date Prepared:		10/12/2006 1724			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118	%	53 - 125
4-Bromofluorobenzene	111	%	73 - 127
Dibromofluoromethane	122	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-7
Lab Sample ID: 420-8066-13

Date Sampled: 10/05/2006 0825
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1724			
Prep Method: 5030B	Date Prepared:	10/12/2006 1724			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	108	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-7
Lab Sample ID: 420-8066-13

Date Sampled: 10/05/2006 0825
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1733			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	6.9		ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	90000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	42000		ug/L	5000	5000	1.0
Mn	660		ug/L	15	15	1.0
Na	65000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1410			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.41		ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	180		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	180		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1501			
Sulfate	24	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	190		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-1
Lab Sample ID: 420-8066-14

Date Sampled: 10/05/2006 1050
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1751			
Prep Method: 5030B	Date Prepared:		10/12/2006 1751			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	%	53 - 125
4-Bromofluorobenzene	113	%	73 - 127
Dibromofluoromethane	123	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-1
Lab Sample ID: 420-8066-14

Date Sampled: 10/05/2006 1050
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1751			
Prep Method: 5030B	Date Prepared:	10/12/2006 1751			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	108	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-1
Lab Sample ID: 420-8066-14

Date Sampled: 10/05/2006 1050
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 1958			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	8.5		ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	120000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	44000		ug/L	5000	5000	1.0
Mn	300		ug/L	15	15	1.0
Na	210000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1413			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.31		ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	150		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	150		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1932			
Sulfate	37	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	610		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-2
Lab Sample ID: 420-8066-15

Date Sampled: 10/05/2006 1215
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1818			
Prep Method: 5030B	Date Prepared:		10/12/2006 1818			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	34		ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	0.97	J	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	21		ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	2.7	J	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	%	53 - 125
4-Bromofluorobenzene	113	%	73 - 127
Dibromofluoromethane	121	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-2
Lab Sample ID: 420-8066-15

Date Sampled: 10/05/2006 1215
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1818			
Prep Method: 5030B	Date Prepared:	10/12/2006 1818			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	107	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-2
Lab Sample ID: 420-8066-15

Date Sampled: 10/05/2006 1215
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 2003			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	86000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	38000		ug/L	5000	5000	1.0
Mn	77		ug/L	15	15	1.0
Na	150000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1417			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	290		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	290		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1941			
Sulfate	60	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	120		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-3
Lab Sample ID: 420-8066-16

Date Sampled: 10/05/2006 1505
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1845			
Prep Method: 5030B	Date Prepared:		10/12/2006 1845			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	6.3		ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	8.4		ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	1.6	J	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118	%	53 - 125
4-Bromofluorobenzene	111	%	73 - 127
Dibromofluoromethane	123	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-3
Lab Sample ID: 420-8066-16

Date Sampled: 10/05/2006 1505
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1845			
Prep Method: 5030B	Date Prepared:	10/12/2006 1845			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	108	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-3
Lab Sample ID: 420-8066-16

Date Sampled: 10/05/2006 1505
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 2008			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	64000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	8500		ug/L	5000	5000	1.0
Mg	24000		ug/L	5000	5000	1.0
Mn	290		ug/L	15	15	1.0
Na	200000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1420			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	250		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	250		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1950			
Sulfate	67	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	180		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-4
Lab Sample ID: 420-8066-17

Date Sampled: 10/05/2006 1610
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/13/2006 1136			
Prep Method: 5030B	Date Prepared:		10/13/2006 1136			
Acetone	20	U	ug/L	2.8	20	2.0
Benzene	10	U	ug/L	0.80	10	2.0
Bromodichloromethane	10	U	ug/L	0.80	10	2.0
Bromoform	10	U	ug/L	1.6	10	2.0
Bromomethane	10	U	ug/L	2.4	10	2.0
2-Butanone (MEK)	20	U	ug/L	2.4	20	2.0
Carbon disulfide	10	U	ug/L	1.8	10	2.0
Carbon tetrachloride	10	U	ug/L	2.0	10	2.0
Chlorobenzene	10	U	ug/L	0.80	10	2.0
Chloroethane	10	U	ug/L	1.6	10	2.0
Freon 113	10	U	ug/L	1.0	10	2.0
Chloroform	10	U	ug/L	1.4	10	2.0
Chloromethane	10	U	ug/L	1.0	10	2.0
Dibromochloromethane	10	U	ug/L	1.0	10	2.0
1,1-Dichloroethane	10	U	ug/L	1.2	10	2.0
1,2-Dichloroethane	10	U	ug/L	1.2	10	2.0
1,1-Dichloroethene	10	U	ug/L	1.4	10	2.0
1,2-Dichloropropane	10	U	ug/L	1.8	10	2.0
cis-1,3-Dichloropropene	10	U	ug/L	1.0	10	2.0
trans-1,3-Dichloropropene	10	U	ug/L	1.6	10	2.0
Ethylbenzene	10	U	ug/L	2.0	10	2.0
2-Hexanone	20	U	ug/L	1.6	20	2.0
Methylene Chloride	1.1	J	ug/L	0.80	10	2.0
4-Methyl-2-pentanone (MIBK)	20	U	ug/L	1.4	20	2.0
Styrene	10	U	ug/L	1.0	10	2.0
1,1,2,2-Tetrachloroethane	10	U	ug/L	0.80	10	2.0
Tetrachloroethene	88		ug/L	1.0	10	2.0
Toluene	10	U	ug/L	0.60	10	2.0
1,1,1-Trichloroethane	3.1	J	ug/L	0.80	10	2.0
1,1,2-Trichloroethane	10	U	ug/L	1.2	10	2.0
Trichloroethene	200		ug/L	1.4	10	2.0
Vinyl chloride	10	U	ug/L	1.6	10	2.0
Xylenes, Total	10	U	ug/L	2.0	10	2.0
cis-1,2-Dichloroethene	14		ug/L	1.2	10	2.0
trans-1,2-Dichloroethene	10	U	ug/L	1.0	10	2.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	%	53 - 125
4-Bromofluorobenzene	110	%	73 - 127
Dibromofluoromethane	121	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-4
Lab Sample ID: 420-8066-17

