RMT

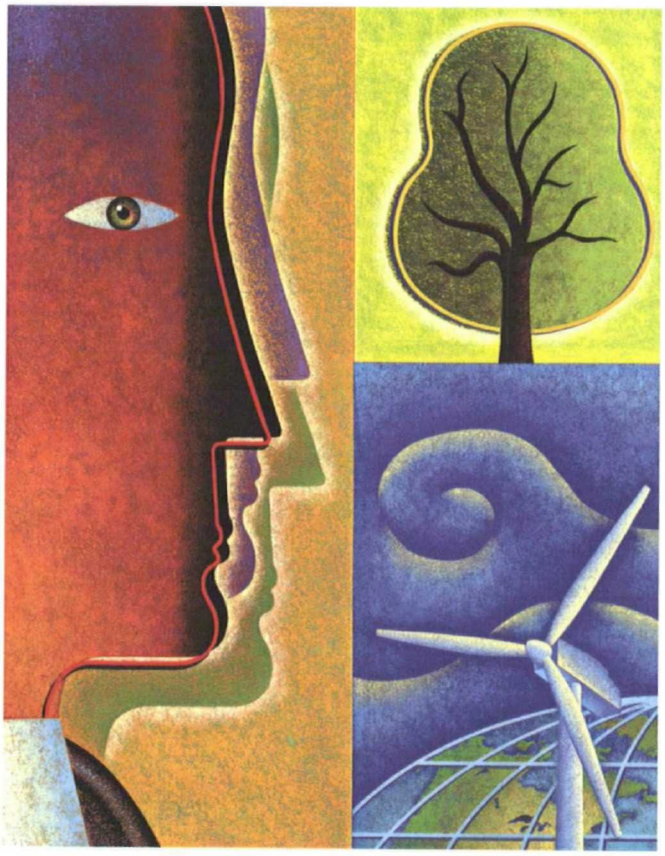
• ENVIRONMENT • ENERGY • ENGINEERING

Remedial Action Progress Report (RAPR)
4th Quarter 2008

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

USEPA ID No. NJD002168748

January 2009



280053

CREATING BALANCE℠

RMT

• ENVIRONMENT • ENERGY • ENGINEERING

Remedial Action Progress Report (RAPR)
4th Quarter 2008

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

USEPA ID No. NJD002168748

January 2009

Nicholas J. Clevett
Senior Project Manager

James J. Dexter, C.P.G.
Senior Project Hydrogeologist

Jennifer Overvoorde
Project Geologist

© 2008 RMT, Inc.
All Rights Reserved

Table of Contents

1. Introduction 1-1

2. MW-19/Hot Spot 1 Area of Concern (AOC) 2-1
   - 2.1 Sampling Methodology 2-1
   - 2.2 Groundwater Elevations and Flow Direction 2-2
   - 2.3 Delineation of Groundwater Contamination 2-3
     - 2.3.1 Contaminants of Concern (COC) 2-3
     - 2.3.2 MNA Parameters and Data Analysis 2-4

3. Source Reduction Area of Concern (AOC) 3-1

4. Surface Water Area of Concern (AOC) 4-1
   - 4.1 Eastern Drainage Channel 4-1
   - 4.2 Rockaway River 4-1

5. Additional and Future Project Activities 5-1
   - 5.1 MW-30 Source Area RIW 5-1
   - 5.2 MW19/Hot Spot 1 Soil Gas Investigation and RASR 5-1
   - 5.3 Wetland Monitoring, Invasive Species Control, and Reporting 5-2

List of Tables

Table 1	Quarterly Groundwater Elevations
Table 2	Groundwater Monitoring Data
Table 3	Quarterly Groundwater Monitoring MNA Analytical Data
Table 4	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	Site Wide Shallow Aquifer Groundwater Contour Map [4Q08]
Figure 4	MW19/Hot Spot 1 Shallow Aquifer Groundwater Contour Map [4Q08]
Figure 5	MW19/Hot Spot 1 Shallow Aquifer Isoconcentration Map [4Q08]

List of Appendices

Appendix A	Report Certification
Appendix B	Field Data Forms
Appendix C	4th Quarter 2008 Laboratory Analytical Report
Appendix D	BTEX Concentration Trend Charts
Appendix E	Photographic Summary
Appendix F	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 are performed, and associated progress reports completed and submitted to the United States Environmental Protection Agency (USEPA) 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 2008 (4Q08), 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 (MW19HS1) area and source reduction 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 4Q08:

- Quarterly groundwater and surface water monitoring within the MW19/Hot Spot 1 area, the source reduction area, the wetland 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 other regulatory correspondence (Reference Sections 2, 3, 4, and 5).

Discussion of these activities is provided in the referenced sections, with specific results summarized for each of the three (3) monitored areas of concern (AOC) as follows:

- MW19/Hot Spot 1: Data continues to show that intrinsic bioremediation processes are strong and actively working to break down benzene, toluene, ethylbenzene, and xylenes (BTEX) components related to residual soil contamination. Contamination is limited to the site and the area of dissolved-phase groundwater contamination is apparently reducing over time. However, following receipt of the NJDEP Notice of Deficiency (NOD) dated October 16, 2008, regarding regulatory review of the September 2007 Remedial Action Selection Report (RASR), further delineation of residual soil contamination [lateral and vertical extent] was presented to both USEPA and NJDEP in the Remedial Investigation Workplan (RIW) dated November 14, 2008. Subsequent discussions with USEPA regarding

the MW19HS1 area resulted in the submittal of a Letter of Intent (LOI) (RMT, January 5, 2009). The LOI outlined a more streamlined approach to remediating the MW19HS1 area by combining the investigative and remedial measures proposed in the November 2008 RIW and September 2007 RASR, respectively. Specifically, the LOI proposed concurrent implementation of investigation and remediation, and focused the remedial alternative on soil excavation only. Following regulatory communications to proceed, RMT will prepare and submit a Remedial Design/Remedial Action (RD/RA) report for the MW19HS1 area to USEPA for review and approval.

- MW-30 Area (Eastern Source Area): 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. The effect of the buried slurry monolith on groundwater flow is very limited in extent and occurs mainly along the edges of the excavation area. Specifically, the presence of the monolith does not change the overall horizontal component of flow direction towards the drainage ditch, the wetland area, and the river. Dissolved phase contaminant concentrations were detected at a number of source area PRMP monitoring locations in 4Q08. A thin measurable thickness of Light Non Aqueous Phase Liquid (LNAPL) was previously detected at one wetland monitoring well; however, it was not detected during the 4Q08 monitoring event.

  In August 2008, RMT submitted a Remedial Investigation Workplan (RIW) to further evaluate concentrations and LNAPL remaining in this area. The RIW was prepared and submitted to satisfy the requirements outlined in NJDEP's NOD letter received on June 25, 2008, following review and comment on previous quarterly RAPRs. USEPA comments on the August 2008 MW-30 Source Area RIW were received January 22, 2009. RMT and LEC are in the process of reviewing USEPA's comments, and anticipate further communications regarding response and RIW implementation in 1Q09.

Surface Water: Rockaway River samples show non-detect for all COCs. Surface water samples from the ditch show DEHP above New Jersey Groundwater Quality Standard (NJGQS) at locations SW-D-2 and SW-D-5, and non-detect at all locations for BTEX.

Section 2
MW-19/Hot Spot 1 Area of Concern (AOC)

A comprehensive investigative and remedial history of the MW19/Hot Spot 1 AOC is presented in the 4th Quarter 2007 RAPR. As outlined in the 4Q07 RAPR, the MW19/Hot Spot 1 AOC has been under investigation since the early 1980s. Activities began with subsurface investigation and subsequent removal of two underground storage tanks (USTs) that provided bulk liquid waste storage for former operations in Building 9. Long-term monitoring and investigation of groundwater quality within the area, and a soil gas (2006) investigation, showed that naturally occurring biodegradation is occurring, resulting in a stable dissolved phase "plume" that is slowly shrinking over time, and does not pose a risk to the residences on the north side of Ross Street.

In the June 20, 2007, NOD pertaining to review of the May 2006 Soil Gas Investigation Report, NJDEP stated that the extended time frame for degradation of dissolved phase groundwater contamination post source removal [USTs and surrounding soils] suggests that residual source material remains and must be addressed, and that proposed remedial measures be presented in a Remedial Action Selection Report (RASR). To support preparation of the RASR, RMT performed an investigation of potential residual source material in August 2007. Results of this investigation and a proposed remedial approach were presented in the RASR submitted to NJDEP and USEPA for review in September 2007. Data from the August investigation showed residual source material was present within the vadose zone soils, which suggests reductions in groundwater concentrations via natural attenuation could take many years before achieving appropriate cleanup levels. Subsequently, the RASR outlined a combination of vadose zone excavation coupled with a polishing step of mechanical blending of chemical oxidants in the saturated zone to expedite cleanup of the dissolved phase constituents identified in the 2007 investigation.

However, as outlined in Section 1, LEC and USEPA are currently discussing concurrent implementation of the MW19HS1 area investigation and remediation, and focusing the remedial alternative for this area on soil excavation only. An RD/RA detailing this approach, with field delineation and confirmatory post-excavation sampling, will be submitted to the USEPA for review and approval.

2.1 Sampling Methodology

RMT conducted the 4Q08 groundwater monitoring activities October 27 through October 30, 2008. Groundwater monitoring was performed 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 Monitored Natural Attenuation (MNA) work plan. The MNA work plan was approved by NJDEP on January 24, 2002. A site plan showing current conditions and locations of the monitoring points 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 revised Quality Assurance Project Plan (QAPP) presented as Appendix C in the PRMP.

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. A blind duplicate specific to MW19HS1 area groundwater quality was collected from monitoring well MW-19-7 (Dup-02) and was analyzed for BTEX, bis (2-ethylhexyl) phthalate (DEHP) and MNA parameters. Rinsate blank RB-02 and RB-03 were collected by circulating distilled water through the cleaned bladder pump assemblies to verify that decontamination procedures were adequate. Rinsate blank RB-01 was collected by circulating distilled water in a clean stainless steel sampling scoop. 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 distilled water, 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 (Lancaster), located in Lancaster, Pennsylvania for BTEX, DEHP, and MNA parameter analyses (State of New Jersey Lab Certification No. PA011).

2.2 Groundwater Elevations and Flow Direction

RMT measured static groundwater levels within 37 groundwater monitoring wells on October 27, 2008 as part of the sampling activities. In addition, surface water levels were measured at 8 separate locations along the Rockaway River and 5 locations along the drainage ditch. These data were used to calculate groundwater elevations with respect to the National Geodetic Vertical Datum (NGVD), and evaluate the groundwater flow pattern in the shallow aquifer system. Groundwater elevations summarized on Table 1 were used to prepare a site-wide shallow groundwater contour map (Figure 3).

Eleven (11) groundwater elevations calculated from depth to groundwater data (Table 1) were utilized to create the MW19/Hot Spot 1 shallow groundwater contours and flow direction depicted on Figure 4. Shallow groundwater flow direction in the MW19/Hot Spot 1 area is

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 Valley Regional Sewer Authority (RVRSA) storm sewer line that runs west to east down Ross Street locally influences groundwater flow north and south of the utility corridor.

Groundwater elevation data obtained for the MW-19/Hot Spot 1 area wells continues to show that MW-19-12 is directly downgradient from the leading edge of residual groundwater contamination (Figures 4 and 5). In addition, MW-19-7 is also directly downgradient from the leading edge of the plume, and has been non-detect or below criteria since February 2007. The 4Q08 groundwater sample laboratory test results (Table 2) for MW-19-7 and MW-19-12 show no detectable constituents of concern (COCs), and Figure 4 shows that no COCs are migrating past the site property line. These data, coupled with the fact that groundwater flow north of the RVRSA utility corridor is south towards the LEC site and that the vertical component of groundwater flow is upwards (compare water levels in MW-19-9D with that in MW-19-6), confirms that residual groundwater contamination is not migrating to the north of Ross Street.

2.3 Delineation of Groundwater Contamination

2.3.1 Contaminants of Concern (COC)

Table 2 summarizes BTEX and DEHP concentrations for all of the seven (7) currently sampled MW19/Hot Spot 1 groundwater monitoring wells. The lateral distribution of total BTEX concentrations in the MW-19/Hot Spot 1 Area is shown on Figure 5. RMT sampled groundwater from the MW19/Hot Spot 1 monitoring wells on October 28 and 29, 2008. Corresponding field sampling data and analytical laboratory reports are presented in Appendix B and Appendix C, respectively.

The higher of the Class IIA New Jersey Groundwater Quality Standard (C2A NJGWQS) for DEHP (2 μg/L) and Practical Quantitation Limit (PQL) (3 μg/L) was not exceeded in any of the MW-19/Hot Spot 1 area monitoring wells sampled during the 4Q08 monitoring event.

Benzene, toluene, ethylbenzene and total xylenes exceeded the higher of the C2A NJGWQS and PQL of 1 μg/L, 1000 μg/L, 700 μg/L and 1000 μg/L, respectively, in groundwater collected from MW-19. The samples collected from MW-19-5 and GEI-2S had detections of toluene, ethylbenzene, and total xylenes; however the concentrations did not exceed the higher of the C2A NJGWQS and PQL. Benzene was also detected in GEI-2S but did not exceed the higher of the C2A NJGWQS and PQL.

