Remedial Action Progress Report (RAPR) for 4th Quarter 2006

L.E. Carpenter & Company
Borough of Wharton
Morris County, New Jersey

USEPA ID No. NJD002168748

February 2007

275481

Remedial Action Progress Report (RAPR) for 4th Quarter 2006

L.E. Carpenter & Company
Borough of Wharton
Morris County, New Jersey

USEPA ID No. NJD002168748

February 2007

Nicholas J. Clevett
Project Manager

James J. Dexter, C.P.G.
Senior Geologist

Jennifer Overvoorde
Project Hydrogeologist

© 2007 RMT, Inc.
All Rights Reserved

Table of Contents

1. Introduction 1-1

2. MW19/Hot Spot 1 Groundwater Monitoring 2-1
   - 2.1 Implementation of the Revised Monitored Natural Attenuation Protocol 2-1
   - 2.2 Sampling Methodology 2-1
   - 2.3 Groundwater Elevations and Flow Direction 2-2
   - 2.4 Delineation of Groundwater Contamination 2-3
     - 2.4.1 Contaminants of Concern (COC) 2-3
     - 2.4.2 MNA Parameters and Data Analysis 2-4

3. Source Reduction Area Sampling 3-1

4. Surface Water Sampling 4-1
   - 4.1 Eastern Drainage Channel 4-1
   - 4.2 Rockaway River 4-2

5. Additional and Future Project Activities 5-1
   - 5.1 Post Remedial Monitoring Plan [PRMP] Implementation and Reporting 5-1
   - 5.2 Regulatory Responses to the 1Q06, 2Q06, and 3Q06 Remedial Action Progress Reports 5-2
   - 5.3 Regulatory Response to the MW19/Hot Spot 1 Soil Gas Investigation 5-2
   - 5.4 Response to Comment Approval for the Source Reduction Remedial Project 5-2
   - 5.5 Emergency Response Activities 5-2
   - 5.6 Wetland Monitoring, Invasive Species Control, and Reporting 5-3

List of Tables

Table 1	Quarterly Groundwater Elevations
Table 2	MW19/Hot Spot 1 Groundwater Monitoring Data
Table 3	MW19/Hot Spot 1 Quarterly Groundwater Monitoring MNA Analytical Data
Table 4	MW19/Hot Spot 1 Quarterly Groundwater Monitoring MNA Field Data
Table 5	Surface Water Monitoring Data

List of Figures

Figure 1	Site Location Map
Figure 2	Site Plan with Well Locations
Figure 3	MW19/Hot Spot 1 Shallow Aquifer Potentiometric Surface Map
Figure 4	MW19/Hot Spot 1 Isoconcentration Map, 4th Quarter 2006
Figure 5	Site-Wide Shallow Groundwater Elevation Contours

List of Appendices

Appendix A	Report Certification
Appendix B	BTEX Concentration Trend Charts
Appendix C	4th Quarter 2006 Monitoring Well Sampling Data
Appendix D	4th Quarter 2006 Laboratory Analytical Report
Appendix E	Project Schedule

Section 1
Introduction

RMT, Inc. (RMT), on behalf of our client, has prepared this Remedial Action Progress Report (RAPR) for the L.E. Carpenter and Company (LEC) ("site") located at 170 North Main Street, Borough of Wharton, Morris County, New Jersey (Figure 1). Quarterly monitoring events and associated progress reports are completed and submitted to NJDEP to comply with paragraph 35 of the 1986 Administrative Consent Order (ACO) issued to LEC by the New Jersey Department of Environmental Protection (NJDEP). We provide a summary of activities completed during the fourth quarter of 2006 (4Q06), including but not limited to, 1) the continued quarterly Contaminant of Concern (COC) and Monitored Natural Attenuation (MNA) groundwater monitoring of both the MW19/Hot Spot 1 Area and source reduction remedial area, 2) surface water quality assessments of the drainage ditch and Rockaway River, and 3) hydrogeologic and hydrologic assessments of shallow site groundwater and adjacent surface water bodies.

We have certified this report in accordance with requirements outlined in N.J.A.C 7:26E-1.5 (Appendix A).

RMT conducted the following tasks during the 4Q06:

- Quarterly monitoring of both the MW19/Hot Spot 1 area, the source reduction area, and adjacent surface water bodies (*i.e.*, Rockaway River and drainage ditch) as required under the 1986 ACO, and as proposed in the Post Remedial Monitoring Plan (PRMP) and various regulatory correspondence (Reference Sections 2 and 3, and Figures 3 and 4).
- Completion of the 2006 Annual Wetland Monitoring, Invasive Species Control, and Reporting requirements required in the NJDEP Land Use Regulation Program (LURP) GP-4 Permit [File No. 1439-04-0001.1 (FWW 040001)] (Reference Section 5).

Discussion of these activities is provided in the referenced sections.

Section 2
MW19/Hot Spot 1 Groundwater Monitoring

2.1 Implementation of the Revised Monitored Natural Attenuation Protocol

In a letter dated January 15, 2004, United States Environmental Protection Agency (USEPA) requested LEC implement the approved May 2001 MNA work plan. Prior to that time, LEC implemented only the low-flow sampling protocols outlined in the MNA work plan. During the second quarter 2004 (2Q04) sampling event, LEC began implementing all aspects of the MNA work plan (*e.g.*, low-flow sampling coupled with full MNA analysis, *etc.*). During the January 6, 2005 source remediation preconstruction meeting, USEPA requested quarterly MNA activities be continued in the MW19/Hot Spot 1 area until the source reduction remedial action was complete and a new site-wide monitoring well network was installed. In a letter dated January 13, 2005, RMT revised the MNA monitoring program due to the modifications made to the LEC site groundwater-monitoring network. A copy of the revised MNA sampling protocol was presented as Appendix D in the first quarter of 2005 (1Q05) monitoring report.

2.2 Sampling Methodology

RMT conducted the 4Q06 groundwater monitoring activities November 6 through November 9, 2006. We performed groundwater monitoring in accordance with the procedures contained in the NJDEP's *Field Sampling Procedures Manual* dated May 1992 (Revised August 2005), and methodologies outlined in our May 2001 MNA work plan. The MNA work plan was approved by NJDEP on January 24, 2002. Locations of the monitoring wells sampled this quarter are shown on Figure 2.

Three sample duplicates, trip blanks, a field (atmosphere) blank, two matrix spike/matrix spike duplicates (MS/MSDs), and three rinsate blanks were collected to satisfy Quality Assurance/Quality Control (QA/QC) requirements outlined in the QAPP. The trip blanks were prepared by the laboratory and remained with the sample containers until the samples were returned to the laboratory where they were analyzed for BTEX. The duplicates were collected from monitoring well MW-19-12 (duplicate sample No. Dup-01), MW-30I (duplicate sample No. Dup-02), and SW-R-2 (duplicate sample No. Dup-03), and were analyzed for BTEX and di(2-ethylhexyl)phthalate (DEHP). Dup-01 and Dup-02 were also analyzed for MNA

parameters. Rinsate blank RB-01 and RB-02 were collected by circulating distilled water through the cleaned bladder pump assemblies to verify the decontamination procedures were adequate. A third rinsate blank (RB-03) was collected by circulating distilled water through the clean stainless steel scoop cup that was used to collect the surface water samples. Any sampling equipment used at each well was decontaminated prior to each use utilizing an environmental detergent (Alconox) and clean water wash followed by a distilled water rinse. The field (atmosphere) blank was taken by opening a bottle of unpreserved de-ionized water provided by the laboratory, leaving the bottle open during the sampling of one well, and pouring that water directly into clean sample bottles with added preservative also provided by the laboratory. RMT submitted all samples to Lancaster Laboratories, Inc. (Lancaster), located in Lancaster, Pennsylvania for BTEX, DEHP, and MNA parameter analysis per the current MNA groundwater monitoring protocol (State of New Jersey Lab Certification No. PA011).

2.3 Groundwater Elevations and Flow Direction

RMT measured static groundwater levels from 33 different locations (Figure 2) on November 6, 2006. A large amount of rainfall fell during the beginning of the quarterly sampling event and significant changes in the water levels were observed during the groundwater sampling. Therefore, RMT re-measured static groundwater levels from the same 33 locations on November 9, 2006. These data were used to calculate groundwater elevations with respect to the National Geodetic Vertical Datum (NGVD) and are summarized on Table 1. Surface water elevation measurements were also collected from the newly surveyed surface water monitoring points SW-R1, SW-R2, SW-R3, SW-R4, SW-R5, and SW-R6, and from the resurveyed drainage ditch staff gauge locations SW-D-1, SW-D-2, SW-D-3 (Table 1). Existing location SG-R1 has been replaced by SW-R5. Surface water elevation data from existing location Rockaway River staff gauge SG-R2 was also measured. All this data was used to calculate groundwater elevations and evaluate the groundwater flow pattern in the shallow aquifer system. A preliminary site-wide contour map has been prepared and is discussed further in Section 3 of this report.

Figure 3 displays the MW19/Hot Spot 1 Area shallow groundwater elevation contours, and shows the shallow groundwater flow direction is generally similar to that observed historically (generally toward the northeast). From a regional flow standpoint, overall flow is controlled by the Washington Forge Pond and the Rockaway River. The Rockaway River eventually captures groundwater from MW-19/Hot Spot 1 Area.

Groundwater elevation data obtained for the MW-19 area wells show that MW-19-12 is indeed directly downgradient from the leading edge of residual groundwater contamination (Figures 3 and 4). The 4Q06 groundwater sample laboratory test results for MW-19-12 show no detectable constituents of concern. These data confirm that the lateral extent of residual groundwater

contamination is predominantly limited to the LEC site property, and extends only slightly into the Ross Street right-of-way (see Section 2.4 below and Figure 4).

2.4 Delineation of Groundwater Contamination

2.4.1 Contaminants of Concern (COC)

Table 2 summarizes concentrations of BTEX and DEHP for all of the MW-19/Hot Spot 1 area MNA groundwater monitoring wells. The lateral distribution of total BTEX concentrations in the MW-19/Hot Spot 1 Area is shown on Figure 4. RMT sampled groundwater from these wells on November 7 – 8, 2006. Corresponding field sampling data and analytical laboratory reports are presented in Appendix C and Appendix D, respectively.

The New Jersey Groundwater Quality Standard (NJGWQS) for DEHP, 30 µg/L, is not exceeded in any of the MW-19 area monitoring wells sampled during the 4Q06 monitoring event. Toluene and total xylenes exceed the NJGWQS of 1000 µg/L and 40 µg/L, respectively, in groundwater collected from MW-19 and MW-19-5. Groundwater sampled from MW-19-7 also exceeded the NJGWQS for benzene. Furthermore, monitoring well MW-19 exceeded the NJGWQS for ethylbenzene.

MW-19 is located close to the former 10,000-gallon underground storage tanks (USTs) (USTs E-3 and E-4) that were likely responsible for the resulting DEHP and BTEX constituents in shallow groundwater. These former USTs are no longer a continuing source for DEHP and BTEX contamination in this area because LEC removed them in 1991 along with some of the nearby impacted soils. In addition, the LEC printing processes and material storage practices that occurred in Building 9 that may have resulted in releases of both DEHP and BTEX were stopped in 1987. However, residual soil contamination between MW-19 and MW-19-5 were reportedly left in place, and water table fluctuations, as well as rainfall infiltration events, are likely responsible for observed variations of the dissolved groundwater contaminants being detected currently (Appendix B).

No BTEX or DEHP have ever been detected in MW-19-11. However, as described above, for the eighth time since MW-19-11 was installed, data show northeasterly groundwater flows slightly more to the north between MW-19-7 and MW-19-11. During the second quarter of 2006 (2Q06) MW-19-12 was installed between MW-19-7 and MW-19-11 in order to determine if dissolved BTEX constituents existed further northeast towards the residences on Ross Street. As discussed above, data continues to show that MW-19-12 is indeed downgradient of MW-19-7 and no BTEX or DEHP were detected in MW-19-12.

As shown on Figure 4, this indicates that existing residual groundwater contamination in the MW-19 area is limited in extent.

The trend charts in Appendix B show that downgradient migration is limited to the near vicinity of MW-19-7 because the bulk of past monitoring events show that MW-19-7 is directly downgradient from MW-19-5 (as described above), and the concentrations in MW-19-7 are shown to rise only slightly following relatively large upward spikes in COC concentration in MW-19-5. The COC plume appears to exist under relatively equilibrium conditions [as described further below during the discussion of natural attenuation (NA)] although possibly affected by short-lived pulses of contaminant flow, which reaches its maximum distance following major infiltration and water table fluctuation events. Monitoring well MW-19-12 (Figures 3 and 4) verifies the limited area of dissolved COC contamination that this plume is in equilibrium, and assures that COCs are not migrating across Ross Street.

Figure 4 shows isoconcentration contours for total BTEX levels in parts per million (ppm or mg/L). The contours were constructed by taking in to account total concentrations together with particle flow-paths that would occur normal to the groundwater elevation contours. The distribution of total BTEX defined by the isoconcentration contours is consistent with the groundwater flow direction defined by the groundwater elevation contours.

The lack of downward migration of contaminants is evidenced by a lack of detectable constituents in MW-19-D, and further supported/verified by historical groundwater head data that continues to show upward vertical hydraulic gradients. This upward vertical gradient is consistent with all other former deep/shallow well clusters across the site and is a function of the hydraulic head induced by the Washington Pond Reservoir, and regional discharge to the Rockaway River. These findings are consistent with an earlier RMT prediction of an upward vertical gradient for this location based on nearby piezometers GEI-2I and GEI-2S, and other upward vertical gradients observed across the site. The Washington Forge Pond (at an elevation of approximately 640 feet), and the Rockaway River act as constant head boundaries, and together comprise a regional aquifer discharge area.

2.4.2 MNA Parameters and Data Analysis

Tables 3 and 4 summarize the MNA laboratory analytical and field data, respectively. The current quarterly groundwater-monitoring program, as a result of recent modification to the LEC site groundwater monitoring well network, was revised on January 13, 2005, and put into affect for 1Q05 sampling. The sampling and testing was

done in accordance with the revised MNA sampling protocol presented as Appendix D in the 1Q05 monitoring report.

Natural attenuation of petroleum hydrocarbons via biodegradation (also known as intrinsic bioremediation) has been documented to be a universal phenomenon in that it occurs at 100% of sites with BTEX hydrocarbon contamination, and is found to be protective at >80% of those sites (Wiedemeier, 1997). Given the low concentrations exhibited over most of the sampling history for MW-19-7 (relative to MW-19-5), and results of NA parameter testing (described in more detail below), LEC believes that intrinsic bioremediation is likely protective of the environment at the site.

The main difference that exists with respect to distribution of contaminants at various sites is related to the distance contaminants migrate before an "equilibrated" zone of degradation occurs. Because the data for MW-19-5 shows increased mass flux of contaminants from vadose to dissolved phase as a function of infiltration and water table fluctuation, and because hydraulic data suggests that MW-19-11 is not downgradient from the zone of residual soil contamination, MW-19-12 was installed to assure that the full lateral extent of the plume is known. As shown in the 2Q06 and 3Q06 reports, MW-12 continues to be hydraulically downgradient from the MW-19 Hot Spot residual source area (Figure 3). Consistent with the conclusion that residual soil contamination in the vadose zone is very limited in extent, and that the dissolved-phase groundwater "plume" exists largely under equilibrium conditions, MW-19-12 was again non-detect for BTEX and DEHP in 4Q06.

Note that MW-19-7 did not appear to be directly downgradient during the third quarter of 2004 (3Q04) (August 2004), the 3Q05 (July 2005) and the 4Q06 (November 2006) events, which are likely the reason that concentrations were non-detect or just slightly elevated above detection for those three events. However, it is also important to note that often when concentrations from the residual source area (currently represented mostly by results from MW-19-5) spike upwards [as in the second quarter of 2002 (2Q02) and 2Q04 events], concentrations also rise but remain relatively low at MW-19-7, which based on the groundwater contours for those events was directly downgradient from MW-19-5. This further supports the idea that the zone of dissolved groundwater contamination that is elevated above NJDEP cleanup criteria and is sourced from infiltration through residual soil contamination in the vadose zone is very limited in extent.

Intrinsic Bioremediation

The following is an expanded discussion of NA parameter testing results that supports the occurrence of intrinsic bioremediation within the MW-19/Hot Spot 1 Area.

Where NA processes are present, groundwater contamination stops migrating at some finite distance from the source because biodegradation prevents plume expansion once relative equilibrium conditions have been achieved with respect to microbially mediated processes. Based on isoconcentration maps from the past two years and the data in Table 2, it appears that the size and shape of the plume within the MW19/Hot Spot 1 Areas have remained relatively constant. At the upgradient edge of residual soil contamination MW-19 shows clear evidence of significant concentration reductions over time. Within or immediately adjacent to the downgradient edge of residual soil contamination, MW-19-5 shows variable concentrations over time related to infiltration and water table fluctuation events. Further downgradient from the residual soil contamination MW-19-7 shows the least amount of BTEX concentrations and the highest concentrations of various NA parameters that are produced as a function of biodegradation.

Numerous researchers have shown that BTEX biodegrades via aerobic respiration, denitrification, manganese reduction, iron (III) reduction, sulfate reduction, and methanogenesis. Therefore, indicator parameters (Tables 3 and 4), such as iron, dissolved oxygen, sulfate, methane, and nitrate, that the micro-organisms need and use to biodegrade petroleum hydrocarbons can be monitored and evaluated between monitoring wells that are upgradient, downgradient, or within the plume area itself. The low concentrations of sulfate and nitrate observed within the plume (*e.g.*, MW-19-5), as compared to upgradient concentrations (*e.g.*, MW-19-4), are positive evidence biodegradation is taking place in the MW-19/Hot Spot 1 Area. In addition, several other parameters, such as carbon dioxide (CO_2), alkalinity, methane, and ferrous iron, are produced by the same micro-organisms during contaminant degradation and are also being monitored and tracked across the site. Within the MW-19/Hot Spot 1 plume area, the concentrations of all four previously mentioned parameters are significantly higher than compared to background concentrations.

The occurrence of biodegradation via methanogenesis is clearly demonstrated by comparing methane concentrations (Table 3) from the background well

(MW-19-4) through residual source area wells (MW-19 and MW-19-5), to the wells downgradient of residual source area (MW-19-7 and MW-19-12). Methane is not detected in the background well, but is elevated within or just downgradient from the residual source area, especially during those times of concentration spikes caused by infiltration events and/or water table fluctuations (note that methane concentrations decrease significantly during those periods of lower concentrations in groundwater within the residual source area). Specifically, methane was detected in MW-19 (1.70 ppm) and in MW-19-5 (0.64 ppm) during the 4Q06 event. As the biodegradation process consumes more of the BTEX, methane levels become much higher in the next downgradient well, MW-19-7 (5.6 ppm during the 4Q06 event), while the total BTEX concentrations decrease (from 24.41 ppm in MW-19-5 to 0.03 ppm in MW-19-7 for 4Q06). Proceeding further downgradient to the new well MW-19-12, the methane concentration drops (0.13 ppm), while the total BTEX concentration drops to non-detectable levels (similar to the background well MW-19-4). These data, together with the trend to much lower total BTEX concentrations in MW-19-7 to non-detect in MW-19-12, indicate that biodegradation of BTEX compounds reaches completion a relatively short distance downgradient from MW-19-7 (between MW-19-7 and MW-19-12).

These data show that intrinsic bioremediation processes are strong and actively working to break down BTEX components related to residual soil contamination. NA parameters will continue to be monitored and as more data is received future evaluations will be performed and updates submitted with quarterly monitoring reports.

Section 3
Source Reduction Area Sampling

This 4Q06 event marks the third time the limited new PRMP wells have been sampled [the PRMP wells slated to be installed in the Wharton Enterprises property wetland area are currently awaiting approval of a GP-14 wetland and Stream Encroachment permit from the NJDEP Land Use Regulation Program (LURP)].

We have prepared a site-wide groundwater contour map (Figure 5). The contours were prepared by utilizing the surveyed groundwater elevations from the new PRMP wells, existing site wells, and river and ditch surface water elevations (Table 1). The map shows that shallow groundwater flow is similar to flow that occurred before the source reduction in that shallow groundwater at the site is recharged by Washington Forge Pond, as well as the first 600 feet of the Rockaway River below the dam ("losing" reach of river; see approximated flow direction arrows on Figure 5). Further downgradient, site groundwater nearest the river flows generally parallel to the river, and eventually becomes influent to the river just downgradient of the source reduction area (in the Wharton Enterprises wetland area). Also, similar to the pre-source reduction flow, some of the site shallow groundwater becomes influent to the ditch surface water; this flow-path is supported by the low detections of COCs in some of the ditch surface water samples (see Section 4 below).

The analytical results from all events are summarized in Tables 2 thru 5. As expected, dissolved groundwater contamination was found in the new shallow wells MW-28s and MW-30s (Table 2), however, no measurable free product was found in the wells. In addition, the concentrations of dissolved phase LNAPL constituents appear to be decreasing over time.

The shallow wells lie within the central (MW-28 cluster) and downgradient (MW-30 cluster) portions of the source reduction area, and both have screens that straddle the base of the slurry floor. At both locations, deeper wells (MW-28i and MW-30i) were installed just below the shallow well (screened to about 5 feet below the bottom of the shallow well screen). Analytical results from these intermediate-depth wells show a significant drop in concentration (Table 2). No contaminants were detected in the deepest well (MW-30d; Table 2), which shows that the vertical extent of dissolved groundwater contamination is limited to a depth of between 5 to 10 feet below the bottom of the slurry floor at that location.

Based on the groundwater flow map for the whole site (Figure 5), the receptor downgradient from the central portion of the source reduction area represented by results from MW-28 is the wetland area, the ditch, and the river. Additional monitoring points are slated for installation in this area once the new wetland (GP-14) and stream encroachment permits have been obtained from the LURP. As reported below, most of the river surface water samples were "non-detect" for the COCs. One of those samples, SW-R-1 (Figure 2), contained "J-qualified" concentrations of ethylbenzene and total xylenes at 0.2 µg/L and 1.1 µg/L, respectively.

The receptor downgradient from the MW-30 well cluster is the ditch. The surface water elevation data for the ditch shows that it is a pond formed as a result of a beaver dam (Figure 2). SW-D-2 contained a "J-qualified" concentration of DEHP (1.0 µg/L), while SW-D-4, SW-D-5 and DRC-2 (Figure 2) contained "J-qualified" concentrations of ethylbenzene and total xylenes. In the locations that were also sampled in 2005, levels of DEHP are generally lower in 2006.

A more detailed analysis of COC concentrations, groundwater flow, hydrogeology, and geology related to the source reduction area will be provided once the proposed wetland wells have been installed and sampled.

Section 4
Surface Water Sampling

4.1 Eastern Drainage Channel

As part of the 4Q06 event, RMT sampled the eastern drainage channel that separates the adjacent Air Products facility from the LEC site and the adjacent Wharton Enterprises property. This sampling was conducted at the request of NJDEP as outlined in their letter dated March 23, 2005. During the fourth quarter sampling event, five locations (SW-D-1, SW-D-2, SW-D-3, SW-D-4, and SW-D-5) were sampled. Sample SW-D-1 is located at the upstream end (head) of the ditch. Sample SW-D-2 is located just downgradient of the bend around the Air Products facility adjacent to the area where free product seeps were observed before completion of the source reduction. Sample SW-D-3 is located at the downgradient end of the ditch, just west of the connecting channel that feeds into the Rockaway River. Sample SW-D-4 is located just upgradient of the bend around the Air Products facility on the LEC side of the ditch. SW-D-5, added during the 3Q06 event, is located within the channel that connects the ditch to the Rockaway River, and was collected just above the beaver dam. All surface water sample locations are shown on Figure 2. Laboratory testing results for these samples are summarized on Table 5.

All ditch surface water samples were non-detect with the exception of SW-D-2, SW-D-4, SW-D-5, and DRC-2. However, those detections were "J-qualified" meaning they were an estimated value falling between the method detection limit (MDL) and the Limit of Quantitation (LOQ). In addition, all of these detections are well below the New Jersey Surface Water Quality Standards (NJSWQS). The surface water sample SW-D-2, collected in the ditch adjacent to the former seep (recently removed as part of the source reduction), contained DEHP, which was detected at 1.0 µg/L. This detection was "J-qualified". No BTEX was detected at SW-D-2. SW-D-4 and SW-D-5 had ethylbenzene and total xylene concentrations of 0.4, 0.6 µg/L; and 0.2, 0.8 µg/L, respectively. However, all the detections were "J-qualified" as well. These data show that residual groundwater contamination remaining in the source reduction area is migrating into the drainage ditch, which is expected given the direction of groundwater seepage flow shown on Figure 5. However, it is important to note that these concentrations are "J" qualified (estimated by the lab because the actual concentration is so low).

4.2 Rockaway River

In addition to the drainage channel, RMT also collected seven surface water samples from the Rockaway River (Ref. Figure 2 and Table 5).

Sample SW-R-1 was collected near the river edge adjacent to the location where product sheen had been previously observed (before the source reduction) to be migrating directly into the river. As discussed in earlier reports, the sheen was discovered in 2004 as a visible coloration on top of quiescent water pooled within the wetland area. The surface water sample from SW-R-1 contained ethylbenzene and total xylenes at concentrations of 0.2 µg/L and 1.1 µg/L, respectively. These concentrations were both "J-qualified". No product sheen was observed at this location during the 4Q06 event.

River sample SW-R-2 was taken directly upstream of the SW-R-1 location. The surface water sample collected in the river at SW-R-2 also did not contain detectible concentrations of BTEX or DEHP.

River sample SW-R-3 was taken upstream of SW-R-2, near the SG-R3 staff gauge. The surface water sample collected in the river at SW-R-3 did not contain any detectible concentrations of BTEX or DEHP.

Rockaway River surface water samples SW-R-4 through SW-R-6 were non-detect for all COCs.

The seventh surface water sample was collected in the ditch near its intersection with the Rockaway River (approximately 10 feet upstream in the drainage channel; see Figure 2). The "Ditch-River Confluence" sample DRC-2 was shown to have a concentration of ethylbenzene at 0.5 µg/L and total xylene at 1.9 µg/L. It should be noted that both of these results were "J-qualified" and are well below the NJSWQS. This sampling point will continue to be tested as part of future monitoring events.

Surface water sampling at the eastern drainage ditch as well as the Rockaway River and Washington Forge Pond will continue to take place during each quarterly monitoring event. Specifics regarding surface water sampling locations, frequency and analytes are presented in the PRMP and in the previous section of this report [Ref. Sections 1.1.2 and 2.3].

Section 5
Additional and Future Project Activities

The following section briefly outlines additional activities completed in 4Q06 and activities anticipated for completion during 1Q07. The 1Q07 monitoring event is tentatively scheduled for the week of February 5, 2007. A Project Schedule is presented as Appendix E.

5.1 Post Remedial Monitoring Plan [PRMP] Implementation and Reporting

Discussions were initiated between RMT and both NJDEP and USEPA during the fourth quarter of 2005 (4Q05) regarding the development and installation of the post source reduction site monitoring network in accordance with the submitted PRMP. A formal regulatory review and comment letter regarding the PRMP was received by LEC on February 22, 2006. Response to the February 22, 2006 comments were presented in the Section 1 of the 1Q06 RAPR dated May 9, 2006. As outlined in Section 5.2, RMT anticipates formal regulatory response to the 1Q06 RAPR including RMTs PRMP responses to be forwarded to both LEC and RMT for review by the end of February 2007.

RMT, on behalf of LEC, began installing the PRMP monitoring well network on June 6, 2006. RMT and LEC submitted the necessary GP-14 permit application to the NJDEP LURP on August 14, 2006 requesting authorization to install the remaining five monitoring wells in the wetland located east of the site (Wharton Enterprise property). RMT is currently preparing an addendum to the existing Stream Encroachment Permit [1439-04-0001.1 FHA040001 SEP] to allow the placement of fill material in the 100-year floodplain as the remaining five monitoring wells are proposed for installation through mounds to facilitate screening the shallow water table with a properly constructed well.

The installation of the remaining five LEC wetland groundwater monitoring wells (MW-31S, 32S, 33S, 34S, and 35S) will be performed following approval of the NJDEP LURP wetland and stream encroachment permit application/addendum. RMT is currently in communication with the LURP and anticipates permit/addendum approval by the end of February 2007.

5.2 Regulatory Responses to the 1Q06, 2Q06, and 3Q06 Remedial Action Progress Reports

The 1Q06, 2Q06 and 3Q06 RAPRs were submitted to both NJDEP and USEPA for review on May 9, 2006, August 24, 2006 and November 8, 2006 respectively. Conversation with NJDEP on January 23, 2007 indicate that formal regulatory response following review of these 1986 ACO required deliverables will be forwarded to both LEC and RMT for review by the end of February 2007.

5.3 Regulatory Response to the MW19/Hot Spot 1 Soil Gas Investigation

On May 9, 2006 RMT, on behalf of LEC, submitted a soil gas investigation report documenting field implementation and the results of a soil gas investigation conducted in the MW19/Hot Spot 1 area to comply with the October 2005 NJDEP Vapor Intrusion Guidance and revised NJDEP Field Sampling Procedures Manual (August 2005). Conversation with NJDEP on January 23, 2007 indicate that formal regulatory response following review of this report will be forwarded to both LEC and RMT for review by the end of February 2007.

5.4 Response to Comment Approval for the Source Reduction Remedial Project

As we outlined in the final source reduction progress update dated June 30, 2005, the construction phase of this project is now complete. A Remedial Action Report (RAR) documenting all source reduction activities was provided to both NJDEP and USEPA for review on week of November 14, 2005. LEC received an RAR comment letter from the NJDEP, dated June 14, 2006. RMT, on behalf of PolyOne, prepared a response to the RAR comment letter dated August 25, 2006. Conversation with NJDEP on January 23, 2007 indicate that formal response following review of the August 25, 2006 response to comment letter will be forwarded to both LEC and RMT for review by the end of February 2007..

5.5 Emergency Response Activities

Emergency response activities have been terminated, because the completed source reduction activities appear to have prevented further migration of sheen into the river. RMT visually inspected these areas again during the 4Q06 sampling event (at the same time adjacent surface water samples were collected) and did not observe sheen flowing away from the source reduction area.

5.6 Wetland Monitoring, Invasive Species Control, and Reporting

Spring and fall 2006 wetland monitoring and invasive species control events were conducted by a certified wetland expert [JFNew] in the Wharton Enterprise wetland area and associated transition zones to comply with the NJDEP Land Use Regulation Program (LURP) GP-4 Permit [File No. 1439-04-0001.1 (FWW 040001)]. Results and recommendations generated from the 2006 events were presented in the report entitled *2006 Compensatory Mitigation Monitoring Report* [JFNew, Dec 30, 2006]. Spring and fall monitoring and invasive species control events have been tentatively scheduled for May and September 2007 respectively. Wetland restoration activities following wetland well installation will be performed in conjunction with the May 2007 monitoring/invasive species control event.