Date Sampled: 10/05/2006 1610
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/13/2006 1136			
Prep Method: 5030B	Date Prepared:	10/13/2006 1136			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	107	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-4
Lab Sample ID: 420-8066-17

Date Sampled: 10/05/2006 1610
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 2014			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	45000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	14000		ug/L	5000	5000	1.0
Mn	130		ug/L	15	15	1.0
Na	54000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1423			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.34		ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	170		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	170		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 2000			
Sulfate	51	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	33		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: RBLK-06401
Lab Sample ID: 420-8066-18

Date Sampled: 10/05/2006 1555
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 1937			
Prep Method: 5030B	Date Prepared:		10/12/2006 1937			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119	%	53 - 125
4-Bromofluorobenzene	112	%	73 - 127
Dibromofluoromethane	123	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: RBLK-06401
Lab Sample ID: 420-8066-18

Date Sampled: 10/05/2006 1555
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 1937			
Prep Method: 5030B	Date Prepared:	10/12/2006 1937			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	108	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: RBLK-06401
Lab Sample ID: 420-8066-18

Date Sampled: 10/05/2006 1555
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 2019			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1237			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	5000	U	ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	5000	U	ug/L	5000	5000	1.0
Mn	15	U	ug/L	15	15	1.0
Na	5000	U	ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1427			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	5.0	U	mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1548			
Sulfate	5.0	U *	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	10		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-5
Lab Sample ID: 420-8066-19

Date Sampled: 10/05/2006 1730
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/13/2006 1203			
Prep Method: 5030B	Date Prepared:		10/13/2006 1203			
Acetone	5.2	J B	ug/L	2.8	20	2.0
Benzene	10	U	ug/L	0.80	10	2.0
Bromodichloromethane	10	U	ug/L	0.80	10	2.0
Bromoform	10	U	ug/L	1.6	10	2.0
Bromomethane	10	U	ug/L	2.4	10	2.0
2-Butanone (MEK)	20	U	ug/L	2.4	20	2.0
Carbon disulfide	10	U	ug/L	1.8	10	2.0
Carbon tetrachloride	10	U	ug/L	2.0	10	2.0
Chlorobenzene	10	U	ug/L	0.80	10	2.0
Chloroethane	10	U	ug/L	1.6	10	2.0
Freon 113	10	U	ug/L	1.0	10	2.0
Chloroform	1.9	J	ug/L	1.4	10	2.0
Chloromethane	10	U	ug/L	1.0	10	2.0
Dibromochloromethane	10	U	ug/L	1.0	10	2.0
1,1-Dichloroethane	10	U	ug/L	1.2	10	2.0
1,2-Dichloroethane	10	U	ug/L	1.2	10	2.0
1,1-Dichloroethene	10	U	ug/L	1.4	10	2.0
1,2-Dichloropropane	10	U	ug/L	1.8	10	2.0
cis-1,3-Dichloropropene	10	U	ug/L	1.0	10	2.0
trans-1,3-Dichloropropene	10	U	ug/L	1.6	10	2.0
Ethylbenzene	10	U	ug/L	2.0	10	2.0
2-Hexanone	20	U	ug/L	1.6	20	2.0
Methylene Chloride	3.5	J	ug/L	0.80	10	2.0
4-Methyl-2-pentanone (MIBK)	20	U	ug/L	1.4	20	2.0
Styrene	10	U	ug/L	1.0	10	2.0
1,1,2,2-Tetrachloroethane	10	U	ug/L	0.80	10	2.0
Tetrachloroethene	100		ug/L	1.0	10	2.0
Toluene	10	U	ug/L	0.60	10	2.0
1,1,1-Trichloroethane	10	U	ug/L	0.80	10	2.0
1,1,2-Trichloroethane	10	U	ug/L	1.2	10	2.0
Trichloroethene	130		ug/L	1.4	10	2.0
Vinyl chloride	10	U	ug/L	1.6	10	2.0
Xylenes, Total	10	U	ug/L	2.0	10	2.0
cis-1,2-Dichloroethene	4.6	J	ug/L	1.2	10	2.0
trans-1,2-Dichloroethene	10	U	ug/L	1.0	10	2.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	%	53 - 125
4-Bromofluorobenzene	111	%	73 - 127
Dibromofluoromethane	121	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-5
Lab Sample ID: 420-8066-19