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 continue to show that MW-19-12 is downgradient of MW-19-7, and that no BTEX or DEHP were detected in MW-19-12. In fact, the "plume" of dissolved phase constituents of concern appears to have shrunk because no exceedences of NJGWQS have occurred in this well since February 2007. As shown on Figure 5, this indicates that existing residual groundwater contamination in the MW-19/Hot Spot 1 area is very limited in extent and poses no risk to residences on the north side of Ross Street.

Figure 5 shows isoconcentration contours for total BTEX concentrations in parts per million (ppm or mg/L). The contours were constructed by taking into account total concentrations together with particle flow-paths that are perpendicular to the groundwater elevation contours. The distribution of total BTEX defined by the isoconcentration contours is consistent with the predominant lateral component of groundwater flow direction defined by the groundwater elevation contours.

The lack of downward migration of COCs is evidenced by historical groundwater elevation data that shows consistent upward vertical hydraulic gradients in the MW-19 area and in all other former and existing deep/shallow well clusters across the site. Site-wide upward hydraulic gradients would be expected because of the regional hydrogeologic features; specifically the upward gradient is a function of the regional groundwater discharge to the Rockaway River system. 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. A historical lack of detectable constituents in MW-19-D further verifies that LNAPL constituents are not migrating to residency along the north side at Ross Street.

2.3.2 MNA Parameters and Data Analysis

Tables 3 and 4 summarize the MNA laboratory analytical and field data, respectively. Sampling and testing was done in accordance with approved 2001 MNA workplan.

Natural attenuation (NA) 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 based on results of NA parameter testing (described in more detail below), intrinsic bioremediation is active at the site.

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 Area is gradually reducing in size. For example at the upgradient edge of residual soil contamination, MW-19 shows evidence of overall 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. In addition, as described above, concentrations of MW19-7 show that no COCs above NJGWQS have migrated to this well since February 2007.

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. These data, together with the trend to non-detect total BTEX concentrations in MW-19-7 and MW-19-12, indicate that biodegradation of BTEX compounds reaches completion near MW-19-7.

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.

Although the residual soil contamination is limited in extent, and the area of dissolved-phase groundwater contamination is reducing over time it, it could take many years before achieving acceptable cleanup levels. As outlined in Section 1 and Section 2, LEC and USEPA are discussing a more streamlined approach to remediating the MW19HS1 area by combining the investigative and remedial measures proposed in the November

2008 RIW and September 2007 RASR, respectively, and focusing the remedial alternative on soil excavation only. Following regulatory communications to proceed, RMT will prepare and submit a Remedial Design/Remedial Action (RD/RA) report for the MW19HS1 area to USEPA for review and approval.

Section 3
Source Reduction Area of Concern (AOC)

The 4Q08 monitoring event marks the third time that all of the wells specified in the PRMP have been sampled. The 4Q08 sampling event is the eleventh event for the source area monitoring wells installed in June 2006. This long period of time since sampling and testing the 2006 wells began was a result of the more than two year period of time it took for the New Jersey LURP to approve the GP-14 and Stream Encroachment Permit applications.

Site-wide shallow groundwater contours and associated flow pattern are shown on Figure 3. 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 approximate flow direction arrows on Figure 3). 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 occasional low detections of COCs in some of the ditch surface water samples (see Section 5).

Note that the groundwater contour map also shows the effect of the buried slurry monolith on groundwater flow, and that effect is very limited in extent, mainly along the edges of the excavation area. Specifically, the area of the monolith can be approximated by the shape of the low swale roughly defined by the 629-foot ground elevation contour, and the inferred 625-foot groundwater contour roughly mimics the shape of that swale. The presence of the monolith does not change the overall horizontal component of flow direction, which as shown on Figure 3 and described above is directed towards the ditch, the wetland area, and the river.

The analytical results from all monitoring events are summarized in Tables 2 through 5. The shallow wells that lie within the central (MW-28 cluster) and downgradient (MW-30 cluster) portions of the source reduction area both have screens that were placed directly below the slurry monolith floor. At both locations, deeper intermediate monitoring wells MW-28i and MW-30i were installed just below the shallow well and screened approximately 5 feet below the bottom of the shallow well screen; 15 to 20 ft bgs and 10 to 15 ft bgs, respectively.

In 4Q08 low levels of dissolved groundwater contamination continue to be found in the source reduction area interior monitoring wells MW-28s and MW-28i (Table 2). The concentrations of dissolved ethylbenzene, and xylene appear to be generally decreasing over time in the MW-28 well cluster. In fact, no BTEX constituents are present at levels that exceed current NJGWQS. Dissolved DEHP increased at the MW-28s and MW-28i during 4Q08, but the overall trend is a decrease in DEHP concentration.

Site contaminants of concern also continue to be found dissolved in groundwater from source reduction area downgradient well MW-30s. However, only DEHP remains above NJGWQS; all BTEX have been either detected or below NJGWQS for the last three sampling events. The trend of DEHP in well MW-30s, while fluctuating somewhat from quarter to quarter, appears to be generally downward. For the past seven events, no contaminants have been detected in wells MW-30i and MW-30d, with the exception of two small detections of DEHP in MW-30i over that time period, just above the detection limit. This indicates that the vertical extent of site constituents of concern in the vicinity of the MW-30 cluster is limited to only the top five feet or less of the shallow water table (within the first five feet of aquifer immediately below the slurry monolith).

Because of the fluctuating concentrations of DEHP in MW-30s, RMT prepared a Remedial Investigation Workplan (RIW) to further evaluate concentrations remaining in this area. This RIW was prepared to satisfy the requirements outlined in NJDEP's NOD letter received on June 25, 2008.

As part of the 4Q08 sampling event, RMT also sampled the five (5) wetland area wells (MW-31s, MW-32s, MW-33s, MW-34s, and MW-35s) for groundwater quality. The location of these wells, with respect to the source reduction and wetland areas, are shown on Figures 2 & 3. Monitoring well MW-31s is located on the southern edge of the ditch where it bends around the Air Products property. Monitoring well MW-32s is south of MW-31s and is midway between the ditch and the Rockaway River. Monitoring well MW-33s is west-southwest of MW-32s and located near the entrance to the wetland area just off the northern bank of the Rockaway River. Monitoring well MW-34s is southeast of MW-32s. Monitoring well MW-35s is east of MW-34s, just upgradient from the river edge location where product sheen had been previously observed (before the source reduction) to be migrating directly into the river.

During 4Q08, groundwater samples collected from all of the wetland area wells had concentrations of DEHP above the higher of the C2A NJGWQS and PQL. Groundwater samples collected from MW-31s, MW-32s and MW-35s also contained concentrations of ethylbenzene and total xylenes significantly above the higher of the C2A NJGWQS and PQL (Table 2). Benzene was above the higher of the C2A NJGWQS and PQL at MW-32s, MW-33s and MW-35s (Table 2). Low levels of dissolved groundwater contamination were found in

shallow monitoring wells MW-34s (Table 2). The concentration trends of dissolved benzene, ethylbenzene, and xylenes will continue to be carefully monitored. Furthermore, additional investigations to determine nature and extent is proposed for this area as addressed in the RIW. The work that was proposed in the RIW will focus on gathering data that will be used to develop a means to prevent further discharge of groundwater contamination into the ditch and Rockaway River.

Based on the site wide groundwater flow map (Figure 3), the receptor downgradient from the central portion of the source reduction area represented by results from the MW-28 cluster is the drainage ditch. Groundwater from other portions of the source reduction area flows towards the wetland area and the Rockaway River.

Surface water elevation data for the man-made drainage ditch is consistent with its current configuration as a U-shaped "linear" pond formed as a result of a beaver dam (Figures 2 and 3).

Section 4
Surface Water Area of Concern (AOC)

The Rockaway River adjacent and downstream from the LEC site is classified as a Category 1 fresh water trout maintenance stream [Ref. Surface Water Quality Standard Reference: N.J.A.C 7:9B October 2006; (Dover) - Washington Pond outlet downstream to Rt. 46 bridge; FW2-TM (C1)]. As such, RMT compared COC concentrations detected in the drainage ditch and Rockaway River samples against the NJ Surface Water Quality Criteria (NJSWQC) for Toxic Substances outlined in Section 7:9B-1.14(f) 7 of the Surface Water Quality Standard Reference.

4.1 Eastern Drainage Channel

As part of the 4Q08 event, RMT sampled five (5) points within the eastern drainage channel that separates the adjacent Air Products property from the LEC site and the adjacent Wharton Enterprises property for surface water quality. This sampling was conducted at the request of NJDEP as outlined in their letter dated March 23, 2005.

During the 4Q08 sampling event, 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 property 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 property 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, just above [north] the beaver dam. All surface water sample locations are shown on Figure 2. The laboratory analytical results for these drainage ditch samples are summarized on Table 5.

DEHP was detected above NJSWQC at SW-D-2 and SW-D-5. BTEX was not detected in any ditch sample.

4.2 Rockaway River

In addition to the drainage channel, RMT also collected seven (7) 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 was non-detect for DEHP and BTEX.

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 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 and SW-R-6, and Washington Forge Pond surface water sample SW-R-5 were non-detect for all COCs.

Another 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). This location represents the discharge point from the ditch/beaver pond into the Rockaway River. Similar to the other river samples collected, the "Ditch-River Confluence" sample DRC-2 was non-detect for BTEX and DEHP.

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 associated Quality Assurance Project Plan (QAPP).

Section 5
Additional and Future Project Activities

The following section briefly outlines additional activities completed in 4Q08 and activities anticipated for completion during 1Q09. The 1Q09 monitoring event was completed during the week of January 12, 2009. An updated Master Project Schedule is presented in Appendix I.

5.1 MW-30 Source Area RIW

On August 22, 2008, RMT submitted to NJDEP and USEPA a Remedial Investigation Workplan (RIW) regarding dissolved phase contamination entering the ditch and river. The RIW was submitted in response to the requirements outlined in NJDEP's Notice of Deficiency letter received on June 25, 2008. The RIW scope also addressed the delineation of LNAPL in the wetland area. USEPA comments on the August 2008 MW-30 Source Area RIW were received January 22, 2009. RMT and LEC are in the process of reviewing USEPA's comments, and anticipate further communications regarding response and RIW implementation in 1Q09.

5.2 MW19/Hot Spot 1 Soil Gas Investigation and RASR

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). During a January 23, 2007 phone conversation, NJDEP indicated that formal regulatory response following review of this report would be forwarded to both LEC and RMT by the end of February 2007. LEC received an NOD comment letter from the NJDEP, dated June 20, 2007. RMT, on behalf of LEC, prepared a request for a 45-day extension dated July 17, 2007 for the submittal of the Remedial Action Selection Report (RASR) outlined in the NJDEP NOD. NJDEP approved the 45-day extension. Subsequently, LEC performed a source area investigation and submitted the RASR to NJDEP and USEPA on September 4, 2007. NJDEP issued comments on the RASR in their NOD letter dated October 16, 2008. RMT, on behalf of LEC, prepared a Remedial Investigation Workplan (RIW) to address the NOD and submitted it to the NJDEP and USEPA on November 14, 2008.

Subsequent discussions with USEPA regarding the MW19HS1 area resulted in the submittal of a Letter of Intent (LOI) (RMT, January 5, 2009). The LOI outlined a more streamlined approach to remediating the MW19HS1 area by combining the investigative and remedial measures proposed in the November 2008 RIW and September 2007 RASR respectively. Specifically, the LOI proposed concurrent implementation of investigation and remediation, and focused the

remedial alternative on soil excavation only. Following regulatory communications to proceed, RMT will prepare and submit a Remedial Design/Remedial Action (RD/RA) report for the MW19HS1 area to USEPA for review and approval.

5.3 Wetland Monitoring, Invasive Species Control, and Reporting

The 2008 monitoring and invasive species control events were completed in the spring and fall of 2008. The annual report was submitted in December of 2008. Wetland monitoring and reporting will continue in 2009. 2009 is considered the fifth and final growing season where monitoring and reporting is required by the 2005 GP-4 wetlands permit. Wetland restoration, monitoring and reporting issues will be addressed with USEPA prior to implementation of the MW-30 Source Area RIW.