Tables

TABLE 1

4th Quarter 2006

L.E. Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey

Quarterly Groundwater Elevations

WELL LOCATION	MONITORING DEVICE TYPE	PROFESSIONAL SURVEY INFORMATION [2]					QUARTERLY MEASUREMENT INFORMATION		
		BASELINE LOCATION (FT) NJ State Plane Coordinates		ELEVATION (FT. MSL)					
		(Y) North	(X) East	GROUND [6]	OUTER CASING	INNER WELL CASING	MEAS. DATE	WATER DEPTH	WATER ELEVATION
GEI-2I	Piezometer	754573.99	470499.76	635.32	637.75	637.60	9-Nov-06	9.39	628.21
GEI-2S	Piezometer	754566	470506.18	634.86	637.27	637.07	9-Nov-06	9.22	627.85
GEI-3I	Piezometer	754311.79	470453.7	636.96	639.39	639.25	9-Nov-06	11.58	627.67
MW-8	Monitoring Well	754099.29	471251.06	627.39	629.96	628.19	9-Nov-06	2.06	626.13
MW-9	Monitoring Well	754075.94	471111.03	628.61	631.09	629.58	9-Nov-06	2.33	627.25
MW-12S(R)	Monitoring Well	754055.97	471042.34	631.57	634.26	633.73	9-Nov-06	6.24	627.49
MW-13S	Monitoring Well	754353.97	471370.04	627.74	630.80	630.63	9-Nov-06	3.16	627.47
MW-13S(R)	Monitoring Well	754333.07	471365.71	627.66	630.36	629.99	9-Nov-06	3.67	626.32
MW-13I	Monitoring Well	754337.8	471360.31	627.76	630.28	630.06	9-Nov-06	3.60	626.46
MW-15S	Monitoring Well	754326.58	470891.83	634.23	636.43	636.17	9-Nov-06	9.12	627.05
MW-15I	Monitoring Well	754325.8	470901.47	634.14	636.28	636.06	9-Nov-06	9.21	626.85
MW-17	Monitoring Well	754109.68	470759.85	632.35	634.32	634.19	9-Nov-06	6.64	627.55
MW-18S	Monitoring Well	754677.95	471117.26	627.62	630.88	630.66	9-Nov-06	4.35	626.31
MW-18I	Monitoring Well	754675.11	471106.07	627.75	630.59	630.44	9-Nov-06	3.64	626.80
MW-19	Monitoring Well	754537.15	470454.45	636.22	636.23	635.90	9-Nov-06	7.80	628.10
MW-19-1	Monitoring Well	754534.52	470427.63	635.93	635.96	635.64	9-Nov-06	7.32	628.32
MW-19-2	Monitoring Well	754551.81	470429.56	636.46	636.50	636.30	9-Nov-06	8.19	628.11
MW-19-3	Monitoring Well	754539.4	470394.2	636.97	637.06	636.70	9-Nov-06	8.40	628.30
MW-19-4	Monitoring Well	754505.39	470432.08	635.69	635.76	635.43	9-Nov-06	6.65	628.78
MW-19-5	Monitoring Well	754565.53	470470.75	635.93	635.93	635.56	9-Nov-06	7.65	627.91
MW-19-6	Monitoring Well	754578.87	470443.1	636.17	636.16	635.82	9-Nov-06	7.99	627.83
MW-19-7	Monitoring Well	754595.66	470501.7	635.31	635.36	635.00	9-Nov-06	7.23	627.77
MW-19-8	Monitoring Well	754617.42	470493.65	635.82	635.82	635.36	9-Nov-06	7.69	627.67
MW-19-9D	Monitoring Well	754590	470442	636.39	636.41	636.10	9-Nov-06	7.69	628.41
MW-19-10	Monitoring Well	754625.75	470590.81	634.72	634.81	634.43	9-Nov-06	6.18	628.25
MW-19-11	Monitoring Well	754617.45	470546.95	634.22	634.26	633.67	9-Nov-06	6.07	627.60
MW-19-12	Monitoring Well	754627.53	470529.72	634.93	634.93	634.46	9-Nov-06	6.97	627.49
MW-21 [3]	Monitoring Well	754240.97	471645.78	624.57	628.49	628.20	9-Nov-06	2.25	625.95
MW-25(R) [3]	Monitoring Well	754201.83	471518.21	624.65	626.77	626.62	9-Nov-06	1.97	624.65
MW-27s	Monitoring Well	754253.78	470672.69	635.82	635.78	635.07	9-Nov-06	NR	NR
MW-28S	Monitoring Well	754243.26	471034.34	628.20	631.28	631.14	9-Nov-06	4.66	626.48
MW-28I	Monitoring Well	754242.87	471031.19	628.25	631.20	631.04	9-Nov-06	4.49	626.55
MW-29S	Monitoring Well	754411.14	471187.85	629.94	632.83	632.66	9-Nov-06	6.46	626.20
MW-30S	Monitoring Well	754281.65	471265.21	625.08	628.18	627.99	9-Nov-06	1.83	626.16
MW-30I	Monitoring Well	754286.42	471263.15	625.14	628.15	628.00	9-Nov-06	1.83	626.17
MW-30D	Monitoring Well	754290.05	471261.2	625.20	628.22	628.04	9-Nov-06	1.86	626.18
SG-D1 [1]	Drainage Channel Staff Gauge	754428.57	471240.37	625.81	-	-	9-Nov-06	1.66	624.14
SG-D2 [1]	Drainage Channel Staff Gauge	754285.43	471361.24	626.26	-	-	9-Nov-06	1.44	624.37
SG-D3 [1]	Drainage Channel Staff Gauge	754381.47	471548.31	625.83	-	-	9-Nov-06	1.91	624.41
SG-R2 [3]	Rockaway River Monitoring Point	754056.10	470946.46	629.41	-	-	9-Nov-06	1.20	628.21
SW-R-1 [4]	Rockaway River Monitoring Point	754125.56	471523.00	625.87	-	-	9-Nov-06	1.53	624.34
SW-R-2 [4]	Rockaway River Monitoring Point	754112.82	471426.51	626.54	-	-	9-Nov-06	1.70	624.84
SW-R-3 [4]	Rockaway River Monitoring Point	754149.30	471368.76	626.25	-	-	9-Nov-06	1.04	625.21
SW-R-4 [4]	Rockaway River Monitoring Point	754088.00	471279.58	627.57	-	-	9-Nov-06	1.88	625.69
SW-R-5 [4]	Rockaway River Monitoring Point	754314.04	470408.85	640.66	-	-	9-Nov-06	0.96	639.70
SW-R-6 [4]	Rockaway River Monitoring Point	754071.52	470697.75	631.68	-	-	9-Nov-06	2.52	629.16
DRC-1	Rockaway River/Ditch Channel Staff Gauge	754098.03	471705.75	624.07	-	-	9-Nov-06	NM	NM

TABLE 1
L.E. Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Elevations

WELL LOCATION	MONITORING DEVICE TYPE	PROFESSIONAL SURVEY INFORMATION (2)					QUARTERLY MEASUREMENT INFORMATION		
		BASELINE LOCATION (FT) NJ State Plane Coordinates		ELEVATION (FT. MSL)					
		(Y) North	(X) East	GROUND (6)	OUTER CASING	INNER WELL CASING	MEAS. DATE	WATER DEPTH	WATER ELEVATION
SW-D-1 (5)	Drainage Channel Staff Gauge	754428.36	471240.17	625.75	-	-	9-Nov-06	1.68	624.07
SW-D-2 (5)	Drainage Channel Staff Gauge	754285.35	471361.22	626.07	-	-	9-Nov-06	1.88	624.19
SW-D-3 (5)	Drainage Channel Staff Gauge	754381.23	471548.18	625.70	-	-	9-Nov-06	1.49	624.21
SW-D-4	Drainage Channel Monitoring Point	754297.19	471292.08	-	624.93	-	9-Nov-06	0.79	624.14

FOOTNOTES

(1) Reference elevation measured at the top of a 3.33 ft. Staff gauge. Water depth based on a visual observation of the water level on the Staff gauge.

(2) Horizontal Datum: New Jersey State Plane Coordinate System NAD 83. Vertical Datum: NAVD 88

(3) New SG-R2 replaced the old SG-R2 installed in Nov. 1998. Professional survey performed by James M. Stewart, Inc., Philadelphia, PA May 2004. SG-R2 is a chiseled arrow on Iron Beam

(4) As outlined in the PRMP the six (6) new Rockaway River monitoring points reference survey elevation was shot at the top of a stake installed to each point

(5) SW-D-1, SW-D-2 and SW-D-3 were resurveyed points at the top of the stake that secures each drainage ditch staff gauge.
These points were reshot to insure the reference elevation integrity remained for each of the 3 staff gauges as a result of source reduction remedial disturbance.

(6) Ground reference elevation for SG and SW series gauges and monitoring points is a point specific to each devise (I.e., top of stake, to of gauge, notched point on concrete or iron etc)

TABLE 2
L.E. CARPENTER AND COMPANY (LEC)
Borough of Wharton, Morris County, New Jersey
MW19/Hot Spot 1 Groundwater Monitoring Data

MONITORING WELLS	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
			ANALYTICAL PARAMETERS									
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		40		30	
MW19												
Dilution factor for BTEX 2000	24-Feb-95	1	<	660		1,700		110,000		10,000		NR
Dilution factor for BTEX 100	14-Jun-95	2		150		3,400		140,000		17,000		NS
Dilution factor 5000 for BTEX & 2 for DEHP; MDL for Benzene 1000 ug/l	24-Apr-98	2	<	1,000		2,850		76,700		14,900		6.6
Dilution factor for BTEX 500	2-Aug-01	3	<	95		3,000		62,000		17,000		2.9
Dilution factor for BTEX 1000	6-Jun-02	2	<	200		1,000		30,000		6,000		5.6
Dilution factor for BTEX 100, Toluene 200	20-Nov-03	4	<	20		1,500		40,000		7,400	J	6.0
	15-Jun-04	2	<	100		1,400		46,000		6,600	J	4.0
Dilution factor for BTEX 100, Toluene 500	10-Aug-04	3	<	20		2,100		56,000		11,000	J	2.0
Dilution factor for BTEX 50	13-Jan-05	1	<	10		750		18,000		3,600	<	1.0
Lower Grab Water Sample; Dilution factor for BTEX 5	8-Apr-05	2	<	1		97		1,300		530	J	3.0
Upper Grab Water Sample; Dilution factor for Toluene 5	8-Apr-05	2	<	0.2		86		410		430	J	3.0
Dilution factor for BTEX 200	27-Jul-05	3	<	40		1,100		44,000		6,000	J	2.0
Dilution factor for BTEX 100	27-Oct-05	4	<	20		200		10,000		1,200	J	5.0
Dilution factor for BTEX 250	28-Feb-06	1	<	50		880		28,000		4,900	J	3.0
Dilution factor for BTEX 200	20-Jun-06	2	<	40		1,600		53,000		8,700	J	3.0
Dilution factor for BTEX 200	13-Sep-06	3	<	40		2,100		51,000		11,000	J	3.0
Dilution factor for BTEX 200	8-Nov-06	4	<	40		2,200		59,000		11,000	J	2.0
MW19-1												
Dilution factor for BTEX 200	12-Mar-98	1	<	40		219		4,270		1,160		190
	2-Aug-01	3	<	0.2		1.2	<	0.2	<	0.2		85
	5-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2		0.6
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	15-Jun-04	2	<	0.2	<	0.2		1.7	<	0.6		11
	10-Aug-04	3	<	0.2	<	0.2	J	0.6	<	0.6	<	1
	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	J	4
Lower Grab Water Sample	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Upper Grab Water Sample	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	26-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	J	2
MW19-2												
Dilution factor for BTEX 250	12-Mar-98	1	<	50.0		1,130		9,830		6,010		8.8
Dilution factor for BTEX 2	1-Aug-01	3	<	0.4		21		160		82		16
	5-Jun-02	2	<	0.22		19		36		39	<	0.4
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	15-Jun-04	2	<	0.2		1.2		29		4.8	<	1
	10-Aug-04	3	<	0.2		28		150		100	J	1
	12-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	J	3
Lower Grab Water Sample	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Upper Grab Water Sample	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Jul-05	3	<	0.2		6.2		40		20	<	1
	26-Oct-05	4	<	0.2	J	1		2.7		3.3	<	1
	26-Oct-05	4 duplicate	<	0.2	J	0.8		2.5		3	<	1
MW19-3												
	12-Mar-98	1	<	0.2	<	0.14	<	0.14	<	0.5	<	1.2
	2-Aug-01	3	<	0.2	<	0.2	<	0.2	<	0.2	<	0.5
	5-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2	<	0.5
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9

TABLE 2
L.E. CARPENTER AND COMPANY (LEC)
Borough of Wharton, Morris County, New Jersey
MW19/Hot Spot 1 Groundwater Monitoring Data

MONITORING WELLS	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
			ANALYTICAL PARAMETERS									
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		40		30	
MW19-4												
	12-Mar-98	1	<	0.2	<	0.14	<	0.14	<	0.5	<	1.3
	2-Aug-01	3	<	0.2	<	0.2	<	0.2	<	0.2	<	0.5
	6-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2	<	0.5
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	28-Feb-06	1	<	0.2	<	0.2		2.2	<	0.6	<	1
	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	12-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	12-Sep-06	3 duplicate	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	7-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
MW19-5												
Dilution factor for BTEX 5000	12-Mar-98	1	<	1,000		1,920		123,000		10,100		42
Dilution factor for BTEX 1000	2-Aug-01	3	<	190		870		79,000		5,200		3.2
Dilution factor for BTEX 500	7-Mar-02	1	<	140		300		10,000		1,700		1.3
Dilution factor for BTEX 5000, for DEHP 20	5-Jun-02	2	<	1,100		1,100		92,000		6,300	<	9.8
Dilution factor for BTEX 5000, for DEHP 20	5-Jun-02	2 duplicate	<	1,100		1,300		92,000		6,900	<	9.4
	19-Nov-03	4	<	0.2	<	0.2		4.3	J	0.9	<	0.9
	18-Dec-03	4 resample	<	0.2		3.7		240		24	<	0.9
	16-Jun-04	2	<	100		1,400		83,000		7,400	J	1
	10-Aug-04	3	<	200		2,800		140,000		14,000	J	1
Dilution factor for BTEX 10	13-Jan-05	1	<	2		64		3,100		340	<	1
Dilution factor for BTEX 200, Lower Grab Water Sample	9-Apr-05	2	<	40		1,000		27,000		5,300	J	1
Upper Grab Water Sample	9-Apr-05	2	<	0.2	J	0.4		9.5	J	2.3	<	1
Dilution factor for BTEX 500	26-Jul-05	3	<	100		2,600		100,000		13,000	<	0.9
	27-Oct-05	4	<	0.2		6.8		140		37	<	1
Dilution factor for BTEX 100	28-Feb-06	1	<	20		290		19,000		1,500	<	1
Dilution factor for BTEX 20	20-Jun-06	2	<	4		130		4,000		730	<	1
Dilution factor for BTEX 100	13-Sep-06	3	<	20		550		25,000		2,800	<	1.0
Dilution factor for BTEX 100	8-Nov-06	4	<	20		410		22,000		2,000		9.0
MW19-6												
Dilution factor for BTEX 200	15-Nov-99	4	<	62		94		3,400		500		32
Dilution factor for BTEX 2	1-Aug-01	3	<	0.4		14		390		47		28
	5-Jun-02	2	<	0.22		1.7		13		4.1		2.3
	18-Nov-03	4	<	0.2	<	0.2	J	0.3	<	0.6	J	6
	17-Jun-04	2	<	0.2	J	0.4		1.1		1.2	J	3
	10-Aug-04	3	<	0.2		4.6		38		18	J	4
	13-Jan-05	1	<	0.2		4		36		14	J	1
Lower Grab Water Sample	9-Apr-05	2	<	0.2		16		160		64	<	1
Upper Grab Water Sample	9-Apr-05	2	<	0.2		11		74		37	<	1
	26-Jul-05	3	<	0.2		3.6		27		14	J	2
	27-Oct-05	4	<	0.2		5.4		110		25	<	0.9
	28-Feb-06	1	<	0.2		5.8		65		23	<	1
	20-Jun-06	2	<	0.2		1.7		3.2		5.0	<	1
	20-Jun-06	2 duplicate	<	0.2		1.7		3.2		4.9	<	1
	12-Sep-06	3	<	0.2	J	0.3		1.0	J	0.9	<	1
	7-Nov-06	4	<	0.2	J	0.3	<	0.2	J	0.6	<	0.9

TABLE 2
L.E. CARPENTER AND COMPANY (LEC)
Borough of Wharton, Morris County, New Jersey
MW19/Hot Spot 1 Groundwater Monitoring Data

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		40		30	
MW19-7												
Dilution factor for BTEX 50	15-Nov-99	4	<	16		100		51		1,400	<	4.1
Dilution factor for BTEX 2	1-Aug-01	3		6.7		6.6		13		680	<	0.4
Dilution factor for BTEX 5	7-Mar-02	1		3	<	1.3	<	1.3		250		1.6
	5-Jun-02	2		0.48		1.6		27		27	<	0.4
	19-Nov-03	4		4.7	J	0.4	J	0.3		460	J	1
	16-Jun-04	2	J	2.8		130		2,100		630	<	1
	16-Jun-04	2 duplicate	J	4		130		2,100		610	<	1
	10-Aug-04	3		2		1.6		1.3		20	<	1
Dilution factor for BTEX 2	12-Jan-05	1		6.1		90		240		760	<	1
	12-Jan-05	1 duplicate		2.9		45		120		380	<	1
Lower Grab Water Sample; Dilution factor for BTEX 25	7-Apr-05	2	J	9.5		210		2,700		1,400	<	1
Upper Water Grab Sample; Dilution factor for BTEX 10	7-Apr-05	2	J	13		370		5,600		2,300	<	1
Lower Grab Water Sample	27-Jul-05	3		2.2	<	0.2	J	0.2	J	1.7	<	0.9
Upper Grad Water Sample	27-Jul-05	3		1.5	<	0.2	J	0.5	J	2.4	<	1
Dilution factor for BTEX 200	27-Oct-05	4	J	62		710		16,000		3,600	<	1
Dilution factor for Total Xylenes 5	28-Feb-06	1		7.5		4.9	J	0.3		870	<	1
Dilution factor for Total Xylenes 5	28-Feb-06	1 duplicate		7.5		5.0	J	0.3		840	<	0.9
	20-Jun-06	2		6.5		19.0	J	0.6		550	<	1.0
Dilution factor for Total Xylenes 5	12-Sep-06	3		4.9		33.0	J	0.3		440	<	1.0
	8-Nov-06	4		2.6	<	0.2	<	0.2		26	<	0.9
MW19-8												
Dilution factor for BTEX 50	15-Nov-99	4	<	0.31	<	0.38	<	0.34	<	0.4	<	4.1
Dilution factor for BTEX 2	1-Aug-01	3		0.5	<	0.2	<	0.2	<	0.2	<	0.4
	5-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2	<	0.4
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	17-Jun-04	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	11-Aug-04	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	12-Jan-05	1	<	0.2	J	0.3	<	0.2	<	0.6	<	1
	11-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
MW19-9D												
Dilution factor for BTEX 2	1-Aug-01	3	<	0.2	<	0.2	<	0.2	<	0.2		0.5
	5-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2		1.9
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	16-Jun-04	2	<	0.2	<	0.2	<	0.2	<	0.6	J	2
	10-Aug-04	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	11-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
MW19-10												
	17-Jun-04	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	11-Aug-04	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	11-Aug-04	3 duplicate	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Lower Grab Water Sample	9-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Upper Grab Water Sample	9-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1

TABLE 2
L.E. CARPENTER AND COMPANY (LEC)
Borough of Wharton, Morris County, New Jersey
MW19/Hot Spot 1 Groundwater Monitoring Data

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		40		30	
MW19-11												
	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Lower Grab Water Sample	7-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Upper Grab Water Sample	7-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	J	1
MW19-12	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	12-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	7-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	7-Nov-06	4 duplicate	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
GEI-2I												
	24-Feb-95	1	<	0.3	<	0.3		0.4	<	0.1		27
	6-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2		1.4
GEI-2S												
	24-Feb-95	1	<	8.2		46		1,500		380		7.6
	25-Mar-98	1		NS		NS		NS		NS	B	2.5
	6-Jun-02	2		1.2		2.6		16		5.1		2.4
	18-Dec-03	4	<	0.2	<	0.2	J	0.4	<	0.6	<	1
MW-25R												
	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	21-Jun-06	2 duplicate	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	13-Sep-06	3	<	0.2	<	0.2	J	0.5	<	0.6	J	1
	7-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
MW-27s												
	22-Jun-06	2	J	0.6		3.7		3.9		14.0	J	3
	11-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	J	2
	7-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	J	1
MW-28s												
Dilution factor for BTEX 5	21-Jun-06	2	J	1.6		560.0	<	1.0		1,400.0		100
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3	J	0.2		210.0	<	0.2		450.0		570
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3 duplicate	J	0.3		220.0	<	0.2		470.0		550
Dilution factor for DEHP 10	7-Nov-06	4	<	0.2		92.0	<	0.2		180.0		250
MW-28i												
Dilution factor for BTEX 5	22-Jun-06	2	<	1.0		480.0	<	1.0		1,300.0		270
Dilution factor for Xylene and DEHP is 5	13-Sep-06	3	<	0.2		72.0	J	0.6		520.0		180
	7-Nov-06	4	<	0.2		10.0	<	0.2		14.0		90
MW-29s												
	22-Jun-06	2	<	0.2	J	0.2	<	0.2	J	0.6	J	1
	14-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	9-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6		31
MW-30s												
	21-Jun-06	2	<	1.0		1,200.0	J	1.3		3,900.0		740
Dilution factor for BTEX 20, DEHP is 500	13-Sep-06	3	<	4.0		1,200.0		46.0		5,100.0		19,000
Dilution factor for BTEX 5, DEHP is 100	9-Nov-06	4	<	1.0		540.0	<	1.0		2,600.0		2,500

TABLE 2
L.E. CARPENTER AND COMPANY (LEC)
Borough of Wharton, Morris County, New Jersey
MW19/Hot Spot 1 Groundwater Monitoring Data

MONITORING WELLS	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
			ANALYTICAL PARAMETERS									
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		40		30	
MW-30i												
	21-Jun-06	2	J	0.3		38.0		1.4		170.0	J	2
	13-Sep-06	3	<	0.2		1.5	<	0.2		4.9		19
	8-Nov-06	4	<	0.2	J	0.2	<	0.2	<	0.6	J	1
	8-Nov-06	4 duplicate	<	0.2	J	0.2	<	0.2	<	0.6	<	1
MW-30d												
	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	J	3
	14-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	J	9.0
	8-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
Atmospheric Blank	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	28-Feb-06	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	20-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	12-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	7-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Rinsate Blank	14-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	9-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	28-Feb-06	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	22-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	13-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	14-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	9-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	9-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Trip Blank	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6		NA
	9-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6		NA
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6		NA
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6		NA
	28-Feb-06	1	<	0.2	<	0.2	<	0.2	<	0.6		NA
	20-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6		NA
	12-Sep-06	3	<	0.2	J	0.2	<	0.2	<	0.6		NA
	13-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6		NA
	6-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6		NA
	7-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6		NA

LEGEND

ug/L = micrograms per liter

NJGWQS = New Jersey Groundwater Quality Standards

ROD: Record of Decision

NA = Not Applicable

NS = Not Sampled

ND: No Detection

Duplicate = Duplicate sample

Concentration exceeds NJGWQS (1.2)

B: Analyte also detected in blank

J: Estimated value. Value is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ)

NOTES

(1) Low flow sampling initiated 1st quarter 2002

(2) GEI series wells are piezometers installed by Weston

(3) GEI series wells, MW-19-3, and MW-19-4 are not sampled under revised groundwater monitoring program effective 1Q05.

TABLE 3

Through 4th Quarter 2006

L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
MW19/Hot Spot 1 Quarterly Groundwater Monitoring
MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
(units)		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	
MW-19	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	80	30	589	ND	ND	0.054	3.6 J	150	NS
	3Q04	630	30.9	553	ND	ND	0.12	1.7 J	230	NS
	1Q05	350	17.2	347	0.22	ND	ND	7.4	230	NS
	2Q05[L]	390	10.8 J	413	2.8	ND	ND	33.3	3.0 J	NS
	2Q05[U]	1,400	14.8	455	3.2	ND	ND	30.4	2.0 J	NS
	3Q05	3	67.2	1070	0.04	1.3	ND	6	33	NS
	4Q05	120	23.2	620	0.56	0.88	ND	37.4	19	NS
	1Q06	25	35.6	559	ND	ND	ND	3.3 J	140	NS
	2Q06	56	44.4	460	ND	0.43 J	ND	3.2 J	95	ND
Dilution factor for Methane 5	3Q06	60	12.8	435	ND	0.43 J	ND	5.3	310	ND
Dilution factor for Methane 100	4Q06	20	16	411	ND	ND	0.11	2.9 J	1700	ND
MW-19-1	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	100	ND	725	1.4	ND	ND	32.4	ND	NS
	3Q04	49	3.2 J	928	3.9	ND	ND	35.3	ND	NS
	1Q05	43	ND	404	2.1	ND	ND	27.9	ND	NS
	2Q05[L]	410	16.4	1,440	2.9	ND	ND	34.1	ND	NS
	2Q05[U]	350	3.2 J	1,430	2.8	ND	ND	32.9	ND	NS
	3Q05	53	9.2 J	1,140	4.1	ND	ND	39	ND	NS
Dilution factor for Nitrate 2	4Q05	240	12.4	659	4.6	ND	ND	44.2	ND	NS
MW-19-2	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	10	6.0 J	704	ND	ND	ND	33.6	1600	NS
	3Q04	87	6.0 J	916	0.87	ND	ND	23.9	280	NS
	1Q05	110	5.2 J	568	0.093 J	0.13 J	ND	69.4	26	NS
	2Q05[L]	160	11.6 J	780	0.62	0.17 J	ND	29.6	ND	NS
	2Q05[U]	150	ND	750	0.64	ND	ND	29.3	ND	NS
	3Q05	8	3.2 J	976	1	0.12 J	ND	27.2	120	NS
	4Q05	220	ND	864	0.78	ND	ND	60.3	35	NS
	4Q05D	92	ND	908	0.6	ND	ND	62.1	49	NS
MW-19-4	1Q06	12	ND	730	2.4	ND	ND	37.4	ND	NS
	2Q06	520	8.4 J	774	2.8	ND	ND	45.8	ND	ND
Dilution factor for Nitrate 5	3Q06	85	ND	740	4.8	ND	ND	50.9	ND	ND
Dilution factor for Nitrate 5	3Q06D	92	ND	733	4.9	ND	ND	50.1	ND	ND
	4Q06	29	ND	529	3	ND	ND	47.1	ND	ND
MW-19-5	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3Q04	180	14	942	0.06 J	ND	ND	15.7	2100	NS
	1Q05	380	3.6 J	174	0.49	ND	ND	15.8	34	NS
	2Q05[L]	3000	3.6 J	177	ND	ND	ND	12	380	NS
	2Q05[U]	100	3.6 J	141	0.43	ND	ND	8.7	ND	NS
	3Q05	69	6.8 J	463	ND	ND	ND	7.7	1700	NS
	4Q05	58	ND	144	0.38	ND	ND	12.8	3.8 J	NS
	1Q06	12	ND	287	0.97 J	ND	ND	11.2	290	NS
	2Q06	22	9.2 J	190	0.19	ND	ND	14.2	150	ND
Dilution factor for Methane 10	3Q06	30	ND	275	0.12	ND	ND	10.2	700	ND
Dilution factor for Methane 10	4Q06	620	ND	236	0.10	ND	ND	10.9	640	ND
MW-19-6	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	35	10.4 J	1670	1.6	ND	ND	37.3	140	NS
	3Q04	110	18.8	1240	1.1	ND	0.062	38.3	140	NS
	1Q05	82	11.2 J	544	1.7	ND	ND	44	130	NS
	2Q05[L]	23	18	1180	1.3	0.29 J	ND	33.5	44	NS
	2Q05[U]	160	ND	1190	1	ND	ND	32.7	96	NS
	3Q05	90	40.8	1520	1.1	ND	ND	35	38	NS
	4Q05	43	10.8 J	940	3.5	ND	ND	47.8	43	NS
	1Q06	14	4.4 J	634	1.8	ND	ND	36.6	50	NS
	2Q06	14	ND	802	2	ND	ND	38.3	44	ND
	2Q06D	15	ND	790	2	ND	ND	37.7	45	ND
	3Q06	75	4.4 J	682	2.6	ND	ND	37.1	32	ND
	4Q06	240	ND	574	2.3	ND	ND	38.3	31	ND

TABLE 3

Through 4th Quarter 2006

L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
MW19/Hot Spot 1 Quarterly Groundwater Monitoring
MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
(units)		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	
MW-19-7	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	110	6.8 J	2110	0.21	ND	ND	47.2	5200	NS
	2Q04D	88	9.2 J	2040	0.21	0.15 J	ND	37.3	5400	NS
	3Q04	2000	4.4 J	1920	1.5	ND	ND	64.4	2400	NS
Dilution factor for Methane 250	1Q05	75	6.0 J	774	3.2	ND	ND	29.1	10,000	NS
Dilution factor for Methane 250	1Q05D	77	7.2 J	754	3.2	ND	ND	30.5	11,000	NS
	2Q05[L]	32	54	472	ND	0.50 J	0.45	ND	13,000	NS
	2Q05[U]	41	48	481	ND	0.35 J	0.32	ND	10,000	NS
	3Q05[L]	17	45.6	1450	ND	ND	0.3	19.2	2,900	NS
	3Q05[U]	17	31.6	1280	0.22	0.29 J	0.1	25.7	1,600	NS
Dilution factor for Methane 250	4Q05	16	32	926	0.16	0.5	0.23	8.9	7,700	NS
	1Q06	14	33.2	621	ND	ND	0.3	2.2 J	10,000	NS
	1Q06D	10	36.8	628	ND	ND	0.3	1.6 J	10,000	NS
Dilution factor for Methane 200	2Q06	68	16.8	655	0.87	ND	0.16	12.9	11,000	ND
Dilution factor for Methane 100	3Q06	79	9.2 J	799	2.1	ND	0.15	15.1	8,600	ND
Dilution factor for Methane 100	4Q06	600	4.4 J	568	3.4	ND	ND	31.3	5,600	ND
MW-19-8	2Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	45	14.4	1120	ND	ND	0.15	22.8	79	NS
	3Q04	15	7.2 J	573	ND	0.24 J	0.12	11.5	790	NS
Dilution factor for Methane 5	1Q05	91	25.2	1150	ND	ND	0.18	16.3	510	NS
	2Q05	270	20	796	ND	ND	ND	23.7	5.3	NS
	3Q05	ND	8.8 J	876	0.33	0.26 J	ND	20.3	74	NS
	4Q05	210	4.4 J	926	0.88	ND	ND	24.6	24	NS
MW-19-9D	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	210	6.0 J	621	0.14	0.33 J	ND	18.2	1300	NS
	3Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19-10	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	34	6.8 J	563	ND	ND	ND	18	2.6 J	NS
	3Q04	18	10.4 J	908	ND	ND	ND	19.2	3.3 J	NS
	3Q04D	22	10.8 J	890	ND	0.24 J	ND	17.9	2.9 J	NS
	1Q05	29	5.2 J	625	ND	ND	ND	16.9	74	NS
	2Q05[L]	170	32.4	653	ND	ND	ND	18.1	48	NS
	2Q05[U]	93	32	691	ND	0.12 J	ND	18.3	48	NS
	3Q05	26	10.4 J	560	ND	ND	ND	16	ND	NS
	4Q05	56	17.2	654	ND	ND	ND	15.3	3.2 J	NS
MW-19-11	1Q05	940	4.8 J	4,750	2.2	ND	ND	65.6	9.9	NS
	2Q05[L]	NS	64	731	ND	0.42 J	ND	18	930	NS
	2Q05[U]	14	27.2	740	ND	ND	ND	17.2	1,200	NS
	3Q05	63	106	555	ND	ND	0.11	21.5	26	NS
Dilution factor for Methane 10	4Q05	80	15.2	854	ND	0.32 J	ND	25.5	440	NS
MW-19-12										
	2Q06	4000	11.2 J	548	0.048 J	ND	ND	15.1	4.8 J	ND
Dilution factor for Methane 5	3Q06	170	6.4 J	822	0.36	ND	ND	22.9	170	ND
	4Q06	2	4.4 J	716	0.22	ND	ND	21.3	130	ND
	4Q06D	2	ND	718	0.17	ND	ND	21.8	130	ND
MW-25R	2Q06	1100	18.8	340	ND	0.24 J	ND	2.9 J	140	ND
	3Q06	>5,700	279	329	ND	0.24 J	0.14	3.3 J	30	ND
	4Q06	1000	16.8	331	ND	ND	ND	6.2	25	ND
MW-27s	2Q06	NR	5,180	630	ND	0.26 J	4.8	43.3	20	ND
	3Q06	>5,700	3,850	798	ND	ND	1.4	108	3.7 J	ND
	4Q06	>5700	166	753	0.16	ND	0.82	116	2.3 J	ND

TABLE 3

Through 4th Quarter 2006

L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
MW19/Hot Spot 1 Quarterly Groundwater Monitoring
MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
(units)		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	
MW-28s	2Q06	6	35.2	350	ND	0.35 J	0.25	2.6 J	3,100	ND
Dilution factor for Methane 200	3Q06	1,300	22.4	460	ND	0.26 J	0.37	ND	3,200	ND
Dilution factor for Methane 200	3Q06D	1,500	21.6	468	ND	ND	0.37	1.7J	3,100	ND
Dilution factor for Methane 100	4Q06	1	24.8	347	ND	ND	0.43	2.0 J	4,400	ND
MW-28i										
Dilution factor for Methane 10	2Q06	290	28	367	0.047 J	ND	0.22	2.2 J	1,900	ND
Dilution factor for Methane 100	3Q06	>5,700	42.8	338	ND	ND	0.19	3.5 J	1,500	ND
Dilution factor for Methane 100	4Q06	440	15.6	335	ND	ND	0.22	3.0 J	1,500	ND
MW-29s	2Q06	250	58.8	504	ND	11.9	0.45	4.0 J	1,200	ND
Dilution factor for Methane 250	3Q06	>5700	54	546	ND	9.9	0.32	1.9 J	5,000	ND
Dilution factor for Methane 100	4Q06	190	35.6	509	ND	8.3	0.29	3.9 J	5,200	ND
MW-30s	2Q06	2200	75.6	348	ND	0.86	0.17	5.2	3,800	ND
Dilution factor for Methane 200	3Q06	>5700	132	457	ND	0.89	0.32	ND	2,500	ND
Dilution factor for Methane 100	4Q06	>5700	147	448	ND	1.1	0.24	5.5	6,500	ND
MW-30i	2Q06	>5700	18.8	369	ND	1.8	0.15	8.2	1,100	ND
Dilution factor for Methane 100	3Q06	290	41.6	414	ND	0.83	0.23	3.2 J	1,200	ND
Dilution factor for Methane 50	4Q06	40	17.2	456	ND	0.89	0.24	11.1	930	ND
Dilution factor for Methane 50	4Q06D	43	41.2	478	ND	ND	0.23	11.1	930	ND
MW-30d	2Q06	2800	11.6	248	ND	0.30 J	ND	9.7	45	ND
	3Q06	>5700	6.4 J	288	0.043 J	ND	ND	10.6	5.3	ND
	4Q06	47	5.6 J	375	ND	ND	ND	12.5	22	ND
Atmospheric Blank	1Q05	> 5700	ND	ND	ND	ND	ND	ND	ND	NS
	4Q05	5	ND	10.0 J	ND	ND	ND	0.30 J	ND	NS
	1Q06	2	ND	ND	ND	ND	ND	ND	ND	NS
	2Q06	38	ND	ND	ND	ND	ND	1.5 J	ND	ND*
	3Q06	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q06	ND	ND	ND	ND	ND	ND	ND	ND	ND*
Rinsate Blank	1Q05	36	ND	ND	ND	ND	ND	ND	ND	NS
	3Q05	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4Q05	ND	ND	ND	ND	ND	ND	ND	ND	NS
	1Q06	ND	ND	ND	ND	ND	ND	ND	ND	NS
	2Q06	120	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q06	250	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q06	45	ND	ND	ND	ND	ND	ND	ND	ND
	3Q06	84	ND	ND	ND	ND	ND	ND	ND	ND
	4Q06	56	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

As mentioned in January 13, 2005 letter, only the MW-19 Hotspot wells will be sampled for MNA parameters due to the implementation of Source Reduction on the L.E. Carpenter property effective 1Q05.