Date Sampled: 10/05/2006 1730
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/13/2006 1203			
Prep Method: 5030B	Date Prepared:	10/13/2006 1203			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	108	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-5
Lab Sample ID: 420-8066-19

Date Sampled: 10/05/2006 1730
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 2128			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1242			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	110000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	7100		ug/L	5000	5000	1.0
Mg	28000		ug/L	5000	5000	1.0
Mn	310		ug/L	15	15	1.0
Na	130000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1437			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.81		ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	120		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	120		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1558			
Sulfate	20	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	360		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-10
Lab Sample ID: 420-8066-20

Date Sampled: 10/06/2006 0735
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 2031			
Prep Method: 5030B	Date Prepared:		10/12/2006 2031			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	0.95	J	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	28		ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	30		ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	1.6	J	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122	%	53 - 125
4-Bromofluorobenzene	111	%	73 - 127
Dibromofluoromethane	125	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-10
Lab Sample ID: 420-8066-20

Date Sampled: 10/06/2006 0735
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 2031			
Prep Method: 5030B	Date Prepared:	10/12/2006 2031			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	108	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-10
Lab Sample ID: 420-8066-20

Date Sampled: 10/06/2006 0735
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 2133			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1242			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	51000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	16000		ug/L	5000	5000	1.0
Mn	25		ug/L	15	15	1.0
Na	69000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1447			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	150		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	150		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1607			
Sulfate	30	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/07/2006 0900			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	87		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-8 (15.5-16.0)
Lab Sample ID: 420-8066-21

Date Sampled: 10/02/2006 1600
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 9060	Date Analyzed:	10/14/2006 1512			
Total Organic Carbon - Duplicates	6600	mg/Kg	25	100	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-8 (15.5-16.0)
Lab Sample ID: 420-8066-21

Date Sampled: 10/02/2006 1600
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: PercentMoisture	Date Analyzed:		10/12/2006 1627			
Percent Moisture	22	H	%	0.10	0.10	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-7 (15.6-17.0)
Lab Sample ID: 420-8066-22

Date Sampled: 10/03/2006 0835
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 9060	Date Analyzed:	10/14/2006 1525			
Total Organic Carbon - Duplicates	9900	mg/Kg	25	100	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-7 (15.6-17.0)
Lab Sample ID: 420-8066-22

Date Sampled: 10/03/2006 0835
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9045C	Date Analyzed:		10/13/2006 1700			
pH	8.30		SU	0.100	0.100	1.0
Method: PercentMoisture	Date Analyzed:		10/12/2006 1627			
Percent Moisture	20	H	%	0.10	0.10	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-6 (20-21)
Lab Sample ID: 420-8066-23

Date Sampled: 10/03/2006 1020
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 9060	Date Analyzed:	10/14/2006 1538			
Total Organic Carbon - Duplicates	8800	mg/Kg	25	100	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-6 (20-21)
Lab Sample ID: 420-8066-23

Date Sampled: 10/03/2006 1020
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9045C	Date Analyzed:		10/13/2006 1700			
pH	8.23		SU	0.100	0.100	1.0
Method: PercentMoisture	Date Analyzed:		10/12/2006 1627			
Percent Moisture	23	H	%	0.10	0.10	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-3 (11-12)
Lab Sample ID: 420-8066-24

Date Sampled: 10/03/2006 1235
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 9060	Date Analyzed:	10/14/2006 1551			
Total Organic Carbon - Duplicates	1400	mg/Kg	25	100	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-3 (11-12)
Lab Sample ID: 420-8066-24

Date Sampled: 10/03/2006 1235
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9045C	Date Analyzed:		10/13/2006 1700			
pH	7.73		SU	0.100	0.100	1.0
Method: PercentMoisture	Date Analyzed:		10/12/2006 1627			
Percent Moisture	24	H	%	0.10	0.10	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-2 (11-12)
Lab Sample ID: 420-8066-25

Date Sampled: 10/03/2006 1330
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 9060	Date Analyzed:	10/14/2006 1637			
Total Organic Carbon - Duplicates	7000	mg/Kg	25	100	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-2 (11-12)
Lab Sample ID: 420-8066-25

Date Sampled: 10/03/2006 1330
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9045C	Date Analyzed:		10/13/2006 1700			
pH	8.39		SU	0.100	0.100	1.0
Method: PercentMoisture	Date Analyzed:		10/12/2006 1627			
Percent Moisture	16	H	%	0.10	0.10	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-5 (16-17)
Lab Sample ID: 420-8066-26

Date Sampled: 10/03/2006 1640
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 9060	Date Analyzed:	10/14/2006 1650			
Total Organic Carbon - Duplicates	5500	mg/Kg	25	100	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-5 (16-17)
Lab Sample ID: 420-8066-26

Date Sampled: 10/03/2006 1640
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 9045C	Date Analyzed:		10/13/2006 1700			
pH	8.54		SU	0.100	0.100	1.0
Method: PercentMoisture	Date Analyzed:		10/12/2006 1627			
Percent Moisture	15	H	%	0.10	0.10	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: SW-1
Lab Sample ID: 420-8066-27