Tables

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	PRODUCT DEPTH	WATER DEPTH	PRODUCT ELEVATION	WATER ELEVATION	PRODUCT THICKNESS (FT)	CORRECTED WATER ELEVATION
GEI-2I	Piezometer	754573.99	470499.76	635.32	637.75	637.60	27-Oct-08		11.30	–	626.30		
GEI-2S	Piezometer	754566	470506.18	634.86	637.27	637.07	27-Oct-08		11.12	–	625.95		
GEI-3I	Piezometer	754311.79	470453.7	636.96	639.39	639.25	27-Oct-08		13.41	–	625.84		
MW-8	Monitoring Well	754099.29	471231.06	627.39	629.96	628.19	27-Oct-08		2.89	–	625.30		
MW-9	Monitoring Well	754075.94	471111.03	628.61	631.09	629.58	27-Oct-08		3.59	–	625.99		
MW-12S(R)	Monitoring Well	754035.97	471042.34	631.57	634.26	633.73	27-Oct-08		7.61	–	626.12		
MW-13S	Monitoring Well	754353.97	471370.04	627.74	630.80	630.63	27-Oct-08		5.15	–	625.48		
MW-13S(R)	Monitoring Well	754333.07	471365.71	627.66	630.36	629.99	27-Oct-08		NM	–	–		
MW-13I	Monitoring Well	754337.8	471360.31	627.76	630.28	630.06	27-Oct-08		5.13	–	624.93		
MW-15S	Monitoring Well	754326.58	470891.83	634.23	636.43	636.17	27-Oct-08		10.76	–	625.41		
MW-15I	Monitoring Well	754325.8	470901.47	634.14	636.28	636.06	27-Oct-08		10.86	–	625.20		
MW-17(S)	Monitoring Well	754109.68	470759.85	632.33	634.32	634.19	27-Oct-08		8.76	–	625.43		
MW-18S	Monitoring Well	754677.95	471117.26	627.62	630.88	630.66	27-Oct-08		5.42	–	625.24		
MW-18I	Monitoring Well	754675.11	471106.07	627.75	630.59	630.44	27-Oct-08		5.09	–	625.35		
MW-19	Monitoring Well	754337.15	470454.45	636.22	636.23	635.90	27-Oct-08		9.91	–	625.99		
MW-19-1	Monitoring Well	754334.32	470427.63	635.93	635.96	635.64	27-Oct-08		9.55	–	626.09		
MW-19-2	Monitoring Well	754351.81	470429.56	636.46	636.50	636.30	27-Oct-08		10.28	–	626.02		
MW-19-3	Monitoring Well	754339.4	470394.2	636.97	637.06	636.70	27-Oct-08		10.62	–	626.08		
MW-19-4	Monitoring Well	754305.39	470432.08	635.69	635.76	635.43	27-Oct-08		9.19	–	626.24		
MW-19-5	Monitoring Well	754365.53	470470.75	635.93	635.93	635.56	27-Oct-08		9.58	–	625.98		
MW-19-6	Monitoring Well	754378.87	470443.1	636.17	636.16	635.82	27-Oct-08		9.86	–	625.96		
MW-19-7	Monitoring Well	754395.66	470501.7	635.31	635.36	635.00	27-Oct-08		9.11	–	625.89		
MW-19-8	Monitoring Well	754617.42	470493.65	635.82	635.82	635.36	27-Oct-08		9.48	–	625.88		
MW-19-9D	Monitoring Well	754590	470442	636.39	636.41	636.10	27-Oct-08		9.66	–	626.44		
MW-19-10	Monitoring Well	754625.75	470590.81	634.72	634.81	634.43	27-Oct-08		NM-Abandoned	–	–		
MW-19-11	Monitoring Well	754617.45	470846.95	634.22	634.26	633.67	27-Oct-08		NM	–	–		
MW-19-12	Monitoring Well	754627.53	470529.72	634.93	634.93	634.46	27-Oct-08		8.79	–	625.67		
MW-21 (3)	Monitoring Well	754240.97	471645.78	624.57	628.49	628.20	27-Oct-08		3.63	–	624.57		
MW-25(R) (3)	Monitoring Well	754201.83	471518.21	624.65	626.77	626.62	27-Oct-08		2.35	–	624.27		
MW-27s	Monitoring Well	754253.78	470672.69	635.82	635.78	635.07	27-Oct-08		9.65	–	625.42		
MW-28S	Monitoring Well	754243.26	471034.34	628.20	631.28	631.14	27-Oct-08		6.25	–	624.89		
MW-28I	Monitoring Well	754242.87	471031.19	628.25	631.20	631.04	27-Oct-08		6.15	–	624.89		
MW-29S	Monitoring Well	754411.14	471187.35	629.94	632.83	632.66	27-Oct-08		7.86	–	624.80		
MW-30S	Monitoring Well	754281.65	471265.12	624.99	628.24	628.24	27-Oct-08		3.60	–	624.64		
MW-30I	Monitoring Well	754286.42	471263.15	625.14	628.15	628.01	27-Oct-08		3.36	–	624.65		
MW-30D	Monitoring Well	754290.05	471261.2	625.20	628.22	628.02	27-Oct-08		3.38	–	624.64		
MW-31S	Monitoring Well	754241.65	471341.5	627.94	630.00	629.82	27-Oct-08		5.12	–	624.70		
MW-32S	Monitoring Well	754207.08	471359.83	628.15	630.33	630.18	27-Oct-08		5.40	–	624.78		
MW-33S	Monitoring Well	754170.51	471311.04	628.85	631.06	630.91	27-Oct-08		5.91	–	625.00		
MW-34S	Monitoring Well	754178.83	471399.49	628.07	629.97	629.93	27-Oct-08		5.17	–	624.76		
MW-35S	Monitoring Well	754179.62	471445.17	627.43	629.59	629.19	27-Oct-08		4.61	–	624.58		
SG-R2 (3)	Rockaway River Monitoring Point	754056.10	470946.46	629.41	-	-	27-Oct-08		2.44	–	626.97		
SW-R-1 (4)	Rockaway River Monitoring Point	754125.56	471523.00	625.87	-	-	27-Oct-08		2.39	–	623.48		
SW-R-2 (4)	Rockaway River Monitoring Point	754112.82	471426.51	626.34	-	-	27-Oct-08		2.32	–	624.22		
SW-R-3 (4)	Rockaway River Monitoring Point	754149.30	471368.76	626.25	-	-	27-Oct-08		1.50	–	624.75		
SW-R-4 (4)	Rockaway River Monitoring Point	754088.00	471279.58	627.57	-	-	27-Oct-08		2.30	–	625.27		
SW-R-5 (4)	Rockaway River Monitoring Point	754314.04	470408.85	640.66	-	-	27-Oct-08		1.64	–	639.02		
SW-R-6 (4)	Rockaway River Monitoring Point	754071.52	470697.75	631.68	-	-	27-Oct-08		NM-damaged	–	–		
SW-D-1 (5)	Drainage Channel Staff Gauge	754428.36	471240.17	625.75	-	-	27-Oct-08		1.99	–	623.76		
SW-D-2 (5)	Drainage Channel Staff Gauge	754285.35	471361.22	626.07	-	-	27-Oct-08		2.24	–	623.83		
SW-D-3 (5)	Drainage Channel Staff Gauge	754381.23	471548.18	625.70	-	-	27-Oct-08		1.82	–	623.88		
SW-D-4	Drainage Channel Monitoring Point	754297.19	471292.08	624.93	-	-	27-Oct-08		1.08	–	623.85		
SW-D-5	Drainage Channel Monitoring Point	754223.14	471920.10	626.86	-	-	27-Oct-08		3.25	–	623.61		
DRC-2	Drainage Channel Monitoring Point	754117.49	471971.58	623.29	-	-	27-Oct-08		1.79	–	621.50		

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)
(7) Corrected water level elevations utilize an average specific gravity of 0.9363 (RMT, Inc. product samplig in October 1999)

MW-19

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
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	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	1,000	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	1,000	1,000	3
MW19							
Dilution factor for BTEX 2000	24-Feb-95	1	< [illegible]	[illegible]	[illegible]	[illegible]	NR
Dilution factor for BTEX 100	14-Jun-95	2	[illegible]	[illegible]	[illegible]	[illegible]	NS
Dilution factor 5000 for BTEX & 2 for DEHP; MDL for Benzene 1000 ug/l	24-Apr-98	2	< [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dilution factor for BTEX 500	2-Aug-01	3	< [illegible]	[illegible]	[illegible]	[illegible]	3
Dilution factor for BTEX 1000	6-Jun-02	2	< [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dilution factor for BTEX 100, Toluene 200	20-Nov-03	4	< [illegible]	[illegible]	[illegible]	[illegible]	J [illegible]
	15-Jun-04	2	< [illegible]	[illegible]	[illegible]	[illegible]	J [illegible]
Dilution factor for BTEX 100, Toluene 500	10-Aug-04	3	< [illegible]	[illegible]	[illegible]	[illegible]	J 2
Dilution factor for BTEX 50	13-Jan-05	1	< [illegible]	[illegible]	[illegible]	[illegible]	< 1
Lower Grab Water Sample; Dilution factor for BTEX 5	8-Apr-05	2	< 1	97	[illegible]	530	J 3
Upper Grab Water Sample; Dilution factor for Toluene 5	8-Apr-05	2	< 0.2	86.0	410.0	430.0	J 3.0
Dilution factor for BTEX 200	27-Jul-05	3	< [illegible]	[illegible]	[illegible]	[illegible]	J 2
Dilution factor for BTEX 100	27-Oct-05	4	< [illegible]	200	[illegible]	[illegible]	J [illegible]
Dilution factor for BTEX 250	28-Feb-06	1	< [illegible]	[illegible]	[illegible]	[illegible]	J 3
Dilution factor for BTEX 200	20-Jun-06	2	< [illegible]	[illegible]	[illegible]	[illegible]	J 3
Dilution factor for BTEX 200	13-Sep-06	3	< [illegible]	[illegible]	[illegible]	[illegible]	J 3
Dilution factor for BTEX 200	8-Nov-06	4	< [illegible]	[illegible]	[illegible]	[illegible]	J 2
Dilution factor for BTEX 500	8-Feb-07	1	< [illegible]	[illegible]	[illegible]	[illegible]	< 1
Dilution factor for BTEX 50, Toluene 200	27-Jun-07	2	< [illegible]	680	[illegible]	[illegible]	< 1
Dilution factor for BTEX 100, Toluene 500	12-Sep-07	3	< [illegible]	[illegible]	[illegible]	[illegible]	3
Dilution factor for BTEX 250, DEHP 1.1	4-Dec-07	4	< [illegible]	[illegible]	[illegible]	[illegible]	< 1
	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1
Dilution factor for BEX 100, Toluene 200, DEHP 1.05	7-May-08	2	< [illegible]	650	[illegible]	[illegible]	< 1
Dilution factor for Benzene 10, Ethylbenzene & Xylenes 200, Toluene 500	23-Jul-08	3	< [illegible]	[illegible]	[illegible]	[illegible]	< 1
Dilution factor for BTEX 200	29-Oct-08	4	< [illegible]	[illegible]	[illegible]	[illegible]	J 3
MW19-4							
	12-Mar-98	1	< 0.2	< 0.1	< 0.1	< 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	< 0.20	< 0.50
	19-Nov-03	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	28-Feb-06	1	< 0.2	< 0.2	2.2	< 0.6	< 1.0
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	12-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	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	< 1.0
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 10	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	[illegible]
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	4-Dec-07	4 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.11	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	1.1
Dilution factor for DEHP 1.11	6-May-08	2 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	28-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
MW19-5							
Dilution factor for BTEX 5000	12-Mar-98	1	< [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dilution factor for BTEX 1000	2-Aug-01	3	< [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dilution factor for BTEX 500	7-Mar-02	1	< [illegible]	300	[illegible]	[illegible]	1
Dilution factor for BTEX 5000, for DEHP 20	5-Jun-02	2	< [illegible]	[illegible]	[illegible]	[illegible]	< [illegible]
Dilution factor for BTEX 5000, for DEHP 20	5-Jun-02	2 duplicate	< [illegible]	[illegible]	[illegible]	[illegible]	< [illegible]
	19-Nov-03	4	< 0.2	< 0.2	4.3	J 0.9	< 0.9
	18-Dec-03	4 resample	< 0.2	3.7	240.0	24.0	< 0.9
	16-Jun-04	2	< [illegible]	[illegible]	[illegible]	[illegible]	J 1
	10-Aug-04	3	< [illegible]	[illegible]	[illegible]	[illegible]	J 1
Dilution factor for BTEX 10	13-Jan-05	1	< [illegible]	64	[illegible]	340	< 1
Dilution factor for BTEX 200, Lower Grab Water Sample	9-Apr-05	2	< [illegible]	[illegible]	[illegible]	[illegible]	J 1
Upper Grab Water Sample	9-Apr-05	2	< 0.2	J 0.4	9.5	J 2.3	< 1.0
Dilution factor for BTEX 500	26-Jul-05	3	< [illegible]	[illegible]	[illegible]	[illegible]	< 1
	27-Oct-05	4	< 0.2	6.8	140.0	37.0	< 1.0
Dilution factor for BTEX 100	28-Feb-06	1	< [illegible]	290	[illegible]	[illegible]	< 1
Dilution factor for BTEX 20	20-Jun-06	2	< [illegible]	130	[illegible]	730	< 1