(1) Sulfate has a dilution factor of 5, except for blank samples or unless otherwise noted.

NS = Not Sampled

ND = Not Detected

L Lower Grab Sample

U Upper Grab Sample

* Total Lead

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
MW19/Hot Spot 1 Quarterly Groundwater Monitoring
MNA Field Data

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-19	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	10.97	7.23	24	890	2	13.94	NM	160	70
	3Q04	0.1	7.62	-10	1179	2	16.18	<10	200	95
	1Q05	0.2	7.67	100	590	5	11.82	9	241(1)	121
	2Q05L	1	7.84	NM	734	10	8.6	0.3	30	<10
	2Q05U	1	7.69	NM	760	10	8.46	0.4	29	<10
	3Q05	1	7.03	185	1920	9	15.86	>10	110	60
	4Q05	5.34	6.47	87	1005	4	15.01	>10	110	18
	1Q06	3.53	6.59	-50	978	13	8.72	>10	11	>100
	2Q06	4.92	7.66	-43	905	9	13.98	>10	225	60
	3Q06	0.34	7.08	-24	761	5	16.2	18	100	90
	4Q06	0.08	6.53	-76.7	579	7	15.36	>10	275	70
MW-19-1	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	13.9	7.22	180	1373	10	13.9	NM	125	17
	3Q04	1	7.5	80	1910	10	18.49	0.2	90	28
	1Q05	1	7.8	213	676	10	11.49	0	152(1)	30
	2Q05L	0.8	7.6	NM	2540	22	9.15	0.2	75	<10
	2Q05U	1	7.67	NM	2540	10	8.5	0.1	90	<10
	3Q05	1	7.22	208	2260	20	15.23	0.1	100	10
	4Q05	6.54	7.06	291	1149	36	16.70	0.1	45	<10
MW-19-2	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	4.45	7.3	83	1199	6	13.97	NM	210	60
	3Q04	5	7.45	59	1830	9	16.97	2	130	15.5
	1Q05	1	7.3	249	825	10	11.02	0	395(1)	63
	2Q05L	0.8	7.8	NM	1312	29	7.76	0.1	100	<10
	2Q05U	0.8	7.76	NM	1316	10	8.00	0.1	100	10
	3Q05	1	7.59	204	1980	3	14.87	1	100	10
	4Q05	4.75	6.79	290	1442	1	16.50	0.2	105	15.5
MW-19-4	1Q06	7.62	7.53	-64	1351	14	5.61	0.6	12	>50
	2Q06	6.53	7.74	116	1442	22	13.93	0.2	100	17
	3Q06	2.93	7.43	92	1335	9	18.68	0	10	19
	4Q06	4.03	7.69	172	886	10	16.67	0	150	22
MW-19-5	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	10.16	7.02	41	1550	4	12.89	NM	130	70
	3Q04	1	7.26	87	1740	19	16.3	2	150	60
	1Q05	1	7.94	226	269	9	10.59	0	126(1)	63
	2Q05L	1	7.94	NM	2640	10	8	0	45	16
	2Q05U	0.8	7.99	NM	2100	38	6.96	0	45	10.5
	3Q05	0.8	7.44	184	920	2	15.15	>10	100	35
	4Q05	1.84	6.27	217	216	10	15.15	0.1	30	11
	1Q06	3.35	6.35	249	512	3	8.17	0	12	>100
	2Q06	6.79	7.5	36	327	5	14.4	0.3	90	27
	3Q06	2.87	7.45	143	406	10	16.38	0	100	22
	4Q06	6.3	7.55	184	347	6	14.49	0.4	145	32
MW-19-6	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	5.48	6.86	56	2640	10	15.24	NM	80	33
	3Q04	1	7.43	83	2490	4	16.61	0.4	125	20
	1Q05	1	7.73	241	867	12	11.79	0	204(1)	41
	2Q05L	1	7.5	NM	1870	27	10.64	0.1	75	15
	2Q05U	1	7.48	NM	1790	2	9.89	1	80	20
	3Q05	1	7.28	191	3030	36	15.2	0.4	70	20
	4Q05	5.39	5.86	307	1550	9	14.76	0	80	10.5
	1Q06	3.71	6.6	237	1116	4	9.93	0	12	>100
	2Q06	6.61	7.53	35	1520	5	13.51	0.2	125	23
	3Q06	4.48	7.44	162	1249	9	16.11	0	100	24
	4Q06	4.7	7.47	207	941	8	15.45	0	70	40

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
MW19/Hot Spot 1 Quarterly Groundwater Monitoring
MNA Field Data

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-19-7	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	5.89	6.82	48	380	6	14.34	NM	95	90
	3Q04	1	6.92	113	4040	2	16.77	1	75	70
	1Q05	0.6	7.16	281	1388	1	11.34	3	200(1)	63
	2Q05L	0.05	7.82	102	938	25	11.7	15	160	36
	2Q05U	1	7.8	NM	961	49	11.22	15	200	29
	3Q05L	0.8	7.03	90	2670	17	14.76	>10	95	0.8
	3Q05U	1	7.02	185	2460	5	16.02	>10	70	35
	4Q05	1.58	5.98	-44	1434	14	14.85	>10	11	30
	1Q06	1.86	6.2	43	1130	14	10.81	>10	>100	>100
	2Q06	3.87	7.41	-33	1284	9	13.28	>10	170	70
	3Q06	0.6	7.28	33	1254	10	15.8	9	200	50
	4Q06	0.44	7.47	204	970	7	15.23	2	185	70
MW-19-8	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	3.98	6.9	-24	2010	10	15.69	NM	125	30
	3Q04	0.4	7.52	48	1093	7	18.29	2	100	19
	1Q05	0.3	7.06	161	177	16	12.92	10	142(1)	28
	2Q05	0.8	7.92	NM	1510	47	10.82	6	70	19
	3Q05	0	7.07	147	1820	2	18.86	3	80	19
	4Q05	6.74	6.10	330	1460	5	17.19	3	85	20
MW-19-9D	1Q04	NS	NS	NS	NS	NS	NS	**	**	**
	2Q04	3.03	7.11	-28	480	63	14.64	**	**	**
	3Q04	0.2	7.4	8	545	35	15.7	**	**	**
	1Q05	1.5	7.14	193	871	267	11.58	**	**	**
	2Q05	0.05	7.91	NM	471	70	12.12	**	**	**
	3Q05	0	7.35	189	552	2	16.4	**	**	**
	4Q05	0.94	5.78	-91	465	1	13.96	**	**	**
MW-19-10	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	3.82	6.78	85	1050	7	13.94	NM	80	25
	3Q04	0.1	7.35	107	1498	11	15.56	1.5	65	20
	1Q05	0.15	7.25	285	1039	28	13.19	2	127(1)	20
	2Q05L	0.8	7.47	NM	1209	52	12.18	0.4	70	13
	2Q05U	1	7.48	NM	1282	41	11.18	1	75	13
	3Q05	1	7.62	212	1148	18	16.47	0.6	70	13
	4Q05	9.89	6.73	229	1167	39	15.00	1	60	10
MW-19-11	1Q05	1.5	7.01	215	740	8	10.3	0	205(1)	65
	2Q05L	0.8	7.88	NM	1424	38	12.18	4	110	17
	2Q05U	0.8	7.8	NM	1442	10	12.12	4	90	15
	3Q05	1	7.72	209	1155	77	16.63	1	80	12.5
	4Q05	2.5	6.51	271	1470	10	15.86	0.4	85	15
MW-19-12	2Q06	0.99	7.29	-33	1046	9	16.06	4	120	100
	3Q06	0.21	7.41	5	1460	18	17.9	4	12	17
	4Q06	0.23	7.6	191	1234	10	16.72	3.5	1000	17
MW-25R	2Q06	0.47	6.77	-102	620	9	14.74	3.5	75	17
	3Q06	0.97	5.57	90.1	572	229	15.67	5	160	350
	4Q06	0.25	7.14	-41.2	517	24	11.33	1.5	90	100
MW-27s	2Q06*	1.66	7.74	183	933	>1000	16.65	0	80	<10
	3Q06	0.54	7.72	45	1437	247	19.44	0	200	14
	4Q06	2.36	7.59	134	1275	>1000	16.39	0	<10	20
MW-28s	2Q06	0.11	7.69	-478	687	12	14.38	>10	82	37
	3Q06	0.27	5.96	-101.8	831	14	17.69	>20	180	90
	4Q06	0.04	7.22	-146.8	684	20	15.27	>20	200	55
MW-28i	2Q06	0.23	7.88	-126	756	8	15	>10	135	28
	3Q06	0.51	7.59	-98	649	14	16.42	18	90	27
	4Q06	0.04	7.37	-146.7	598	13	14.82	>20	150	25

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
MW19/Hot Spot 1 Quarterly Groundwater Monitoring
MNA Field Data

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-29s	2Q06	3.63	7.32	-32	1021	68	18.45	>10	260	95
	3Q06	0.36	6.73	-109.8	1090	10	20.63	18	310	80
	4Q06	0.05	6.85	-97.9	775	11	17.04	>10	350	65
MW-30s	2Q06	0.14	6.76	-180	672	34	16.81	>10	78	14
	3Q06	0.39	5.66	73.1	704	155	18.9	18	60	250
	4Q06	0.01	7.09	-146.1	627	94	13.46	>20	200	60
MW-30i	2Q06	0.33	7.7	-194	687	8	15.22	5.5	75	19
	3Q06	0.43	7.52	-63	777	9	17.13	18	180	32
	4Q06	0.2	7.16	-144.2	827	42	14.2	>10	>1000	45
MW-30d	2Q06	0.3	5.35	-131	449	10	14.45	2	100	30
	3Q06	2.49	7	-44	458	15	15.07	2.5	70	70
	4Q06	0.18	7.29	-99	637	33	13.39	5	130	17

Notes:

As mentioned in January 13, 2005 letter, only the MW-19 Hotspot wells will be sampled for MNA parameters due to the implementation of Source Reduction on the L.E. Carpenter property effective 1Q05.

** Additional field MNA parameters not required for MW-19-9D.

(1) Laboratory analyzed for alkalinity due to destroyed field kits.

NS = Not Sampled

NM = Not Measured

L Lower Grab Sample

U Upper Grab Sample

* Well was not stabalized due to well going dry.

Table 5
L.E. CARPENTER AND COMPANY (LEC)
Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

MONITORING WELLS	SAMPLE DATE	QUARTER	ANALYTICAL PARAMETERS: Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
NEW JERSEY SURFACE WATER QUALITY STANDARDS (NJSWQS)			0.15		3,030		7,440		NCS		1.76	
SW-D-1												
	8-Apr-05	2Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	26-Jul-05	3Q05	<	0.2	<	0.2	J	0.5	<	0.6	<	1.0
	26-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	J	0.2	<	0.6	J	11.0
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
SW-D-2												
	8-Apr-05	2Q05		NS		NS		NS		NS		NS
	26-Jul-05	3Q05	<	0.2	J	0.5	<	0.2		6.1		38.0
	26-Oct-05	4Q05	<	0.2	J	0.6	<	0.2	J	2.0	<	1.0
	27-Feb-06	1Q06	<	0.2	J	0.8	<	0.2	J	2.7		27.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	19-Jun-06	2Q06D	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
SW-D-3												
	8-Apr-05	2Q05	<	0.2		21.0	<	0.2		79.0	J	2.0
	26-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	J	1.1	J	7.0
	26-Oct-05	4Q05	<	0.2	J	0.4	<	0.2	J	1.4	<	1.0
	27-Feb-06	1Q06	<	0.2		1.1	<	0.2		3.9	J	6.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	3.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	11-Sep-06	3Q06D	<	0.2	<	0.2	<	0.2	<	0.6	J	3.0
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
SW-D-4												
	20-Jun-06	2Q06	<	0.2	<	0.2	J	0.4	<	0.6	J	3.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	9-Nov-06	4Q06	<	0.2	J	0.4	<	0.2	J	0.6	<	0.9
SW-D-5												
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	10.0
	6-Nov-06	4Q06	<	0.2	J	0.2	<	0.2	J	0.8	<	0.9
DRC-1												
	20-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	J	1.2	<	0.9
DRC-2												
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	J	0.5	<	0.2	J	1.9	<	0.9

Table 5
L.E. CARPENTER AND COMPANY (LEC)
Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

MONITORING WELLS	SAMPLE DATE	QUARTER	ANALYTICAL PARAMETERS									
			Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
NEW JERSEY SURFACE WATER QUALITY STANDARDS (NJSWQS)			0.15		3,030		7,440		NCS		1.76	
SW-R-1												
	20-Apr-05[1]	2Q05	<	0.2		17.0	J	0.8		99.0	J	2.0
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	27-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Feb-06	1Q06	<	0.2	J	0.3	<	0.2	J	1.4	<	0.9
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	J	0.2	<	0.2	J	1.1	<	1.0
SW-R-2												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	J	0.5	<	0.2	J	2.3	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06D	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
SW-R-3												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
SW-R-4												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
SW-R-5												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
SW-R-6												
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9

Table 5
L.E. CARPENTER AND COMPANY (LEC)
Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
NEW JERSEY SURFACE WATER QUALITY STANDARDS (NJSWQS)			0.15	3,030	7,440	NCS	1.76

LEGEND

ug/L = micrograms per liter

NCS: No Criteria Specified by NJDEP

NS = Not Sampled

duplicate = Duplicate sample

Concentration exceeds NJSWQS **38.0**

B: Analyte also detected in blank

J: Estimated value. Value is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ)

* = Detection limit is elevated due to interference from other parameter detections. Laboratory will be contacted to lower benzene detection limit to be below the NJSWQS.

(1) One surface water sample was collected near the edge of the river immediately adjacent to the location of absorbent booms that were placed in order to prevent any migration into the river of sheen observed on top of quiescent water ponded within the w

Figures

RMT COMPUTER AIDED DESIGN AND DRAFTING

NEW JERSEY

QUADRANGLE LOCATION

N

0 2000' 4000'

APPROXIMATE SCALE IN FEET

SOURCE

BASE MAP DEVELOPED FROM THE DOVER, NEW JERSEY 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP, DATED 1954, PHOTOREVISED 1981.

RMT INC.

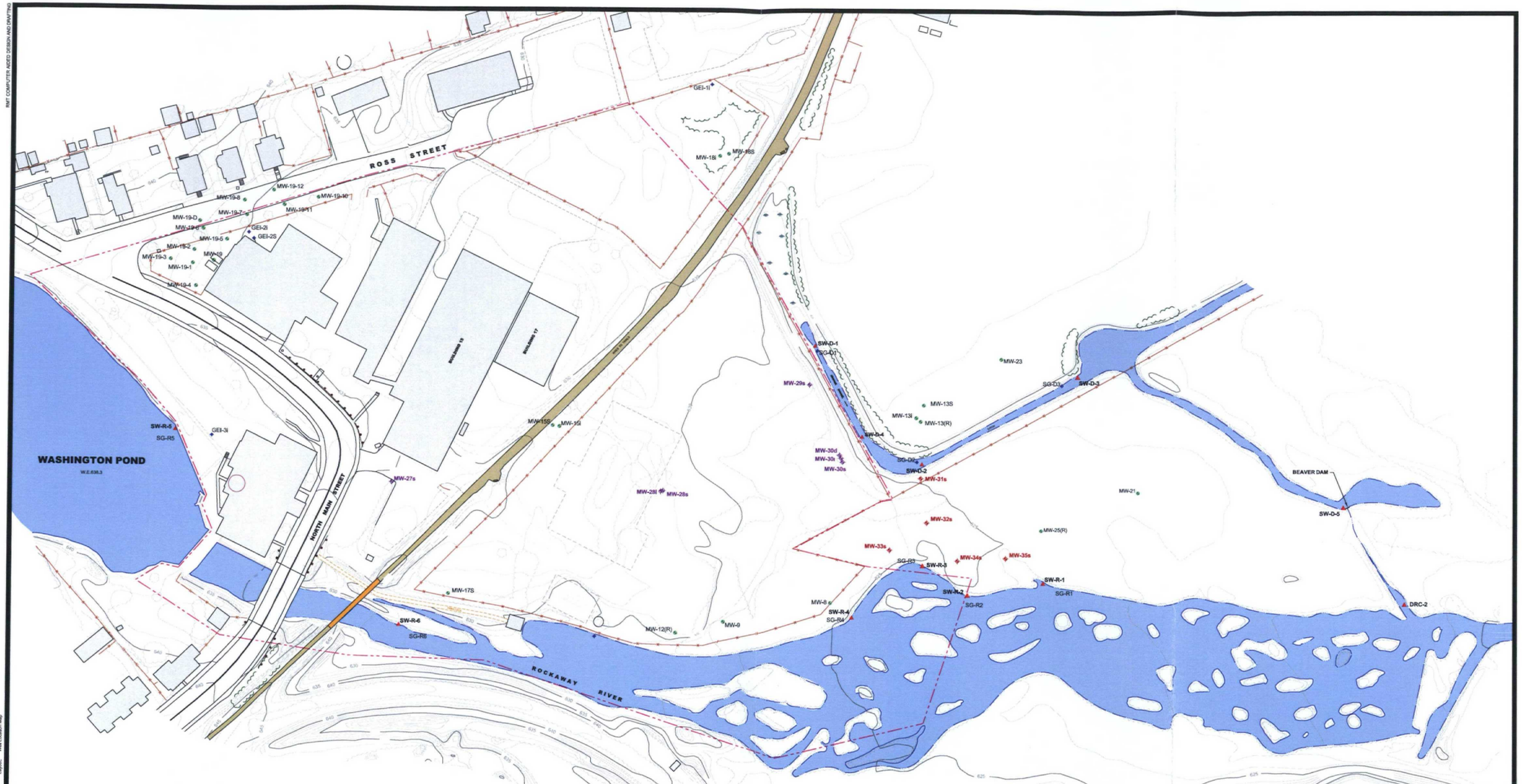
LE CARPENTER
WHARTON, NEW JERSEY

SITE LOCATION MAP

DRAWN BY:	SL
APPROVED BY:	JO
PROJECT NUMBER:	6527.18
FILE NUMBER:	6527.18.21.DWG
DATE:	JANUARY 2007

FIGURE 1

PLOT DATA
Drawing Name: J:\06527\18\6527.18.21.dwg
Operator Name: Scale: lucidos 1"=2000'
Dwg Size: Plot Date: 147754 Bytes Thursday, January 11, 2007
Plot Time: Attached Xref's: 3:43:1021 PM No xref's Attached.



LEGEND

- APPROXIMATE PROPERTY LINE
- FENCE LINE
- TREES
- MW-25(R) — MONITORING WELL LOCATION AND NUMBER
- SG-R1 — RIVER POINT SURFACE WATER ELEVATION
- SG-D1 — DRAINAGE CHANNEL POINT SURFACE WATER ELEVATION
- GEI-2i — PIEZOMETER LOCATION
- MW-29s — INSTALLED NON-WETLAND MONITORING WELL LOCATION AND NUMBER (JUNE 2006) (s = shallow, i = intermediate, d = deep)
- MW-31s — PROPOSED WETLAND MONITORING WELL LOCATION AND NUMBER (s = shallow)
- SW-R-1 — SURFACE WATER SAMPLING LOCATION (D = DITCH; R = RIVER)

NOTES

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BYJAMES M.STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02.

N

0 60' 120' 180' 240'

SCALE IN FEET

NO.	BY	DATE	REVISION	APP'D.
5.				
4.				
3.				
2.				
1.				

L.E. CARPENTER
WHARTON, NEW JERSEY

SITE PLAN WITH SAMPLE LOCATIONS

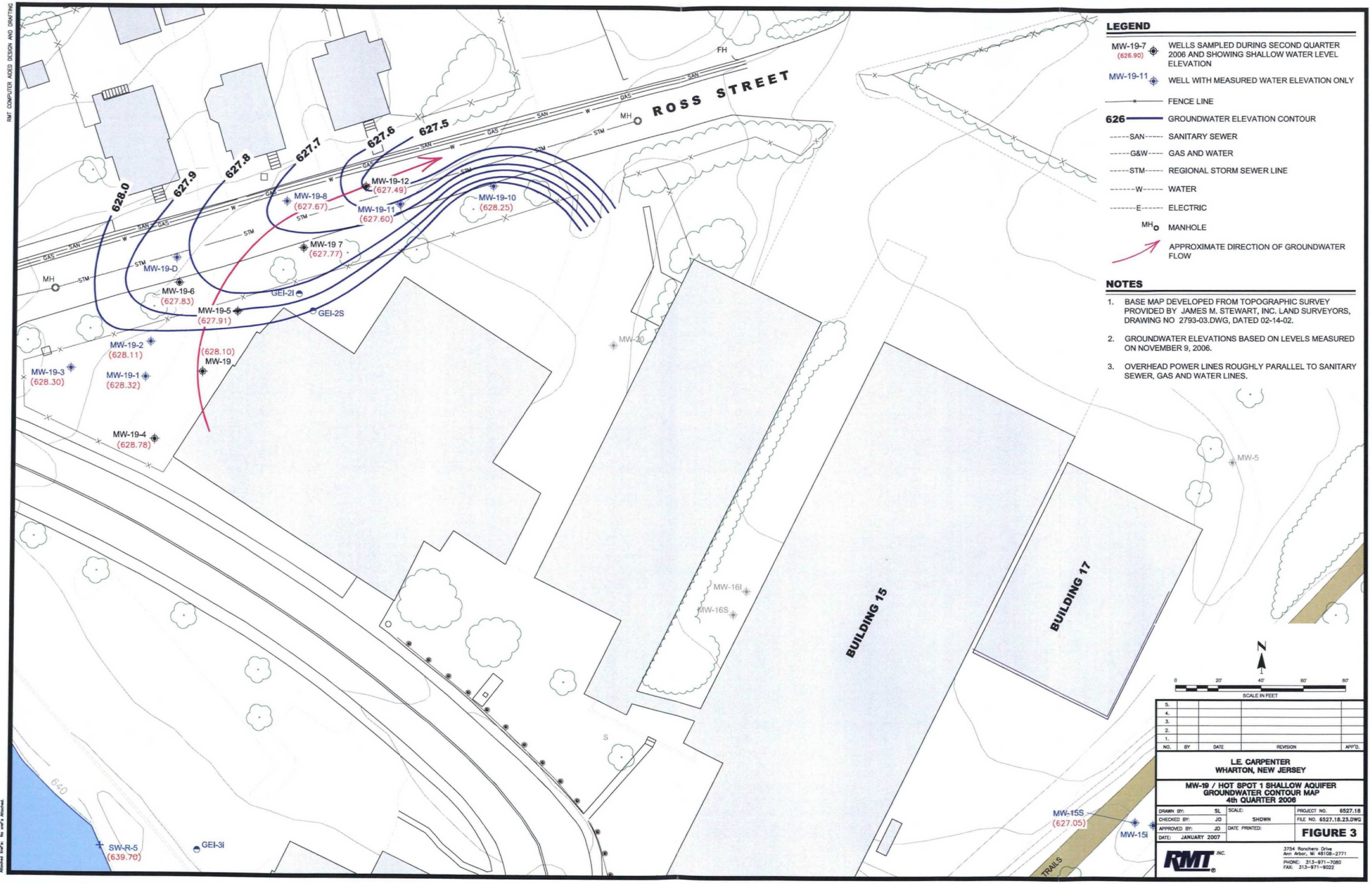
DRAWN BY: SL	DRAWING SCALE:	PROJECT NO.	J:\06527\18
CHECKED BY: JD	SHOWN	FILE NO.	6527.18.22.dwg
APPROVED BY: JD	DATE PRINTED:	**FIGURE 2**	
DATE: January 2007			

RMT INC.

3754 Ranchero Drive
Ann Arbor, Michigan 48108-2771
Phone: 734-971-7080
Fax: 734-971-9022

RMT COMPUTER AIDED DESIGN AND DRAFTING

Drawing Name: J:\06527\18\6527.18.22.dwg
Operator Name: LUCIDOS
Drawing Plot Scale: 1:40
Dwg Size: 0.72 Mb
Plot Date: January 15, 2007
Plot Time: 2:05 PM
Layout: Well Location Map



LEGEND

MW-19-7 (626.90)	WELLS SAMPLED DURING SECOND QUARTER 2006 AND SHOWING SHALLOW WATER LEVEL ELEVATION
MW-19-11	WELL WITH MEASURED WATER ELEVATION ONLY
	FENCE LINE
626	GROUNDWATER ELEVATION CONTOUR
-----SAN-----	SANITARY SEWER
-----G&W-----	GAS AND WATER
-----STM-----	REGIONAL STORM SEWER LINE
-------W------	WATER
-------E------	ELECTRIC
MH	MANHOLE
	APPROXIMATE DIRECTION OF GROUNDWATER FLOW

NOTES

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02.
2. GROUNDWATER ELEVATIONS BASED ON LEVELS MEASURED ON NOVEMBER 9, 2006.
3. OVERHEAD POWER LINES ROUGHLY PARALLEL TO SANITARY SEWER, GAS AND WATER LINES.

NO.	BY	DATE	REVISION	APP'D.
5.				
4.				
3.				
2.				
1.				

L.E. CARPENTER
WHARTON, NEW JERSEY

MW-19 / HOT SPOT 1 SHALLOW AQUIFER GROUNDWATER CONTOUR MAP
4th QUARTER 2006

DRAWN BY: SL	SCALE: SHOWN	PROJECT NO. 6527.18	
CHECKED BY: JO		FILE NO. 6527.18.23.DWG	
APPROVED BY: JO	DATE PRINTED:	**FIGURE 3**	
DATE: JANUARY 2007			

RMT INC.
3754 Ronchero Drive
Ann Arbor, MI 48108-2771
PHONE: 313-971-7080
FAX: 313-971-9022

RMT COMPUTER AIDED DESIGN AND DRAFTING

LEGEND

MW-19 7 / 0.576	MONITORING WELL WITH CORRESPONDING TOTAL DISSOLVED BTEX CONCENTRATION IN PPM (mg/L)
GEI-2I	QUARTERLY STATIC WATER LEVEL MONITORING LOCATION
	FENCE LINE
626	GROUNDWATER ELEVATION CONTOUR
-----SAN----	SANITARY SEWER
-----G&W----	GAS AND WATER
-----STM----	REGIONAL STORM SEWER LINE
------W-----	WATER
------E-----	ELECTRIC
MH	MANHOLE
10	ISOCONCENTRATION CONTOUR FOR TOTAL MAXIMUM BTEX (ppm) IN GROUNDWATER

NOTES

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02.
2. GROUNDWATER ELEVATIONS BASED ON LEVELS MEASURED ON NOVEMBER 9, 2006.
3. NS = NOT SAMPLED; ND = NOT DETECTED
4. OVERHEAD POWER LINES ROUGHLY PARALLEL TO SANITARY SEWER, GAS AND WATER LINES.

N

0 20' 40' 60' 80'
SCALE IN FEET

NO.	BY	DATE	REVISION	APP'D.
5.				
4.				
3.				
2.				
1.				

L.E. CARPENTER
WHARTON, NEW JERSEY

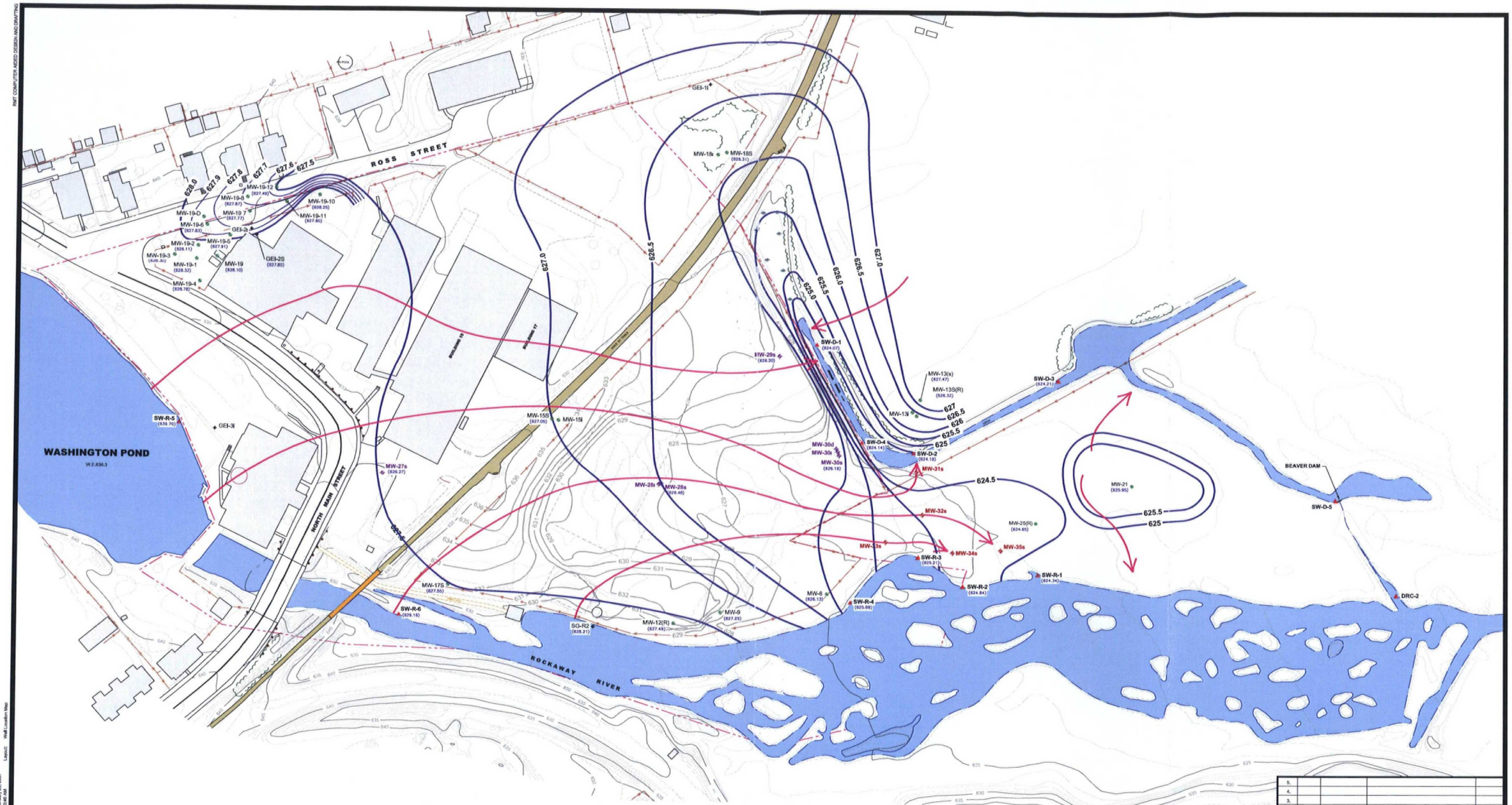
MW-19 / HOT SPOT 1 SHALLOW AQUIFER ISOCONCENTRATION MAP
4th QUARTER 2006

DRAWN BY: SL	SCALE: SHOWN	PROJECT NO. 6527.18	
CHECKED BY: JO		FILE NO. 6527.18.24.DWG	
APPROVED BY: NC	DATE PRINTED:	**FIGURE 4**	
DATE: JANUARY 2007			

RMT INC.
3734 Ranchero Drive
Ann Arbor, MI 48108
PHONE: 313-971-7080
FAX: 313-971-9022

RMT COMPUTER AIDED DESIGN AND DRAFTING

FILE DATA
Drawing Name: J:\06527\18\6527.18.24.dwg
Operator Name: LUCAS
Date: 01/09/07
Dwg Size: 8679.53 Bytes
Plot Date: Thursday January 11, 2007
Plot Time: 3:41:33 PM
Plot Scale: 1 Inch = 1 Foot
Plot Name: "Plot" By Jeff A. Hansen



LEGEND

- APPROXIMATE PROPERTY LINE
- FENCE LINE
- TREES
- MW-25(R) — MONITORING WELL LOCATION AND NUMBER
- SG-R1 — RIVER POINT SURFACE WATER ELEVATION
- SG-D1 — DRAINAGE CHANNEL POINT SURFACE WATER ELEVATION
- GEI-2i — PIEZOMETER LOCATION
- 632 — POST-REMEDIATION GROUND SURFACE ELEVATIONS
- MW-29s — INSTALLED NON-WETLAND MONITORING WELL LOCATION AND NUMBER (JUNE 2006) (s = shallow, i = intermediate, d = deep)
- MW-31s — PROPOSED WETLAND MONITORING WELL LOCATION AND NUMBER (s = shallow)
- SW-R-1 — SURFACE WATER SAMPLING LOCATION (D = DITCH; R = RIVER)
- 626.9 — SHALLOW GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED
- APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTES

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BYJAMES M.STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02.