Date Sampled: 10/06/2006 0755
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/13/2006 1946			
Prep Method: 5030B	Date Prepared:		10/13/2006 1946			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	%	53 - 125
4-Bromofluorobenzene	111	%	73 - 127
Dibromofluoromethane	123	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: SW-1
Lab Sample ID: 420-8066-27

Date Sampled: 10/06/2006 0755
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/13/2006 1946			
Prep Method: 5030B	Date Prepared:	10/13/2006 1946			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	107	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: TBLK-06402
Lab Sample ID: 420-8066-28

Date Sampled: 10/06/2006 0000
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/13/2006 1919			
Prep Method: 5030B	Date Prepared:		10/13/2006 1919			
Acetone	1.9	J B	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	%	53 - 125
4-Bromofluorobenzene	113	%	73 - 127
Dibromofluoromethane	123	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: TBLK-06402
Lab Sample ID: 420-8066-28

Date Sampled: 10/06/2006 0000
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/13/2006 1919			
Prep Method: 5030B	Date Prepared:	10/13/2006 1919			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	106	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-9
Lab Sample ID: 420-8066-29

Date Sampled: 10/06/2006 1010
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/13/2006 2012			
Prep Method: 5030B	Date Prepared:		10/13/2006 2012			
Acetone	1.5	J B	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	%	53 - 125
4-Bromofluorobenzene	110	%	73 - 127
Dibromofluoromethane	123	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-9
Lab Sample ID: 420-8066-29

Date Sampled: 10/06/2006 1010
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/13/2006 2012			
Prep Method: 5030B	Date Prepared:	10/13/2006 2012			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	106	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-9
Lab Sample ID: 420-8066-29

Date Sampled: 10/06/2006 1010
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 2139			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1242			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	210		ug/L	200	200	1.0
Ca	110000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
Mg	32000		ug/L	5000	5000	1.0
Mn	700		ug/L	15	15	1.0
Na	110000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 2144			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1242			
K	16000		ug/L	10000	10000	2.0
Method: 245.1	Date Analyzed:		10/17/2006 1450			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.39		ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	100		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	100		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 2037			
Sulfate	61	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/09/2006 1100			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PRB-9
Lab Sample ID: 420-8066-29

Date Sampled: 10/06/2006 1010
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 4500 CL B	Date Analyzed:	10/13/2006 1005			
Chloride	350	mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: SW-2
Lab Sample ID: 420-8066-30

Date Sampled: 10/06/2006 1000
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/13/2006 2040			
Prep Method: 5030B	Date Prepared:		10/13/2006 2040			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119	%	53 - 125
4-Bromofluorobenzene	108	%	73 - 127
Dibromofluoromethane	124	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: SW-2
Lab Sample ID: 420-8066-30

Date Sampled: 10/06/2006 1000
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/13/2006 2040			
Prep Method: 5030B	Date Prepared:	10/13/2006 2040			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	106	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-9
Lab Sample ID: 420-8066-31

Date Sampled: 10/06/2006 1105
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/13/2006 2107			
Prep Method: 5030B	Date Prepared:		10/13/2006 2107			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	7.3		ug/L	0.80	5.0	1.0
Freon 113	0.69	J	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	72		ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	2.6	J	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	32		ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	11		ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	1.5	J	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121	%	53 - 125
4-Bromofluorobenzene	109	%	73 - 127
Dibromofluoromethane	126	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-9
Lab Sample ID: 420-8066-31

Date Sampled: 10/06/2006 1105
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/13/2006 2107			
Prep Method: 5030B	Date Prepared:	10/13/2006 2107			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	106	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-9
Lab Sample ID: 420-8066-31

Date Sampled: 10/06/2006 1105
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 2149			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1242			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	73000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	5200		ug/L	5000	5000	1.0
Mg	17000		ug/L	5000	5000	1.0
Mn	6700		ug/L	15	15	1.0
Na	45000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1454			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.94		ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	240		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	230		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 1644			
Sulfate	5.0	U	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/09/2006 1100			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	44		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-10(21.5-22.0)
Lab Sample ID: 420-8066-32

Date Sampled: 10/06/2006 1035
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 9060	Date Analyzed:	10/14/2006 1703			
Total Organic Carbon - Duplicates	4500	mg/Kg	25	100	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-10(21.5-22.0)
Lab Sample ID: 420-8066-32

Date Sampled: 10/06/2006 1035
Date Received: 10/06/2006 1158
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: PercentMoisture	Date Analyzed:	10/12/2006 1627			
Percent Moisture	16	%	0.10	0.10	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-10
Lab Sample ID: 420-8066-33