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
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	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA			0.2	700	1,000	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	1,000	1,000	3
Dilution factor for BTEX 100	13-Sep-06	3	< [illegible]	550	[illegible]	[illegible]	< 1
Dilution factor for BTEX 100	8-Nov-06	4	< [illegible]	410	[illegible]	[illegible]	[illegible]
Dilution factor for BTEX 500	8-Feb-07	1	< [illegible]	[illegible]	[illegible]	[illegible]	< 1
Dilution factor for BTEX 100, Toluene 1000	27-Jun-07	2	< [illegible]	[illegible]	[illegible]	[illegible]	< 1
Dilution factor for BTEX 100, Toluene 500	12-Sep-07	3	< [illegible]	[illegible]	[illegible]	[illegible]	1
Dilution factor for BEX 200, Toluene 50, DEHP 1.1	4-Dec-07	4	< [illegible]	[illegible]	[illegible]	[illegible]	< 1
	20-Feb-08	1	< 1	8	190	45	< 1
Dilution factor for Toluene 5 [DUP-03]	20-Feb-08	1 duplicate	< 1	6	200	34	< 1
Dilution factor for BEX 5, Toluene 100, DEHP 1.05	7-May-08	2	[illegible]	270	[illegible]	[illegible]	< 1
	22-Jul-08	3	< 1.0	[illegible]	[illegible]	[illegible]	< 1
Dilution factor for BTEX 5	29-Oct-08	4	< 1.0	11	450	68	< 1
MW19-6							
Dilution factor for BTEX 200	15-Nov-99	4	< [illegible]	94	[illegible]	500	[illegible]
Dilution factor for BTEX 2	1-Aug-01	3	< 0.4	14.0	390.0	47.0	[illegible]
	5-Jun-02	2	< 0.22	1.70	13.00	4.10	2.30
	18-Nov-03	4	< 0.2	< 0.2	J 0.3	< 0.6	J [illegible]
	17-Jun-04	2	< 0.2	J 0.4	1.1	1.2	J 3.0
	10-Aug-04	3	< 0.2	4.6	38.0	18.0	J [illegible]
	13-Jan-05	1	< 0.2	4.0	36.0	14.0	J 1.0
Lower Grab Water Sample	9-Apr-05	2	< 0.2	16.0	160.0	64.0	< 1.0
Upper Grab Water Sample	9-Apr-05	2	< 0.2	11.0	74.0	37.0	< 1.0
	26-Jul-05	3	< 0.2	3.6	27.0	14.0	J 2.0
	27-Oct-05	4	< 0.2	5.4	110.0	25.0	< 0.9
	28-Feb-06	1	< 0.2	5.8	65.0	23.0	< 1.0
	20-Jun-06	2	< 0.2	1.7	3.2	5.0	< 1.0
	20-Jun-06	2 duplicate	< 0.2	1.7	3.2	4.9	< 1.0
	12-Sep-06	3	< 0.2	J 0.3	1.0	J 0.9	< 1.0
	7-Nov-06	4	< 0.2	J 0.3	< 0.2	J 0.6	< 0.9
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.25	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
MW19-7							
Dilution factor for BTEX 50	15-Nov-99	4	< [illegible]	100	51	[illegible]	< [illegible]
Dilution factor for BTEX 2	1-Aug-01	3	[illegible]	6.6	13.0	680	< 0.4
Dilution factor for BTEX 5	7-Mar-02	1	[illegible]	< 1	< 1	250	2
	5-Jun-02	2	0.48	1.60	27.00	27	< 0.40
	19-Nov-03	4	[illegible]	J 0.4	J 0.3	460	J 1.0
	16-Jun-04	2	J [illegible]	130.0	[illegible]	630	< 1.0
	16-Jun-04	2 duplicate	J [illegible]	130	[illegible]	610	< 1
	10-Aug-04	3	[illegible]	2	1	20	< 1
Dilution factor for BTEX 2	12-Jan-05	1	[illegible]	90.0	240.0	760	< 1.0
	12-Jan-05	1 duplicate	[illegible]	45.0	120.0	380	< 1.0
Lower Grab Water Sample; Dilution factor for BTEX 25	7-Apr-05	2	J [illegible]	210.0	[illegible]	[illegible]	< 1.0
Upper Water Grab Sample; Dilution factor for BTEX 10	7-Apr-05	2	J [illegible]	370	[illegible]	[illegible]	< 1
Lower Grab Water Sample	27-Jul-05	3	[illegible]	< 0.2	J 0.2	J 1.7	< 0.9
Upper Grad Water Sample	27-Jul-05	3	[illegible]	< 0.2	J 0.5	J 2.4	< 1.0
Dilution factor for BTEX 200	27-Oct-05	4	J [illegible]	[illegible]	[illegible]	[illegible]	< 1
Dilution factor for Total Xylenes 5	28-Feb-06	1	[illegible]	4.9	J 0.3	870	< 1.0
Dilution factor for Total Xylenes 5	28-Feb-06	1 duplicate	[illegible]	5.0	J 0.3	840	< 0.9
	20-Jun-06	2	[illegible]	19.0	J 0.6	550	< 1.0
Dilution factor for Total Xylenes 5	12-Sep-06	3	[illegible]	33.0	J 0.3	440	< 1.0
	8-Nov-06	4	[illegible]	< 0.2	< 0.2	26	< 0.9
	7-Feb-07	1	[illegible]	< 1.0	< 5.0	< 3.0	< 1.0
	7-Feb-07	1 duplicate	[illegible]	< 1.0	< 5.0	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	23	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.1	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
	19-Feb-08	1	< 1.0	7.3	55.0	36	< 1.0
Dilution for DEHP 1.05	7-May-08	2	< 1.0	< 1.0	< 5.0	5.6	< 1.0
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
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	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	1,000	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	1,000	1,000	3
	28-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	28-Oct-08	4 duplicate	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
MW19-12	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	12-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	7-Nov-06	4 duplicate	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
	6-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.11	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	28-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
GEI-2S							
	24-Feb-95	1	< [illegible]	46	[illegible]	380	[illegible]
	25-Mar-98	1	NS	NS	NS	NS	B 2.5
	6-Jun-02	2	[illegible]	2.6	16	5.1	2.4
	18-Dec-03	4	< 0.2	< 0.2	J 0.4	< 0.6	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.16	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for Toluene 10	22-Jul-08	3	[illegible]	34	1,000	170	< 1.0
Dilution for Toluene 10	22-Jul-08	3 duplicate	[illegible]	31	830	160	< 1.0
	28-Oct-08	4	J 0.3	J 0.4	J 0.6	J 1.3	J 3.0
MW-8							
	1-Sep-89	3					
	1-Jan-90	1					
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	15	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	J 2.0
MW-25R							
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	21-Jun-06	2 duplicate	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	13-Sep-06	3	< 0.2	< 0.2	J 0.5	< 0.6	J 1.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	1.6
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP is 1.3	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.3
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.29	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.3
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	J 0.3	< 0.6	< 1.0
MW-27s							
	22-Jun-06	2	J 0.6	3.7	3.9	14	J 3.0
	11-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	J 2.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	J 1.0
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	1.2
Dilution factor for DEHP is 1.4	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.4
Dilution factor for DEHP is 1.18	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
Dilution factor for DEHP is 1.18	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	30-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
MW-28s							
Dilution factor for BTEX 5	21-Jun-06	2	J [illegible]	560.0	< 1.0	[illegible]	[illegible]

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
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	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	1,000	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	1,000	1,000	3
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3	J 0.2	210.0	< 0.2	450	[illegible]
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3duplicate	J 0.3	220.0	< 0.2	470	[illegible]
Dilution factor for DEHP 10	7-Nov-06	4	< 0.2	92.0	< 0.2	180	[illegible]
Dilution factor for DEHP is 20	7-Feb-07	1	< 1.0	70.0	< 5.0	150	[illegible]
Dilution factor for DEHP is 20	7-Feb-07	1duplicate	< 1.0	58.0	< 5.0	130	[illegible]
	27-Jun-07	2	< 1.0	30.0	< 5.0	56	[illegible]
Dilution factor for DEHP is 5	12-Sep-07	3	< 1.0	17.0	< 5.0	42	[illegible]
Dilution for DEHP is 1.2	6-Dec-07	4	< 1.0	32.0	< 5.0	96	[illegible]
Dilution for DEHP is 20	20-Feb-08	1	< 1.0	14.0	< 5.0	36	[illegible]
Dilution for DEHP is 11.1	7-May-08	2	< 1.0	2.7	< 5.0	6.6	[illegible]
Dilution for DEHP is 20	23-Jul-08	3	< 1.0	37	< 5.0	93	[illegible]
Dilution for DEHP is 10	23-Jul-08	3duplicate	< 1.0	41	< 5.0	100	[illegible]
Dilution factor for DEHP 10	29-Oct-08	4	< 0.2	4.3	< 0.2	15	[illegible]
MW-28i							
Dilution factor for BTEX 5	22-Jun-06	2	< 1.0	480.0	< 1.0	[illegible]	[illegible]
Dilution factor for Xylene and DEHP is 5	13-Sep-06	3	< 0.2	72.0	J 0.6	520	[illegible]
	7-Nov-06	4	< 0.2	10.0	< 0.2	14	[illegible]
Dilution factor for DEHP is 10	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	[illegible]
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	[illegible]
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	[illegible]
Dilution for DEHP is 1.3	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	1.4
Dilution for DEHP is 5	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	[illegible]
Dilution for DEHP is 1.11	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	[illegible]
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	[illegible]
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	[illegible]
MW-29s							
	22-Jun-06	2	< 0.2	J 0.2	< 0.2	J 0.6	J 1.0
	14-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	J 1.0
	9-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	[illegible]
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Deilution for DEHP 1.2	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.05 [DUP-02]	19-Feb-08	1duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.18	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	J 0.3	< 0.6	< 1.0
	29-Oct-08	4duplicate	< 0.2	< 0.2	J 0.2	< 0.6	< 0.9
MW-30s							
	21-Jun-06	2	< 1.0	[illegible]	J 1.3	[illegible]	[illegible]
Dilution factor for BTEX 20, DEHP is 500	13-Sep-06	3	< [illegible]	[illegible]	46.0	[illegible]	[illegible]
Dilution factor for BTEX 5, DEHP is 100	9-Nov-06	4	< 1.0	540	< 1.0	[illegible]	[illegible]
	7-Feb-07	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
Dilution factor for BTEX 5, DEHP is 2000	26-Jun-07	2	[illegible]	300	< 25	[illegible]	[illegible]
Dilution factor for DEHP is 50	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	[illegible]
Dilution factor for DEHP is 200	12-Sep-07	3duplicate	< 1.0	< 1.0	< 5.0	< 3.0	[illegible]
Dilution factor for DEHP is12, BTEX is 5	6-Dec-07	4	[illegible]	34.0	110	260	[illegible]
Dilution factor for DEHP is 111, BTEX is 5	20-Feb-08	1	< [illegible]	110	< 25	480	[illegible]
Dilution factor for Total Xylene is 5, DEHP is 1.25	8-May-08	2	< 1.0	100	< 5.0	460	[illegible]
	22-Jul-08	3	< 1.0	14	< 5.0	86	[illegible]
DEHP dilution 5	29-Oct-08	4	< 0.2	80	J 0.2	290	[illegible]
MW-30i							
	21-Jun-06	2	J 0.3	38	1.4	170	J 2.0
	13-Sep-06	3	< 0.2	1.5	< 0.2	4.9	[illegible]
	8-Nov-06	4	< 0.2	J 0.2	< 0.2	< 0.6	J 1.0
	8-Nov-06	4duplicate	< 0.2	J 0.2	< 0.2	< 0.6	< 1.0
	7-Feb-07	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	1.3
Dilution factor for DEHP 1.2	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
Dilution factor for DEHP 1.05	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
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	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	1,000	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	1,000	1,000	3
Dilution factor for DEHP 1.05	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.18	7-May-08	2 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	J 2.0
MW-30d							
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	J 3.0
	14-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	J [illegible]
	8-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
	7-Feb-07	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.1	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
Dilution factor for DEHP 1.1	4-Dec-07	4 duplicate	< 1.0	< 1.0	7.7	< 3.0	< 1.1
Dilution factor for DEHP 1.05	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.05	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
MW-31s							
Dilution factor for BTEX 500, DEHP 63.5	8-May-08	2	< [illegible]	[illegible]	< [illegible]	[illegible]	[illegible]
Dilution factor for Benzene & Toluene 20, Ethylbenzene and Xylenes 250, DEHP 500	23-Jul-08	3	< [illegible]	[illegible]	< 100	[illegible]	[illegible]
Dilution factor for BTEX 50, DEHP 10	30-Oct-08	4	< [illegible]	[illegible]	< 10	[illegible]	[illegible]
MW-32s							
Dilution factor for BTEX 200, DEHP 121000	8-May-08	2	< [illegible]	[illegible]	< 1,000	[illegible]	[illegible]
Dilution factor for Benzene & Toluene 50, Ethylbenzene and Xylenes 250, DEHP 200	23-Jul-08	3	< [illegible]	[illegible]	< 250	[illegible]	[illegible]
BTE 5, Xylenes 10, DEHP 100	30-Oct-08	4	J [illegible]	[illegible]	J 1.7	[illegible]	[illegible]
MW-33s							
Dilution factor for DEHP 1.25	8-May-08	2	[illegible]	6.6	< 5.0	27	[illegible]
	23-Jul-08	3	[illegible]	< 1.0	< 5.0	3.3	[illegible]
Dilution factor for DEHP 50	30-Oct-08	4	J 0.4	J 0.6	J 0.3	< 3.0	[illegible]
MW-34s							
Dilution factor for Ethylbenzene and Total Xylenes 5, DEHP 1.33	6-May-08	2	[illegible]	230	< 5.0	[illegible]	3.0
Dilution factor for BTEX 20	23-Jul-08	3	< [illegible]	470	< 100.0	[illegible]	1.6
	30-Oct-08	4	< 0.2	2	< 0.2	180	[illegible]
MW-35s							
Dilution factor for Ethylbenzene and Total Xylenes 500, DEHP 57	6-May-08	2	[illegible]	230	< 5.0	[illegible]	[illegible]
Dilution factor for Benzene & Toluene 10, Ethylbenzene and Xylenes 250, DEHP 20	23-Jul-08	3	[illegible]	[illegible]	260.0	[illegible]	[illegible]
Dilution factor for Xylenes 100, Benzene 20, Toluene 20, Ethlbenzene 100, DEHP 10	30-Oct-08	4	J [illegible]	[illegible]	34.0	[illegible]	[illegible]
Atmospheric Blank	13-Jan-05	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	8-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	26-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	28-Feb-06	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	20-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	12-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	J 1.9	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
ATM-01	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
ATM-01, Dilution factor for DEHP 1.08	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	28-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
Rinsate Blank							
	14-Jan-05	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	9-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	27-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
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	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	1,000	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	1,000	1,000	3
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	28-Feb-06	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	22-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	13-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	14-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	9-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	9-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	10-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	1.1
	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	2.7
	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-02	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-03	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	5-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-02	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-03	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-02	30-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
RB-03	30-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
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
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	NA
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	NA
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	NA
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	NA
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	NA
	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	NA
	18-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	NA
	5-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	NA
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	NA
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	NA
TB-03	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	NA
TB-04	29-Oct-08	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