N

0 60' 120' 180' 240'

SCALE IN FEET

NO.	BY	DATE	REVISION	APP'D.
5.				
4.				
3.				
2.				
1.				

L.E. CARPENTER
WHARTON, NEW JERSEY

SITE-WIDE SHALLOW GROUNDWATER ELEVATION CONTOURS

DRAWN BY: SL	DRAWING SCALE:	PROJECT NO.	J:\06527\18
CHECKED BY: EV,JO	SHOWN	FILE NO.	6527.18.25.dwg
APPROVED BY: JD	DATE PRINTED:	**FIGURE 5**	
DATE: January 2007			

RMT INC.

3754 Ranchero Drive
Ann Arbor, Michigan 48108-2771
Phone: 734-971-7080
Fax: 734-971-9022

Drawing Name: J:\06527\18\6527.18.25.dwg
Operator Name: LJCIDOS
Drawing Plot Scale: 1:40
Dwg Size: 0.82 Mb
Plot Date: January 23, 2007
Plot Time: 10:46 AM
Layout: Well Location Map

RMT COMPUTER AIDED DESIGN AND DRAFTING

Appendix A
Report Certification

REPORT CERTIFICATION
PURSUANT TO N.J.A.C. 7:26E-1.5

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement, which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties."

Mr. Cristopher R. Anderson

PRINTED NAME

Director, Environmental Services

TITLE

L.E. Carpenter & Company

COMPANY

Cristopher Anderson

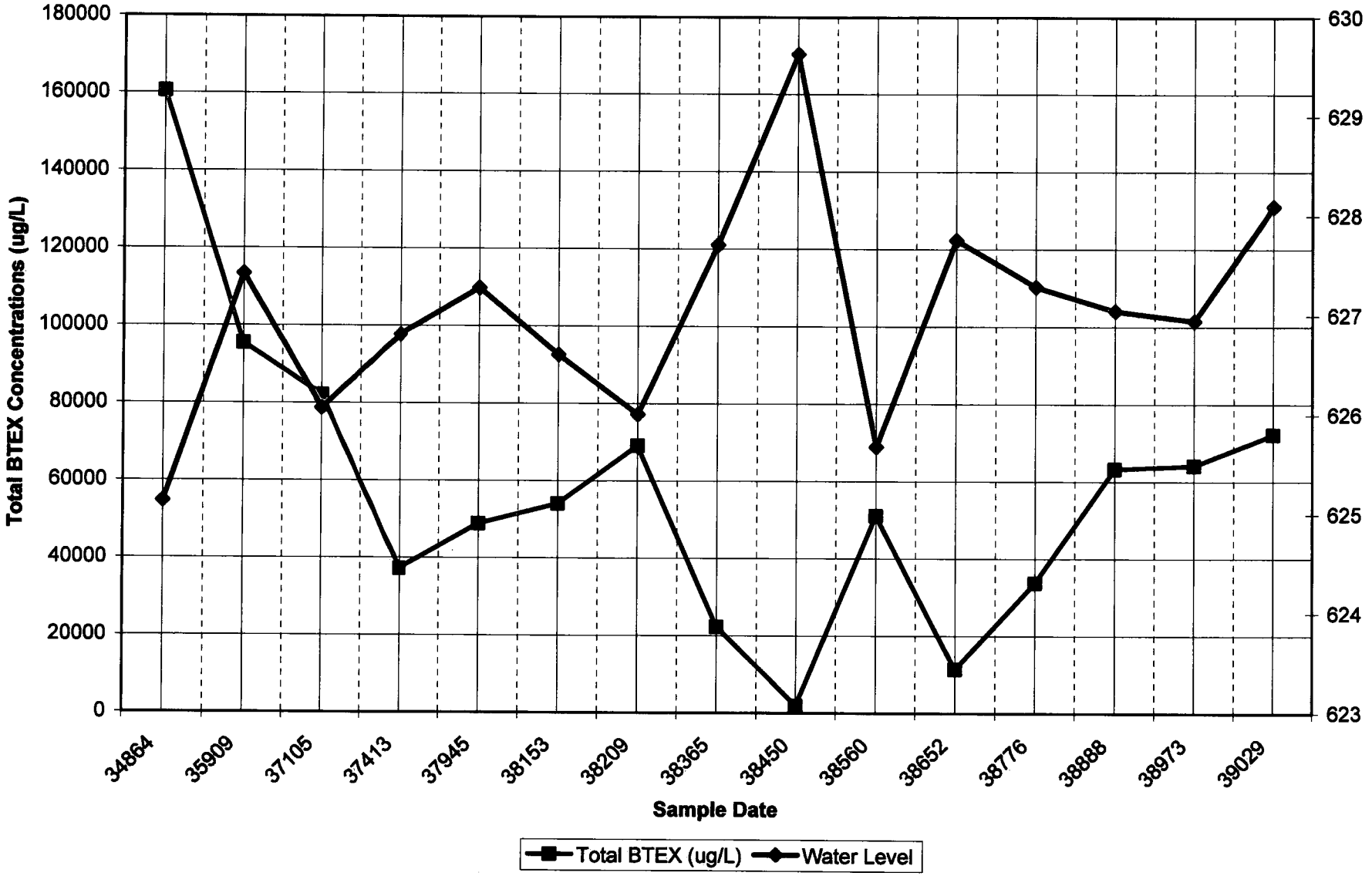
SIGNATURE

2/2/07

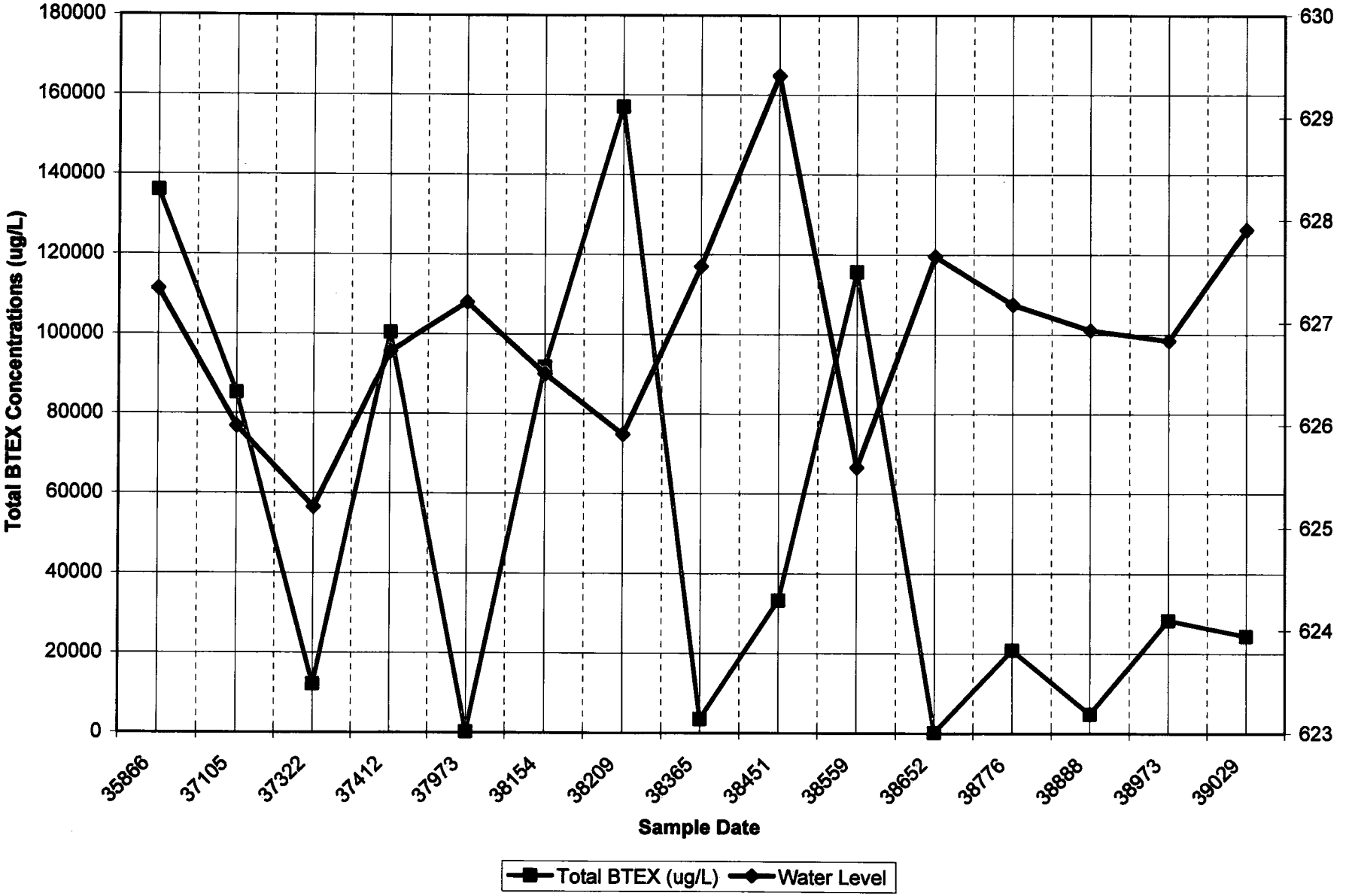
DATE

Appendix B
BTEX Concentration Trend Charts

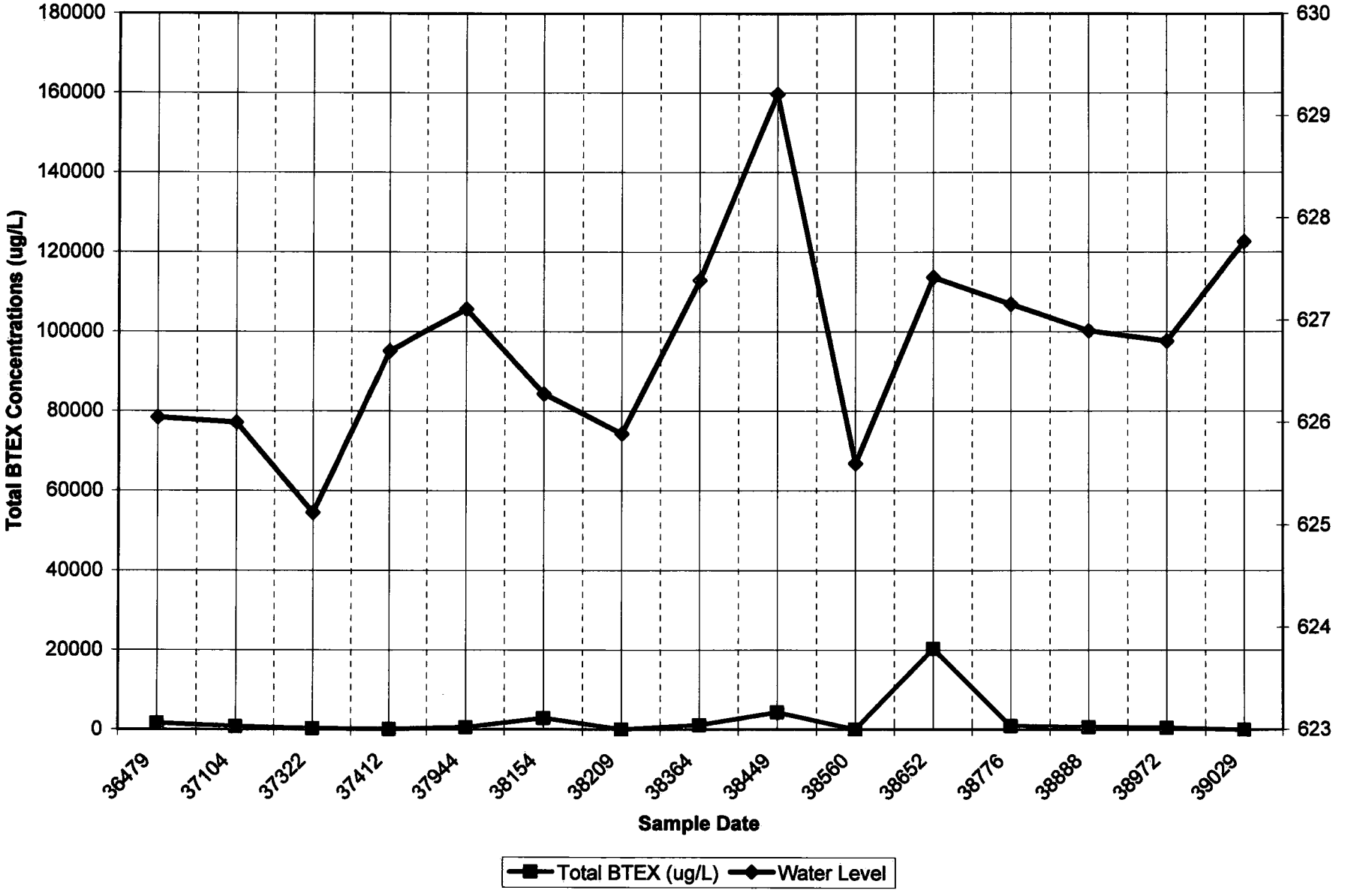
Total BTEX Concentrations vs. Water Levels for MW-19



Total BTEX Concentrations vs. Water Levels for MW-19-5



Total BTEX Concentrations vs. Water Levels for MW-19-7



Appendix C
4th Quarter 2006 Monitoring Well Sampling Data

RMT®

PROJECT NAME: L. E. Carpenter

PROJECT NUMBER: 6527.18

PROJECT MANAGER: N. Clevett

SITE LOCATION: Wharton, NJ

DATES OF FIELDWORK: 11/6/2006 TO 11/10/2006

PURPOSE OF FIELDWORK: Collect Static Water Levels, Ground and Surface Water Sample

WORK PERFORMED BY: E. Vincke & K. McFarlin

SIGNED 11/10/06 DATE

CHECKED BY 11/27/06 DATE

RMT

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 11/6/06	TIME ARRIVED: 1045
PROJECT NUMBER: 6527.18	AUTHOR: E. Vincke & K. McF	TIME LEFT: 1740

WEATHER

TEMPERATURE: 50's °F WIND: 0-5 MPH VISIBILITY: Sunny / CLR

WORK / SAMPLING PERFORMED

- Arrived on site setup.
- Purged MW-27S until went dry.
- Site Wide Water Levels Taken.
- Sampled DRC-2, SW-D-5, SW-R-1 (MS/MSD), SW-R-2 (DUP-03), SW-R-3, SW-R-4, SW-R-5, and SW-R-6.
- Sorted bottles & coolers for monitoring wells.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
Bring large O-rings and check balls next visit to site.	Have enough pump supplies for this quarter.
pH 4 not calibrating	pH 7 was calibrated soaking pH 4 overnight.

COMMUNICATION

NAME		
RMT-GR		Progress update

E. Vincke 11/6/06
SIGNED DATE

J Overvoorde 11/27/06
CHECKED BY DATE

RMT

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 11/7/06	TIME ARRIVED: 0630
PROJECT NUMBER: 6527.18	AUTHOR: E. Vincke & K. McF	TIME LEFT: 1815

WEATHER

TEMPERATURE: 60's °F WIND: 5-10 MPH VISIBILITY: CLR

WORK / SAMPLING PERFORMED

- Sample MW-27s, MW-19-12 (DUP-01), ATM-01, MW-19-4 MS/MSD, MW-25(R), MW-19-6, MW-28I, MW-28s

- Ship samples at FEDEX

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
—	—

COMMUNICATION

NAME		
RMT-GR		progress update

E. Vincke 11/7/06
SIGNED DATE

dVermoorde 11/27/06
CHECKED BY DATE

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 11/8/06	TIME ARRIVED: 0645
PROJECT NUMBER: 6527.18	AUTHOR: E. Vincke & K. McF	TIME LEFT:

WEATHER

TEMPERATURE: 40's °F WIND: 5-10 MPH VISIBILITY: Overcast/Rain

WORK / SAMPLING PERFORMED

Sampled MW-19-7, MW-30D, MW-30I (DUP-02), MW-19-5, MW-19.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
Heavy Rain making work difficult	Quit Early

COMMUNICATION

NAME		
RMT-GR		progress update

E. Vincke 11/8/06
SIGNED DATE

[signature] 11/27/06
CHECKED BY DATE

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 11/9/06	TIME ARRIVED: 0630
PROJECT NUMBER: 6527.18	AUTHOR: E. Vincke & K. McF	TIME LEFT: 1630

WEATHER

TEMPERATURE: 50 °F WIND: 5-10 MPH VISIBILITY: Cloudy

WORK / SAMPLING PERFORMED

Sampled MW-30S, MW-29S, SW-D-3, SW-D-2, SW-D-1, SW-D-4, RB-01, RB-02, RB-03

Cleaned and packed shed and supplies.

FedEx supplies from office.

Site Wide Water levels.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME		
RMT-GR		Progress update

E. Vincke 11/9/06
SIGNED DATE

J Overmoorde 11/27/06
CHECKED BY DATE

RMT®

EQUIPMENT SUMMARY

PROJECT NAME:	L. E. Carpenter	SAMPLER NAME:	E. Vincke & K. McFarlin
PROJECT NO.:	6527.18		

WATER LEVEL MEASUREMENTS COLLECTED WITH:

QED MP 10 — NAME AND MODEL OF INSTRUMENT

LEC — SERIAL NUMBER (IF APPLICABLE)

PRODUCT LEVEL MEASUREMENTS COLLECTED WITH:

NAME AND MODEL OF INSTRUMENT

SERIAL NUMBER (IF APPLICABLE)

DEPTH TO BOTTOM OF WELL MEASUREMENTS COLLECTED WITH:

QED MP10 — NAME AND MODEL OF INSTRUMENT

LEC — SERIAL NUMBER (IF APPLICABLE)

PURGING METHOD

QED Bladder — NAME AND MODEL OF PUMP OR TYPE OF BAILER

LEC — SERIAL NUMBER (IF APPLICABLE)

SAMPLING METHOD

QED Bladder — NAME AND MODEL OF PUMP OR TYPE OF BAILER

LEC — SERIAL NUMBER (IF APPLICABLE)

In line — NAME AND MODEL OF FILTERATION DEVICE

45 micron — FILTER TYPE AND SIZE

PE — TUBING TYPE

☒ LOW-FLOW SAMPLING EVENT

PURGE WATER DISPOSAL METHOD

☐ GROUND ☐ DRUM ☐ POTW ☒ POLYTANK ☐ OTHER _____

DECONTAMINATION AND FIELD BLANK WATER SOURCE

Lab — POTABLE WATER SOURCE

Lab — DI WATER SOURCE

E. Vincke — SIGNED — 11/10/06 — DATE

D Drenoorde — CHECKED BY — 11/27/06 — DATE

RMT®

EQUIPMENT SUMMARY

PROJECT NAME:	L. E. Carpenter	SAMPLER NAME:	E. Vincke & K. McFarlin
PROJECT NO.:	6527.18		

WATER LEVEL MEASUREMENTS COLLECTED WITH:

QED MP10 — NAME AND MODEL OF INSTRUMENT

GRR — SERIAL NUMBER (IF APPLICABLE)

PRODUCT LEVEL MEASUREMENTS COLLECTED WITH:

NAME AND MODEL OF INSTRUMENT

SERIAL NUMBER (IF APPLICABLE)

DEPTH TO BOTTOM OF WELL MEASUREMENTS COLLECTED WITH:

QED MP10 — NAME AND MODEL OF INSTRUMENT

GRR — SERIAL NUMBER (IF APPLICABLE)

PURGING METHOD

QED Bladder — NAME AND MODEL OF PUMP OR TYPE OF BAILER

GRR — SERIAL NUMBER (IF APPLICABLE)

SAMPLING METHOD

QED Bladder — NAME AND MODEL OF PUMP OR TYPE OF BAILER

GRR — SERIAL NUMBER (IF APPLICABLE)

In Line — NAME AND MODEL OF FILTERATION DEVICE

45 Micron — FILTER TYPE AND SIZE

PE — TUBING TYPE

☒ LOW-FLOW SAMPLING EVENT

PURGE WATER DISPOSAL METHOD

☐ GROUND ☐ DRUM ☐ POTW ☒ POLYTANK ☐ OTHER _____

DECONTAMINATION AND FIELD BLANK WATER SOURCE

Lab — POTABLE WATER SOURCE

Lab — DI WATER SOURCE

E. Vincke — SIGNED — 11/10/06 — DATE

J Overmoorde — CHECKED BY — 11/27/06 — DATE

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: MP20	SAMPLER: EV/KM
PROJECT NO.: 6527.18	SERIAL #: QD01240	DATE: 11/6/06

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 2501256	PH 4 / 10 (LOT NUMBER): 2508440	TIME
7.12 / 7.0	6.17 / Failed	1150
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2507196	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1.51 / 1.413	11.0	1.413	1156
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
10.02	1153

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #):	TIME
0 / 10	6 /	1207
0 / 100	51 /	1207
0 / 1,000	499 /	1208
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER):	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
302 / 245	10	245	1200
/			
/			
/			

PROBLEMS ENCOUNTERED:	CORRECTIVE ACTIONS
NA pH wouldn't calibrate to 4.0	soaked sensors in pH 4 all night.
short sampling day	

Kelly McJordin 11/6/06
SIGNED DATE

dOvemorde 11/27/06
CHECKED BY DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME:	L. E. Carpenter	MODEL:	MP20	SAMPLER:	EV/KM
PROJECT NO.:	6527.18	SERIAL #:	QD01240	DATE:	11/7/06

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 2501256		PH 4 / 10 (LOT NUMBER): 2503440		TIME
6.85	7.00	6.31	failed	706
7.22	7.00	5.94	failed	1434

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2507196		TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1.53	1.413	9.70	1.413	710
1.372	1.413	17.57	1.413	1440

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
10.60	712
5.91	1441

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #):	TIME
0-10 / 6	/	720
0-100 / 51	/	720
0-1,000 / 501	/	721
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER):		TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
224	243	8.51	243	716
224	229	19.20	229	1443

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
pH 4 still won't calibrate	Use new pH calibration solution.

Kelly McJordin 11/27/06
SIGNED DATE

D Vernoarde 11/27/06
CHECKED BY DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME:	L. E. Carpenter	MODEL:	556MPS	SAMPLER:	EV/KM
PROJECT NO.:	6527.18	SERIAL #:	9601746	DATE:	11/7/06

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 2501256	PH 4 / 10 (LOT NUMBER): 2508440	TIME
7.03 / 7.00	3.98 / 4.00	1042
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2507196	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1451 / 1409	12.81	1409	1044
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
8.32	1045

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #):	TIME
0-10 / 6	/	0725
0-100 / 53	/	0725
0-1000 / 519	/	0725
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER):	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
238 / 240	12.93	240	1040
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
Short sampling day due to heavy rains	

E. Vail 11/7/06
SIGNED DATE

d Overvoorde 11/27/06
CHECKED BY DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: MP20	SAMPLER: EV/KM
PROJECT NO.: 6527.18	SERIAL #: QD01240	DATE: 11/8/06

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 2501256	PH 4 / 10 (LOT NUMBER): 2508440	TIME
6.94 / 7.0	6.11 / Failed	803
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2507196	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1.408 / 1.413	14.69	1.413	807
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
7.67	811

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #):	TIME
0-10 / 6	/	814
0-100 / 51	/	814
0-1,000 / 500	/	814
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER):	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
234 / 235	14.58	235	810
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
pH 4 failed	
short sampling day	

Kelly McFarlin 11/8/06
SIGNED DATE

J Overmoorde 11/27/06
CHECKED BY DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: YSI 556	SAMPLER: EV/KM
PROJECT NO.: 6527.18	SERIAL #: 06D1746	DATE: 11/8/06

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 2501256	PH 4 / 10 (LOT NUMBER): 2508440	TIME
7.07 / 7.00	3.99 / 4.00	0732
7.08 / 7.00	4.10 / 4.00	1502
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2507196	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1392 / 1409	12.62	1409	0743
1368 / 1409	13.35	1409	1510
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
8.62	0729
8.17	1514

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #):	TIME
5/10 / 52/500	551/1000	0734
6/10 / 52/100	503/1,000	1517
/	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER):	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
238.4 / 240	12.37	240	0730
235.5 / 234.5	13.63	234.5	1512
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
NA	

Kelley McFarlin 11/8/06
SIGNED DATE

[signature] 11/27/06
CHECKED BY DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: 556MPS	SAMPLER: EV/KM
PROJECT NO.: 6527.18	SERIAL #: 06D1746	DATE: 11/9/06

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 2501256	PH 4 / 10 (LOT NUMBER): 2508440	TIME
6.95 / 7.00	3.97 / 4.02	0646
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2507196	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1.398 / 1.409	12.82	1.409	0649
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
8.79	0655

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #):	TIME
0-10 / 6	0-100 / 52	0706
0-1,000 / 503	/	0706
/	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER):	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
258.6 / 236.5	14.52	236.5	0652
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
short sampling day	

Kelly McFarlin 11/9/06
SIGNED DATE

J Overwarde 11/27/06
CHECKED BY DATE

REVISED 07/2005

RMT

WATER LEVEL DATA

PROJECT NAME:	L. E. Carpenter	DATE:	11/6/06
PROJECT NUMBER:	6527.18	AUTHOR:	E. Vincke & K. McFarlin

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-19	1406			16.59		8.74
MW-19-1	1335					8.45
MW-19-2	1339					9.19
MW-19-3	1333					9.41
MW-19-4	1331			16.03		8.04
MW-19-5	1341			15.59		8.52
MW-19-6	1349			19.66		8.74
MW-19-7	1352			20.23		8.06
MW-19-8	1343					8.44
MW-19-9D	1350					8.40
MW-19-10	1403					6.93
MW-19-11	1357					6.83
MW-19-12	1355			16.71		7.78
GEI-2I	1345					10.15
GEI-2S	1346					10.06
GEI-3I	~~1425~~	1719				~~7.88~~ 12.44
MW-15S	1413					10.05 *
MW-15I	1412					9.86
MW-18S	1416					DRY
MW-18I	1418					4.29
MW-17S	1425					7.88
MW-12R	1431					7.43
MW-9	1434					3.38
MW-8	1436					2.72
MW-25R	1529			9.70		2.04
MW-21	1532					2.91
MW-27S	1502			13.02		8.50
MW-28S	1450			17.62		5.47

EVincke 11/27/06

17/54 ~~[illegible]~~

MW-28I	1449			22.81		5.30
MW-29S	1444			1459		7.08
MW-30S	1457			12.09	NP	2.61
MW-30I	1456			18.10	NP	2.58
MW-30D	1454			27.15	NP	2.58
SW-D-1						NM
SW-D-2						NM
SW-D-3						NM
SW-R-1	1620					2.28
SW-R-2	1630					2.48
SW-R-3	1645					1.71
SW-R-4	1655					2.35
SW-R-5	1720			SG = 1.72		1.64
SW-R-6	1710					3.34
SW-D-4						NM
DRC-1	1535					1.06
SG-R2	1428					2.42
MW-13S				NM		NM
MW-13I				NM		NM
MW-13S (R)						NM
DRC-2	1545					1.78
SW-D-5	1600					2.94

ALL WATER LEVELS MUST INCLUDE REFERENCE POINT AND TAPE CORRECTION FACTOR (E.G., 1.1 + 0.00 T/PVC).

E. [signature] 11/6/06
SIGNED DATE

[signature] 11/27/06
CHECKED DATE

RMT

WATER LEVEL DATA

PROJECT NAME: L. E. Carpenter	DATE: 11/9/06
PROJECT NUMBER: 6527.18	AUTHOR: E. Vincke & K. McFarlin

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-19	1602		7.80			
MW-19-1	1605		7.32			
MW-19-2	1606		8.19			
MW-19-3	1607		8.40			
MW-19-4	1604		6.65			
MW-19-5	1601		7.65			
MW-19-6	1553		7.99			
MW-19-7	1552		7.23			
MW-19-8	1610		7.69			
MW-19-9D	1553		7.69			
MW-19-10	1546		6.18			
MW-19-11	1550		6.87			
MW-19-12	1551		6.97			
GEI-2I	1559		9.39			
GEI-2S	1558		9.22			
GEI-3I	1537		11.58			
MW-15S	1531		9.12			
MW-15I	1530		9.21			
MW-18S	1528		4.35			
MW-18I	1527		3.64			
MW-17S	1449		6.64			
MW-12R	1444		6.24			
MW-9	1443		2.33			
MW-8	1441		2.06			
MW-25R	1353		1.97			
MW-21	1402		2.25			
MW-27S	NM		NM			
MW-28S	1500		4.66			

dOvermoarde 11/27/06

MW-28I	1459		4.49			
MW-29S	1520		6.46			
MW-30S	1508		1.83			
MW-30I	1508		1.83			
MW-30D	1508	~~[illegible]~~	1.86			
SW-D-1	1020	1.66 SG	1.68			
SW-D-2	1010	1.44 SG	1.88			
SW-D-3	0945	1.91 SG	1.49			
SW-R-1	1429		1.53			
SW-R-2	1433	1.64 SG	1.70			
SW-R-3	1436		1.04			
SW-R-4	1439		1.88			
SW-R-5	1538	2.39 SG	0.96			
SW-R-6	1453		2.52			
SW-D-4	1035		0.79			
DRC-1	Too deep		NM			
SG-R2	1447		1.20			
MW-13S	0952		3.16			
MW-13I	0951		3.60			
MW-13S (R)	0951		3.67			
DRC-2 - ~~[illegible]~~			1.04			
	1412					
SLOD-5	1415		2.81			

ALL WATER LEVELS MUST INCLUDE REFERENCE POINT AND TAPE CORRECTION FACTOR (E.G., 1.1 + 0.00 T/PVC).

[signature] 11/6/06
SIGNED DATE

[signature] 11/27/06
CHECKED DATE

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/6/06	BY: [illegible]	DATE: 11/27/06

SAMPLE ID: MW27S — WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

WELL MATERIAL: [X] PVC [ ] SS [ ] IRON [ ] OTHER

SAMPLE TYPE: [X] GW [ ] WW [ ] SW [ ] DI [ ] LEACHATE [ ] OTHER

sampled: 11/7/06 at 0700 1738 11/8/06 at 0720

PURGING	TIME: 1245	DATE: 11/6/06	SAMPLE	TIME: ~~1320~~	DATE: ~~11/6/06~~
PURGE METHOD: [X] PUMP Bladder [ ] BAILER			PH: 7.59 SU	CONDUCTIVITY: 1275 umhos/cm	
			ORP: 134 mv	DO: 2.36 mg/L	
DEPTH TO WATER: 8.50 T/ PVC			TURBIDITY: >1000 NTU		
DEPTH TO BOTTOM: 13.02 T/ PVC			[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY		
WELL VOLUME: 2.93 [X] LITERS [ ] GALLONS			TEMPERATURE: 16.39 °C	OTHER:	
VOLUME REMOVED: 3.5 [X] LITERS [ ] GALLONS			COLOR: Brn	ODOR: None	
COLOR: Brn	ODOR: None		FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: >1000			FILTRATE COLOR: CLR	FILTRATE ODOR: None	
[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS: CO2=20, Alk=<10, Ferrous=0		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1245	100 200	7.28	1,186	187	5.13	>1,000	16.32	8.50	INITIAL
1250	↓	7.56	1,184	158	3.71	648	16.33	NM	~~1.0~~ 0.5
1255		7.66	1,130	150	3.42	728	16.46	NM	~~2.0~~ 1.0
1300		7.71	1,135	145	3.17	674	16.43	NM	~~3.0~~ 1.5
1305		7.72	1,171	140	2.94	557	16.48	NM	~~4.0~~ 2.0
1310		7.68	1,193	139	2.77	463	16.49	1097	2.5
1315		7.64	1,300	134	2.27	267	16.37	NA	3.0
1320	↓	7.59	1,275	134	2.36	>1,000	16.39	NA	3.5
Dry									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR </= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
0700	5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N	0700
0700	1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N	1738
0700	1	40 mL	VOA	C	[ ] Y [✓] N	1	100 mL	PLASTIC	F	[ ] Y [✓] N	0700
1-1738 1-720	2	1 L	GLASS	C	[ ] Y [✓] N	1	500mL	PLASTIC	B	[✓] Y [ ] N	

SHIPPING METHOD:	DATE SHIPPED:	AIRBILL NUMBER:
COC NUMBER: SEE	SIGNATURE: COC E. Vuit	DATE SIGNED: 11/9/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/6/06	BY: SO	DATE: 11/29/06

SAMPLE ID: DRC-2 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1545	DATE: 11/6/06
PURGE METHOD:	☐ PUMP		PH: SU	CONDUCTIVITY: umhos/cm	
	☐ BAILER		ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: NA T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: NA °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR:	ODOR:		FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
				NA					

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
~~1~~ 3	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~D~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NA
COC NUMBER: 0137349	SIGNATURE: [signature]	DATE SIGNED: 11/6/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/6/06	BY: JD	DATE: 11/27/06

SAMPLE ID: SW-D-S

WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA.