Date Sampled: 10/06/2006 1210
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/16/2006 1136			
Prep Method: 5030B	Date Prepared:		10/16/2006 1136			
Acetone	3.2	J B	ug/L	2.8	20	2.0
Benzene	10	U	ug/L	0.80	10	2.0
Bromodichloromethane	10	U *	ug/L	0.80	10	2.0
Bromoform	10	U	ug/L	1.6	10	2.0
Bromomethane	10	U	ug/L	2.4	10	2.0
2-Butanone (MEK)	20	U	ug/L	2.4	20	2.0
Carbon disulfide	10	U	ug/L	1.8	10	2.0
Carbon tetrachloride	10	U	ug/L	2.0	10	2.0
Chlorobenzene	10	U	ug/L	0.80	10	2.0
Chloroethane	15		ug/L	1.6	10	2.0
Freon 113	1.0	J	ug/L	1.0	10	2.0
Chloroform	10	U	ug/L	1.4	10	2.0
Chloromethane	10	U	ug/L	1.0	10	2.0
Dibromochloromethane	10	U	ug/L	1.0	10	2.0
1,1-Dichloroethane	110		ug/L	1.2	10	2.0
1,2-Dichloroethane	10	U	ug/L	1.2	10	2.0
1,1-Dichloroethene	10	U	ug/L	1.4	10	2.0
1,2-Dichloropropane	10	U	ug/L	1.8	10	2.0
cis-1,3-Dichloropropene	10	U	ug/L	1.0	10	2.0
trans-1,3-Dichloropropene	10	U	ug/L	1.6	10	2.0
Ethylbenzene	10	U	ug/L	2.0	10	2.0
2-Hexanone	20	U	ug/L	1.6	20	2.0
Methylene Chloride	1.0	J B	ug/L	0.80	10	2.0
4-Methyl-2-pentanone (MIBK)	20	U	ug/L	1.4	20	2.0
Styrene	10	U	ug/L	1.0	10	2.0
1,1,2,2-Tetrachloroethane	10	U	ug/L	0.80	10	2.0
Tetrachloroethene	10	U	ug/L	1.0	10	2.0
Toluene	10	U	ug/L	0.60	10	2.0
1,1,1-Trichloroethane	31		ug/L	0.80	10	2.0
1,1,2-Trichloroethane	10	U	ug/L	1.2	10	2.0
Trichloroethene	8.0	J	ug/L	1.4	10	2.0
Vinyl chloride	10	U	ug/L	1.6	10	2.0
Xylenes, Total	10	U	ug/L	2.0	10	2.0
cis-1,2-Dichloroethene	1.8	J	ug/L	1.2	10	2.0
trans-1,2-Dichloroethene	10	U	ug/L	1.0	10	2.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	%	53 - 125
4-Bromofluorobenzene	109	%	73 - 127
Dibromofluoromethane	128	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-10
Lab Sample ID: 420-8066-33

Date Sampled: 10/06/2006 1210
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/16/2006 1136			
Prep Method: 5030B	Date Prepared:	10/16/2006 1136			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	103	%		63 - 121	

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RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: PZ-10
Lab Sample ID: 420-8066-33

Date Sampled: 10/06/2006 1210
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 2155			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1242			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	85000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	6800		ug/L	5000	5000	1.0
Mg	19000		ug/L	5000	5000	1.0
Mn	6100		ug/L	15	15	1.0
Na	36000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1457			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2320B	Date Analyzed:		10/13/2006 0944			
Alkalinity	280		mg/L	5.0	5.0	1.0
Carbonate Alkalinity as CaCO3	5.0	U	mg/L	5.0	5.0	1.0
Bicarbonate Alkalinity as CaCO3	270		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		10/10/2006 2028			
Sulfate	50	*	mg/L	5.0	5.0	1.0
Method: 376.2	Date Analyzed:		10/09/2006 1100			
Sulfide	0.10	U	mg/L	0.10	0.10	1.0
Method: 4500 CL B	Date Analyzed:		10/13/2006 1005			
Chloride	30		mg/L	5.0	5.0	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: Purge Water
Lab Sample ID: 420-8066-34

Date Sampled: 10/06/2006 1225
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/16/2006 1203			
Prep Method: 5030B	Date Prepared:		10/16/2006 1203			
Acetone	2.1	J B	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U *	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	8.2		ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	3.8	J	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	2.6	J	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	7.6		ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	1.7	J	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	0.84	J	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118	%	53 - 125
4-Bromofluorobenzene	109	%	73 - 127
Dibromofluoromethane	129	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: Purge Water
Lab Sample ID: 420-8066-34