[illegible]lyte also detected in blank

[illegible]mated 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 2008

L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
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	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
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	15	455	3	ND	ND	30	2.0 J	NS
	3Q05	3	67	1,070	0	1.3	ND	6	33	NS
	4Q05	120	23	620	1	0.88	ND	37	19	NS
	1Q06	25	36	380	ND	ND	ND	3.3 J	140	NS
	2Q06	56	44	460	ND	0.43 J	ND	3.2 J	95	ND
Dilution factor for Methane 5	3Q06	60	13	435	ND	0.43 J	ND	5	310	ND
Dilution factor for Methane 100	4Q06	20	16	411	ND	ND	0	2.9 J	1,700	ND
	1Q07	140	7	340	ND	ND	ND	ND	540	ND
	2Q07	180	20	1,100	ND	0.62	ND	ND	380	ND
	3Q07	1,200	23	710	ND	0.76	0	ND	300	ND
	4Q07	FS	30	500	ND	0.64	0	ND	680	ND
	1Q08	150	3.6	190	2	ND	ND	25	ND	ND
Dilution factor for Dissolved Lead 5	2Q08	1,900	26	1,200	ND	0.52	ND	ND	650	ND
	3Q08	740	6.2	820	ND	0.57	ND	ND	510	ND
Dilution for methane 50	4Q08	120	8.0 J	692	ND	0.60	0.14	ND	4,000	ND
MW-19-4	1Q06	12	ND	720	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	765	4.9	ND	ND	50.1	ND	ND
	4Q06	29	ND	520	3	ND	ND	47.1	ND	ND
	1Q07	54	3	340	1.7	ND	ND	37	ND	ND
	2Q07	110	1.4	1,100	1.7	ND	ND	29	ND	ND
	3Q07	160	1.2	680	1.8	ND	ND	40	ND	ND
	3Q07D	160	ND	650	1.8	ND	ND	40	ND	ND
	4Q07	FS	1.3	710	2.6	ND	ND	38	ND	ND
	4Q07D	FS	ND	730	2.6	ND	ND	38	ND	ND
	1Q08	270	1.2	730	1.8	ND	ND	24	ND	ND
	2Q08	100	2.1	820	1.1	ND	ND	32	ND	ND
DUP-02	2Q08D	80	2.1	870	1.1	ND	ND	32	ND	ND
	3Q08	45	1	680	0.73	ND	ND	33	ND	ND
	4Q08	150	ND	691	1.6	ND	ND	44.7	ND	0.0142 J
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	0.1	ND	ND	10.9	640	ND
	1Q07	240	7	340	ND	0.51	ND	ND	500	0.011
	2Q07	91	18	350	ND	0.13	ND	ND	570	ND
Dilution factor for Methane 4	3Q07	110	7.8	360	ND	ND	ND	ND	840	ND
	4Q07	FS	5.1	240	0.13	0.14	0.12	7.8	370	ND
	1Q08	380	1.9	120	0.16	ND	ND	7.2	ND	ND
	1Q08D	170	1.8	120	0.15	ND	ND	7.2	ND	ND
	2Q08	560	3.3	370	0.15	ND	ND	13	340	ND
Dilution factor for Methane 4	3Q08	100	16	600	ND	0.3	ND	ND	1,500	ND
	4Q08	46	ND	164	0.35	ND	ND	15.1	59	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	940	1.7	ND	ND	44	130	NS
	2Q05[L]	23	18	1,100	1.3	0.29 J	ND	33.5	44	NS
	2Q05[U]	160	ND	1100	1	ND	ND	32.7	96	NS
	3Q05	90	40.8	1690	1.1	ND	ND	35	38	NS
	4Q05	43	10.8 J	790	3.5	ND	ND	47.8	43	NS
	1Q06	14	4.4 J	1,400	1.8	ND	ND	36.6	50	NS

TABLE 3

L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
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	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
	2Q06	14	ND	[illegible]	2	ND	ND	38.3	44	ND
	2Q06D	15	ND	[illegible]	2	ND	ND	37.7	45	ND
	3Q06	75	4.4 J	[illegible]	2.6	ND	ND	37.1	32	ND
	4Q06	240	ND	[illegible]	2.3	ND	ND	38.3	31	ND
	1Q07	62	5.3	490	2.4	ND	ND	34	21	ND
	2Q07	70	8.7	[illegible]	2.9	ND	ND	48	230	ND
	3Q07	100	2.6	[illegible]	2	ND	ND	40	68	ND
	4Q07	FS	3.2	[illegible]	2.3	ND	ND	36	87	ND
	1Q08	120	2.6	[illegible]	1.1	ND	ND	28	78	ND
	2Q08	22	2.9	[illegible]	1.9	ND	ND	32	27	ND
	3Q08	140	6.2	[illegible]	1.3	ND	ND	34	140	ND
	4Q08	31	ND	[illegible]	2.9	ND	ND	36.4	110	ND
MW-19-7	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	110	6.8 J	[illegible]	0.21	ND	ND	47.2	5200	NS
	2Q04D	88	9.2 J	[illegible]	0.21	0.15 J	ND	37.3	5400	NS
	3Q04	2000	4.4 J	[illegible]	1.5	ND	ND	64.4	2400	NS
Dilution factor for Methane 250	1Q05	75	6.0 J	[illegible]	3.2	ND	ND	29.1	10000	NS
Dilution factor for Methane 250	1Q05D	77	7.2 J	[illegible]	3.2	ND	ND	30.5	11000	NS
	2Q05[L]	32	54	472	ND	0.50 J	0.45	ND	13000	NS
	2Q05[U]	41	48	481	ND	0.35 J	0.32	ND	10000	NS
	3Q05[L]	17	45.6	[illegible]	ND	ND	0.3	19.2	2900	NS
	3Q05[U]	17	31.6	[illegible]	0.22	0.29 J	0.1	25.7	1600	NS
Dilution factor for Methane 250	4Q05	16	32	[illegible]	0.16	0.5	0.23	8.9	7700	NS
	1Q06	14	33.2	[illegible]	ND	ND	0.3	2.2 J	10000	NS
	1Q06D	10	36.8	[illegible]	ND	ND	0.3	1.6 J	10000	NS
Dilution factor for Methane 200	2Q06	68	16.8	[illegible]	0.87	ND	0.16	12.9	11000	ND
Dilution factor for Methane 100	3Q06	79	9.2 J	[illegible]	2.1	ND	0.15	15.1	8600	ND
Dilution factor for Methane 100	4Q06	600	4.4 J	[illegible]	3.4	ND	ND	31.3	5600	ND
Dilution factor for Methane 4	1Q07	38	18	420	0.59	ND	0.31	11	1200	ND
Dilution factor for Methane 5	1Q07D	40	19	440	0.69	ND	0.31	12	1300	ND
	2Q07	130	4.4	[illegible]	0.25	ND	ND	12	530	ND
	3Q07	890	1.8	[illegible]	0.39	ND	ND	16	120	ND
	4Q07	FS	2.2	[illegible]	2.6	0.23	ND	21	170	ND
	1Q08	180	6.7	[illegible]	3.2	ND	ND	24	300	ND
	2Q08	52	6.8	[illegible]	0.24	0.12	ND	17	430	ND
	3Q08	340	15	[illegible]	ND	0.11	0.11	ND	400	ND
Dilution factor for Methane 5	4Q08	270	3.25	[illegible]	1.1	ND	ND	20	550	ND
Dilution factor for Methane 5	4Q08D	110	ND	[illegible]	1.1	ND	ND	20.6	570	ND
MW-19-12	2Q06	4000	11.2 J	[illegible]	0.048 J	ND	ND	15.1	4.8 J	ND
Dilution factor for Methane 5	3Q06	170	6.4 J	[illegible]	0.36	ND	ND	22.9	170	ND
	4Q06	2	4.4 J	[illegible]	0.22	ND	ND	21.3	130	ND
	4Q06D	2	ND	[illegible]	0.17	ND	ND	21.8	130	ND
	1Q07	4	5.5	400	0.56	0.12	ND	20	ND	ND
	2Q07	55	ND	240	0.93	ND	ND	13	ND	ND
	2Q07D	8	ND	270	0.93	ND	ND	13	ND	ND
	3Q07	73	ND	290	0.89	ND	ND	13	ND	ND
	4Q07	FS	3	260	0.9	ND	ND	11	ND	ND
	1Q08	9	ND	160	0.84	ND	ND	5.7	ND	ND
	2Q08	ND	1.1	220	1	ND	ND	10	ND	ND
	3Q08	2	1.7	220	0.72	ND	ND	8.1	ND	ND
	4Q08	7	ND	269	0.79	ND	ND	16.6	ND	ND
MW-8										
Dilution factor for Methane 10	3Q08	ND	66	300	ND	0.68	0.4	ND	3000	ND
Dilution factor for Methane 20	4Q08	5200	33.6	94.5	ND	0.35 J	ND	1.9 J	1800	ND
MW-25R	2Q06	1100	18.8	340	ND	0.24 J	ND	2.9 J	140	ND
	3Q06	>5700	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
	1Q07	240	49	300	ND	0.12	ND	ND	29	ND
	2Q07	>5700	100	340	ND	0.15	ND	5.9	33	ND
	2Q07D	>5700	100	350	ND	0.11	ND	6.4	32	ND
	3Q07	>5700	10	260	ND	ND	ND	14	ND	ND
	4Q07	FS	490	380	ND	0.41	0.43	10	ND	ND
	1Q08	>5700	140	360	ND	0.13	0.17	5.4	55	ND
	2Q08	>5700	200	330	ND	0.15	0.23	ND	130	ND
	3Q08	ND	68	380	ND	0.14	ND	ND	12	ND

TABLE 3

Through 4th Quarter 2008

L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
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	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
	4Q08	>5700	ND	243	ND	ND	ND	16	3.5 J	ND
MW-27s	2Q06	NR	5180	630	ND	0.26 J	4.8	43.3	20	ND
	3Q06	>5700	3850	[illegible]	ND	ND	1.4	108	3.7 J	ND
	4Q06	>5700	166	[illegible]	0.16	ND	0.82	116	2.3 J	ND
	1Q07	>5700	580	[illegible]	ND	ND	0.19	91	ND	ND
	2Q07	>5700	48	[illegible]	ND	ND	3.5	97	ND	ND
	3Q07	270	150	[illegible]	ND	ND	0.12	84	ND	ND
	4Q07	FS	260	[illegible]	0.16	0.45	ND	87	22	ND
	1Q08	>5700	850	[illegible]	0.65	ND	0.74	78	ND	ND
	2Q08	>5700	770	490	0.19	ND	0.91	67	ND	ND
Dilution factor for Phosphorus 5	3Q08	560	1,400	[illegible]	ND	0.14	17	61	11	ND
	4Q08	390	66.4	[illegible]	0.2	ND	.085 J	68.8	ND	ND
MW-28s	2Q06	6	35.2	350	ND	0.35 J	0.25	2.6 J	3100	ND
Dilution factor for Methane 200	3Q06	1,300	22	460	ND	0.26 J	0.37	ND	3,200	ND
Dilution factor for Methane 200	3Q06D	1,500	22	468	ND	ND	0.37	1.7J	3,100	ND
Dilution factor for Methane 100	4Q06	1	25	347	ND	ND	0.43	2.0 J	4,400	ND
	1Q07	460	180	350	ND	ND	0.42	ND	170	ND
	1Q07D	230	93	360	ND	ND	0.43	ND	810	0.0051
Dilution factor for Methane 10	2Q07	78	49	400	ND	0.14	0.34	ND	1,600	ND
Dilution factor for Methane 4	3Q07	ND	50	350	ND	ND	0.34	ND	1,100	ND
Dillution for Methane is 40	4Q07	320	42	330	ND	0.19	0.38	ND	1,900	ND
	1Q08	80	31	250	ND	0.14	0.36	ND	570	ND
Dilution for Methane is 10	2Q08	11	44	360	ND	0.19	ND	ND	1,400	ND
Dilution factor for Methane 4	3Q08	ND	52	340	ND	0.17	0.4	ND	0.86	[illegible]
Dilution for Methane 20	4Q08	82	23.6	321	ND	ND	0.31	2.3 J	1,800	ND
MW-28i										
Dilution factor for Methane 10	2Q06	290	28	367	0.047 J	ND	0.22	2.2 J	1900	ND
Dilution factor for Methane 100	3Q06	>5,700	42.8	338	ND	ND	0.19	3.5 J	1500	ND
Dilution factor for Methane 100	4Q06	440	15.6	335	ND	ND	0.22	3.0 J	1500	ND
	1Q07	110	34	380	0.1	0.2	0.35	ND	410	ND
Dilution factor for Methane 4	2Q07	24	23	330	ND	0.27	0.29	ND	710	ND
	3Q07	37	37	300	ND	0.28	0.27	ND	560	ND
	4Q07	160	34	360	ND	0.47	0.64	5.1	370	ND
	1Q08	ND	25	290	ND	0.37	0.29	ND	170	ND
Dilution factor for Methane 10	2Q08	17	38	560	ND	0.31	0.23	ND	870	ND
	3Q08	51	29	310	ND	0.25	280	ND	410	ND
Dilution for Methane 5	4Q08	24	20.8	360	ND	0.54 J	0.23	6.7	500	ND
MW-29s	2Q06	250	58.8	[illegible]	ND	11.9	0.45	4.0 J	1200	ND
Dilution factor for Methane 250	3Q06	>5700	54	[illegible]	ND	9.9	0.32	1.9 J	5000	ND
Dilution factor for Methane 100	4Q06	190	35.6	[illegible]	ND	8.3	0.29	3.9 J	5200	ND
	1Q07	30	41	[illegible]	0.14	7.5	0.34	ND	450	0.0084
Dilution factor for Methane 4	2Q07	150	56	490	ND	8.3	0.29	ND	1000	ND
Dilution factor for Methane 10	3Q07	1900	54	[illegible]	ND	8.1	0.4	ND	2500	ND
Dillution for Methane 10	4Q07	FS	66	500	ND	9.3	0.44	ND	3100	0.014
Dillution for Lead 5	1Q08	93	60	[illegible]	ND	7.5	0.34	ND	2000	ND
Dillution for Lead 5	1Q08D	120	38	[illegible]	ND	7.6	0.35	ND	1800	ND
Dilution for Methane 10	2Q08	65	40	490	ND	8.2	0.3	ND	2100	ND
Dilution factor for Methane 4	3Q08	130	20	460	ND	7.7	0.41	ND	1,700	ND
Dilution factor for Methane 50	4Q08	52	37.2	455	ND	7.2	0.35	ND	4,400	ND
Dilution factor for Methane 50	4Q08D	56	41.6	462	ND	7.2	0.34	ND	4,600	ND
MW-30s	2Q06	2200	75.6	348	ND	0.86	0.17	5.2	3800	ND
Dilution factor for Methane 200	3Q06	>5700	132	457	ND	0.89	0.32	ND	2500	ND
Dilution factor for Methane 100	4Q06	>5700	147	448	ND	1.1	0.24	5.5	6500	ND
Dilution factor for Methane 10	2Q07	>5700	650	350	ND	0.94	1.6	ND	1800	ND
Dilution factor for Methane 4	3Q07	>5700	220	440	ND	1	0.34	ND	1700	ND
Dilution factor for Methane 4	3Q07D	>5700	180	400	ND	1.1	0.33	ND	1500	ND
Dilution factor for Methane 10	4Q07	>5700	120	[illegible]	ND	1.3	0.22	ND	1900	ND
Dilution factor for Methane 4	1Q08	1,100	2,300	410	ND	0.97	1.2	ND	1,300	ND
Dilution factor for Methane 10	2Q08	>5700	36	320	ND	0.93	0.26	ND	1,700	ND
Dilution factor for Methane 4	3Q08	ND	36	390	ND	2.60	0.29	ND	1,800	ND
Dilution factor for Methane 50	4Q08	2,300	18	401	ND	1.30	0.19	ND	4,100	ND
MW-30i	2Q06	>5700	18.8	369	ND	1.8	0.15	8.2	1100	ND
Dilution factor for Methane 100	3Q06	290	41.6	414	ND	0.83	0.23	3.2 J	1200	ND
Dilution factor for Methane 50	4Q06	40	17.2	456	ND	0.89	0.24	11.1	930	ND