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1600	DATE: 11/6/06
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: NA T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: NA °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
				NA					

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR </= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED

PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NA
COC NUMBER: D137349	SIGNATURE: [signature]	DATE SIGNED: 11/6/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/6/06	BY: JD	DATE: 11/27/06

SAMPLE ID: SW-R-1 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1620	DATE: 11/6/06
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU NA		
DEPTH TO BOTTOM: NA T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☒ MS/MSD	☐ DUP-	
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
				NA					

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
6	40 mL	VOA	E	☐ Y ☑ N	4	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NA
COC NUMBER: 0137349	SIGNATURE: [signature]	DATE SIGNED: 11/6/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/6/06	BY: SO	DATE: 11/27/06

SAMPLE ID: SW-R-2 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1630	DATE: 11/7/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: NA mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: NA T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: NA ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☒ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☒ DUP- 03		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
				NA					

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
6	40 mL	VOA	E	☐ Y ☑ N	4	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~4~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NA
COC NUMBER: 0137349	SIGNATURE: [signature]	DATE SIGNED: 11/6/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/6/06	BY: JO	DATE: 11/27/06

SAMPLE ID: SW-R-3 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1645	DATE: 11/6/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: NA mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: NA ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☒ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
				NA					

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~	
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NA
COC NUMBER: 0137349	SIGNATURE: [signature]	DATE SIGNED: 11/6/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/6/06	BY: SD	DATE: 11/27/06

SAMPLE ID: SW-R-21	WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA
WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA	
SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: 1655	DATE: 11/6/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/l	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: NA T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☒ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
				NA					

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR </= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NA
COC NUMBER: 0137349	SIGNATURE: [signature]	DATE SIGNED: 11/6/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/6/06	BY: JO	DATE: 11/20/06

SAMPLE ID: SW-R-6 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1710	DATE: 11/6/06

PURGE METHOD: ☐ PUMP ☐ BAILER

DEPTH TO WATER: ____ ☐ PVC

DEPTH TO BOTTOM: ____ ☐ PVC

WELL VOLUME: ____ ☐ LITERS ☐ GALLONS

VOLUME REMOVED: ____ ☐ LITERS ☐ GALLONS

COLOR: ____ ODOR: ____

TURBIDITY: ____

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER

NA

PH: ____ SU CONDUCTIVITY: umhos/cm

ORP: ____ mv DO: ____ mg/L

TURBIDITY: ____ NTU

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: ____ °C OTHER: ____

COLOR: ____ ODOR: ____

FILTRATE (0.45 um) ☐ YES ☒ NO

FILTRATE COLOR: ____ FILTRATE ODOR: ____

QC SAMPLE: ☐ MS/MSD ☐ DUP- ____

COMMENTS:

NA

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NA

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR </= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED

PRESERVATIVE CODES

A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
~~1~~ 3	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NA
COC NUMBER: 0137349	SIGNATURE: [signature]	DATE SIGNED: 11/6/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/6/06	BY: KO	DATE: 11/27/06

SAMPLE ID: SN-R-5 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1720	DATE: 11/6/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: NA mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: NA PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☒ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
				NA					

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NA
COC NUMBER: 0137349	SIGNATURE: [signature]	DATE SIGNED: 11/6/06

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/7/06	BY: KO	DATE: 11/27/06

SAMPLE ID: MW-19-12 WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ OTHER

SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 0815	DATE: 11/7/06	SAMPLE	TIME: 0855	DATE: 11/7/06
PURGE METHOD:	☑ PUMP bladder ☐ BAILER		PH: 7.60 SU	CONDUCTIVITY: 1,234 umhos/cm	
			ORP: 191 mv	DO: 0.23 mg/L	
DEPTH TO WATER: 7.76 T/ PVC			TURBIDITY: 10 NTU		
DEPTH TO BOTTOM: 16.71 T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 5.86 ☒ LITERS ☐ GALLONS			TEMPERATURE: 16.72 °C	OTHER:	
VOLUME REMOVED: 16 ☒ LITERS ☐ GALLONS			COLOR: clear	ODOR: none	
COLOR: cloudy	ODOR:		FILTRATE (0.45 um) ☒ YES ☐ NO		
TURBIDITY: 389			FILTRATE COLOR: clear	FILTRATE ODOR: none	
☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☑ DUP- 01		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☒ OTHER			COMMENTS: CO2 = 17, ALK = 1,000 Ferrous = 5.5		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0815	400	7.33	1300	224	4.08	389	14.19	7.76	INITIAL
0820	↓	7.52	1254	215	0.54	179	16.36	7.83	2.0
0825		7.58	1242	211	0.39	90	16.57	7.84	4.0
0830		7.61	1238	206	0.33	49	16.55	7.84	6.0
0835		7.62	1228	202	0.28	32	16.55	7.84	8.0
0840		7.62	1223	200	0.26	20	16.75	7.84	10.0
0845		7.62	1218	197	0.25	16	16.70	7.84	12.0
0850		7.60	1217	195	0.24	17	16.63	7.84	14.0
0855	↓	7.60	1234	191	0.23	10	16.72	7.84	16.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- ~~10~~ .3 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
10	40 mL	VOA	E	☐ Y ☑ N	4	1 L	AMBER	F	☐ Y ☑ N
2	40 mL	VOA	A	☐ Y ☑ N	4	1 L	PLASTIC	A	☐ Y ☑ N
2	40 mL	VOA	C	☐ Y ☑ N	2		PLASTIC	F	☐ Y ☑ N
4	1 L	GLASS	C	☐ Y ☑ N	2	500mL	PLASTIC	B	☑ Y ☐ N

SHIPPING METHOD: Labpickup	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NA
COC NUMBER: NA 0137348	SIGNATURE: Kerry McFarlin	DATE SIGNED: 11/7/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/7/06	BY: dO	DATE: 11/27/06

SAMPLE ID: ATM-01 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER

SAMPLE TYPE: ☐ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☒ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 0910	DATE: 11/7/06
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: NA TOC PVC			TURBIDITY: NTU NA		
DEPTH TO BOTTOM: TOC PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NA

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR </= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1		PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NA
COC NUMBER: 0137348	SIGNATURE: [signature]	DATE SIGNED: 11/7/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/7/06	BY: JO	DATE: 11/27/06

SAMPLE ID: MW-19-4 WELL DIAMETER: ☐ 2" ☒ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

SAMPLE TYPE: ☒ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 1021	DATE: 11/7/06	SAMPLE	TIME: 1111	DATE: 11/7/06
PURGE METHOD:	☒ PUMP bladder ☐ BAILER		PH: 7.69 SU	CONDUCTIVITY: 886 umhos/cm	
			ORP: 172 mv	DO: 4.03 mg/L	
DEPTH TO WATER: 8.08 T/ PVC			TURBIDITY: 10 NTU		
DEPTH TO BOTTOM: 16.03 T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: [redacted] ☒ LITERS ☐ GALLONS			TEMPERATURE: 16.67 °C	OTHER:	
VOLUME REMOVED: 20 ☒ LITERS ☐ GALLONS			COLOR: clear	ODOR: none	
COLOR: brown/cloudy ODOR: none			FILTRATE (0.45 um) ☒ YES ☐ NO		
TURBIDITY: 137			FILTRATE COLOR: clear	FILTRATE ODOR: none	
☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY			QC SAMPLE: ☒ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☒ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1021	400	7.65	897	171	5.28	137	15.53	8.08	INITIAL
1026	↓	7.79	885	170	6.32	108	16.50	8.21	2.0
1031		7.94	879	170	4.16	97	16.57	8.30	4.0
1036		7.72	877	170	4.10	89	16.48	8.31	6.0
1041		6.96	885	170	4.16	43	16.54	8.31	8.0
1046		7.72	887	172	4.22	27	16.45	8.32	10.0
1051		7.70	886	172	4.20	20	16.65	8.32	12.0
1056		7.71	889	172	4.12	19	16.65	8.32	14.0
1101		7.69	887	173	4.13	15	16.67	8.32	16.0
1106	↓	7.68	887	172	4.14	13	16.61	8.32	18.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
10 1	40 mL	VOA	E	☐ Y ☑ N	4 1	1 L	AMBER	F	☐ Y ☑ N
2 1	40 mL	VOA	A	☐ Y ☑ N	4 1	1 L	PLASTIC	A	☐ Y ☑ N
2 1	40 mL	VOA	C	☐ Y ☑ N	2 1		PLASTIC	F	☐ Y ☑ N
4 1	1 L	GLASS	C	☐ Y ☑ N	2 1	500mL	PLASTIC	B	☑ Y ☐ N

SHIPPING METHOD: LabPickUp	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NA
COC NUMBER: 0137348	SIGNATURE: Kelly McFarlin	DATE SIGNED: 11/7/06

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV & JO	DATE: 11/7/06	BY: JO	DATE: 11/27/06

SAMPLE ID: MW-19-4

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1111	400	7.69	886	172	4.03	10	16.67	8.32	20.0

Ferrous Iron = Ø
Total Alkalinity = 150
Carbon Dioxide = 22

SIGNATURE: Kelly McFarlin

DATE SIGNED: 11/7/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/7/06	BY: [illegible]	DATE: 11/27/06

SAMPLE ID: MW-25 (CL) WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

WELL MATERIAL: [ ] PVC [X] SS [ ] IRON [ ] OTHER

SAMPLE TYPE: [X] GW [ ] WW [ ] SW [ ] DI [ ] LEACHATE [ ] OTHER

PURGING	TIME: 1118	DATE: 11/7/06	SAMPLE	TIME: 1218	DATE: 11/7/06
PURGE METHOD: [X] PUMP Bladder [ ] BAILER			PH: 7.14 SU	CONDUCTIVITY: 517 umhos/cm	
			ORP: -41.2 mv	DO: 0.25 mg/L	
DEPTH TO WATER: 2.05 T/ [illegible]C			TURBIDITY: 24 NTU		
DEPTH TO BOTTOM: 9.70 T/ [illegible]C			[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 4.96 [X] LITERS [ ] GALLONS			TEMPERATURE: 11.33 °C	OTHER:	
VOLUME REMOVED: 24.0 [X] LITERS [ ] GALLONS			COLOR: Cloudy	ODOR: None	
COLOR: Brn Cloudy	ODOR: None		FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: 509			FILTRATE COLOR: CLR	FILTRATE ODOR: None	
[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS: Ferrous = 1.5, CO2 = 100 ALK = 90		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1118	400	6.81	480	14.0	7.44	509	12.73	2.05	INITIAL
1123		7.12	537	-49.8	0.37	287	12.32	2.23	2.0
1128		7.20	531	-55.8	0.25	220	11.98	2.23	4.0
1133		7.20	527	-58.2	0.22	105	11.79	2.23	6.0
1138		7.21	523	-55.4	0.25	67	11.59	2.23	8.0
1143		7.19	520	-52.4	0.24	54	11.49	2.23	10.0
1148		7.19	520	-51.7	0.24	45	11.45	2.23	12.0
1153		7.17	518	-48.7	0.24	38	11.41	2.23	14.0
1158		7.17	520	-49.5	0.23	41	11.50	2.23	16.0
1203		7.15	518	-44.4	0.25	29	11.38	2.23	18.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N
1	40 mL	VOA	C	[ ] Y [✓] N	1	100 mL	PLASTIC	F	[ ] Y [✓] N
2	1 L	GLASS	C	[ ] Y [✓] N	1	500mL	PLASTIC	B	[✓] Y [ ] N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NA
COC NUMBER: 0137348	SIGNATURE: [illegible]	DATE SIGNED: 11/7/06

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/7/06	BY: JD	DATE: 11/27/06

SAMPLE ID: MW-25 (R)

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GALLONS)
1208	400	7.15	517	-43.4	0.25	26	11.36	2.23	20.0
1213		7.14	517	-42.5	0.25	24	11.34	2.23	22.0
1218		7.14	517	-41.2	0.25	24	11.33	2.23	24.0

SIGNATURE: E. Vinil

DATE SIGNED: 11/7/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/7/06	BY: SO	DATE: 11/27/06

SAMPLE ID: MW-19-6 WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

WELL MATERIAL: [ ] PVC [X] SS [ ] IRON [ ] OTHER

SAMPLE TYPE: [X] GW [ ] WW [ ] SW [ ] DI [ ] LEACHATE [ ] OTHER

PURGING	TIME: 1508	DATE: 11/7/06	SAMPLE	TIME: 1548	DATE: 11/7/06
PURGE METHOD:	[X] PUMP bladder [ ] BAILER		PH: 7.47 SU	CONDUCTIVITY: 941 umhos/cm	
			ORP: 207 mv	DO: 4.70 mg/L	
DEPTH TO WATER: 7.79 T/ PVC			TURBIDITY: 8 NTU		
DEPTH TO BOTTOM: 19.66 T/ PVC			[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 7.69 [X] LITERS [ ] GALLONS			TEMPERATURE: 15.45 °C	OTHER:	
VOLUME REMOVED: 16.0 [X] LITERS [ ] GALLONS			COLOR: clear	ODOR: none	
COLOR: Clear w/ redish floaters	ODOR: none		FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: 67			FILTRATE COLOR: clear	FILTRATE ODOR: none	
[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS: Carbon Dioxide = 40, ALK = 70 Ferrous Iron = 0		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1508	400	7.18	945	219	1.72	67	15.25	7.79	INITIAL
1513		7.31	917	211	3.49	38	15.45	7.79	2.0
1518		7.50	914	208	4.04	29	15.45	7.79	4.0
1523		7.60	918	207	4.40	18	15.44	7.79	6.0
1528		7.59	921	207	4.48	12	15.44	7.79	8.0
1533		7.53	934	207	4.67	12	15.48	7.79	10.0
1538		7.48	940	207	4.63	9	15.48	7.79	12.0
1543		7.49	940	207	4.72	8	15.46	7.79	14.0
1548		7.47	941	207	4.70	8	15.45	7.79	16.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N
1	40 mL	VOA	C	[ ] Y [✓] N	1		PLASTIC	F	[ ] Y [✓] N
2	1 L	GLASS	C	[ ] Y [✓] N	1	500mL	PLASTIC	B	[✓] Y [ ] N

SHIPPING METHOD: FedEX	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NAvail
COC NUMBER: 0137347	SIGNATURE: Kelly McFarlin	DATE SIGNED: 11/7/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/7/06	BY: [illegible]	DATE: 11/27/06

SAMPLE ID: MW-28 I

WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

WELL MATERIAL: [ ] PVC [X] SS [ ] IRON [ ] OTHER

SAMPLE TYPE: [X] GW [ ] WW [ ] SW [ ] DI [ ] LEACHATE [ ] OTHER

PURGING	TIME: 1511	DATE: 11/7/06	SAMPLE	TIME: 1616	DATE: 11/7/06

PURGE METHOD: [X] PUMP Bladder [ ] BAILER

DEPTH TO WATER: 5.35 T/ PVC

DEPTH TO BOTTOM: 22.81 T/ PVC

WELL VOLUME: 11.31 [X] LITERS [ ] GALLONS

VOLUME REMOVED: 26.0 [X] LITERS [ ] GALLONS

COLOR: Brn/Cloudy ODOR: None

TURBIDITY: 210

[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY

DISPOSAL METHOD: [ ] GROUND [ ] DRUM [X] OTHER

PH: 7.37 SU CONDUCTIVITY: 598 umhos/cm

ORP: -146.7 mv DO: 0.04 mg/L

TURBIDITY: 13 NTU

[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY

TEMPERATURE: 14.82 °C OTHER:

COLOR: Clr ODOR: None

FILTRATE (0.45 um) [X] YES [ ] NO

FILTRATE COLOR: Clr FILTRATE ODOR: None

QC SAMPLE: [ ] MS/MSD [ ] DUP-

COMMENTS: Alk = 150 CO2 = 25 Ferrous = >20

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1511	400	7.47	343	-0.7	8.09	210	14.06	5.35	INITIAL
1516		7.28	604	-143.3	0.33	349	14.84	5.35	2.0
1521		7.32	611	-149.1	0.13	209	14.85	5.35	4.0
1526		7.33	612	-156.9	0.11	157	14.84	5.35	6.0
1531		7.34	610	-154.2	0.07	127	14.84	5.35	8.0
1536		7.34	608	-156.6	0.09	69	14.83	5.35	10.0
1541		7.35	606	-154.1	0.08	45	14.84	5.35	12.0
1546		7.35	604	-155.3	0.08	33	14.85	5.35	14.0
1551		7.35	602	-155.8	0.05	26	14.82	5.35	16.0
1556		7.35	600	-150.6	0.07	19	14.81	5.35	18.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED

PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N
1	40 mL	VOA	C	[ ] Y [✓] N	1		PLASTIC	F	[ ] Y [✓] N
2	1 L	GLASS	C	[ ] Y [✓] N	1	500mL	PLASTIC	B	[✓] Y [ ] N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: N/Avail
COC NUMBER: 0157347	SIGNATURE: [illegible]	DATE SIGNED: 11/7/06

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/7/06	BY: JD	DATE: 11/27/06

SAMPLE ID: MW-28I

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1601	400	7.36	599	-152.8	0.06	16	14.83	5.35	20.0
1606	|	7.36	598	-158.6	0.06	14	14.83	5.35	22.0
1611	|	7.36	599	-152.8	0.05	14	14.85	5.35	24.0
1616	|	7.37	598	-146.7	0.04	13	14.82	5.35	26.0

SIGNATURE: [signature] DATE SIGNED: 11/7/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/7/06	BY: AO	DATE: 11/27/06

SAMPLE ID: MW-28S

WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

WELL MATERIAL: [ ] PVC [X] SS [ ] IRON [ ] OTHER

SAMPLE TYPE: [X] GW [ ] WW [ ] SW [ ] DI [ ] LEACHATE [ ] OTHER

PURGING	TIME: 1646	DATE: 11/7/06	SAMPLE	TIME: 1731	DATE: 11/7/06
PURGE METHOD:	[X] PUMP Bladder / [ ] BAILER		PH: 7.22 SU	CONDUCTIVITY: 684 umhos/cm	
			ORP: -146.8 mv	DO: 0.04 mg/L	
DEPTH TO WATER: 5.45 T/ PVC			TURBIDITY: 20 NTU		
DEPTH TO BOTTOM: 17.62 T/ PVC			[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 7.89 [X] LITERS [ ] GALLONS			TEMPERATURE: 15.27 °C	OTHER:	
VOLUME REMOVED: 18.0 [X] LITERS [ ] GALLONS			COLOR: Slight Cloudy	ODOR: Slight	
COLOR: Brn	ODOR: Slight		FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: 872			FILTRATE COLOR: Clr	FILTRATE ODOR: Slight	
[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS: Alk=200, CO_2=55ppm, Ferrous Fe=>20ppm		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1646	400	8.45	455	-212.4	5.43	872	13.99	5.45	INITIAL
1651		7.30	666	-147.2	0.13	184	15.11	5.45	2.0
1656		7.26	675	-141.5	0.11	101	15.16	5.45	4.0
1701		7.24	680	-138.7	0.07	66	15.19	5.45	6.0
1706		7.23	682	-141.3	0.06	44	15.22	5.45	8.0
1711		7.22	683	-141.4	0.15	29	15.25	5.45	10.0
1716		7.22	684	-139.2	0.06	24	15.25	5.45	12.0
1721		7.22	684	-140.1	0.07	21	15.27	5.45	14.0
1726		7.22	684	-144.8	0.04	20	15.26	5.45	16.0
1731		7.22	684	-146.8	0.04	20	15.27	5.45	18.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N
1	40 mL	VOA	C	[ ] Y [✓] N	1		PLASTIC	F	[ ] Y [✓] N
2	1 L	GLASS	C	[ ] Y [✓] N	1	500mL	PLASTIC	B	[✓] Y [ ] N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 11/7/06	AIRBILL NUMBER: NAvail
COC NUMBER: 0137347	SIGNATURE: [signature]	DATE SIGNED: 11/7/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/8/06	BY: [illegible]	DATE: 11/27/06

SAMPLE ID: MW-19-7 WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

WELL MATERIAL: [ ] PVC [X] SS [ ] IRON [ ] OTHER

SAMPLE TYPE: [X] GW [ ] WW [ ] SW [ ] DI [ ] LEACHATE [ ] OTHER

PURGING	TIME: 0854	DATE: 11/8/06	SAMPLE	TIME: 0919	DATE: 11/8/06
PURGE METHOD:	[X] PUMP bladder / [ ] BAILER		PH: 7.47 SU	CONDUCTIVITY: 970 umhos/cm	
			ORP: 204 mv	DO: 0.44 mg/L	
DEPTH TO WATER: 8.02 T/ PVC			TURBIDITY: 7 NTU		
DEPTH TO BOTTOM: 20.23 T/ PVC			[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 7.91 [X] LITERS [ ] GALLONS			TEMPERATURE: 15.23 °C	OTHER:	
VOLUME REMOVED: 10 [X] LITERS [ ] GALLONS			COLOR: clear	ODOR: none	
COLOR: clear	ODOR: none		FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: 35			FILTRATE COLOR: clear	FILTRATE ODOR: none	
[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS: CO_2=70ppm, Alk=185ppm Ferrous Fe=2.0 ppm		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0854	400	7.33	922	213	3.33	35	15.21	8.02	INITIAL
0859	↓	7.44	953	208	1.56	28	15.29	8.04	2.0
0904		7.44	956	209	0.63	32	15.25	8.04	4.0
0909		7.47	972	207	0.59	18	15.25	8.04	6.0
0914		7.42	973	206	0.48	11	15.25	8.04	8.0
0919	↓	7.47	970	204	0.44	7	15.23	8.04	10.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N
1	40 mL	VOA	C	[ ] Y [✓] N	1		PLASTIC	F	[ ] Y [✓] N
2	1 L	GLASS	C	[ ] Y [✓] N	1	500mL	PLASTIC	B	[✓] Y [ ] N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/8/06	AIRBILL NUMBER: NA
COC NUMBER: 0137345	SIGNATURE: Kathy McGardin	DATE SIGNED: 11/8/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/8/06	BY: [illegible]	DATE: 11/27/06

SAMPLE ID: MW-30D

WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

WELL MATERIAL: [ ] PVC [X] SS [ ] IRON [ ] OTHER

SAMPLE TYPE: [X] GW [ ] WW [ ] SW [ ] DI [ ] LEACHATE [ ] OTHER

PURGING	TIME: 0755	DATE: 11/8/06	SAMPLE	TIME: 0915	DATE: 11/8/06
PURGE METHOD:	[X] PUMP Bladder		PH: 7.29 SU	CONDUCTIVITY: 637 umhos/cm	
	[ ] BAILER		ORP: -99.0 mv	DO: 0.18 mg/L	
DEPTH TO WATER: 2.52 T/ PVC			TURBIDITY: 33 NTU		
DEPTH TO BOTTOM: 27.15 T/ PVC			[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 15.96 [X] LITERS [ ] GALLONS			TEMPERATURE: 13.39 °C	OTHER:	
VOLUME REMOVED: 33 [X] LITERS [ ] GALLONS			COLOR: Cloudy	ODOR: None	
COLOR: Brn	ODOR: None		FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: >1000			FILTRATE COLOR: CLR	FILTRATE ODOR: None	
[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0755	400	6.44	460	167.5	8.21	>1000	13.17	2.52	INITIAL
0800		7.04	563	-50.9	2.42	426	13.40	2.55	2.0
0805		7.14	601	-82.1	1.70	232	13.41	2.55	4.0
0810		7.21	603	-88.1	1.40	179	13.42	2.55	6.0
0815		7.24	605	-92.7	1.04	133	13.42	2.55	8.0
0820		7.27	607	-95.7	0.76	91	13.42	2.55	10.0
0825		7.27	612	-95.6	0.61	73	13.41	2.55	12.0
0830		7.28	616	-96.8	0.55	64	13.41	2.55	14.0
0835		7.28	620	-97.2	0.42	56	13.41	2.55	16.0
0840		7.26	624	-98.1	0.36	50	13.42	2.55	18.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED

PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N
1	40 mL	VOA	C	[ ] Y [✓] N	1		PLASTIC	F	[ ] Y [✓] N
2	1 L	GLASS	C	[ ] Y [✓] N	1	500mL	PLASTIC	B	[✓] Y [ ] N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/8/06	AIRBILL NUMBER: NA
COC NUMBER: 0137345	SIGNATURE: [illegible]	DATE SIGNED: 11/8/06

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/8/06	BY: KD	DATE: 11/27/06

SAMPLE ID: MW-30D

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0845	400	7.28	627	-98.8	0.35	45	13.42	2.55	20.0
0850		7.29	629	-98.3	0.34	42	13.41	2.55	22.0
0855		7.29	631	-98.9	0.27	37	13.41	2.55	24.0
0900		7.29	633	-98.5	0.23	40	13.41	2.55	26.0
0905		7.29	634	-99.6	0.20	33	13.40	2.55	28.0
0910		7.29	636	-99.3	0.15	33	13.41	2.55	30.0
0915		7.29	637	-99.0	0.18	33	13.39	2.55	32.0
	130	AIR							
	17	CO2							
	5	Ferrous =							

SIGNATURE: [signature]

DATE SIGNED: "

REVISED 07/2005

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/8/06	BY: JO	DATE: 11/27/06

SAMPLE ID: HW-30 I — WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

WELL MATERIAL: [ ] PVC [X] SS [ ] IRON [ ] OTHER

SAMPLE TYPE: [X] GW [ ] WW [ ] SW [ ] DI [ ] LEACHATE [ ] OTHER

PURGING	TIME: 0948	DATE: 11/8/06	SAMPLE	TIME: 1103	DATE: 11/8/06

PURGE METHOD: [X] PUMP Bladder [ ] BAILER

DEPTH TO WATER: 2.47 T/ PVC

DEPTH TO BOTTOM: 18.10 T/ PVC

WELL VOLUME: 10.13 [X] LITERS [ ] GALLONS

VOLUME REMOVED: 30.0 [X] LITERS [ ] GALLONS

COLOR: light brn ODOR: Slight

TURBIDITY: 254

[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY

DISPOSAL METHOD: [ ] GROUND [ ] DRUM [X] OTHER

PH: 7.16 SU CONDUCTIVITY: 827 umhos/cm

ORP: -144.2 mv DO: 0.2 mg/L

TURBIDITY: 42 NTU

[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY

TEMPERATURE: 14.20 °C OTHER:

COLOR: Cloudy ODOR: Slight

FILTRATE (0.45 um) [X] YES [ ] NO

FILTRATE COLOR: CLR FILTRATE ODOR: Slight

QC SAMPLE: [ ] MS/MSD [X] DUP- D2

COMMENTS:

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0948	400	7.02	792	-107.4	1.81	254	13.22	2.47	INITIAL
0953		7.12	827	-120.5	0.10	237	14.10	2.50	2.0
0958		7.13	827	-125.5	0.07	194	14.10	2.50	4.0
1003		7.14	828	-129.5	0.05	171	14.13	2.50	6.0
1008		7.14	828	-130.7	0.05	153	14.12	2.50	8.0
1013		7.14	828	-133.5	0.04	129	14.14	2.50	10.0
1018		7.15	829	-125.6	0.03	100	14.16	2.50	12.0
1023		7.15	828	-131.6	0.03	87	14.18	2.50	14.0
1028		7.15	828	-131.0	0.02	63	14.45	2.50	16.0
1033		7.15	828	-135.6	0.03	68	14.21	2.50	18.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
10	40 mL	VOA	E	[ ] Y [✓] N	4	1 L	AMBER	F	[ ] Y [✓] N
2	40 mL	VOA	A	[ ] Y [✓] N	4	1 L	PLASTIC	A	[ ] Y [✓] N
2	40 mL	VOA	C	[ ] Y [✓] N	2	100mL	PLASTIC	F	[ ] Y [✓] N
4	1 L	GLASS	C	[ ] Y [✓] N	2	500mL	PLASTIC	B	[✓] Y [ ] N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/8/06	AIRBILL NUMBER: NA
COC NUMBER: 0137345	SIGNATURE: [signature]	DATE SIGNED: 11/8/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/8/06	BY: [illegible]	DATE: 11/27/06

SAMPLE ID: MW-301 WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

WELL MATERIAL: [ ] PVC [X] SS [ ] IRON [ ] OTHER

SAMPLE TYPE: [X] GW [ ] WW [ ] SW [ ] DI [ ] LEACHATE [ ] OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME:	DATE:
PURGE METHOD: [ ] PUMP [ ] BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: TOC PVC			[ ] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: [ ] LITERS [ ] GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: [ ] LITERS [ ] GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) [ ] YES [ ] NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
[ ] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [ ] OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1038	400	7.16	829	-140.9	0.3	57	14.19	2.50	~~20.0~~ INITIAL
1043	|	7.16	830	-142.7	0.2	53	14.27	2.50	22.0
1048	|	7.16	829	-143.0	0.2	48	14.23	2.50	24.0
1053	|	7.16	828	-142.7	0.2	44	14.20	2.50	26.0
1058	|	7.16	828	-143.8	0.2	41	14.21	2.50	28.0
1103	|	7.16	827	-144.2	0.2	42	14.20	2.50	30.0
				Alk = >1000					
				Ferrous Iron = >10					
				CO_2 = 45					

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [X] N	2	1 L	AMBER	F	[ ] Y [X] N
1	40 mL	VOA	A	[ ] Y [X] N	2	1 L	PLASTIC	A	[ ] Y [X] N
1	40 mL	VOA	C	[ ] Y [X] N	1		PLASTIC	F	[ ] Y [X] N
2	1 L	GLASS	C	[ ] Y [X] N	1	500mL	PLASTIC	B	[X] Y [ ] N

SHIPPING METHOD:	DATE SHIPPED:	AIRBILL NUMBER:
COC NUMBER:	SIGNATURE:	DATE SIGNED:

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/8/06	BY: dD	DATE: 11/27/06

SAMPLE ID: MW-19-5 WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☒ PVC ☐ SS ☐ IRON ☐ OTHER

SAMPLE TYPE: ☒ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 1024	DATE: 11/8/06	SAMPLE	TIME: 1214	DATE: 11/8/06

PURGE METHOD: ☒ PUMP bladder ☐ BAILER

PH: 7.55 SU CONDUCTIVITY: 347 umhos/cm

ORP: 184 mv DO: 6.30 mg/L

DEPTH TO WATER: 8.52 T/ PVC

TURBIDITY: 6 NTU

DEPTH TO BOTTOM: 15.59 T/ PVC

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

4.58 WELL VOLUME: 4.58 ☒ LITERS ☐ GALLONS

TEMPERATURE: 14.49 °C OTHER:

VOLUME REMOVED: 42 ☒ LITERS ☐ GALLONS

COLOR: clear ODOR: slight

COLOR: clear ODOR: none

FILTRATE (0.45 um) ☐ YES ☒ NO

TURBIDITY: 23

FILTRATE COLOR: clear FILTRATE ODOR: ~~none~~ (slight)

☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

QC SAMPLE: ☐ MS/MSD ☐ DUP-

DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☒ OTHER

COMMENTS: Alk = 145 ppm, CO_2 = 32, Ferrous Fe = 0.4 ppm

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1024	400	7.59	291	179	4.47	23	14.52	8.52	INITIAL
1029	↓	7.54	291	184	5.12	12	14.65	8.41	2.0
1034		7.56	297	188	6.11	6	14.67	8.38	4.0
1039		7.57	298	188	6.98	6	14.67	8.40	6.0
1044		7.61	299	187	6.60	6	14.60	8.40	8.0
1049		7.64	304	182	6.65	6	14.63	8.40	10.0
1054		7.65	311	183	5.34	6	14.54	8.40	12.0
1059		7.56	315	189	5.43	6	14.95	8.40	12.0
1104		7.51	323	190	5.34	6	14.56	8.40	14.0
1109	↓	7.58	333	190	5.29	6	14.88	8.40	16.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1		PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N

SHIPPING METHOD: LabPick up	DATE SHIPPED: 11/8/06	AIRBILL NUMBER: NA
COC NUMBER: 0137345	SIGNATURE: Kelly McFarlin	DATE SIGNED: 11/8/06

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/8/06	BY: KO	DATE: 11/27/06

SAMPLE ID: MW-19-5

TIME	PURGE RATE (ML/MIN)	PH (SU) 7.58	CONDUCTIVITY (umhos/cm) 335	ORP (mV) 190	D.O. (mg/L) 5.39	TURBIDITY (NTU)	TEMPERATURE (°C) 14.48	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1114	400	7.55	337	190	5.37	6	14.56	8.40	18.0
1119		7.55	341	191	5.32	6	14.55	8.40	20.0
1124		7.55	344	185	5.24	6	14.53	8.40	22.0
1129		7.57	355	186	5.85	6	14.55	8.40	24.0
1134		7.57	358	191	5.68	6	14.50	8.40	26.0
1139		7.51	372	190	4.72	6	14.57	8.40	28.0
1144		7.52	373	185	4.65	6	14.53	8.40	30.0
1149		7.56	326	192	5.56	6	14.46	8.40	32.0
1154		7.56	348	188	6.24	6	14.48	8.40	34.0
1159		7.58	328	187	6.30	7	14.43	8.43	36.0
1204		7.55	343	186	6.33	7	14.49	8.44	38.0
1209		7.57	346	188	6.30	6	14.47	8.44	40.0
1214		7.55	347	184	6.30	6	14.49	8.44	42.0

SIGNATURE: Kelly McFardin

DATE SIGNED: 11/8/06

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/8/06	BY: KO	DATE: ~~11/8/06~~ 11/27/06

SAMPLE ID: MW-19	WELL DIAMETER: ☐ 2" ☒ 4" ☐ 6" ☐ OTHER
WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER	
SAMPLE TYPE: ☒ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER	