Date Sampled: 10/06/2006 1225
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/16/2006 1203			
Prep Method: 5030B	Date Prepared:		10/16/2006 1203			
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	102		%		63 - 121	
Method: 8270C	Date Analyzed:		10/12/2006 1722			
Prep Method: 3510C	Date Prepared:		10/11/2006 0000			
Acenaphthene	10	U	ug/L	0.70	10	1.0
Acenaphthylene	10	U	ug/L	0.78	10	1.0
Anthracene	10	U	ug/L	1.0	10	1.0
Benzo[a]anthracene	10	U	ug/L	0.77	10	1.0
Benzo[a]pyrene	10	U	ug/L	0.50	10	1.0
Benzo[b]fluoranthene	10	U	ug/L	0.95	10	1.0
Benzo[g,h,i]perylene	10	U	ug/L	0.32	10	1.0
Benzo[k]fluoranthene	10	U	ug/L	0.94	10	1.0
Bis(2-chloroethoxy)methane	10	U	ug/L	1.2	10	1.0
Bis(2-chloroethyl)ether	10	U	ug/L	1.1	10	1.0
Bis(2-ethylhexyl) phthalate	10	U	ug/L	1.3	10	1.0
Butyl benzyl phthalate	10	U	ug/L	0.99	10	1.0
Carbazole	10	U	ug/L	0.76	10	1.0
Chrysene	10	U	ug/L	1.2	10	1.0
Di-n-butyl phthalate	10	U	ug/L	1.3	10	1.0
Di-n-octyl phthalate	10	U	ug/L	0.98	10	1.0
4-Bromophenyl phenyl ether	10	U	ug/L	0.68	10	1.0
4-Chloroaniline	10	U	ug/L	0.90	10	1.0
2-Chloronaphthalene	10	U	ug/L	1.1	10	1.0
4-Chlorophenyl phenyl ether	10	U	ug/L	0.73	10	1.0
Dibenz(a,h)anthracene	10	U	ug/L	0.24	10	1.0
Dibenzofuran	10	U	ug/L	0.84	10	1.0
Diethyl phthalate	10	U	ug/L	3.6	10	1.0
Dimethyl phthalate	10	U	ug/L	0.92	10	1.0
1,2-Dichlorobenzene	10	U	ug/L	0.55	10	1.0
1,3-Dichlorobenzene	10	U	ug/L	0.29	10	1.0
1,4-Dichlorobenzene	10	U	ug/L	0.52	10	1.0
3,3'-Dichlorobenzidine	10	U	ug/L	0.96	10	1.0
2,4-Dinitrotoluene	10	U	ug/L	0.82	10	1.0
2,6-Dinitrotoluene	10	U	ug/L	0.99	10	1.0
Fluoranthene	10	U	ug/L	0.91	10	1.0
Fluorene	10	U	ug/L	0.71	10	1.0
Hexachlorobenzene	10	U	ug/L	0.81	10	1.0
Hexachlorobutadiene	10	U	ug/L	0.29	10	1.0

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RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: Purge Water
Lab Sample ID: 420-8066-34

Date Sampled: 10/06/2006 1225
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8270C	Date Analyzed:		10/12/2006 1722			
Prep Method: 3510C	Date Prepared:		10/11/2006 0000			
Hexachlorocyclopentadiene	10	U	ug/L	2.2	10	1.0
Hexachloroethane	10	U	ug/L	0.54	10	1.0
Indeno[1,2,3-cd]pyrene	10	U	ug/L	0.32	10	1.0
Isophorone	10	U	ug/L	0.50	10	1.0
2-Methylnaphthalene	10	U	ug/L	0.62	10	1.0
Naphthalene	10	U	ug/L	0.45	10	1.0
2-Nitroaniline	50	U	ug/L	4.2	50	1.0
3-Nitroaniline	50	U	ug/L	0.78	50	1.0
Nitrobenzene	10	U	ug/L	0.62	10	1.0
N-Nitrosodi-n-propylamine	10	U	ug/L	0.65	10	1.0
N-Nitrosodiphenylamine	10	U	ug/L	0.75	10	1.0
Phenanthrene	10	U	ug/L	0.72	10	1.0
Pyrene	10	U	ug/L	0.97	10	1.0
1,2,4-Trichlorobenzene	10	U	ug/L	0.43	10	1.0
4-Chloro-3-methylphenol	10	U	ug/L	0.87	10	1.0
2-Chlorophenol	10	U	ug/L	0.55	10	1.0
2-Methylphenol	10	U	ug/L	0.69	10	1.0
4-Methylphenol	10	U	ug/L	0.48	10	1.0
2,4-Dichlorophenol	10	U	ug/L	0.38	10	1.0
2,4-Dimethylphenol	10	U	ug/L	0.88	10	1.0
2,4-Dinitrophenol	50	U	ug/L	5.1	50	1.0
4,6-Dinitro-2-methylphenol	50	U	ug/L	1.5	50	1.0
2-Nitrophenol	10	U	ug/L	0.51	10	1.0
4-Nitrophenol	50	U	ug/L	1.9	50	1.0
Pentachlorophenol	50	U	ug/L	0.59	50	1.0
Phenol	10	U	ug/L	0.23	10	1.0
2,4,5-Trichlorophenol	50	U	ug/L	1.1	50	1.0
2,4,6-Trichlorophenol	10	U	ug/L	0.89	10	1.0
Benzyl alcohol	10	U	ug/L	1.2	10	1.0
4-Nitroaniline	20	U	ug/L	0.83	20	1.0
2,2'-oxybis[1-chloropropane]	10	U	ug/L	0.90	10	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	83	%	43 - 116
2-Fluorophenol	41	%	21 - 97
2,4,6-Tribromophenol	63	%	29 - 126
Nitrobenzene-d5	72	%	38 - 113
Phenol-d5	25	%	18 - 97
Terphenyl-d14	85	%	10 - 119

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: Purge Water
Lab Sample ID: 420-8066-34

Date Sampled: 10/06/2006 1225
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		11/01/2006 2024			
Prep Method: 200.7 Appx C	Date Prepared:		10/10/2006 1242			
Ag	10	U	ug/L	10	10	1.0
Fe	100	U	ug/L	100	100	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Ca	82000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Cr	10	U	ug/L	10	10	1.0
K	6600		ug/L	5000	5000	1.0
Mg	31000		ug/L	5000	5000	1.0
Mn	1400		ug/L	15	15	1.0
Na	150000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Se	10	U	ug/L	10	10	1.0
Method: 245.1	Date Analyzed:		10/17/2006 1500			
Prep Method: 245.1	Date Prepared:		10/16/2006 1145			
Hg	0.22		ug/L	0.20	0.20	1.0