TABLE 3

Through 4th Quarter 2008

L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
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	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
Dilution factor for Methane 50	4Q06D	43	41.2	478	ND	ND	0.23	11.1	930	ND
Dilution factor for Methane 4	2Q07	36	34	300	ND	0.8	0.31	ND	680	ND
	3Q07	ND	41	430	ND	1	0.33	ND	97	ND
	4Q07	470	69	[illegible]	ND	1.1	0.45	ND	ND	ND
	1Q08	2	33	410	ND	1.2	0.34	ND	370	ND
	2Q08	23	27	[illegible]	ND	1	ND	ND	510	ND
Dup 03	2Q08D	16	26	300	ND	1	0.29	ND	560	ND
Dilution factor for Methane 4	3Q08	ND	31	390	ND	1.3	0.38	ND	790	ND
Dilution factor for Methane 5	4Q08	6	21.6	411	ND	1.4	0.27	4.4 J	400	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
	2Q07	130	13	240	ND	0.11	ND	10	77	ND
	3Q07	78	9	260	ND	0.16	ND	11	ND	ND
	4Q07	FS	20	300	ND	0.24	0.11	11	ND	ND
	4Q07D	FS	20	270	ND	0.19	0.28	11	ND	ND
	1Q08	790	8	300	ND	0.12	ND	9.4	47	ND
	2Q08	420	12	370	ND	0.27	ND	5.3	140	ND
	3Q08	ND	9.2	280	ND	0.31	0.13	9.2	16	ND
	4Q08	40	9.2 J	309	ND	0.27 J	ND	12.7	ND	ND
MW-31s										
Dilution factor for Ammonia and Methane 10	2Q08	>5700	460	[illegible]	0.12	22	0.68	44	3000	ND
Dilution factor for Ammonia and Methane 10	3Q08	ND	320	[illegible]	ND	22	0.71	72	2100	ND
Dilution factor for Sulfate 10 and Methane 50	4Q08	> 5700	11.5 J	[illegible]	ND	10.8	0.14	84.2	2800	ND
MW-32s										
Dilution factor for Methane 10	2Q08	>5700	NS	[illegible]	ND	2	14	8.6	4800	ND
Dilution factor for Methane 10	3Q08	410	NS	650	ND	1.6	2.6	NS	2900	ND
Dilution factor for Sulfate 20 and Methane 100	4Q08	> 5700	50	818	ND	1.6	0.11	200	5400	ND
MW-33s										
Dilution factor for Methane 10	2Q08	>5700	220	310	ND	5	0.17	8	2800	[illegible]
Dilution factor for Methane 10	3Q08	ND	250	380	ND	7	ND	10	2000	ND
Dilution factor for Methane 100	4Q08	> 5700	51	358	ND	7.4	0.13	8.6	4800	ND
MW-34s										
Dilution factor for Methane 10	2Q08	>5700	NS	490	ND	ND	ND	12	3700	ND
Dilution factor for Methane 10	3Q08	ND	NS	NS	NS	ND	0.34	NS	2800	NS
Dilution factor for Methane 5	4Q08	2100	ND	693	0.53	0.35 J	ND	23.9	490	ND
MW-35s										
Dilution factor for Methane Is 10	2Q08	>5700	2100	[illegible]	ND	1.8	ND	13	3900	ND
Dilution factor for Methane Is 10	3Q08	ND	85	[illegible]	ND	1.3	ND	ND	3600	ND
Dilution factor for Methane 100	4Q08	> 5700	22.4 J	[illegible]	ND	2.9	0.16	20.6	12000	ND
GEI-2S	3Q07	66	8.0	460	2.2	ND	ND	25	490	ND
	2Q08	57	6.7	[illegible]	1.9	ND	ND	34	ND	ND
Dilution factor for Methane 4	3Q08	4	4.0	[illegible]	ND	0.11	ND	13	1800	ND
	4Q08	16	ND	302	2.4	ND	ND	23.9	110	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*
	1Q07	1	ND	ND	ND	ND	ND	ND	22	ND*
	2Q07	ND	ND	19	ND	ND	ND	ND	ND	ND*
	3Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q07	ND	ND	ND	ND	0.16	ND	ND	ND	ND*
	1Q08	ND	ND	ND	ND	0.16	ND	ND	ND	ND*
	2Q08	ND	ND	ND	ND	ND	ND	ND	ND	[illegible]
	3Q08	ND	ND	ND	ND	0.16	ND	ND	ND	ND*
	4Q08	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

TABLE 3

Through 4th Quarter 2008

L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
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	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
	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*
	1Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q07	1	ND	2.5	ND	ND	ND	ND	ND	ND*
	2Q07	2	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q07	ND	ND	11	0.17	ND	ND	ND	ND	ND*
	1Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q08	ND	ND	ND	ND	ND	0.15	ND	ND	ND*
	2Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02	4Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-03	4Q08	ND	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 results reported through 4Q06, and starting again in 4Q08, have a dilution factor of 5, except for blank samples or unless otherwise noted. Sulfate results reported from 1Q07 through 3Q08 have no dilution factor for sulfate unless noted otherwise.

[2] NJ CLASS IIA GWQC, NJ SWQC [FW2] and PQL are for Total Lead

[illegible] No Criteria Specified by NJDEP

NS = Not Sampled

FS= Samples frozen in transit to lab.

ND = Not Detected

Concentration exceeds NJGWQS

L Lower Grab Sample

U Upper Grab Sample

* Total Lead

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
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
	2Q05[L]	1	7.84	NM	734	10	8.6	0.3	30	<10
	2Q05[U]	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
	1Q07	0.15	6.59	-90.3	444	5	10.38	20	250	35
	2Q07	0.05	6.69	-56	1640	2.5	13.7	>20	100	120
	3Q07	0.1	6.59	-94	1201	2	17.05	>20	200	80
	4Q07	0.2	6.36	5	865	5.1	12.54	>20	225	40
	1Q08	0.6	6.4	111.7	214.2	5	8.55	0.1	40	14
	2Q08	0.22	6.12	68.4	1,068	6.66	10.55	>10	125	130
	3Q08	0.16	6.42	-30	1,150	7	13.94	>20	140	50
	4Q08	0.12	6.63	-107	1065	5	14.33	10	210	30
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
	1Q07	2.01	6.95	105	418	17	11.71	0	125	11
	2Q07	0.8	6.74	-1	1800	7.8	14.59	0.1	75	16
	3Q07	0.4	7.16	45	1187	10	17.68	0.05	125	26
	4Q07	0.6	7.57	216	1385	6	12.58	0	50	20
	1Q08	4	7.02	73.1	938.5	9	7.98	0	100	13
	2Q08	4.13	6.52	113	987	8.33	11.22	0.1	100	15
	3Q08	1.3	6.68	65	1120	9	14.29	0	60	19
	4Q08	1.4	6.55	92	1133	9	15.49	0.1	130	19
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
	2Q05[L]	1	7.94	NM	2640	10	8	0	45	16
	2Q05[U]	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	7.50	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
	1Q07	0.16	6.53	14.2	370	4	10.08	1	175	16
	2Q07	0	7.04	-36	539	6.8	14	>20	190	70
	3Q07	0.1	7.09	36	530	5	16.18	1	160	65
	4Q07	1.6	6.17	45	311	3.6	12.59	0.4	130	30
	1Q08	1.83	6.28	108.1	125.5	12	6.14	0.1	35	15
	2Q08	1.48	5.99	6	371	10	10.06	0.2	100	40
	3Q08	0.07	6.76	-23	896	2	14.55	>20	190	30
	4Q08	3.29	6.38	76	214	7	15.01	0.2	75	26
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
	2Q05[L]	1	7.50	NM	1870	27	10.64	0.1	75	15
	2Q05[U]	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	6.60	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
	1Q07	1.16	6.82	69.5	602	8	11.38	0.2	90	16
	2Q07	1	6.69	-35	2720	5.6	14.36	0.1	140	50
	3Q07	0.8	7.16	12	1458	4	17.3	0.6	160	42
	4Q07	2	7.44	51.4	1283	5.9	12.92	0.3	25	17
	1Q08	1	6.52	91.2	854.4	6	10.71	0.4	100	20
	2Q08	3.69	6.71	119.4	1,205	2.4	11.83	0.6	110	35
	3Q08	1.3	6.78	39	2,280	8	15.51	3	140	28
	4Q08	2.23	6.8	62	1,550	9	15.15	0.3	155	19