PURGING	TIME: 1535	DATE: 11/8/06	SAMPLE	TIME: 1600	DATE: 11/8/06
PURGE METHOD:	☒ PUMP Bladder ☐ BAILER		PH: 6.53 SU	CONDUCTIVITY: 579 umhos/cm	
			ORP: -76.7 mv	DO: 0.08 mg/L	
DEPTH TO WATER: ~~[illegible]~~ T/ PVC 8.59 ft			TURBIDITY: 7 NTU		
DEPTH TO BOTTOM: 16.59 T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 5.18 ☒ LITERS ☐ GALLONS			TEMPERATURE: 15.36 °C	OTHER:	
VOLUME REMOVED: 10.0 ☒ LITERS ☐ GALLONS			COLOR: clear	ODOR: strong	
COLOR: clear	ODOR: Strong		FILTRATE (0.45 um) ☒ YES ☐ NO		
TURBIDITY: 9			FILTRATE COLOR: clear	FILTRATE ODOR:	
☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☒ OTHER			COMMENTS: Alk=275 ppm, CO_2=70 ppm, Ferrous Fe=710		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1535	400	6.23	558	-56.4	1.70	9	15.43	8.59	INITIAL
1540	↓	6.45	559	-68.3	0.30	7	15.38	8.61	2.0
1545		6.48	569	-71.4	0.20	7	15.37	8.67	4.0
1550		6.50	577	-73.4	0.13	9	15.35	8.65	6.0
1555		6.52	579	-75.0	0.10	7	15.36	8.65	8.0
1600		6.53	579	-76.7	0.08	7	15.36	8.55	10.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1		PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N

SHIPPING METHOD:	Fedex	DATE SHIPPED:	11/9/06	AIRBILL NUMBER:	NA/all
COC NUMBER:	0137346	SIGNATURE:	Kathy McFarlin	DATE SIGNED:	11/9/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/8/06	BY: KO	DATE: 11/27/06

SAMPLE ID: MW-30S — WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

WELL MATERIAL: [ ] PVC [X] SS [ ] IRON [ ] OTHER

SAMPLE TYPE: [X] GW [ ] WW [ ] SW [ ] DI [ ] LEACHATE [ ] OTHER

PURGING	TIME: 0717	DATE: 11/8/06	SAMPLE	TIME: 0807	DATE: 11/8/06
PURGE METHOD:	[X] PUMP Bladder		PH: 7.09 SU	CONDUCTIVITY: 627 umhos/cm	
	[ ] BAILER		ORP: -146.1 mv	DO: 0.01 mg/L	
DEPTH TO WATER: 1.80 T/ PVC			TURBIDITY: 94 NTU		
DEPTH TO BOTTOM: 12.09 T/ PVC			[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 6.67 [X] LITERS [ ] GALLONS			TEMPERATURE: 13.46 °C	OTHER:	
VOLUME REMOVED: 20.0 [X] LITERS [ ] GALLONS			COLOR: light Gray	ODOR: Strong	
COLOR: Gray	ODOR: Strong		FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: >1000			FILTRATE COLOR: CLR	FILTRATE ODOR: Strong	
[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS: Ferrous = >20 ALK = 200 CO_2 = 60		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0717	400	6.67	690	142.2	5.92	>1000	12.66	1.80	INITIAL
0722		6.87	609	-124.5	0.05	487	12.89	2.02	2.0
0727		7.03	617	-139.5	0.03	386	13.14	2.02	4.0
0732		7.05	620	-142.1	0.02	239	13.26	2.02	6.0
0737		7.07	619	-143.4	0.02	168	13.19	2.02	8.0
0742		7.08	623	-144.9	0.03	191	13.31	2.02	10.0
0747		7.08	625	-145.5	0.01	131	13.39	2.02	12.0
0752		7.09	623	-145.3	0.01	121	13.30	2.02	14.0
0757		7.09	626	-145.8	0.01	97	13.42	2.02	16.0
0802		7.09	626	-146.8	0.01	95	13.43	2.02	18.0

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N
1	40 mL	VOA	C	[ ] Y [✓] N	1		PLASTIC	F	[ ] Y [✓] N
2	1 L	GLASS	C	[ ] Y [✓] N	1	500mL	PLASTIC	B	[✓] Y [ ] N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/9/06	AIRBILL NUMBER: NA
COC NUMBER: 0187350	SIGNATURE: [signature]	DATE SIGNED: 11/9/06

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME:	L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER:	6527.18	BY: EV/KM	DATE: 11/9/06	BY: JO	DATE: 11/27/06

SAMPLE ID: MW-30S

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0807	400	7.09	627	-146.1	0.01	94	13.46	2.02	20.0

SIGNATURE: [signature] DATE SIGNED: 11/9/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE 11/9/06	BY: KO	DATE: 11/27/06

SAMPLE ID: RB-01 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☐ SW ☒ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 0830	DATE: 11/9/06
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: NA ft/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: ft/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: NA °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☒ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
			NA						

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1		PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N

SHIPPING METHOD: Lab pickup	DATE SHIPPED: 11/9/06	AIRBILL NUMBER: NA
COC NUMBER: 0137350	SIGNATURE: Kelley McFarlin	DATE SIGNED: 11/9/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/9/06	BY: JO	DATE: 11/27/06

SAMPLE ID: MW-29S WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

WELL MATERIAL: [ ] PVC [X] SS [ ] IRON [ ] OTHER

SAMPLE TYPE: [X] GW [ ] WW [ ] SW [ ] DI [ ] LEACHATE [ ] OTHER

PURGING	TIME: 1008	DATE: 11/9/06	SAMPLE	TIME: 1053	DATE: 11/9/06
PURGE METHOD:	[X] PUMP bladder	[ ] BAILER	PH: 6.85 SU	CONDUCTIVITY: 775 umhos/cm	
			ORP: -97.9 mv	DO: 0.05 mg/L	
DEPTH TO WATER: 6.35 T/ PVC			TURBIDITY: 11 NTU		
DEPTH TO BOTTOM: 14.59 T/ PVC			[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 5.34 [X] LITERS [ ] GALLONS			TEMPERATURE: 17.04 °C	OTHER:	
VOLUME REMOVED: 18 [X] LITERS [ ] GALLONS			COLOR: clear	ODOR: none	
COLOR: cloudy	ODOR: none		FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: 94			FILTRATE COLOR: Clear	FILTRATE ODOR: none	
[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS: PK = 300ppm, CO_2 = 65ppm, Ferrous Fe = 716 ppm		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1008	400	6.81	760	-91.8	0.33	94	17.02	6.35	INITIAL
1013		6.82	756	-94.1	0.19	185	16.97	6.41	2.0
1018		6.83	757	-97.1	0.05	66	16.96	6.41	4.0
1023		6.84	757	-96.4	0.05	42	16.94	6.41	6.0
1028		6.84	760	-95.9	0.04	27	16.98	6.41	8.0
1033		6.84	762	-97.5	0.03	18	16.92	6.41	10.0
1038		6.84	770	-97.4	0.02	15	17.08	6.41	12.0
1043		6.85	774	-96.1	0.03	12	17.23	6.41	14.0
1048		6.85	775	-97.8	0.02	11	17.05	6.41	16.0
1053		6.85	~~[illegible]~~ 775	~~-100~~ -97.9	0.05	11	17.04	6.41	18.0

ran out of air - replaced

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N
1	40 mL	VOA	C	[ ] Y [✓] N	1		PLASTIC	F	[ ] Y [✓] N
2	1 L	GLASS	C	[ ] Y [✓] N	1	500mL	PLASTIC	B	[✓] Y [ ] N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/9/06	AIRBILL NUMBER: NA
COC NUMBER: 0137350	SIGNATURE: Kelly Medarlin	DATE SIGNED: 11/9/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/9/06	BY: JO	DATE: 11/27/06

SAMPLE ID: RB-02 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☐ SW ☒ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1200	DATE: 11/9/06
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: NA T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

NA

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NA

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR </= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1		PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/9/06	AIRBILL NUMBER: NA
COC NUMBER: 0137350	SIGNATURE: [signature]	DATE SIGNED: 11/9/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV/KM	DATE: 11/9/06	BY: SD	DATE: 11/27/06

SAMPLE ID: RB-03 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER

SAMPLE TYPE: ☐ GW ☐ WW ☐ SW ☒ DI ☐ LEACHATE ☐ OTHER

PURGING:	TIME:	DATE:	SAMPLE	TIME: 1050	DATE: 11/9/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: NA ☐ LITERS ☐ GALLONS			TEMPERATURE: NA °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NA

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 0.1 OR </= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	500mL	PLASTIC	B	~~☑ Y ☐ N~~

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/9/06	AIRBILL NUMBER: NA
COC NUMBER: 0137350	SIGNATURE: [signature]	DATE SIGNED: 11/9/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 11/9/06	BY: SO	DATE: 11/27/06

SAMPLE ID: SW-D-3 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 0945	DATE: 11/9/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: NA ☐ LITERS ☐ GALLONS			TEMPERATURE: NA °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
			NA						

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 10 OR </= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~					☐ Y ☑ N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/9/06	AIRBILL NUMBER: NA
COC NUMBER: 0137350	SIGNATURE: [signature]	DATE SIGNED: 11/9/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 11/9/06	BY: SD	DATE: 11/27/06

SAMPLE ID: SW-D-2 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1010	DATE: 11/9/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

NA

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NA

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 10 OR <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~					☐ Y ☑ N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/9/06	AIRBILL NUMBER: NA
COC NUMBER: 0137350	SIGNATURE: [signature]	DATE SIGNED: 11/9/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV	DATE: 11/9/06	BY: JO	DATE: 11/27/06

SAMPLE ID: SW-D-1 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1020	DATE: 11/9/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: NA PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: NA PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: NA °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
				NA					

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 10 OR <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	VOA	A	☐ Y ☑ N	~~2~~	~~1 L~~	PLASTIC	A	☐ Y ☑ N
~~1~~	~~40 mL~~	VOA	C	☐ Y ☑ N	~~1~~		PLASTIC	F	☐ Y ☑ N
2	~~1 L~~	GLASS	C	☐ Y ☑ N					☐ Y ☑ N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/9/06	AIRBILL NUMBER: NA
COC NUMBER: 0137350	SIGNATURE: [signature]	DATE SIGNED: 11/9/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 11/9/06	BY: LD	DATE: 11/27/06

SAMPLE ID: SW-D-4 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA

SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1035	DATE: 11/9/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: NA T/ PVC			☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: NA °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
				NA					

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 10 ORP: +/- 10 D.O.: +/- 10 TURB: +/- 10 OR </= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED — PRESERVATIVE CODES: A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - Na2S2O3

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
~~1~~ 3	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~					☐ Y ☑ N

LD 11/27/06

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 11/9/06	AIRBILL NUMBER: NA
COC NUMBER: 0137350	SIGNATURE: [signature]	DATE SIGNED: 11/9/06

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 0137350

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: RMT Inc. Acct. #:
Project Name/#: L.A. Compounds PWSID #:
Project Manager: N. Clement P.O.#: 6527.18
Sampler: E. Vicke / K. McFadden Quote #:
Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR#: 35292

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Other	Total # of Containers	VOC	SVOC	PCB	Pest	Herb	Metals	Cyanide	Phenol		Remarks	Temperature of samples upon receipt (if requested)
RB-01	11/9/06	0830	X			X		12	X	X	X	X	X	X	X	X			
MW-205	11/9/06	0907	X			X		12	X	X	X	X	X	X	X	X			
MW-206	11/9/06	1055	X			X		15	X	X	X	X	X	X	X	X			
RB-02	11/9/06	1200	X			X		12	X	X	X	X	X	X	X	X			
TB-02	11/9/06	—	—			X		2	X	X								BTEX ONLY	
SW-D-3	11/9/06	0945	X			X		5	X	X								BTEX + DEHP	
SW-D-2	11/9/06	1010	X			X		5	X	X								" "	
SW-D-1	11/9/06	1020	X			X		5	X	X								" "	
SW-D-4	11/9/06	1035	X			X		5	X	X								" "	
RB-03	11/9/06	1050	X			X		5	X	X								BTEX + DEHP	

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 2 week
Rush results requested by (please circle): Phone Fax E-mail
Phone #: _____ Fax #: _____
E-mail address: _____

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Bottle Storage	11/10	[illegible]	[illegible]		
[illegible]	11/10	1330	[illegible]		

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 0137347

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: NRT Inc. Acct. #: _____
Project Name/#: LC Carpenter PWSID #: _____
Project Manager: M. Cavell P.O.#: 6207.18
Sampler: L. Vincke/L. Mc Farlin Quote #: _____
Name of state where samples were collected: NJ

For Lab Use Only
FSC: _____
SCR#: _____

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Other	Total # of Containers	Preservation Codes									Remarks
MW-22 I	11/7/06	1616	X			X		15	X	X	X	X	X	X	X	X		
MW-22S		1731	X			X		15	X	X	X	X	X	X	X	X		
MW-19-6		1548	X			X		15	X	X	X	X	X	X	X	X		
MW-27S		1755	X			X		3			X	X						Total for F only
TB-02	11/7/06	—	—	—					X									

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: _____
Rush results requested by (please circle): Phone Fax E-mail
Phone #: _____ Fax #: _____
E-mail address: _____

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Kelly Kitzmiller	11/7/06	Noon	Fed Ex		
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request / Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 0137349

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: RMT Inc Acct. #: _____

Project Name/#: L.E. Carpenter PWSID #: _____

Project Manager: N. Clevett P.O.#: 6527.18

Sampler: E. Vincle / K. McFarlin Quote #: _____

Name of state where samples were collected: NJ

For Lab Use Only
FSC: _____
SCR#: _____

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4) Soil	Water (☐ Potable ☐ NPDES Check if Applicable)	Other	Total # of Containers	(5) Analyses Requested / Preservation Codes: BTEX (H)	Base Neutrals (N)								Remarks	(6) Temperature of samples upon receipt (if requested)
DRC-2	11/6/06	1545	X			X		5	X	X									
SW-D-5	11/6/06	1600	X			X		5	X	X									
SW-R-1	11/6/06	1620	X			X		10	X	X								MS/MSD	
SW-R-2	11/6/06	1630	X			X		5	X	X									
SW-R-3	11/6/06	1645	X			X		5	X	X									
SW-R-4	11/6/06	1655	X			X		5	X	X									
SW-R-6	11/6/06	1710	X			X		5	X	X									
SW-R-5	11/6/06	1720	X			X		5	X	X									
DUP-03	11/6/06	—	X			X		5	X	X									
TB-01	11/6/06	—				X		3	X										

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needneeded: 2 wks
Rush results requested by (please circle): Phone Fax E-mail
Phone #: _____ Fax #: _____
E-mail address: _____

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	11/7/06	12:50	[signature]	11/7/06	12:50

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 0137348

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: BMT Inc Acct. #:
Project Name/#: L.E. Carpenter PWSID #:
Project Manager: N. Clewett P.O.#: 6527.18
Sampler: E. Vincke / K. McFarlin Quote #:
Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	BTEX Volatile Hydr. (H)	Base Neutrals (O)	Total Pos P/ NH_3 (S)	TSS, TDS, Soil (I)	Diss. Lead (N)	HRC (O)	Nitrate Nitrogen (S)	Nitrite Nitrogen (I)		Remarks	Temperature of samples upon receipt (if requested)
MW-19-12	11/7/06	0855	X			X		15	X	X	X	X	X	X	X	X			
DUP-01	11/7/06	—	X			X		15	X	X	X	X	X	X	X	X			
ATM-01	11/7/06	0910	X			X		15	X	X	X	X	X	X	X	X		Total Lead	
MW-27S	11/7/06	0700	X			X		10	X	X				X	X	X			
MW-19-4	11/7/06	1111	X			X		30	X	X	X	X	X	X	X	X		MS/MSD	
MW-25 (R)	11/7/06	1218	X			X		15	X	X	X	X	X	X	X	X			

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 2 wks
Rush results requested by (please circle): Phone Fax E-mail
Phone #: _____ Fax #: _____
E-mail address: _____

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
E. Vincke	11/7/06	13:50	[illegible]	11/7/06	13:50

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 0137345

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: RMT Inc Acct. #: _____
Project Name/#: L.E. Carpenter PWSID #: _____
Project Manager: N. Clewett P.O.#: 6507.18
Sampler: E. Vincke / K. McFarlin Quote #: _____
Name of state where samples were collected: NJ

For Lab Use Only
FSC: _____
SCR#: _____

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES Check if Applicable)	Other	Total # of Containers	BTEX	Whole Hand Hvy	Total PAH 2	SOL TDS TSS	Diss. Lead	HRC	Basic Metals	ND3	ND3	Remarks
Preservation Codes									H	N	S	—	N	O	O			
DUP-02	11/8/06	—	X			X		15	X	X	X	X	X	X	X	X	X	
MW-27S	11/8/06	1200	X			X		2			X	X	X					NH3 only
MW-30D	11/8/06	0915				X		15	X	X	X	X	X	X	X	X	X	
MW-30I	11/8/06	1103				X		15	X	X	X	X	X	X	X	X	X	
MW-19-5	11/8/06	1214				X		15	X	X	X	X	X	X	X	X	X	
MW-19-7	11/8/06	0919				X		15	X	X	X	X	X	X	X	X	X	
TB-03	11/8/06	—	—			X		2	X									

(7)
Turnaround Time Requested (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 2 wks
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 616-975-5415 Fax #: 616-975-1098
E-mail address: nicholas.clewett@rmtinc.com

(8)
Data Package Options (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	11/8/06	[illegible]	[signature]	[illegible]	[illegible]
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 0137346

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: RMT Inc. Acct. #:
Project Name/#: L.E. Carpenter PWSID #:
Project Manager: N. Clevett P.O.#: 6527.18
Sampler: E. Vincke / K. McFarlin Quote #:
Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	(4) Matrix: Soil	Water (☐ Potable ☐ NPDES Checked/Applicable)	Other	Total # of Containers	(5) Analyses Requested / Preservation Codes: BTEX (H)	Volatile Hydrocarbons (H)	Total Pet. / MHC (S)	SO_4, TDS, TSS (–)	Diss. Lead (N)	HPC (O)	Free Residual (O)	NO_2 (–)	NO_3 (S)	Remarks	(6) Temperature of samples upon receipt (if requested)
TB-01	11/8/06	—				x		3	X										
MW-19	11/8/06	1100	X			X		15	X	X	X	X	X	X	X	X	X		

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 2 wks
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 616-975-5415 Fax #: 616-975-1098
E-mail address: nicholas.clevett@rmtinc.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
E. Vincke	11/8/06	1900	Fed Ex		
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Appendix D
4th Quarter 2006
Laboratory Analytical Report

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

608-831-4444

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1013169. Samples arrived at the laboratory on Tuesday, November 07, 2006. The PO# for this group is 6527.18.

Client Description	Lancaster Labs Number
MW-19-12 Grab Water Sample	4909579
DUP-01 Grab Water Sample	4909580
ATM-01 Blank Grab Water Sample	4909581
MW-27S Grab Water Sample	4909582
MW-19-4_Unspiked Grab Water Sample	4909583
MW-19-4_Matrix_Spike Grab Water Sample	4909584
MW-19-4_Matrix_Spike_Duplicate Grab Water Sample	4909585
MW-19-4_Duplicate Grab Water Sample	4909586
MW-25(R) Grab Water Sample	4909587
Trip_Blank Water Sample	4909588

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO	RMT, Inc.	Attn: Nicholas J. Clevett
1 COPY TO	Data Package Group	

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

Earl R Custer

Earl R. Custer
Group Leader

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909579

MW-19-12 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 08:55 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

1912- SDG#: LEC62-01

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.		0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	2.		1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.						
	The plating was performed by Marlaina Raines on 110806 at 0930.						
	Sample was greater than 24 hours old when analyzed.						
00206	Total Suspended Solids	n.a.	4.4	J	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	716.		19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.22		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.		0.080	mg/l	1
00228	Sulfate	14808-79-8	21.3		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	130.		2.0	ug/l	1
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.		1.	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909579

MW-19-12 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 08:55 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

1912- SDG#: LEC62-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 08:15	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/10/2006 09:10	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/09/2006 10:41	Yolunder Y Bunch	1
00212	Total Dissolved Solids	EPA 160.1	1	11/09/2006 10:25	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 21:46	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	2	11/16/2006 19:46	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/15/2006 07:00	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 16:13	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/10/2006 12:54	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 13:44	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 14:58	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/10/2006 11:48	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 14:30	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 09:45	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909580

DUP-01 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

DP1-- SDG#: LEC62-02FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	2.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Marlaina Raines on 110806 at 0930.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	718.	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.17	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	21.8	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	130.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909580

DUP-01 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

DP1-- SDG#: LEC62-02FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 08:20	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/10/2006 09:10	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/09/2006 10:41	Yolunder Y Bunch	1
00212	Total Dissolved Solids	EPA 160.1	1	11/09/2006 10:25	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 21:47	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/13/2006 06:43	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/15/2006 07:00	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 16:15	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/10/2006 13:09	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 13:58	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 15:31	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/10/2006 12:43	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 14:30	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 09:45	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909581

ATM-01 Blank Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 09:10 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

ATM01 SDG#: LEC62-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	N.D.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Marlaina Raines on 110806 at 0930.					
	Sample was greater than 24 hours old when analyzed.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	N.D.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	N.D.	0.30	mg/l	1
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	N.D.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909581

ATM-01 Blank Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 09:10 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

ATM01 SDG#: LEC62-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 08:34	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/10/2006 09:10	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/09/2006 10:41	Yolunder Y Bunch	1
00212	Total Dissolved Solids	EPA 160.1	1	11/09/2006 10:25	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 21:48	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/13/2006 06:45	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/15/2006 07:00	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 16:16	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/10/2006 13:25	Ashley M Heckman	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 14:12	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 16:05	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/10/2006 13:38	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 14:30	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 09:45	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909582

MW-27S Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 07:00 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW27S SDG#: LEC62-04

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00307	Heterotrophic Plate Count	n.a.	> 5700.		1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.						
	The plating was performed by Marlaina Raines on 110806 at 0930.						
	Sample was greater than 24 hours old when analyzed.						
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.16		0.040	mg/l	1
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	2.3	J	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	1.	J	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909582

MW-27S Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 07:00 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW27S SDG#: LEC62-04

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/10/2006 09:10	Marlaina E Raines	n.a.
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 21:49	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/13/2006 06:46	Brian C Veety	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 14:26	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 16:38	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/10/2006 14:33	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 14:30	Olivia I Santiago	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909583

MW-19-4_Unspiked Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 11:11 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

194-- SDG#: LEC62-05BKG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	29.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Marlaina Raines on 110806 at 0930.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	529.	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	3.0	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	47.1	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	N.D.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909583

MW-19-4_Unspiked Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 11:11 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

194-- SDG#: LEC62-05BKG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 07:47	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/10/2006 09:10	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/09/2006 10:41	Yolunder Y Bunch	1
00212	Total Dissolved Solids	EPA 160.1	1	11/09/2006 10:25	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 21:51	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/13/2006 06:47	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/15/2006 07:00	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 16:17	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/10/2006 13:40	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 14:39	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 13:19	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/10/2006 09:03	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 14:30	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 09:45	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909584

MW-19-4_Matrix_Spike Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 11:11 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

194-- SDG#: LEC62-05MS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.128	0.0069	mg/l	1
00212	Total Dissolved Solids	n.a.	914.	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.20	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	3.7	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	14.1	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	2.2	0.080	mg/l	1
00228	Sulfate	14808-79-8	96.4	3.0	mg/l	10
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	49.	2.0	ug/l	1
07107	Ethane	74-84-0	51.	1.0	ug/l	1
07108	Ethene	74-85-1	55.	1.0	ug/l	1
07109	Propane	74-98-6	62.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	63.	0.6	ug/l	1
07029	Benzene	71-43-2	22.	0.2	ug/l	1
07030	Toluene	108-88-3	22.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	23.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	89.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909584

MW-19-4_Matrix_Spike Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 11:11 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

194-- SDG#: LEC62-05MS

07055	Lead	SW-846 6010B	1	11/11/2006 08:01	Damary Valentin	1
00212	Total Dissolved Solids	EPA 160.1	1	11/09/2006 10:25	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 21:52	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/13/2006 06:51	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/15/2006 07:00	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 16:19	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/10/2006 14:11	Ashley M Heckman	10
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 14:53	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 13:52	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/10/2006 09:58	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 14:30	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 09:45	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909585

MW-19-4_Matrix_Spike_Duplicate Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 11:11 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

194-- SDG#: LEC62-05MSD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.126	0.0069	mg/l	1
00212	Total Dissolved Solids	n.a.	925.	19.4	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	13.3	0.20	mg/l	1
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	51.	2.0	ug/l	1
07107	Ethane	74-84-0	51.	1.0	ug/l	1
07108	Ethene	74-85-1	56.	1.0	ug/l	1
07109	Propane	74-98-6	63.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	67.	0.6	ug/l	1
07029	Benzene	71-43-2	23.	0.2	ug/l	1
07030	Toluene	108-88-3	24.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	24.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	91.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 08:06	Damary Valentin	1
00212	Total Dissolved Solids	EPA 160.1	1	11/09/2006 10:25	Yolunder Y Bunch	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/15/2006 07:00	Yolunder Y Bunch	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 15:07	Hai D Nguyen	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909585

MW-19-4_Matrix_Spike_Duplicate Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 11:11 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

194-- SDG#: LEC62-05MSD

08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 14:25	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/10/2006 10:53	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 14:30	Olivia I Santiago	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909586

MW-19-4_Duplicate Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 11:11 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

194-- SDG#: LEC62-05DUP

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	34.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Marlaina Raines on 110806 at 0930.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	532.	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	3.0	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	45.1	1.5	mg/l	5

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 07:56	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/10/2006 09:10	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/09/2006 10:41	Yolunder Y Bunch	1
00212	Total Dissolved Solids	EPA 160.1	1	11/09/2006 10:25	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 21:53	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/13/2006 06:52	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/15/2006 07:00	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 16:18	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/10/2006 13:55	Ashley M Heckman	5
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909586

MW-19-4_Duplicate Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 11:11 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

194-- SDG#: LEC62-05DUP

08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 09:45	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909587

MW-25(R) Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 12:18 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

25R-- SDG#: LEC62-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	1,000.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Marlaina Raines on 110806 at 0930.					
00206	Total Suspended Solids	n.a.	16.8	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	331.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	6.2	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	25.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909587

MW-25(R) Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 12:18 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

25R-- SDG#: LEC62-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 08:39	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/10/2006 09:10	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/09/2006 10:41	Yolunder Y Bunch	1
00212	Total Dissolved Solids	EPA 160.1	1	11/09/2006 10:25	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 21:54	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/13/2006 06:53	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/15/2006 07:00	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 16:20	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/10/2006 14:26	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 15:21	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 17:11	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/10/2006 15:28	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 14:30	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 09:45	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909588

Trip_Blank Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 14:50
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

TBLKL SDG#: LEC62-07TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 12:12	K. Robert Caulfeild-James	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1013169
Reported: 11/17/06 at 02:50 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06312105101A	Sample number(s): 4909579-4909584,4909586-4909587							
Nitrite Nitrogen	N.D.	0.015	mg/l	101		90-110		
Batch number: 06312WAB625	Sample number(s): 4909579-4909585,4909587							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	89		68-111		
Batch number: 063130023A	Sample number(s): 4909579-4909585,4909587							
Methane	N.D.	2.0	ug/l	103		80-120		
Ethane	N.D.	1.0	ug/l	100		80-120		
Ethene	N.D.	1.0	ug/l	103		80-120		
Propane	N.D.	1.0	ug/l	100		73-125		
Batch number: 06313020602A	Sample number(s): 4909579-4909581,4909583,4909586-4909587							
Total Suspended Solids	N.D.	3.0	mg/l	112		56-128		
Batch number: 06313021202A	Sample number(s): 4909579-4909581,4909583-4909587							
Total Dissolved Solids	N.D.	9.7	mg/l	93		80-120		
Batch number: 06313A36A	Sample number(s): 4909579-4909585,4909587-4909588							
Total Xylenes	N.D.	0.6	ug/l	96		82-120		
Benzene	N.D.	0.2	ug/l	98		86-119		
Toluene	N.D.	0.2	ug/l	102		82-119		
Ethylbenzene	N.D.	0.2	ug/l	102		81-119		
Batch number: 063141848003	Sample number(s): 4909579-4909581,4909583-4909587							
Lead	N.D.	0.0069	mg/l	108		90-113		
Batch number: 06314196101A	Sample number(s): 4909579-4909581,4909583-4909584,4909586-4909587							
Sulfate	N.D.	0.30	mg/l	98		89-110		
Batch number: 06317106104B	Sample number(s): 4909580-4909584,4909586-4909587							
Nitrate Nitrogen	N.D.	0.040	mg/l	105		89-110		
Batch number: 06318109101A	Sample number(s): 4909579-4909581,4909583-4909584,4909586							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	109		90-110		
Batch number: 06318109101B	Sample number(s): 4909587							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	109		90-110		
Batch number: 06319022101A	Sample number(s): 4909579-4909581,4909583-4909587							
Ammonia Nitrogen	N.D.	0.20	mg/l	99		91-100		
Batch number: 06320106101A	Sample number(s): 4909579							
Nitrate Nitrogen	N.D.	0.040	mg/l	100		89-110		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1013169
Reported: 11/17/06 at 02:50 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06312105101A	Sample number(s): 4909579-4909584,4909586-4909587 UNSPK: 4909583 BKG: 4909583								
Nitrite Nitrogen	100		90-110			N.D.	N.D.	0 (1)	20
Batch number: 06312WAB625	Sample number(s): 4909579-4909585,4909587 UNSPK: 4909583								
bis(2-Ethylhexyl)phthalate	89	91	77-106	2	30				
Batch number: 063130023A	Sample number(s): 4909579-4909585,4909587 UNSPK: 4909583								
Methane	83	86	63-124	4	20				
Ethane	84	84	63-127	0	20				
Ethene	90	92	69-126	2	20				
Propane	102	103	56-136	2	20				
Batch number: 06313020602A	Sample number(s): 4909579-4909581,4909583,4909586-4909587 BKG: 4909583								
Total Suspended Solids						N.D.	N.D.	0 (1)	20
Batch number: 06313021202A	Sample number(s): 4909579-4909581,4909583-4909587 UNSPK: 4909583 BKG: 4909583								
Total Dissolved Solids	96	99	60-140	1	5	529.	532.	1	5
Batch number: 06313A36A	Sample number(s): 4909579-4909585,4909587-4909588 UNSPK: 4909583								
Total Xylenes	105	111	84-131	5	30				
Benzene	109	114	78-131	4	30				
Toluene	112	118	78-129	5	30				
Ethylbenzene	113	119	75-133	5	30				
Batch number: 063141848003	Sample number(s): 4909579-4909581,4909583-4909587 UNSPK: 4909583 BKG: 4909583								
Lead	107	105	75-125	1	20	N.D.	N.D.	-612 (1)	20
Batch number: 06314196101A	Sample number(s): 4909579-4909581,4909583-4909584,4909586-4909587 UNSPK: 4909583 BKG: 4909583								
Sulfate	99		90-110			47.1	45.1	4*	3
Batch number: 06317106104B	Sample number(s): 4909580-4909584,4909586-4909587 UNSPK: 4909583 BKG: 4909583								
Nitrate Nitrogen	83*		90-110			3.0	3.0	1	2
Batch number: 06318109101A	Sample number(s): 4909579-4909581,4909583-4909584,4909586 UNSPK: 4909583 BKG: 4909583								
Total Phosphorus as P (water)	108		90-110			N.D.	N.D.	200* (1)	3
Batch number: 06318109101B	Sample number(s): 4909587 UNSPK: P910289 BKG: P910289								
Total Phosphorus as P (water)	106		90-110			0.62	0.66	8*	3
Batch number: 06319022101A	Sample number(s): 4909579-4909581,4909583-4909587 UNSPK: 4909583 BKG: 4909583								
Ammonia Nitrogen	101	95	64-128	6	8	N.D.	N.D.	0 (1)	2
Batch number: 06320106101A	Sample number(s): 4909579 UNSPK: P905664 BKG: P905664								
Nitrate Nitrogen	101		90-110			7.0	7.5	7*	2

Surrogate Quality Control

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1013169
Reported: 11/17/06 at 02:50 PM

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Base Neutrals
Batch number: 06312WAB625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4909579	82	90	97
4909580	82	88	92
4909581	84	91	100
4909582	88	92	97
4909583	79	92	100
4909584	90	91	93
4909585	84	90	89
4909587	88	89	98
Blank	85	80	99
LCS	93	92	100
MS	90	91	93
MSD	84	90	89
Limits:	48-117	60-114	43-136

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 063130023A

	Propene
4909579	76
4909580	81
4909581	78
4909582	70
4909583	60
4909584	62
4909585	63
4909587	66
Blank	100
LCS	96
MS	62
MSD	63
Limits:	38-129

Analysis Name: BTEX (EPA 602)
Batch number: 06313A36A

	Trifluorotoluene-P
4909579	105
4909580	105
4909581	105
4909582	104
4909583	106
4909584	102
4909585	101
4909587	106
4909588	105
Blank	105
LCS	101
MS	102

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/17/06 at 02:50 PM

Group Number: 1013169

Surrogate Quality Control

MSD	101
Limits:	69-129

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Request, Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 1013169 Sample # 4909579-88

COC # 0137348

temp 0.9-2.7°C

Please print. Instructions on reverse side correspond with circled numbers.