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: SW-3
Lab Sample ID: 420-8066-35

Date Sampled: 10/06/2006 1245
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/12/2006 2058			
Prep Method: 5030B	Date Prepared:		10/12/2006 2058			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122	%	53 - 125
4-Bromofluorobenzene	111	%	73 - 127
Dibromofluoromethane	123	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: SW-3
Lab Sample ID: 420-8066-35

Date Sampled: 10/06/2006 1245
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/12/2006 2058			
Prep Method: 5030B	Date Prepared:	10/12/2006 2058			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	108	%		63 - 121	

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: DU-06403
Lab Sample ID: 420-8066-36

Date Sampled: 10/06/2006 0000
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/13/2006 1230			
Prep Method: 5030B	Date Prepared:		10/13/2006 1230			
Acetone	10	U	ug/L	1.4	10	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
Freon 113	5.0	U	ug/L	0.50	5.0	1.0
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	%	53 - 125
4-Bromofluorobenzene	107	%	73 - 127
Dibromofluoromethane	125	%	54 - 137

Mr. Michael Parker
RMT, Inc.
30 Patewood Drive
Greenville, SC 29615-3535

Job Number: 420-8066-1

Client Sample ID: DU-06403
Lab Sample ID: 420-8066-36

Date Sampled: 10/06/2006 0000
Date Received: 10/06/2006 1158
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/13/2006 1230			
Prep Method: 5030B	Date Prepared:	10/13/2006 1230			
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	106	%		63 - 121	

DATA REPORTING QUALIFIERS

Client: RMT, Inc. Job Number: 420-8066-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	U	Indicates the analyte was analyzed for but not detected.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
Metals		
	U	Indicates the analyte was analyzed for but not detected.
General Chemistry		
	*	LCS or LCSD exceeds the control limits
	H	Sample was prepped or analyzed beyond the specified holding time
	U	Indicates the analyte was analyzed for but not detected.

8066 1

76800

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CHAIN OF CUSTODY RECORD

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

Project No. 70925.01 | Project/Client: Schlumberger

Project Manager/Contact Person: M. Parker/D. Diefendorf

Lab No.	Yr. 06 Date	Time	Sample Station ID	Total Number of Containers	MATRIX	Analyses Requested: VOCs	Metals	Cl, Alk, Sulfate	Sulfide	Filtered (Yes/No)	Preserved (Code)	Comments:
										N	E	
										N	A	
										N	A	
										N	D	
1	—	—	TBLK-06401	3	DI	X						
2	10/3	0825	PZ-8	6	GW	X	X	X	X			
3	"	1010	PZ-7	6	"	X	X	X	X			
* 4	"	1310	PZ-6	6	"	X	X	X	X			
5	"	1400	PZ-3	6	"	X	X	X	X			
6	"	1515	PZ-2	6	"	X	X	X	X			
7	"	1605	PZ-1	6	"	X	X	X	X			
8	"	1705	PZ-4	6	"	X	X	X	X			
9	10/4	0840	PZ-5	6	"	X	X	X	X			
10	—	—	DU-06401	6	"	X	X	X	X			

PRESERVED CODES
A — NONE
B — HNO_3
C — H_2SO_4
D — NaOH/ZN
E — HCl
F — METHANOL
G — _____

SPECIAL INSTRUCTIONS

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	10-6-06 0905	Duan Ryan	10/6/06 0905
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Duan Ryan	10/6/06 11:05		
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
			10/6/06 15:35

Custody Seal: Present/Absent Intact/Not Intact Seal #s

HAZARDS ASSOCIATED WITH SAMPLES
☐ Flammable
☐ Corrosive
☐ Highly Toxic
☐ Other (list) _____

Turn Around (circle one) Normal Rush
Report Due _____

(For Lab Use Only)
Receipt Temp: 6°
Temp Blank Y N
Receipt pH (Wet/Metals)

F-268 (6/04)

* PZ-6 - 1 VOA broke after received.

WHITE—LABORATORY COPY YELLOW—REPORT APPENDIX PINK—SAMPLER/SUBMITTER

CHAIN OF CUSTODY RECORD

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30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

Project No. 70925.01 | Project/Client: Schlumberger

Project Manager/Contact Person: M. Parker / D. Diefendorf

Lab No.	Yr. 06 Date	Time	Sample Station ID	Total Number of Containers	MATRIX	Analyses Requested: VOCs	Metals	Cl, Alk, Sulfate	Sulfide	Filtered (Yes/No)	Preserved (Code)	Comments:
										N	E	
										N	A	
										N	A	
										N	D	
11	10/4	1205	PRB-8	6	GW	X	X	X	X			
12	10/4	1520	PRB-6	6		X	X	X	X			
13	10/5	0825	PRB-7	6		X	X	X	X			
14		1050	PRB-1	6		X	X	X	X			
15		1215	PRB-2	6		X	X	X	X			
16		1505	PRB-3	6		X	X	X	X			
17		1610	PRB-4	6		X	X	X	X			
18		1555	RBLK-06401	6	DI	X	X	X	X			
19		1730	PRB-5	6	GW	X	X	X	X			
20	10/6	0835	PRB-10	6	GW	X	X	X	X			