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
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
	2Q05[L]	0.05	7.82	102	938	25	11.7	15	160	36
	2Q05[U]	1	7.80	NM	961	49	11.22	15	200	29
	3Q05[L]	0.8	7.03	90	2670	17	14.76	>10	95	0.8
	3Q05[U]	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	6.20	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
	1Q07	0.12	6.80	-84.3	518	6	11.52	9	175	23
	2Q07	0	6.98	36	1397	4.5	15.68	2	100	38
	3Q07	0.2	7.05	181	1016	5	17.48	0.2	120	38
	4Q07	0.6	6.48	74.2	2126	5.3	12.7	0.2	70	30
	1Q08	1	6.21	105.4	2023	10	9.48	0.3	45	27
	2Q08	0.24	6.42	0.5	1,892	9.13	11.31	1.5	130	22.5
	3Q08	0.11	6.94	60	980	29	16.78	0.5	150	27
	4Q08	0.23	6.42	50.9	806	9.13	15.77	0.6	130	14
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	7.60	191	1234	10	16.72	3.5	1000	17
	1Q07	0.18	6.91	-39.6	680	8	12.29	1.5	100	10
	2Q07	2	7.24	137	473	5	18.56	0	110	11
	3Q07	2	7.45	118	463	2	19.2	0	85	0
	4Q07	9	7.55	2.7	439	8.1	9.68	0	110	<10
	1Q08	2	6.72	78.4	197.2	2	7.59	0	40	<10
	2Q08	7.4	7.09	79	386	0.12	13.31	0	110	<10
	3Q08	4.29	7.23	51	369	6	19.58	0	70	12
	4Q08	4.63	6.72	91	500	2	13.64	0.1	110	12
MW-8	3Q08	0.06	7.04	-162	571	20	15.63	>20	260	30
	4Q08	0.23	6.99	-51	175	70	12.91	14	40	<100
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
	1Q07	1.8	6.80	-100.4	636	55	7.15	3	100	150
	2Q07	0.35	6.69	-65.8	453	123	14.38	3.5	40	20
	3Q07	1	6.98	-75.3	355	NM-mtr broke	18.93	0.3	75	15
	4Q07	0.6	7.15	30	616	127	6.81	2	100	110
	1Q08	0.34	7.32	-79	639	47.6	7.87	4.5	150	12.5
	2Q08	0.21	7.20	-80	601	46	10.95	4.5	150	15
	3Q08	0.24	6.55	-110.7	446	19.2	15.71	2.5	160	70
	4Q08	1.66	7.25	22.7	227	5.9	9.6	1	70	<10
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
	1Q07	4	7.15	-10.8	1078	>1000	8.31	NM - sediment	NM - sediment	NM - sediment
	2Q07	8.29	7.09	105.6	765	>1000	15.23	NM - sediment	NM - sediment	NM - sediment
	3Q07	0.4	7.24	27	1017	>1000	17.58	NM - sediment	NM - sediment	NM - sediment
	4Q07	1	7.16	165	1002	997	11.34	NM - sediment	NM - sediment	NM - sediment
	1Q08	1	7.15	71.5	612.7	186	8.41	NM - sediment	NM - sediment	NM - sediment
	2Q08	1	7.18	111.1	735	81.1	11.43	0	22.5	85
	3Q08	3.21	6.21	46	861	184	17.09	0.8	225	135
	4Q08	2.63	6.99	34.4	626	47.2	13.67	NM - ran dry	NM - ran dry	NM - ran dry
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
	1Q07	2.1	6.74	-176.2	650	12	9.75	>20	160	22
	2Q07	0.48	7.01	-138.3	568	36	15.36	>20	180	35
	3Q07	0.1	7.1	-132.1	576	9.6	16.99	>20	180	50
	4Q07	0.2	6.86	-120.4	634	7.03	11.97	>20	170	22
	1Q08	0.11	7.3	-169	492	11.3	9.22	15	130	20
	2Q08	0.19	6.57	-52.4	508	9.13	12.25	>10	140	35
	3Q08	0.29	6.91	-65.1	390	9.54	15.33	>20	200	35
	3Q08	1	6.8	-92	494	339	16.5	NM	NM	NM
	4Q08	0.05	6.94	-81.5	395	7.96	13.88	>20	170	<100

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
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-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
	1Q07	0.2	6.80	-173.3	686	4.9	10.7	>20	140	23
	2Q07	0.18	7.07	-170	507	17	14.9	>20	145	24
	3Q07	0.1	7.15	-104.7	536	5.7	16.19	>20	170	30
	4Q07	0.26	6.59	-58.2	677	7.44	11.96	>20	160	20
	1Q08	0.01	6.81	-100.2	400.2	6	10.31	12	135	20
	2Q08	0.2	6.65	-4.8	593	7.75	12.99	>10	170	35
	3Q08	0.21	7.34	-136	530	10	14.94	>20	170	23
	4Q08	0.04	7.28	-68	442	8.81	14.23	>20	160	<100
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
	1Q07	0.7	6.53	-163.9	902	5.6	8.77	18	240	30
	2Q07	4.03	6.71	-113.8	766	31	18.48	>10	225	25
	3Q07	0.7	6.66	-13.9	881	9.84	21.12	>20	325	100
	4Q07	0.2	7.12	-35	960	8	13.51	>20	285	75
	1Q08	0.21	7.02	-94	1027	9.92	7.87	>10	290	22
	2Q08	0.27	6.89	31.2	935	5.9	12.22	>20	250	70
	3Q08	0.08	6.61	-79.7	456	8.09	20.04	>10	300	130
	4Q08	0.09	6.91	-127	798	6	17.6	>20	250	36
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
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.34	6.99	-159.4	458	213	18.55	>20	225	40
	3Q07	0.3	7.05	-128.7	696	100	19.15	>20	230	37
	4Q07	0.8	7.45	-50	871	67	7.74	>20	200	43
	1Q08	0.12	7.32	-158	825	113	4.85	>20	NM - sediment	NM - sediment
	2Q08	0.2	7.49	-47.6	484	9.42	11.43	18	160	22.5
	3Q08	0.03	6.93	-128.1	378	11.2	19.06	>10	200	70
	4Q08	0.05	6.66	-2.3	468	9.65	12.93	>20	50	20
MW-30i	2Q06	0.33	7.70	-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
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.33	6.99	-146.8	486	41	15.23	>20	145	25
	3Q07	0.4	7.08	-19.8	661	NM-mtr broke	17.07	>20	200	29
	4Q07	1	7.39	-15	889	136	8.28	>20	200	24
	1Q08	0.13	6.7	-149	784	9.98	8.55	>20	150	18
	2Q08	0.08	7.29	-142	581	21	12.28	16	140	26
	3Q08	0.04	73.11	-136.0	552	8.56	16.62	>10	180	50
	4Q08	0.3	7.43	-133	715	6	13.57	>20	165	27
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
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.38	7.03	-95.7	340	69	14.51	3.5	115	12
	3Q07	0.8	7.24	22.6	401	NM-mtr broke	14.73	3	130	13
	4Q07	0.1	7.05	128	500	80	10.02	0.4	100	<10
	1Q08	0.45	6.8	1	487	16.3	9.19	1.5	130	<10
	2Q08	0.32	7.24	-62	504	18	12.87	2	125	14
	3Q08	0.2	7.3	-112.3	328	9.41	15.26	2.5	115	14
	4Q08	0.19	7.48	-114	532	12	12.59	6	125	13
MW-31s	2Q08	0.51	12.47	-192	1,499	>1000	15.74	1	225	0
	3Q08	0.97	6.54	-27	2,130	381	21.79	4.5	1000	400
	4Q08	0.16	8.13	34.7	488	7.64	12.99	NM-No Water	NM-No Water	NM-No Water
MW-32s	2Q08	0.33	6.9	-86	1,105	109	12.11	NM-No Water	NM-No Water	NM-No Water
	3Q08	0.07	6.47	-149.6	1,169	15.9	22.56	NM-No Water	NM-No Water	NM-No Water
	4Q08	0.41	6.68	-20.4	799	14	14.72	NM-No Water	NM-No Water	NM-No Water
MW-33s	2Q08	0.77	7.29	-74	650	682	12.98	18	180	70
	3Q08	2.55	6.06	NM	616	148	26.4	>20	310	200
	4Q08	0.21	6.44	5.7	607	14	13.1	NM-No Water	NM-No Water	NM-No Water
MW-34s	2Q08	0.51	7.01	-111	794	7	14.84	NM-No Water	NM-No Water	NM-No Water
	3Q08	0.15	6.4	-136.3	1240	12.1	20.19	NM-No Water	NM-No Water	NM-No Water
	4Q08	0.48	6.62	50.7	686	13.5	14.83	NM-No Water	NM-No Water	NM-No Water

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
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-35s	2Q08	0.37	6.78	-56	917	>1000	11.51	>20	310	70
	3Q08	1.5	6.35	-55	736	65	19.23	>20	260	50
	4Q08	1.35	6.87	-30.2	848	38.5	14.18	NM-No Water	NM-No Water	NM-No Water
GEI-2S	3Q07	0.6	6.47	-29.8	586	15	15.28	0	150	30
	2Q08	3.71	6.29	118.4	669	7.5	9.97	0	50	17
	3Q08	1.69	6.73	69	1054	10	13.45	0.6	175	25
	4Q08	0.92	6.70	42.4	313	7.42	12.19	0.1	140	12

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	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	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-5). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
SW-D-1												
*	8-Apr-05	2Q05	<	0.2	<	0.20	<	0.20	<	0.60	<	1.00
	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
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		7.3
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		4.9	<	1.2
Dilution factor for DEHP 1.03	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.33	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.3
	27-Oct-08	4Q08	<	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		30.0
	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
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0		11.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.5
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		4.4	<	1.1
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		7.1
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6		13.0
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
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0		7.3
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0

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	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-5). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.6
Dilution factor for DEHP 1.1	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.05	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		3.8	<	1.0
	18-Feb-08	1Q08D	<	1.0	<	1.0	<	5.0		3.8	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
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
	7-Feb-07	1Q07	<	1.0		2.0	<	5.0		3.8		3.3
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.0
	4-Dec-07	4Q07	<	1.0		1.4	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.08	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		4.1	<	1.1
Dilution factor for DEHP 1.08	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		9.2
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	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
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.4
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.1	3-Dec-07	4Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.03	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	J	4.0
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
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	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	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-5). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
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
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.3
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0		1.2	<	5.0		5.9	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
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
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.7
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.14	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	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
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.0
	25-Jun-07	2Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0

Table 5

L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Surface Water 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	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-5). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.05	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
Dilution factor for DEHP 10	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		150
	21-Jul-08	3Q08R		NA		NA		NA		NA		26
	15-Aug-08	3Q08(2)	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	15-Aug-08	3Q08(3)	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Oct-08	4Q08D	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
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
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		19.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	21-Jul-08	3Q08D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
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
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	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	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-5). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
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
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.14	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.11	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
RINSE BLANK												
RB-01	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
RB-01	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
RB-01	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
RB-01	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9

LEGEND

NA = Not Applicable

NS = Not Sampled

D = Duplicate sample

R = Sample was re-run by the laboratory

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)

ug/L = micrograms per liter

Surface Water Quality Standard Reference: N.J.A.C 7:9B October 2006.

(Dover) - Washington Pond outlet downstream to Rt. 46 bridge Cat 1 FW2-TM(C1)

* = 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 wetland area. Due to bottle mislabeling and laboratory error, each of the five river sample bottles (R-1 through R-5) were analyzed individually instead of as a whole set. The highest concentration detected in any of the five laboratory results for the river sample are listed under SW-R-1 for April 2005.

(2) Due to believed lab contamination of the original sample, surface water location SW-R-3 was resampled and the sample alaquot was split between two labs. These results are from Environmental Science Corporation (ESC).

(3) Due to believed lab contamination of the original sample, surface water location SW-R-3 was resampled and the sample alaquot was split between two labs. These results are from Lancaster Laboratories

Figures

NEW JERSEY

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

3754 Ranchero Drive
Ann Arbor, MI 48108-2237
Phone: 734-971-7080 • Fax: 734-971-9022

L.E. CARPENTER WHARTON, NEW JERSEY

SITE LOCATION MAP
4th QUARTER 2008

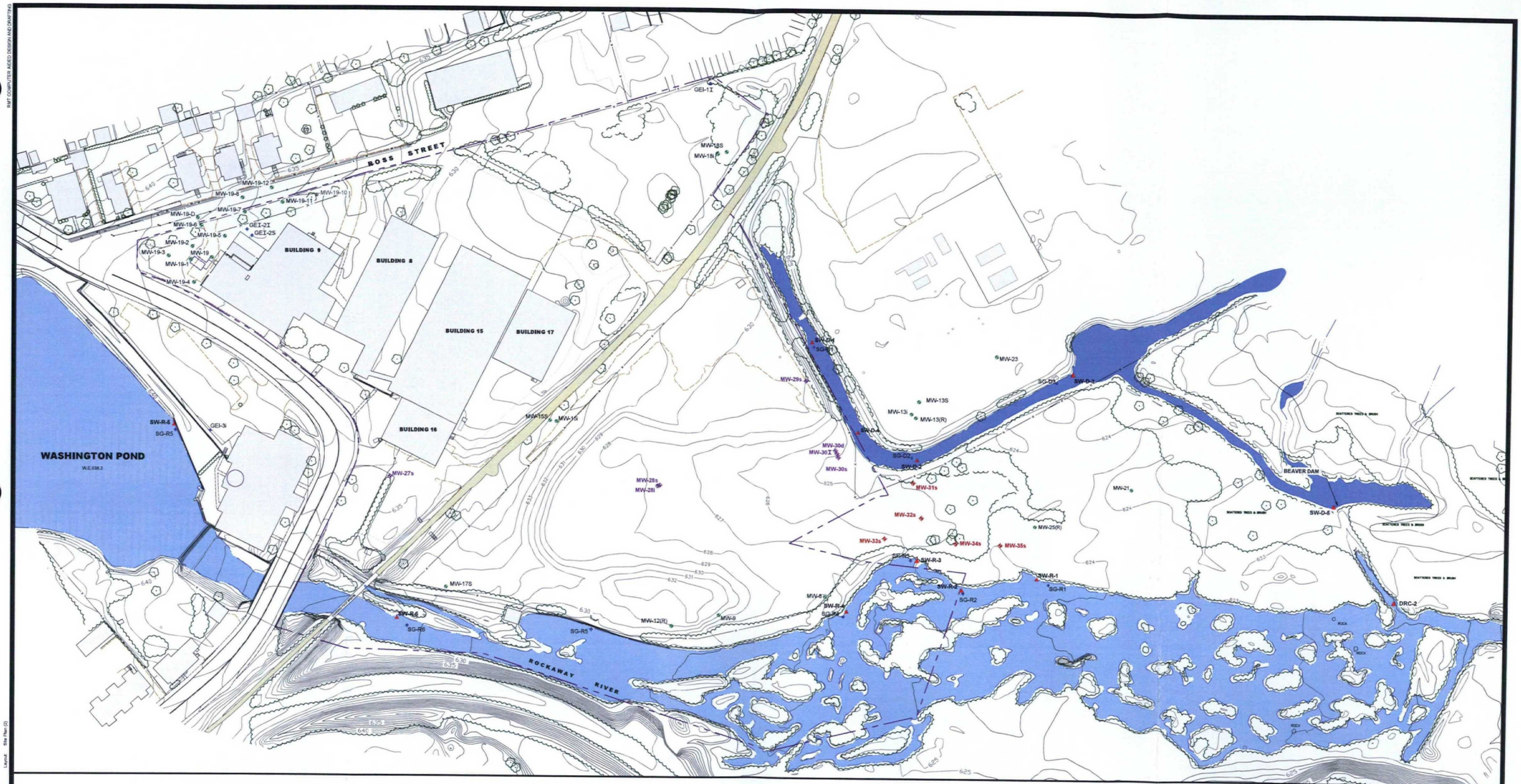
DRAWN BY:	SJL
CHECKED BY:	JO
APPROVED BY:	JD,NC
DRAWING SCALE:	SHOWN
PROJECT NUMBER:	J:\06527\33
FILE NUMBER:	6527.33.21.dwg
DATE:	January 2009