(1)

Client: RMT Inc Acct. #:

Project Name/#: L.E. Carpenter PWSID #:

Project Manager: N. Clevett P.O.#: 6527.18

Sampler: E. Vincke / K. McFarlin Quote #:

Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	BTEX Volatile Head. Hydr (H)	Base Neutrals (O)	Total Pas P/ NH_3 (S)	TSS, TDS, SO_4 (—)	Diss. Lead (N)	HPC (O)	Nitrate Nitrogen (S)	Nitrite Nitrogen (—)		Remarks
MW-19-12	11/7/06	0855	X			X		15	X	X	X	X	X	X	X	X		
DUP-01	11/7/06	—	X			X		15	X	X	X	X	X	X	X	X		
ATM-01	11/7/06	0910	X			X		15	X	X	X	X	X	X	X	X		Total Lead
MW-27S	11/7/06	0700	X			X		10	X	X				X	X	X		
MW-19-4	11/7/06	1111	X			X		30	X	X	X	X	X	X	X	X		MS/MSD
MW-25(R)	11/7/06	1218	X			X		15	X	X	X	X	X	X	X	X		

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 2 wks
Rush results requested by (please circle): Phone Fax E-mail
Phone #: Fax #:
E-mail address:

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
E. Vincke	11/7/06	12:50	L Bewley	11/7/06	12:50
L Bewley	11/7/06	16:25			
			[signature]	11-7-06	1625

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

608-831-4444

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1013302. Samples arrived at the laboratory on Wednesday, November 08, 2006. The PO# for this group is 6527.18.

Client Description	Lancaster Labs Number
MW-28I Grab Water Sample	4910296
MW-28S Grab Water Sample	4910297
MW-19-6 Grab Water Sample	4910298
MW-27S Grab Water Sample	4910299
TB-02 Water Sample	4910300

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO	RMT, Inc.	Attn: Nicholas J. Clevett
1 COPY TO	Data Package Group	

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

Richard H. Karam
Group Leader

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910296

MW-28I Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 16:16 by EV

Account Number: 09322

Submitted: 11/08/2006 10:15
Reported: 11/20/2006 at 12:07
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW28I SDG#: LEC63-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	440.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Marlaina Raines on 110806 at 1230.					
00206	Total Suspended Solids	n.a.	15.6	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	335.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.22	0.080	mg/l	1
00228	Sulfate	14808-79-8	3.0 J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	1,500.	200.	ug/l	100
07107	Ethane	74-84-0	N.D.	100.	ug/l	100
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	14.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	10.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	90.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910296

MW-28I Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 16:16 by EV

Account Number: 09322

Submitted: 11/08/2006 10:15
Reported: 11/20/2006 at 12:07
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW28I SDG#: LEC63-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 08:43	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/10/2006 11:20	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/09/2006 10:05	Susan A Engle	1
00212	Total Dissolved Solids	EPA 160.1	1	11/10/2006 10:16	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 22:24	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2006 06:01	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/16/2006 07:30	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 16:43	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/09/2006 22:15	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 15:35	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/13/2006 15:33	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 17:14	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/11/2006 02:31	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/10/2006 06:00	Mark P Mastropietro	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 11:00	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910297

MW-28S Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 17:31 by EV

Account Number: 09322

Submitted: 11/08/2006 10:15
Reported: 11/20/2006 at 12:07
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW28S SDG#: LEC63-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	1.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Marlaina Raines on 110806 at 1230.					
00206	Total Suspended Solids	n.a.	24.8	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	347.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.43	0.080	mg/l	1
00228	Sulfate	14808-79-8	2.0 J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	4,400.	200.	ug/l	100
07107	Ethane	74-84-0	N.D.	100.	ug/l	100
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	180.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	92.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	250.	9.	ug/l	10

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910297

MW-28S Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 17:31 by EV

Account Number: 09322

Submitted: 11/08/2006 10:15
Reported: 11/20/2006 at 12:07
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW28S SDG#: LEC63-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 08:48	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/10/2006 11:20	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/09/2006 10:05	Susan A Engle	1
00212	Total Dissolved Solids	EPA 160.1	1	11/10/2006 10:16	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 22:28	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2006 06:02	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/16/2006 07:30	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 16:46	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/09/2006 22:34	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 16:02	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/13/2006 15:47	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 16:09	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/11/2006 12:06	Brian K Graham	10
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/10/2006 06:00	Mark P Mastropietro	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 11:00	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910298

MW-19-6 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 15:48 by EV

Account Number: 09322

Submitted: 11/08/2006 10:15
Reported: 11/20/2006 at 12:07
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW196 SDG#: LEC63-13

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.		0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	240.		1.	cfu/ml	n.a.
	The plating was performed by Marlaina Raines on 110806 at 1230.						
00206	Total Suspended Solids	n.a.	N.D.		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	574.		19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	2.3		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.		0.080	mg/l	1
00228	Sulfate	14808-79-8	38.3		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	31.		2.0	ug/l	1
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	0.6	J	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	0.3	J	0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.		0.9	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910298

MW-19-6 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 15:48 by EV

Account Number: 09322

Submitted: 11/08/2006 10:15
Reported: 11/20/2006 at 12:07
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW196 SDG#: LEC63-13

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 08:53	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/10/2006 11:20	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/09/2006 10:05	Susan A Engle	1
00212	Total Dissolved Solids	EPA 160.1	1	11/10/2006 10:16	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 22:29	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2006 06:03	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/16/2006 07:30	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 16:47	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/09/2006 22:52	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 16:16	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 16:42	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/11/2006 05:17	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/10/2006 06:00	Mark P Mastropietro	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 11:00	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910299

MW-27S Grab Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006 17:38 by EV

Account Number: 09322

Submitted: 11/08/2006 10:15
Reported: 11/20/2006 at 12:07
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW27S SDG#: LEC63-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00206	Total Suspended Solids	n.a.	166.	7.5	mg/l	1
00212	Total Dissolved Solids	n.a.	753.	19.4	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.82	0.080	mg/l	1
00228	Sulfate	14808-79-8	116.	3.0	mg/l	10

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00206	Total Suspended Solids	EPA 160.2	1	11/09/2006 10:05	Susan A Engle	1
00212	Total Dissolved Solids	EPA 160.1	1	11/10/2006 10:16	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 19:12	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/13/2006 20:37	Ashley M Heckman	10
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 11:00	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910300

TB-02 Water Sample
L.E. Carpenter, NJ

Collected:11/07/2006

Account Number: 09322

Submitted: 11/08/2006 10:15
Reported: 11/20/2006 at 12:07
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW27T SDG#: LEC63-15TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 12:55	Steven A Skiles	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/20/06 at 12:07 PM

Group Number: 1013302

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06312105102A	Sample number(s): 4910296-4910298							
Nitrite Nitrogen	N.D.	0.015	mg/l	101		90-110		
Batch number: 063130023A	Sample number(s): 4910296-4910298							
Methane	N.D.	2.0	ug/l	103		80-120		
Ethane	N.D.	1.0	ug/l	100		80-120		
Ethene	N.D.	1.0	ug/l	103		80-120		
Propane	N.D.	1.0	ug/l	100		73-125		
Batch number: 06313020601A	Sample number(s): 4910296-4910299							
Total Suspended Solids	N.D.	3.0	mg/l	79		56-128		
Batch number: 06313196601B	Sample number(s): 4910296-4910299							
Sulfate	0.44 J	0.30	mg/l	99		89-110		
Batch number: 06313WAD625	Sample number(s): 4910296-4910298							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	92	91	68-111	1	30
Batch number: 06314021202A	Sample number(s): 4910296-4910299							
Total Dissolved Solids	N.D.	9.7	mg/l	100		80-120		
Batch number: 063141848003	Sample number(s): 4910296-4910298							
Lead	N.D.	0.0069	mg/l	108		90-113		
Batch number: 06316A15A	Sample number(s): 4910296-4910298,4910300							
Total Xylenes	N.D.	0.6	ug/l	105	100	82-120	5	30
Benzene	N.D.	0.2	ug/l	103	98	86-119	5	30
Toluene	N.D.	0.2	ug/l	105	100	82-119	5	30
Ethylbenzene	N.D.	0.2	ug/l	105	99	81-119	6	30
Batch number: 06318106101B	Sample number(s): 4910296-4910298							
Nitrate Nitrogen	N.D.	0.040	mg/l	101		89-110		
Batch number: 06318109102A	Sample number(s): 4910296-4910299							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	109		90-110		
Batch number: 06320022101A	Sample number(s): 4910296-4910298							
Ammonia Nitrogen	N.D.	0.20	mg/l	98		91-100		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1013302
Reported: 11/20/06 at 12:07 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: 06312105102A	Sample number(s): 4910296-4910298 UNSPK: P910389 BKG: P910389								
Nitrite Nitrogen	99		90-110			N.D.	N.D.	0 (1)	20
Batch number: 063130023A	Sample number(s): 4910296-4910298 UNSPK: P909583								
Methane	83	86	63-124	4	20				
Ethane	84	84	63-127	0	20				
Ethene	90	92	69-126	2	20				
Propane	102	103	56-136	2	20				
Batch number: 06313020601A	Sample number(s): 4910296-4910299 BKG: 4910297								
Total Suspended Solids						24.8	24.4	2 (1)	20
Batch number: 06313196601B	Sample number(s): 4910296-4910299 UNSPK: P910259 BKG: P910259								
Sulfate	108		90-110			1,340.	1,350.	0	3
Batch number: 06314021202A	Sample number(s): 4910296-4910299 UNSPK: P910287 BKG: P910290								
Total Dissolved Solids	97	106	60-140	4	5	762.	772.	1	5
Batch number: 063141848003	Sample number(s): 4910296-4910298 UNSPK: P909583 BKG: P909583								
Lead	107	105	75-125	1	20	N.D.	N.D.	-612 (1)	20
Batch number: 06316A15A	Sample number(s): 4910296-4910298,4910300 UNSPK: P909843								
Total Xylenes	96		84-131						
Benzene	95		78-131						
Toluene	96		78-129						
Ethylbenzene	97		75-133						
Batch number: 06318106101B	Sample number(s): 4910296-4910298 UNSPK: P910389 BKG: P910389								
Nitrate Nitrogen	105		90-110			N.D.	N.D.	0 (1)	2
Batch number: 06318109102A	Sample number(s): 4910296-4910299 UNSPK: 4910296 BKG: 4910296								
Total Phosphorus as P (water)	110		90-110			0.22	0.23	7* (1)	3
Batch number: 06320022101A	Sample number(s): 4910296-4910298 UNSPK: P912152 BKG: P912152								
Ammonia Nitrogen	(2)	(2)	64-128	13*	8	119,000.	118,000.	0	2

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 063130023A

	Propene
4910296	62
4910297	72
4910298	69
Blank	100
LCS	96
MS	62
MSD	63
Limits:	38-129

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/20/06 at 12:07 PM

Group Number: 1013302

Surrogate Quality Control

Analysis Name: Base Neutrals
Batch number: 06313WAD625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4910296	80	88	92
4910297	77	81	83
4910298	83	88	91
Blank	91	93	99
LCS	86	89	93
LCSD	87	92	92
Limits:	48-117	60-114	43-136

Analysis Name: BTEX (EPA 602)
Batch number: 06316A15A

	Trifluorotoluene-P
4910296	99
4910297	98
4910298	100
4910300	101
Blank	100
LCS	100
LCSD	99
MS	100
Limits:	69-129

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 1013302 Sample # 4910296-300

COC # 0137347

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only
FSC:
SCR#:

(1) Client: RMT Inc Acct. #:
Project Name/#: Le Carpenter PWSID #:
Project Manager: N. Clevett P.O.#: 6527.18
Sampler: E. Vincke/K. McFarlin Quote #:
Name of state where samples were collected: NJ

(2) Sample Identification | Date Collected | Time Collected | (3) Grab | Composite | Matrix: Soil | Water | Other | (4) Total # of Containers | (5) Analyses Requested — Preservation Codes: BTEX-Hydrocarbons Volatile Head Space | Base Neutrals | Total Pos P/ NH3 | TSS, TDS, SO4 | Diss. Lead | HPC | Nitrate Nitrogen | Nitrite Nitrogen | Remarks (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	BTEX-Hydrocarbons Volatile Head Space	Base Neutrals	Total Pos P/ NH3	TSS, TDS, SO4	Diss. Lead	HPC	Nitrate Nitrogen	Nitrite Nitrogen	Remarks
MW-28I	11/7/06	1616	X			X		15	X	X	X	X	X	X	X	X	
MW-28S		1731	X			X		15	X	X	X	X	X	X	X	X	
MW-19-6		1548	X			X		15	X	X	X	X	X	X	X	X	
MW-27S		1738	X			X		3			X	X					Total P. as P. only
TB-02	11/7/06	—	—						X								

Preservation Codes: H=HCl T=Thiosulfate N=HNO_3 B=NaOH S=H_2SO_4 O=Other

(7) **Turnaround Time Requested (TAT)** (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 2 weeks
Rush results requested by (please circle): Phone Fax E-mail
Phone #: Fax #:
E-mail address:

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No
Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Kelly McFarlin	11/7/06	1900	Fed EX		
			Kathy Binkley	11-8-06	1015

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

608-831-4444

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1013438. Samples arrived at the laboratory on Wednesday, November 08, 2006. The PO# for this group is 6527.18.

Client Description	Lancaster Labs Number
DUP-02 Grab Water Sample	4910855
MW-27S Grab Water Sample	4910856
MW-30D Water Sample	4910857
MW-30I Water Sample	4910858
MW-19-5 Water Sample	4910859
MW-19-7 Water Sample	4910860
TB-03 Water Sample	4910861

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO	RMT, Inc.	Attn: Nicholas J. Clevett
1 COPY TO	Data Package Group	

Lancaster Laboratories

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

Michele J. Smith

Michele J. Smith
Group Leader

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910855

DUP-02 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 by EV

Account Number: 09322

Submitted: 11/08/2006 17:55
Reported: 11/20/2006 at 12:18
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

DP2-- SDG#: LEC62-08FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	43.	1.	cfu/ml	n.a.
	The plating was performed by Marlaina Raines on 110906 at 1000.					
00206	Total Suspended Solids	n.a.	41.2	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	478.	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.23	0.080	mg/l	1
00228	Sulfate	14808-79-8	11.1	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	930.	100.	ug/l	50
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	0.2 J	0.2	ug/l	1
	The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3.					
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910855

DUP-02 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 by EV

Account Number: 09322

Submitted: 11/08/2006 17:55
Reported: 11/20/2006 at 12:18
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

DP2-- SDG#: LEC62-08FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 09:36	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/13/2006 08:45	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/10/2006 08:52	Susan A Engle	1
00212	Total Dissolved Solids	EPA 160.1	1	11/11/2006 08:51	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 22:38	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2006 07:04	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/18/2006 06:15	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 18:24	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/14/2006 15:31	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 17:25	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/13/2006 16:42	Hai D Nguyen	50
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 19:24	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/11/2006 07:29	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/10/2006 06:00	Mark P Mastropietro	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 12:55	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910856

MW-27S Grab Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 07:20 by EV

Account Number: 09322

Submitted: 11/08/2006 17:55
Reported: 11/20/2006 at 12:18
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

M27S- SDG#: LEC62-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 09:40	Damary Valentin	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/18/2006 06:15	Yolunder Y Bunch	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910857

MW-30D Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 09:15 by EV

Account Number: 09322

Submitted: 11/08/2006 17:55
Reported: 11/20/2006 at 12:18
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

M30D- SDG#: LEC62-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	47.	1.	cfu/ml	n.a.
	The plating was performed by Marlaina Raines on 110906 at 1000.					
	The sample was greater then 24 hours at time of analysis.					
00206	Total Suspended Solids	n.a.	5.6 J	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	375.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	12.5	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	22.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910857

MW-30D Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 09:15 by EV

Account Number: 09322

Submitted: 11/08/2006 17:55
Reported: 11/20/2006 at 12:18
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

M30D- SDG#: LEC62-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 09:45	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/13/2006 08:45	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/10/2006 08:52	Susan A Engle	1
00212	Total Dissolved Solids	EPA 160.1	1	11/11/2006 08:51	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 22:39	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2006 07:06	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/18/2006 06:15	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 18:26	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/14/2006 15:48	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 17:43	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 19:57	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/11/2006 08:24	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/10/2006 06:00	Mark P Mastropietro	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 12:55	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910858

MW-30I Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 11:03 by EV

Account Number: 09322

Submitted: 11/08/2006 17:55
Reported: 11/20/2006 at 12:18
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

M30I- SDG#: LEC62-11

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.		0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	40.		1.	cfu/ml	n.a.
	The plating was performed by Marlaina Raines on 110906 at 1000.						
00206	Total Suspended Solids	n.a.	17.2		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	456.		19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	0.89		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.24		0.080	mg/l	1
00228	Sulfate	14808-79-8	11.1		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	930.		100.	ug/l	50
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	0.2	J	0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	1.	J	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910858

MW-30I Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 11:03 by EV

Account Number: 09322

Submitted: 11/08/2006 17:55
Reported: 11/20/2006 at 12:18
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

M30I- SDG#: LEC62-11

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 09:50	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/13/2006 08:45	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/10/2006 08:52	Susan A Engle	1
00212	Total Dissolved Solids	EPA 160.1	1	11/11/2006 08:51	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 22:45	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2006 07:07	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/18/2006 06:15	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 18:27	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/14/2006 16:05	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 17:56	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/13/2006 16:57	Hai D Nguyen	50
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 20:30	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/11/2006 09:20	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/10/2006 06:00	Mark P Mastropietro	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 12:55	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910859

MW-19-5 Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 12:14 by EV

Account Number: 09322

Submitted: 11/08/2006 17:55
Reported: 11/20/2006 at 12:18
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

M195- SDG#: LEC62-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	620.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Marlaina Raines on 110906 at 1000.					
	Mold growth was observed on at least one of the plates used to enumerate this sample.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	236.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.10	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	10.9	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	640.	20.	ug/l	10
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	2,000.	60.	ug/l	100
07029	Benzene	71-43-2	N.D.	20.	ug/l	100
07030	Toluene	108-88-3	22,000.	20.	ug/l	100
07031	Ethylbenzene	100-41-4	410.	20.	ug/l	100
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	9.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910859

MW-19-5 Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 12:14 by EV

Account Number: 09322

Submitted: 11/08/2006 17:55
Reported: 11/20/2006 at 12:18
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

M195- SDG#: LEC62-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 09:55	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/13/2006 08:45	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/10/2006 08:52	Susan A Engle	1
00212	Total Dissolved Solids	EPA 160.1	1	11/11/2006 08:51	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 22:47	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2006 07:08	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/18/2006 06:15	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 18:28	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/14/2006 16:23	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 18:10	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/13/2006 17:10	Hai D Nguyen	10
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 21:37	K. Robert Caulfeild-James	100
00553	Base Neutrals	EPA 625	1	11/11/2006 10:15	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/10/2006 06:00	Mark P Mastropietro	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 12:55	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910860

MW-19-7 Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 09:19 by EV

Account Number: 09322

Submitted: 11/08/2006 17:55
Reported: 11/20/2006 at 12:18
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

M197- SDG#: LEC62-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	600.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Marlaina Raines on 110906 at 1000.					
	The sample was greater then 24 hours at time of analysis.					
00206	Total Suspended Solids	n.a.	4.4 J	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	568.	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	3.4	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	31.3	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	5,600.	200.	ug/l	100
07107	Ethane	74-84-0	N.D.	100.	ug/l	100
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	26.	0.6	ug/l	1
07029	Benzene	71-43-2	2.6	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910860

MW-19-7 Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 09:19 by EV

Account Number: 09322

Submitted: 11/08/2006 17:55
Reported: 11/20/2006 at 12:18
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

M197- SDG#: LEC62-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/11/2006 09:59	Damary Valentin	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/13/2006 08:45	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/10/2006 08:52	Susan A Engle	1
00212	Total Dissolved Solids	EPA 160.1	1	11/11/2006 08:51	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/08/2006 22:48	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2006 07:09	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/18/2006 06:15	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 18:31	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/14/2006 16:40	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/10/2006 18:38	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/13/2006 17:24	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 21:03	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/11/2006 11:10	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/10/2006 01:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/10/2006 06:00	Mark P Mastropietro	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 12:55	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4910861

TB-03 Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006

Account Number: 09322

Submitted: 11/08/2006 17:55
Reported: 11/20/2006 at 12:18
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

TB3LE SDG#: LEC62-14TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/10/2006 12:45	K. Robert Caulfeild-James	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1013438
Reported: 11/20/06 at 12:18 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06312105102A	Sample number(s): 4910855							
Nitrite Nitrogen	N.D.	0.015	mg/l	101		90-110		
Batch number: 06312105102B	Sample number(s): 4910857-4910860							
Nitrite Nitrogen	N.D.	0.015	mg/l	101		90-110		
Batch number: 063130023A	Sample number(s): 4910855,4910857-4910860							
Methane	N.D.	2.0	ug/l	103		80-120		
Ethane	N.D.	1.0	ug/l	100		80-120		
Ethene	N.D.	1.0	ug/l	103		80-120		
Propane	N.D.	1.0	ug/l	100		73-125		
Batch number: 06313A36A	Sample number(s): 4910855,4910857-4910861							
Total Xylenes	N.D.	0.6	ug/l	96		82-120		
Benzene	N.D.	0.2	ug/l	98		86-119		
Toluene	N.D.	0.2	ug/l	102		82-119		
Ethylbenzene	N.D.	0.2	ug/l	102		81-119		
Batch number: 06313WAD625	Sample number(s): 4910855,4910857-4910860							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	92	91	68-111	1	30
Batch number: 06314020601A	Sample number(s): 4910855,4910857-4910860							
Total Suspended Solids	N.D.	3.0	mg/l	87		56-128		
Batch number: 063141848003	Sample number(s): 4910855-4910860							
Lead	N.D.	0.0069	mg/l	108		90-113		
Batch number: 06315021201A	Sample number(s): 4910855,4910857-4910860							
Total Dissolved Solids	N.D.	9.7	mg/l	97		80-120		
Batch number: 06318106102A	Sample number(s): 4910855							
Nitrate Nitrogen	N.D.	0.040	mg/l	100		89-110		
Batch number: 06318106102B	Sample number(s): 4910857-4910860							
Nitrate Nitrogen	N.D.	0.040	mg/l	100		89-110		
Batch number: 06318109103A	Sample number(s): 4910855,4910857-4910860							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	104		90-110		
Batch number: 06318196601A	Sample number(s): 4910855,4910857-4910860							
Sulfate	N.D.	0.30	mg/l	99		89-110		
Batch number: 06322022101A	Sample number(s): 4910855-4910860							
Ammonia Nitrogen	N.D.	0.20	mg/l	96	97	91-100	1	1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1013438
Reported: 11/20/06 at 12:18 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06312105102A	Sample number(s): 4910855 UNSPK: P910389 BKG: P910389								
Nitrite Nitrogen	99		90-110			N.D.	N.D.	0 (1)	20
Batch number: 06312105102B	Sample number(s): 4910857-4910860 UNSPK: 4910857 BKG: 4910857								
Nitrite Nitrogen	88*		90-110			N.D.	N.D.	0 (1)	20
Batch number: 063130023A	Sample number(s): 4910855,4910857-4910860 UNSPK: P909583								
Methane	83	86	63-124	4	20				
Ethane	84	84	63-127	0	20				
Ethene	90	92	69-126	2	20				
Propane	102	103	56-136	2	20				
Batch number: 06313A36A	Sample number(s): 4910855,4910857-4910861 UNSPK: P909583								
Total Xylenes	105	111	84-131	5	30				
Benzene	109	114	78-131	4	30				
Toluene	112	118	78-129	5	30				
Ethylbenzene	113	119	75-133	5	30				
Batch number: 06314020601A	Sample number(s): 4910855,4910857-4910860 BKG: 4910855								
Total Suspended Solids						41.2	46.8	13 (1)	20
Batch number: 063141848003	Sample number(s): 4910855-4910860 UNSPK: P909583 BKG: P909583								
Lead	107	105	75-125	1	20	N.D.	N.D.	-612 (1)	20
Batch number: 06315021201A	Sample number(s): 4910855,4910857-4910860 UNSPK: P911265 BKG: P911264								
Total Dissolved Solids	96	94	60-140	1	5	835.	845.	1	5
Batch number: 06318106102A	Sample number(s): 4910855 UNSPK: 4910855 BKG: 4910855								
Nitrate Nitrogen	99		90-110			N.D.	N.D.	0 (1)	2
Batch number: 06318106102B	Sample number(s): 4910857-4910860 UNSPK: 4910857 BKG: 4910857								
Nitrate Nitrogen	105		90-110			N.D.	N.D.	44* (1)	2
Batch number: 06318109103A	Sample number(s): 4910855,4910857-4910860 UNSPK: P910797 BKG: P910797								
Total Phosphorus as P (water)	105		90-110			N.D.	N.D.	0 (1)	3
Batch number: 06318196601A	Sample number(s): 4910855,4910857-4910860 UNSPK: P915093 BKG: P915093								
Sulfate	104		90-110			15.6	15.6	0 (1)	3
Batch number: 06322022101A	Sample number(s): 4910855-4910860 BKG: P911352								
Ammonia Nitrogen						1.5	1.6	11* (1)	2

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 063130023A

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/20/06 at 12:18 PM

Group Number: 1013438

Surrogate Quality Control

	Propene
4910855	67
4910857	63
4910858	70
4910859	69
4910860	64
Blank	100
LCS	96
MS	62
MSD	63
Limits:	38-129

Analysis Name: BTEX (EPA 602)
Batch number: 06313A36A

	Trifluorotoluene-P
4910855	105
4910857	106
4910858	106
4910859	102
4910860	101
4910861	105
Blank	105
LCS	101
MS	102
MSD	101
Limits:	69-129

Analysis Name: Base Neutrals
Batch number: 06313WAD625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4910855	80	87	92
4910857	84	88	96
4910858	79	88	95
4910859	80	89	77
4910860	82	82	72
Blank	91	93	99
LCS	86	89	93
LCSD	87	92	92
Limits:	48-117	60-114	43-136

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Request/ Environmental Services Chain of Cus

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 1013439 Sample # 4910955-61

COC # 01373

temp 0.8-1.2°C

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only
FSC:
SCR#:

(1)
Client: RMT Inc Acct. #:
Project Name/#: L.E. Carpenter PWSID #:
Project Manager: N. Clevett P.O.#: 6527.18
Sampler: E. Vincke / K. McFarlin Quote #:
Name of state where samples were collected: NJ

(5) Analyses Requested

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water	Other	(4) Total # of Containers	BTEX	Volatile Head. Hydr	Total Pas P NH_3	SO_4, TDS, TSS	Diss. Lead	HPC	Base Neutrals	NO_2	NO_3	Remarks
									H	H	S	—	N	O	O			
DUP-02	11/8/06	—	X			X		15	X	X	X	X	X	X	X	X	X	
MW-27S	11/8/06	720	X			X		2			X	X	X					NH_3 Only
MW-30D	11/8/06	0915				X		15	X	X	X	X	X	X	X	X	X	
MW-30I	11/8/06	1103				X		15	X	X	X	X	X	X	X	X	X	
MW-19-5	11/8/06	1214				X		15	X	X	X	X	X	X	X	X	X	
MW-19-7	11/8/06	0919				X		15	X	X	X	X	X	X	X	X	X	
TB-03	11/8/06	—				X		15 2	X									

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 2 wks
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 616-975-5415 Fax #: 616-975-1098
E-mail address: nicholas.clevett@rmtinc.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
E. Vincke	11/8/06	12:35	[signature]	11/8/06	12:35
[signature]	11/8/06	17:55			
			[signature]	11/8/06	1758

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

608-831-4444

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1013508. Samples arrived at the laboratory on Thursday, November 09, 2006. The PO# for this group is 6527.18.

Client Description	Lancaster Labs Number
TB-04 Water Sample	4911245
MW-19 Grab Water Sample	4911246

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO	RMT, Inc.	Attn: Nicholas J. Clevett
1 COPY TO	Data Package Group	

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

Michele J. Smith

Michele J. Smith
Group Leader

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4911245

TB-04 Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006

Account Number: 09322

Submitted: 11/09/2006 09:35
Reported: 11/20/2006 at 16:30
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

CAR04 SDG#: LEC63-16TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/14/2006 16:37	K. Robert Caulfeild-James	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4911246

MW-19 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 16:00 by EV

Account Number: 09322

Submitted: 11/09/2006 09:35
Reported: 11/20/2006 at 16:30
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

CAR19 SDG#: LEC63-17

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.		0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	20.		1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.						
	The plating was performed by Marlaina Raines on 110906 at 1120.						
00206	Total Suspended Solids	n.a.	16.0		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	411.		9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.057		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.11		0.080	mg/l	1
00228	Sulfate	14808-79-8	2.9	J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	1,700.		200.	ug/l	100
07107	Ethane	74-84-0	31.		1.0	ug/l	1
07108	Ethene	74-85-1	7.3		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	11,000.		120.	ug/l	200
07029	Benzene	71-43-2	N.D.		40.	ug/l	200
07030	Toluene	108-88-3	59,000.		40.	ug/l	200
07031	Ethylbenzene	100-41-4	2,200.		40.	ug/l	200
	Due to dilution of the sample made necessary by the high level of toluene, normal reporting limits were not attained for benzene.						
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	2.	J	1.	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4911246

MW-19 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/08/2006 16:00 by EV

Account Number: 09322

Submitted: 11/09/2006 09:35
Reported: 11/20/2006 at 16:30
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

CAR19 SDG#: LEC63-17

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/15/2006 00:42	John P Hook	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/13/2006 10:00	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/10/2006 08:52	Susan A Engle	1
00212	Total Dissolved Solids	EPA 160.1	1	11/13/2006 09:14	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/09/2006 19:39	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2006 07:12	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/18/2006 06:15	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 18:34	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/14/2006 21:19	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/13/2006 19:15	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/15/2006 13:11	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	11/14/2006 21:02	K. Robert Caulfeild-James	200
00553	Base Neutrals	EPA 625	1	11/13/2006 12:14	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/13/2006 00:10	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/11/2006 12:50	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 12:55	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/20/06 at 04:30 PM

Group Number: 1013508

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06313105101A	Sample number(s): 4911246							
Nitrite Nitrogen	N.D.	0.015	mg/l	97		90-110		
Batch number: 06314020601A	Sample number(s): 4911246							
Total Suspended Solids	N.D.	3.0	mg/l	87		56-128		
Batch number: 06314WAG625	Sample number(s): 4911246							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	90	90	68-111	1	30
Batch number: 063170032A	Sample number(s): 4911246							
Methane	N.D.	2.0	ug/l	102		80-120		
Ethane	N.D.	1.0	ug/l	98		80-120		
Ethene	N.D.	1.0	ug/l	102		80-120		
Propane	N.D.	1.0	ug/l	98		73-125		
Batch number: 06317021201A	Sample number(s): 4911246							
Total Dissolved Solids	N.D.	9.7	mg/l	97		80-120		
Batch number: 063171848001	Sample number(s): 4911246							
Lead	N.D.	0.0069	mg/l	106		90-113		
Batch number: 06318106102B	Sample number(s): 4911246							
Nitrate Nitrogen	N.D.	0.040	mg/l	100		89-110		
Batch number: 06318109103B	Sample number(s): 4911246							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	104		90-110		
Batch number: 06318196601B	Sample number(s): 4911246							
Sulfate	N.D.	0.30	mg/l	99		89-110		
Batch number: 06318A36A	Sample number(s): 4911245-4911246							
Total Xylenes	N.D.	0.6	ug/l	100	104	82-120	4	30
Benzene	N.D.	0.2	ug/l	99	103	86-119	4	30
Toluene	N.D.	0.2	ug/l	105	109	82-119	4	30
Ethylbenzene	N.D.	0.2	ug/l	106	111	81-119	4	30
Batch number: 06322022101A	Sample number(s): 4911246							
Ammonia Nitrogen	N.D.	0.20	mg/l	96	97	91-100	1	1

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1013508
Reported: 11/20/06 at 04:30 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: 06313105101A	Sample number(s): 4911246 UNSPK: P911278 BKG: P911278								
Nitrite Nitrogen	108		90-110			N.D.	N.D.	0 (1)	20
Batch number: 06314020601A	Sample number(s): 4911246 BKG: P910855								
Total Suspended Solids						41.2	46.8	13 (1)	20
Batch number: 063170032A	Sample number(s): 4911246 UNSPK: P913612								
Methane	93	97	63-124	4	20				
Ethane	92	95	63-127	4	20				
Ethene	97	98	69-126	2	20				
Propane	102	105	56-136	3	20				
Batch number: 06317021201A	Sample number(s): 4911246 UNSPK: P911233 BKG: P911237								
Total Dissolved Solids	101	101	60-140	0	5	7,020.	7,180.	2	5
Batch number: 063171848001	Sample number(s): 4911246 UNSPK: P912245 BKG: P912245								
Lead	103	105	75-125	2	20	N.D.	N.D.	-84 (1)	20
Batch number: 06318106102B	Sample number(s): 4911246 UNSPK: P910857 BKG: P910857								
Nitrate Nitrogen	105		90-110			N.D.	N.D.	44* (1)	2
Batch number: 06318109103B	Sample number(s): 4911246 UNSPK: P911278 BKG: P911278								
Total Phosphorus as P (water)	114*		90-110			0.091 J	0.088 J	4* (1)	3
Batch number: 06318196601B	Sample number(s): 4911246 UNSPK: P912126 BKG: P912126								
Sulfate	107		90-110			64.8	64.3	1	3
Batch number: 06318A36A	Sample number(s): 4911245-4911246 UNSPK: P911731								
Total Xylenes	118		84-131						
Benzene	114		78-131						
Toluene	123		78-129						
Ethylbenzene	126		75-133						
Batch number: 06322022101A	Sample number(s): 4911246 BKG: P911352								
Ammonia Nitrogen						1.5	1.6	11* (1)	2

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Base Neutrals
Batch number: 06314WAG625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4911246	83	92	89
Blank	81	80	89
LCS	85	88	91
LCSD	85	89	96
Limits:	48-117	60-114	43-136

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 063170032A

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1013508
Reported: 11/20/06 at 04:30 PM

Surrogate Quality Control

	Propene
4911246	65
Blank	95
LCS	93
MS	67
MSD	68
Limits:	38-129

Analysis Name: BTEX (EPA 602)
Batch number: 06318A36A

	Trifluorotoluene-P
4911245	104
4911246	102
Blank	104
LCS	100
LCSD	100
MS	100
Limits:	69-129

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Request, Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 09322 Group# 1013508 Sample # 4911245-46 **COC # 0137346**

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: RMT Inc Acct. #:
Project Name/#: L.E. Carpenter PWSID #:
Project Manager: N. Clevett P.O.#: 6527.18
Sampler: E. Vincke / K. McFarlin Quote #:
Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification | Date Collected | Time Collected | (3) Grab | Composite | Matrix (4) Soil | Water | Other | Total # of Containers | (5) Analyses Requested — Preservation Codes: H BTEX | H Volatile Head, Hydro | S Total Pasp / NH_3 | — SO_4, TDS, TSS | N Diss. Lead | O HPC | O Base Neutral | — NO_2 | S NO_3 | Remarks (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	BTEX	Volatile Head, Hydro	Total Pasp / NH_3	SO_4, TDS, TSS	Diss. Lead	HPC	Base Neutral	NO_2	NO_3	Remarks
TB-04	11/8/06	—				X		3	X									
MW-19	11/8/06	1600	X			X		15	X	X	X	X	X	X	X	X	X	

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 2 wks
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 616-975-5415 Fax #: 616-975-1098
E-mail address: nicholas.clevett@rmtinc.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No
Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
E. Vincke	11/8/06	1900	Fed Ex		
			[signature]	11/09/06	0933

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

VHW 11/09/06

2102.03

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

608-831-4444

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1013681. Samples arrived at the laboratory on Thursday, November 09, 2006. The PO# for this group is 6527.18.