PRESERVED CODES
A — NONE
B — HNO_3
C — H_2SO_4
D — NaOH/Zn
E — HCl
F — METHANOL
G — _____

SPECIAL INSTRUCTIONS

SAMPLER Relinquished by (Signature) D. Diefendorf 10-6-06 0905	Received by (Signature) Liam Ryan	Date/Time 10/6/06 0905
Relinquished by (Signature) Liam Ryan	Date/Time 10/6/06 11:05	Received by (Signature) / Date/Time
Relinquished by (Signature) / Date/Time		Received by (Signature) DA Date/Time 10/6/06 1535

HAZARDS ASSOCIATED WITH SAMPLES
☐ Flammable
☐ Corrosive
☐ Highly Toxic
☐ Other (list) _____

Turn Around (circle one) Normal Rush
Report Due _____

(For Lab Use Only)
Receipt Temp: 6 °C
Temp Blank Y N
Receipt pH (Wet/Metals)

Custody Seal: Present/Absent Intact/Not Intact Seal #s

F-268 (6/04)

WHITE—LABORATORY COPY YELLOW—REPORT APPENDIX PINK—SAMPLER/SUBMITTER

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76801

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CHAIN OF CUSTODY RECORD

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

Project No. 70925.01 | Project/Client: Schlumberger

Project Manager/Contact Person: M. Parker / D. Diefendorf

Lab No.	Yr. 06 Date	Time	Sample Station ID	Total Number of Containers	MATRIX	Analyses Requested: TOC	VOCs	Filtered (Yes/No)	Preserved (Code)	Comments:
21	10/2	1600	PZ-8 (15.5-16.0)	1	Soil	X		N	A	
22	10/3	0835	PZ-7 (15.6-17.0)	1	"	X		N	E	
23	"	1020	PZ-6 (20-21)	1	"	X				
24	"	1235	PZ-3 (11-12)	1	"	X				
25	"	1330	PZ-2 (11-12)	1	"	X				
26	"	1640	PZ-5 (16-17)	1	"	X				
27	10/6	0755	SW-1	1	SW		X			
2										

PRESERVED CODES
A — NONE
B — HNO_3
C — H_2SO_4
D — NaOH
E — HCl
F — METHANOL
G — _____

SPECIAL INSTRUCTIONS

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
[signature]	10-6-06 0905	Liam Ryan	10/6/06 0905
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Liam Ryan	10/6/06 11:05		
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
		[signature]	10/6/06 15:35

Custody Seal: Present/Absent Intact/Not Intact Seal #s

HAZARDS ASSOCIATED WITH SAMPLES
☐ Flammable
☐ Corrosive
☐ Highly Toxic
☐ Other (list) _____

Turn Around (circle one) Normal Rush
Report Due _____

(For Lab Use Only)
Receipt Temp: C
Temp Blank Y N
Receipt pH (Wet/Metals)

F-268 (6/04) WHITE—LABORATORY COPY YELLOW—REPORT APPENDIX PINK—SAMPLER/SUBMITTER

8066
76804
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CHAIN OF CUSTODY RECORD

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

Project No. 70925.01 | Project/Client: Schlumberger

Project Manager/Contact Person: M. Parker / D. Diefendorf

Lab No.	Yr. 06 Date	Time	Sample Station ID	Total Number of Containers	MATRIX	VOCs	Metals	Cl, Alk, Sulfate	Sulfide	SVOC	TOC			Comments:
			Filtered (Yes/No)			N	N	N	N	N	N			
			Preserved (Code)			E	A	A	D	A	A			
28	—	—	TBLK-06402	2	DI	X								
29	10/6	1010	PRB-9	6	GW	X	X	X	X					Lab to filter Metals
30		1000	SW-2	3	SW	X								
31		1105	PZ-9	6	GW	X	X	X	X					
32		1035	PZ-10 (21.5-22.0)	1	Soil						X			
33		1210	PZ-10	6	GW	X	X	X	X					
34		1225	Purge Water	7	GW	X	X			X				
35		1245	SW-3	3	SW	X								
36	—	—	DU-06403	3	SW	X								

PRESERVED CODES
A — NONE
B — HNO_3
C — H_2SO_4
D — NaOH/ZN
E — HCl
F — METHANOL
G — _____

SPECIAL INSTRUCTIONS

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	1535 10-6-06		
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
			10/6/06 1535

Custody Seal: Present/Absent Intact/Not Intact Seal #s

HAZARDS ASSOCIATED WITH SAMPLES
☐ Flammable
☐ Corrosive
☐ Highly Toxic
☐ Other (list) _____

Turn Around (circle one) Normal Rush
Report Due _____

(For Lab Use Only)
Receipt Temp: 6 Temp Blank Y N
Receipt pH (Wet/Metals)

F-268 (6/04) WHITE—LABORATORY COPY YELLOW—REPORT APPENDIX PINK—SAMPLER/SUBMITTER

LOGIN SAMPLE RECEIPT CHECK LIST

Client: RMT, Inc. Job Number: 420-8066-1

Login Number: 8066

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