Client Description	Lancaster Labs Number
RB-01 Grab Water Sample	4912187
MW-30S Grab Water Sample	4912188
MW-29S Grab Water Sample	4912189
RB-02 Grab Water Sample	4912190
TB-05 Water Sample	4912191
SW-D-3 Grab Water Sample	4912192
SW-D-2 Grab Water Sample	4912193
SW-D-1 Grab Water Sample	4912194
SW-D-4 Grab Water Sample	4912195
RB-03 Grab Water Sample	4912196

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO	RMT, Inc.	Attn: Nicholas J. Clevett
1 COPY TO	Data Package Group	

Lancaster Laboratories

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

Michele J. Smith

Michele J. Smith
Group Leader

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912187

RB-01 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 08:30 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

RB01- SDG#: LEC62-15RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	3.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Marlaina Raines on 111006 at 0850.					
	Sample was greater than 24 hours old when analyzed.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	N.D.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	N.D.	0.30	mg/l	1
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	N.D.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912187

RB-01 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 08:30 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

RB01- SDG#: LEC62-15RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/15/2006 00:47	John P Hook	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/13/2006 09:00	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/11/2006 11:12	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	11/14/2006 08:41	Susan A Engle	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/10/2006 21:01	Courtney A Shoff	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/16/2006 19:55	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/20/2006 07:30	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 19:01	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/15/2006 12:37	Ashley M Heckman	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/13/2006 19:28	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 17:22	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/14/2006 16:59	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/13/2006 00:10	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/12/2006 07:00	Mark P Mastropietro	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 13:30	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912188

MW-30S Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 08:07 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW30S SDG#: LEC62-16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	> 5700.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Marlaina Raines on 111006 at 0850.					
	Sample was greater than 24 hours old when analyzed.					
00206	Total Suspended Solids	n.a.	147.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	448.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.031 J	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	1.1	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.24	0.080	mg/l	1
00228	Sulfate	14808-79-8	5.5	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	6,500.	200.	ug/l	100
07107	Ethane	74-84-0	N.D.	100.	ug/l	100
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
	Due to interfering peaks on the chromatogram, the values reported represent the lowest reporting limits attainable.					
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	2,600.	3.0	ug/l	5
07029	Benzene	71-43-2	N.D.	1.0	ug/l	5
07030	Toluene	108-88-3	N.D.	1.0	ug/l	5
07031	Ethylbenzene	100-41-4	540.	1.0	ug/l	5
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	2,500.	95.	ug/l	100

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912188

MW-30S Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 08:07 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW30S SDG#: LEC62-16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/15/2006 00:52	John P Hook	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/13/2006 09:00	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/11/2006 11:12	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	11/14/2006 08:41	Susan A Engle	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/10/2006 21:02	Courtney A Shoff	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/16/2006 19:56	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/20/2006 07:30	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 19:06	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/15/2006 12:53	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/13/2006 19:42	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/15/2006 13:25	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	11/14/2006 05:33	K. Robert Caulfeild-James	5
00553	Base Neutrals	EPA 625	1	11/15/2006 02:47	Brian K Graham	100
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/13/2006 00:10	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/12/2006 07:00	Mark P Mastropietro	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 13:30	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912189

MW-29S Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 10:53 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW29S SDG#: LEC62-17

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	190.	1.	cfu/ml	n.a.
	The plating was performed by Marlaina Raines on 111006 at 0850.					
00206	Total Suspended Solids	n.a.	35.6	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	509.	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.032 J	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	8.3	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.29	0.080	mg/l	1
00228	Sulfate	14808-79-8	3.9 J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	5,200.	200.	ug/l	100
07107	Ethane	74-84-0	N.D.	100.	ug/l	100
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
	Due to interfering peaks on the chromatogram, the values reported represent the lowest reporting limits attainable.					
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	31.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011
This sample was field filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912189

MW-29S Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 10:53 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

MW29S SDG#: LEC62-17

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/15/2006 00:57	John P Hook	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/13/2006 09:00	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/11/2006 11:12	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	11/14/2006 08:41	Susan A Engle	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/10/2006 21:04	Courtney A Shoff	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/16/2006 19:57	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/20/2006 07:30	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 19:02	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/15/2006 13:39	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/13/2006 19:56	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/15/2006 13:38	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 18:28	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/14/2006 18:49	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/13/2006 00:10	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/12/2006 07:00	Mark P Mastropietro	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 13:30	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912190

RB-02 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 12:00 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

RB02- SDG#: LEC62-18RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	56.	1.	cfu/ml	n.a.
	The plating was performed by Marlaina Raines on 111006 at 0850.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	N.D.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	N.D.	0.30	mg/l	1
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	N.D.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912190

RB-02 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 12:00 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

RB02- SDG#: LEC62-18RB

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/15/2006 01:01	John P Hook	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/13/2006 09:00	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	11/11/2006 11:12	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	11/14/2006 08:41	Susan A Engle	1
00219	Nitrite Nitrogen	EPA 353.2	1	11/10/2006 21:05	Courtney A Shoff	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/16/2006 19:58	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	11/20/2006 07:30	Yolunder Y Bunch	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/14/2006 19:03	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	11/15/2006 13:54	Ashley M Heckman	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	11/13/2006 20:10	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 19:01	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/14/2006 19:44	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/13/2006 00:10	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	11/12/2006 07:00	Mark P Mastropietro	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/14/2006 13:30	Nancy J Shoop	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912191

TB-05 Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

TB05- SDG#: LEC62-19TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 17:55	K. Robert Caulfeild-James	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912192

SW-D-3 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 09:45 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWD3- SDG#: LEC62-20

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 19:35	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/14/2006 20:38	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/12/2006 07:00	Mark P Mastropietro	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912193

SW-D-2 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 10:10 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWD2- SDG#: LEC62-21

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	1.	J	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 20:08	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/14/2006 21:33	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/12/2006 07:00	Mark P Mastropietro	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912194

SW-D-1 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 10:20 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWD1- SDG#: LEC62-22

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 20:41	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/14/2006 22:28	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/12/2006 07:00	Mark P Mastropietro	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912195

SW-D-4 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 10:35 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWD4- SDG#: LEC62-23

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	0.6	J	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	0.4	J	0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.		0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 21:14	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/14/2006 23:23	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/12/2006 07:00	Mark P Mastropietro	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4912196

RB-03 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/09/2006 10:50 by EV

Account Number: 09322

Submitted: 11/09/2006 19:30
Reported: 11/20/2006 at 16:21
Discard: 12/21/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

RB03- SDG#: LEC62-24RB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 21:48	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/15/2006 00:18	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/12/2006 07:00	Mark P Mastropietro	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/20/06 at 04:21 PM

Group Number: 1013681

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06314105101A	Sample number(s): 4912187-4912190							
Nitrite Nitrogen	N.D.	0.015	mg/l	97		90-110		
Batch number: 06315020601B	Sample number(s): 4912187-4912190							
Total Suspended Solids	N.D.	3.0	mg/l	108		56-128		
Batch number: 06315WAD625	Sample number(s): 4912187-4912190,4912192-4912196							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	88	88	68-111	1	30
Batch number: 063170032A	Sample number(s): 4912187-4912190							
Methane	N.D.	2.0	ug/l	102		80-120		
Ethane	N.D.	1.0	ug/l	98		80-120		
Ethene	N.D.	1.0	ug/l	102		80-120		
Propane	N.D.	1.0	ug/l	98		73-125		
Batch number: 063171848001	Sample number(s): 4912187-4912190							
Lead	N.D.	0.0069	mg/l	106		90-113		
Batch number: 06317A36A	Sample number(s): 4912187-4912196							
Total Xylenes	N.D.	0.6	ug/l	99	99	82-120	0	30
Benzene	N.D.	0.2	ug/l	98	99	86-119	1	30
Toluene	N.D.	0.2	ug/l	104	105	82-119	1	30
Ethylbenzene	N.D.	0.2	ug/l	105	106	81-119	1	30
Batch number: 06318021201A	Sample number(s): 4912187-4912190							
Total Dissolved Solids	N.D.	9.7	mg/l	92		80-120		
Batch number: 06318109104A	Sample number(s): 4912187-4912190							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	107		90-110		
Batch number: 06319196101A	Sample number(s): 4912187-4912190							
Sulfate	N.D.	0.30	mg/l	100		89-110		
Batch number: 06320106101B	Sample number(s): 4912187-4912190							
Nitrate Nitrogen	N.D.	0.040	mg/l	100		89-110		
Batch number: 06324022101A	Sample number(s): 4912187-4912190							
Ammonia Nitrogen	N.D.	0.20	mg/l	98		91-100		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1013681
Reported: 11/20/06 at 04:21 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: 06314105101A	Sample number(s): 4912187-4912190 UNSPK: P912256 BKG: P912256								
Nitrite Nitrogen	99		90-110			N.D.	N.D.	0 (1)	20
Batch number: 06315020601B	Sample number(s): 4912187-4912190 BKG: P913220								
Total Suspended Solids						211.	203.	4 (1)	20
Batch number: 063170032A	Sample number(s): 4912187-4912190 UNSPK: P913612								
Methane	93	97	63-124	4	20				
Ethane	92	95	63-127	4	20				
Ethene	97	98	69-126	2	20				
Propane	102	105	56-136	3	20				
Batch number: 063171848001	Sample number(s): 4912187-4912190 UNSPK: P912245 BKG: P912245								
Lead	103	105	75-125	2	20	N.D.	N.D.	-84 (1)	20
Batch number: 06317A36A	Sample number(s): 4912187-4912196 UNSPK: 4912190								
Total Xylenes	107		84-131						
Benzene	104		78-131						
Toluene	112		78-129						
Ethylbenzene	115		75-133						
Batch number: 06318021201A	Sample number(s): 4912187-4912190 UNSPK: P912262 BKG: P912262								
Total Dissolved Solids	105	103	60-140	1	5	373.	371.	1	5
Batch number: 06318109104A	Sample number(s): 4912187-4912190 UNSPK: P911651 BKG: P911651								
Total Phosphorus as P (water)	111*		90-110			0.11	N.D.	200* (1)	3
Batch number: 06319196101A	Sample number(s): 4912187-4912190 UNSPK: P915724 BKG: P915724								
Sulfate	108		90-110			54.0	57.2	6*	3
Batch number: 06320106101B	Sample number(s): 4912187-4912190 UNSPK: P911896 BKG: P911896								
Nitrate Nitrogen	98		90-110			3.2	3.2	0	2
Batch number: 06324022101A	Sample number(s): 4912187-4912190 UNSPK: P915683 BKG: P915683								
Ammonia Nitrogen	64	93	64-128	10*	8	51,400.	50,700.	1	2

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Base Neutrals
Batch number: 06315WAD625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4912187	78	85	96
4912188	77	80	85
4912189	81	84	92
4912190	79	87	97
4912192	84	87	79
4912193	84	88	79
4912194	81	86	76
4912195	83	87	75
4912196	84	91	101

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1013681
Reported: 11/20/06 at 04:21 PM

Surrogate Quality Control

Blank	81	89	98
LCS	88	90	96
LCSD	86	90	92
Limits:	48-117	60-114	43-136

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 063170032A

	Propene
4912187	102
4912188	58
4912189	60
4912190	59
Blank	95
LCS	93
MS	67
MSD	68
Limits:	38-129

Analysis Name: BTEX (EPA 602)
Batch number: 06317A36A

	Trifluorotoluene-P
4912187	105
4912188	98
4912189	104
4912190	104
4912191	105
4912192	106
4912193	104
4912194	104
4912195	105
4912196	105
Blank	104
LCS	100
LCSD	100
MS	100
Limits:	69-129

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 1013631 Sample # 4912137-96

COC # 0137350

temp 0.7-3.0°C

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only
FSC:
SCR#: 35299

(1) Client: RMT Inc Acct. #:
Project Name/#: L.E. Carpenter PWSID #:
Project Manager: N. Clevett P.O.#: 6527.18
Sampler: E. Vincke / K. McFarlin Quote #:
Name of state where samples were collected: NJ

(5) Analyses Requested — Preservation Codes

Preservation Codes: H=HCl, T=Thiosulfate, N=HNO_3, B=NaOH, S=H_2SO_4, O=Other

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	(4) Water	Other	Total # of Containers	BTEX-hydrocarbons Volatile Head Space	Base Neutrals	Total Phos (P)/ NH_3	TSS, TDS, SO_4	Dissolved Lead	HPC	Nitrate Nitrogen	Nitrite Nitrogen		(6) Remarks
RB-01	11/9/06	0830	X			X		15	X	X	X	X	X	X	X	X		Total lead BW 11/10/06
MW-30S	11/9/06	0807	X			X		15	X	X	X	X	X	X	X	X		
MW-29S	11/9/06	1053	X			X		15	X	X	X	X	X	X	X	X		
RB-02	11/9/06	1200	X			X		15	X	X	X	X	X	X	X	X		Total lead BW 11/10/06
TB-05	11/9/06	—	—			X		2	X	X								BTEX ONLY
SW-D-3	11/9/06	0945	X			X		5	X	X								BTEX & DEHP
SW-D-2	11/9/06	1010	X			X		5	X	X								" "
SW-D-1	11/9/06	1020	X			X		5	X	X								" "
SW-D-4	11/9/06	1035	X			X		5	X	X								" "
RB-03	11/9/06	1050	X			X		5	X	X								BTEX & DEHP

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 2 weeks
Rush results requested by (please circle): Phone Fax E-mail
Phone #: Fax #:
E-mail address:

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Bottle Storage	11/6/06	06:15	Tony [illegible]	11/6/06	06:15
Kelly McFarlin	11/9/06	1330	Robert Stern	11/9/06	13:30
Robert Stern	11/9/06	19:30			
			[illegible]	11-9-06	1930

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

608-831-4444

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1013220. Samples arrived at the laboratory on Tuesday, November 07, 2006. The PO# for this group is 6527.18.

Client Description	Lancaster Labs Number
DRC-2 Grab Water Sample	4909834
SW-D-5 Grab Water Sample	4909835
SW-R-1 Unspiked Grab Water Sample	4909836
SW-R-1 Matrix Spike Grab Water Sample	4909837
SW-R-1 Matrix Spike Dup Grab Water Sample	4909838
SW-R-2 Grab Water Sample	4909839
SW-R-3 Grab Water Sample	4909840
SW-R-4 Grab Water Sample	4909841
SW-R-6 Grab Water Sample	4909842
SW-R-5 Grab Water Sample	4909843
DUP-03 Grab Water Sample	4909844
TB-01 Water Sample	4909845

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO	RMT, Inc.	Attn: Nicholas J. Clevett
1 COPY TO	Data Package Group	

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

Valerie L. Tomayko
Group Leader

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909834

DRC-2 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/06/2006 15:45 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 03:02
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

DRC2- SDG#: LEC63-01

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	1.9	J	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	0.5	J	0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.		0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/11/2006 00:31	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/10/2006 05:01	Barton C Conner	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 16:45	JoElla L Rice	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909835

SW-D-5 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/06/2006 16:00 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 03:02
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWD5- SDG#: LEC63-02

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	0.8	J	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	0.2	J	0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.		0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/11/2006 01:03	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/10/2006 17:19	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 16:45	JoElla L Rice	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909836

SW-R-1 Unspiked Grab Water Sample
L.E. Carpenter, NJ

Collected:11/06/2006 16:20 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 03:02
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWR1- SDG#: LEC63-03BKG

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	1.1	J	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	0.2	J	0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.		1.	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/11/2006 01:36	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/09/2006 20:42	Barton C Conner	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 16:45	JoElla L Rice	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909837

SW-R-1 Matrix Spike Grab Water Sample
L.E. Carpenter, NJ

Collected:11/06/2006 16:20 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 03:02
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWR1- SDG#: LEC63-03MS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	68.	0.6	ug/l	1
07029	Benzene	71-43-2	22.	0.2	ug/l	1
07030	Toluene	108-88-3	22.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	23.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	91.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/11/2006 02:08	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/09/2006 21:38	Barton C Conner	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 16:45	JoElla L Rice	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909838

SW-R-1 Matrix Spike Dup Grab Water Sample
L.E. Carpenter, NJ

Collected:11/06/2006 16:20 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 03:02
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWR1- SDG#: LEC63-03MSD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	63.	0.6	ug/l	1
07029	Benzene	71-43-2	20.	0.2	ug/l	1
07030	Toluene	108-88-3	21.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	21.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	90.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/11/2006 02:40	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/09/2006 22:33	Barton C Conner	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 16:45	JoElla L Rice	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909839

SW-R-2 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/06/2006 16:30 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 03:02
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWR2- SDG#: LEC63-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/11/2006 03:13	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/10/2006 18:14	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 16:45	JoElla L Rice	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909840

SW-R-3 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/06/2006 16:45 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 03:02
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWR3- SDG#: LEC63-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/11/2006 03:45	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/10/2006 19:09	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 16:45	JoElla L Rice	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909841

SW-R-4 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/06/2006 16:55 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 03:02
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWR4- SDG#: LEC63-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/11/2006 04:17	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/10/2006 20:04	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 16:45	JoElla L Rice	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909842

SW-R-6 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/06/2006 17:10 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 03:02
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWR6- SDG#: LEC63-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/11/2006 04:49	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/10/2006 21:00	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 16:45	JoElla L Rice	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909843

SW-R-5 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/06/2006 17:20 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 03:02
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWR5- SDG#: LEC63-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 13:28	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/10/2006 21:55	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 16:45	JoElla L Rice	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909844

DUP-03 Grab Water Sample
L.E. Carpenter, NJ

Collected:11/06/2006 by EV

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 03:02
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

SWDP3 SDG#: LEC63-09FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 14:00	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	11/10/2006 22:50	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/08/2006 16:45	JoElla L Rice	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4909845

TB-01 Water Sample
L.E. Carpenter, NJ

Collected:11/06/2006

Account Number: 09322

Submitted: 11/07/2006 16:25
Reported: 11/17/2006 at 03:02
Discard: 12/18/2006

RMT, Inc.
PO Box 8923
Madison WI 53708-8923

TB01- SDG#: LEC63-10TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1

State of New Jersey Lab Certification No. PA011

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	11/13/2006 12:23	Steven A Skiles	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1013220
Reported: 11/17/06 at 03:02 AM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06312A15A	Sample number(s): 4909834-4909842							
Total Xylenes	N.D.	0.6	ug/l	99	96	82-120	3	30
Benzene	N.D.	0.2	ug/l	98	95	86-119	3	30
Toluene	N.D.	0.2	ug/l	99	96	82-119	3	30
Ethylbenzene	N.D.	0.2	ug/l	99	96	81-119	3	30
Batch number: 06312WAA625	Sample number(s): 4909834-4909844							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	83		68-111		
Batch number: 06316A15A	Sample number(s): 4909843-4909845							
Total Xylenes	N.D.	0.6	ug/l	105	100	82-120	5	30
Benzene	N.D.	0.2	ug/l	103	98	86-119	5	30
Toluene	N.D.	0.2	ug/l	105	100	82-119	5	30
Ethylbenzene	N.D.	0.2	ug/l	105	99	81-119	6	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06312A15A	Sample number(s): 4909834-4909842 UNSPK: 4909836								
Total Xylenes	112	103	84-131	8	30				
Benzene	110	102	78-131	7	30				
Toluene	111	103	78-129	8	30				
Ethylbenzene	113	103	75-133	9	30				
Batch number: 06312WAA625	Sample number(s): 4909834-4909844 UNSPK: 4909836								
bis(2-Ethylhexyl)phthalate	91	90	77-106	1	30				
Batch number: 06316A15A	Sample number(s): 4909843-4909845 UNSPK: 4909843								
Total Xylenes	96		84-131						
Benzene	95		78-131						
Toluene	96		78-129						
Ethylbenzene	97		75-133						

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/17/06 at 03:02 AM

Group Number: 1013220

Surrogate Quality Control

Analysis Name: BTEX (EPA 602)
Batch number: 06312A15A

	Trifluorotoluene-P
4909834	97
4909835	98
4909836	98
4909837	98
4909838	98
4909839	98
4909840	98
4909841	99
4909842	99
Blank	98
LCS	99
LCSD	99
MS	98
MSD	98
Limits:	69-129

Analysis Name: Base Neutrals
Batch number: 06312WAA625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4909834	73	79	84
4909835	75	79	84
4909836	72	76	89
4909837	80	82	84
4909838	80	82	85
4909839	75	79	90
4909840	77	81	79
4909841	77	79	91
4909842	75	81	90
4909843	75	82	86
4909844	80	83	86
Blank	77	70	88
LCS	79	75	89
MS	80	82	84
MSD	80	82	85
Limits:	48-117	60-114	43-136

Analysis Name: BTEX (EPA 602)
Batch number: 06316A15A

	Trifluorotoluene-P
4909843	100
4909844	100
4909845	99
Blank	100
LCS	100
LCSD	99
MS	100
Limits:	69-129

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/17/06 at 03:02 AM

Group Number: 1013220

Surrogate Quality Control

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Request, Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 1013220 Sample # 4909834-45

COC # 0137349

temp 0.9-2.7°C

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only
FSC:
SCR#:

(1)
Client: RMT Inc Acct. #:
Project Name/#: L.E. Carpenter PWSID #:
Project Manager: N. Clevett P.O.#: 6527.18
Sampler: E. Vincke / K. McFarlin Quote #:
Name of state where samples were collected: NJ

(2) (3) (4) (5) (6)

Preservation Codes: H, O

Preservation Codes: H=HCl, T=Thiosulfate, N=HNO_3, B=NaOH, S=H_2SO_4, O=Other

Sample Identification	Date Collected	Time Collected						BTEX	Base Neutrals							Remarks
DRC-2	11/6/06	1545	X			X	5	X	X							
SW-D-5	11/6/06	1600	X			X	5	X	X							
SW-R-1	11/6/06	1620	X			X	10	X	X							MS/MSD
SW-R-2	11/6/06	1630	X			X	5	X	X							
SW-R-3	11/6/06	1645	X			X	5	X	X							
SW-R-4	11/6/06	1655	X			X	5	X	X							
SW-R-6	11/6/06	1710	X			X	5	X	X							
SW-R-5	11/6/06	1720	X			X	5	X	X							
DUP-03	11/6/06	—	X			X	5	X	X							
TB-01	11/6/06	—				X	3	X								

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 2 wks
Rush results requested by (please circle): Phone Fax E-mail
Phone #: Fax #:
E-mail address:

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
E. Vincke	11/7/06	12:50	L Bewley	11/7/06	12:50
L Bewley	11/7/06	16:25			
			Dave Splain	11-7-06	1625

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

Appendix E
Project Schedule

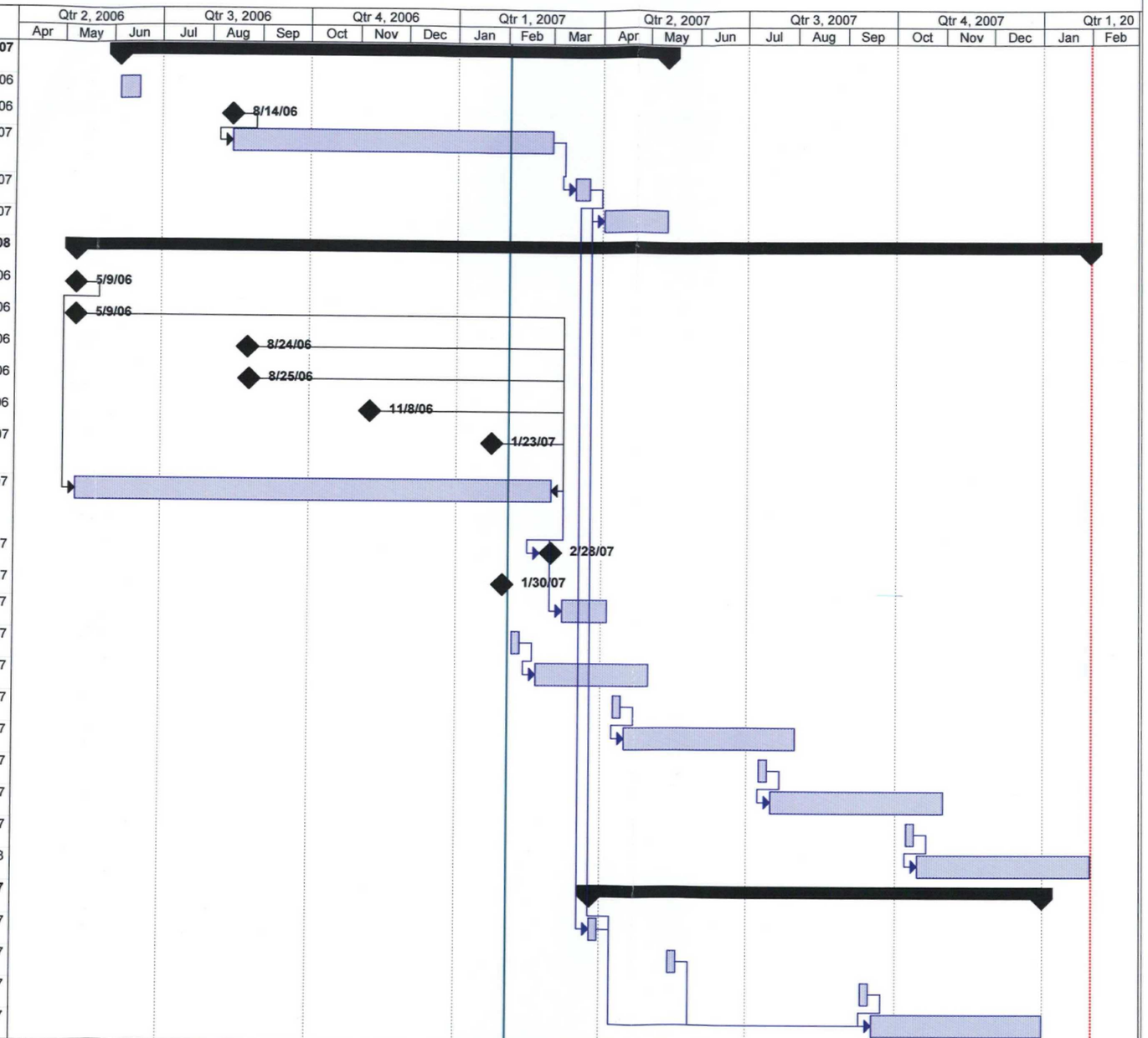
Activites Projected From 4Q06 through 4Q07

L. E. Carpenter & Company ~ WHARTON NJ

PROJECT SCHEDULE

USEPA ID No. NJD002168748

ID	Task Name	Duration	Start	Finish
1	**PRMP IMPLEMENTATION**	**245 days**	**Mon 6/5/06**	**Fri 5/11/07**
2	Partial Field Implementation and Documentation of the PRMP	10 days	Mon 6/5/06	Fri 6/16/06
3	GP-14 Permit Application Submittal to NJDEP LURP	0 days	Mon 8/14/06	Mon 8/14/06
4	NJDEP LURP GP-14 Completeness and Technical Review, Communications, Stream Encroachment Permit Addendum, and GP-14 and Stream Encroachment Permit Approvals	143 days	Mon 8/14/06	Wed 2/28/07
5	Installation of Wetland Wells (MW-31S - MW-35S) Final PRMP Field Implementation	7 days	Thu 3/15/07	Fri 3/23/07
6	Preparation and Submittal of the Final PRMP Implementation Report	30 days	Mon 4/2/07	Fri 5/11/07
7	**1986 ACO REQUIRED QUARTERLY MONITORING & REPORTING**	**452 days**	**Tue 5/9/06**	**Wed 1/30/08**
8	Submit 1Q06 Monitoring Report [w/RMT Response to PMP Comments]	0 days	Tue 5/9/06	Tue 5/9/06
9	Submit the MW19/Hot Spot 1 Soil Gas Investigation Report	0 days	Tue 5/9/06	Tue 5/9/06
10	Submit 2Q06 Monitoring Report	0 days	Thu 8/24/06	Thu 8/24/06
11	Submit RMT Response Document [RAR Source Reduction Comments] (Aug 25, 2006)	0 days	Fri 8/25/06	Fri 8/25/06
12	Submit 3Q06 Monitoring Report	0 days	Wed 11/8/06	Wed 11/8/06
13	RMT & NJDEP Phone Conversation and Project Status Update [N. Clevett & G. Savary] - Submittal Reviews, Wetland Area Wells and Permitting, & Grace Period Rules	0 days	Tue 1/23/07	Tue 1/23/07
14	NJDEP & USEPA Review of 1Q06, 2Q06, 3Q06 Quarterly Monitoring Reports; MW19/Hot Spot 1 Soil Gas Investigation (May 2006), RMT Response Document [RAR Source Reduction Comments] (Aug 25, 2006), RMT Response Document [PRMP Comments] (1Q06 Monitoring Report)	212 days	Tue 5/9/06	Wed 2/28/07
[illegible]	Receipt of NJDEP Comments on Task 14 Deliverables	0 days	Wed 2/28/07	Wed 2/28/07
16	Submit Remedial Action Progress Report [4Q06]	0 days	Tue 1/30/07	Tue 1/30/07
17	Response submittals to NJDEP & USEPA Comments on Task 15 Documents	20 days	Thu 3/8/07	Wed 4/4/07
18	Conduct 1Q07 Monitoring Event	5 days	Mon 2/5/07	Fri 2/9/07
19	Prepare & Submit 1Q07 Remedial Action Progress Report	50 days	Tue 2/20/07	Mon 4/30/07
20	Conduct 2Q07 Monitoring Event	5 days	Mon 4/9/07	Fri 4/13/07
21	Prepare & Submit 2Q07 Remedial Action Progress Report	76 days	Mon 4/16/07	Mon 7/30/07
22	Conduct 3Q07 Monitoring Event	5 days	Mon 7/9/07	Fri 7/13/07
23	Submit 3Q07 Remedial Action Progress Report	77 days	Mon 7/16/07	Tue 10/30/07
24	Conduct 4Q07 Monitoring Event	5 days	Mon 10/8/07	Fri 10/12/07
25	Submit 4Q07 Remedial Action Progress Report	78 days	Mon 10/15/07	Wed 1/30/08
26	**2007 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**201 days**	**Mon 3/26/07**	**Mon 12/31/07**
27	PRMP Implementation Wetland Restoration Activities [Mounds and Disturbed Areas]	5 days	Mon 3/26/07	Fri 3/30/07
28	Spring 2007 Monitoring & Invasive Species Control Event	5 days	Mon 5/14/07	Fri 5/18/07
29	Fall 2007 Monitoring & Invasive Species Control Event	5 days	Mon 9/10/07	Fri 9/14/07
30	2007 Annual Wetland Monitoring Report Preparation and Submittal	76 days	Mon 9/17/07	Mon 12/31/07



Fri [illegible]/07

Task | Split | Progress | Milestone | Summary | Rolled Up Task | Rolled Up Split | Rolled Up Milestone | Rolled Up Progress | External Tasks | Project Summary | External Milestone | Deadline

edays: elapsed days or calendar days

i:\wpgrm\pjt\00-03868\37\4Q06-Appendix E.mpp
Fri 2/2/07