FIGURE 1

PLOT DATA:
Drawing Name: J:\06527\33\6527.33.21.dwg
Operator Name: ADAM LUCIDO
Drawing Plot Scale: 0.000500

Dwg Size: 0.17 Mb
Plot Date: January 13, 2009
Plot Time: 10:40 AM

Attached Xrefs:
Attached Images:
Layout: Dover New Jersey; RMT Trip (CLR); Site Location Map (1)



APPROXIMATE PROPERTY LINE

FENCE LINE

TREES

MW-25(R) GROUNDWATER ELEVATION MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)

MW-29s PRMP MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)

SG-R1 RIVER POINT SURFACE WATER ELEVATION

SG-D1 DRAINAGE CHANNEL POINT SURFACE WATER ELEVATION

GEI-2i PIEZOMETER LOCATION

SW-R-1 SURFACE WATER SAMPLING LOCATION (D = DITCH; R = RIVER)

630 POST-REMEDIATION GROUND SURFACE ELEVATIONS

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO. 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
2. FORMER BUILDING OPERATIONS
   - BUILDING 9: RAW MATERIAL, DRUM STORAGE, AND PRINTING
   - BUILDING 8: LAMINATION
   - BUILDING 15 and 17: INSPECTION, STORAGE, AND DISTRIBUTION
   - BUILDING 16: OFFICES

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

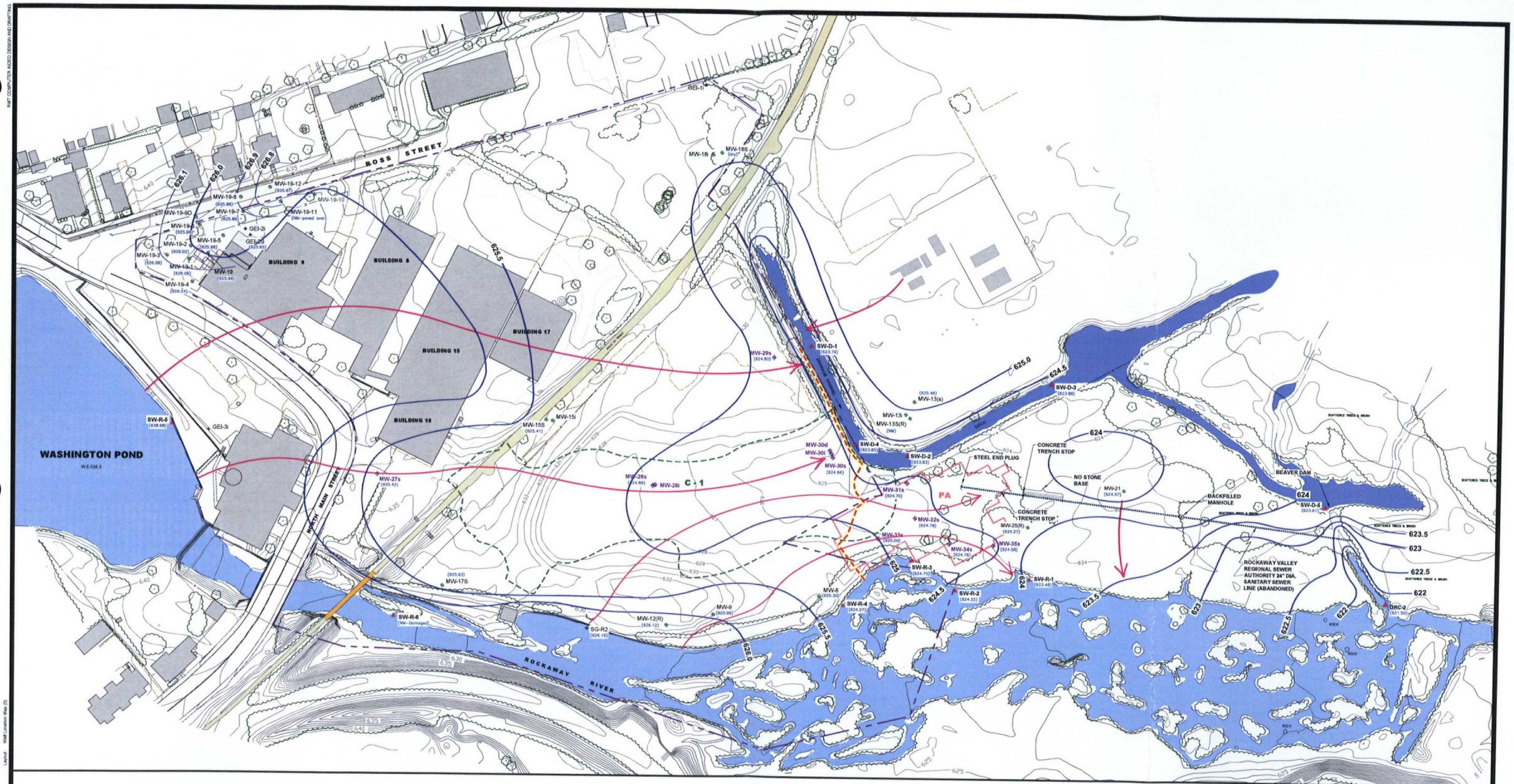
SITE PLAN WITH SAMPLE LOCATIONS
4th QUARTER 2008

DRAWN BY: SL	DRAWING SCALE: SHOWN	PROJECT NO. J:\06527\33	
CHECKED BY: JD		FILE NO. 6527.33.22.dwg	
APPROVED BY: JD	DATE PRINTED:	**FIGURE 2**	
DATE: January 2009			

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

RMT COMPUTER AIDED DESIGN AND DRAFTING

Drawing Name: 6527.33.22.dwg
Operator: JD
Drawing Plot Scale: 1:40
Layout: Site Plan (2)
Dwg Size: 3.55 Mb
Plot Date: 01-Jan-2008
Plot Time: 10:47 AM



LEGEND

- APPROXIMATE PROPERTY LINE
- FENCE LINE
- TREES
- MW-25(R) — GROUNDWATER ELEVATION MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)
- MW-29s — PRMP MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)
- SG-R1 — RIVER POINT SURFACE WATER ELEVATION
- SG-D1 — DRAINAGE CHANNEL POINT SURFACE WATER ELEVATION
- GEI-2i — PIEZOMETER LOCATION
- SW-R-1 — SURFACE WATER SAMPLING LOCATION (D = DITCH; R = RIVER)
- 626 — SHALLOW GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- 630 — POST-REMEDIATION GROUND SURFACE ELEVATIONS
- PA — AREA WHERE PCB IMPACTED SOILS WERE EXCAVATED
- C-1 — AREA WHERE THE LNAPL SMEAR ZONE WAS EXCAVATED AND LATERAL EXTENT OF SUBSURFACE SLURRY MONOLITH
- WESTERN BOUNDARY OF REGULATED WETLAND

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 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
2. FORMER BUILDING OPERATIONS
   - BUILDING 9: RAW MATERIAL, DRUM STORAGE, AND PRINTING
   - BUILDING 8: LAMINATION
   - BUILDING 15 and 17: INSPECTION, STORAGE, AND DISTRIBUTION
   - BUILDING 16: OFFICES
3. AS DESCRIBED IN THE November 2005 RAR (SEE FIGURE 9 IN THAT REPORT), THE SLURRY MONOLITH AT AND PARALLEL TO THE DRAINAGE CHANNEL DITCH ENDS APPROXIMATELY 10 FEET WEST OF THE ACTUAL WATERS EDGE.

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
4th QUARTER 2008

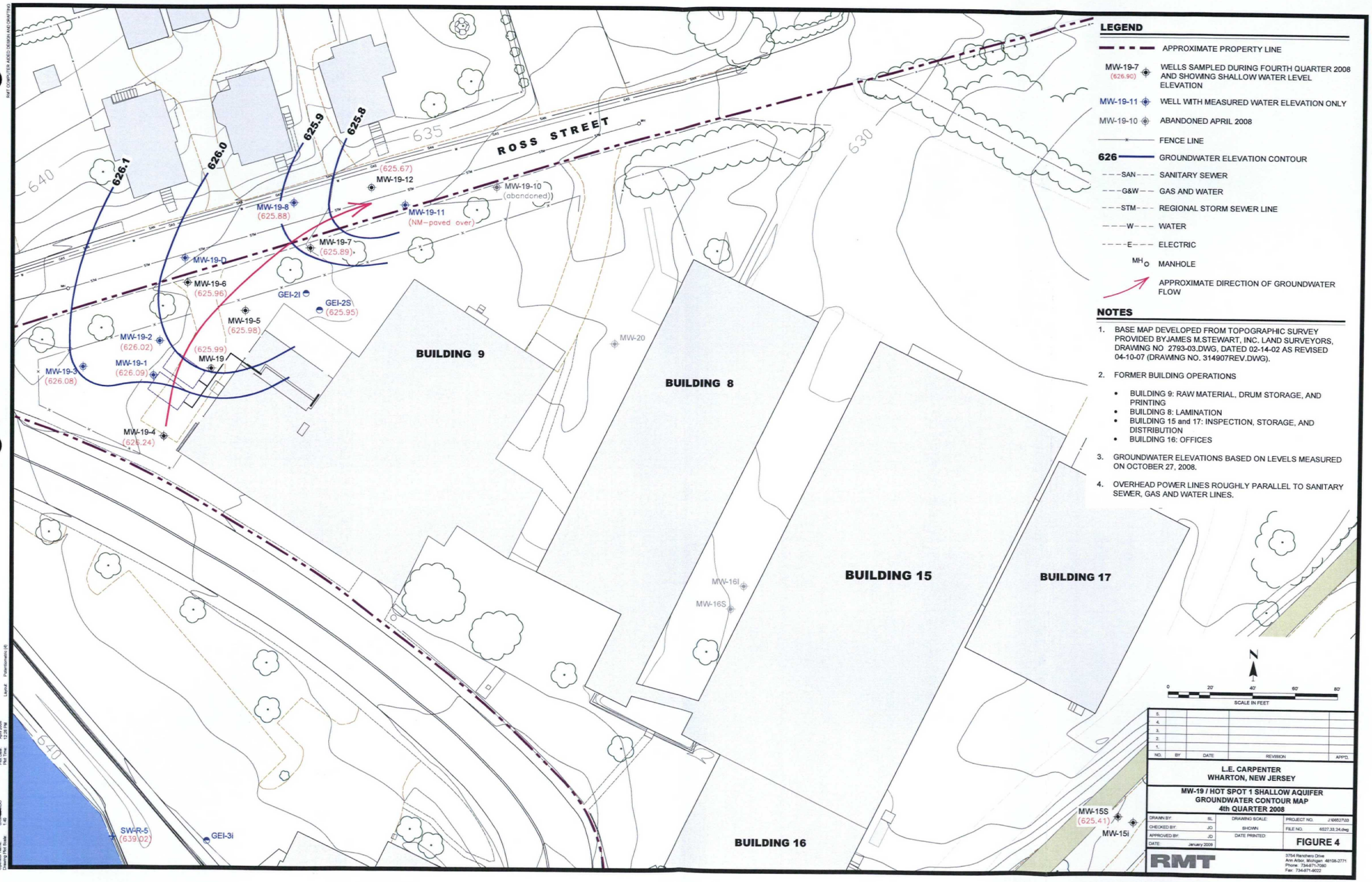
DRAWN BY:	SL	DRAWING SCALE:	PROJECT NO. J:\06527\33
CHECKED BY:	JG	SHOWN	FILE NO. 6527.33.23.dwg
APPROVED BY:	JD	DATE PRINTED:	
DATE:	January 2009		

FIGURE 3

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

RMT COMPUTER AIDED DESIGN AND DRAFTING

Drawing Name: 6527.33.23.dwg
Drawing Path: R:\Projects\
Drawing Plot Scale: 1:40
Dwg Size: 0.22 Mb
Plot Date: April 2008
Plot Time: 2:59 PM
Layout: Well Location Map (3)



LEGEND

- APPROXIMATE PROPERTY LINE
- MW-19-7 (626.90) — WELLS SAMPLED DURING FOURTH QUARTER 2008 AND SHOWING SHALLOW WATER LEVEL ELEVATION
- MW-19-11 — WELL WITH MEASURED WATER ELEVATION ONLY
- MW-19-10 — ABANDONED APRIL 2008
- 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 BYJAMES M.STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
2. FORMER BUILDING OPERATIONS
   - BUILDING 9: RAW MATERIAL, DRUM STORAGE, AND PRINTING
   - BUILDING 8: LAMINATION
   - BUILDING 15 and 17: INSPECTION, STORAGE, AND DISTRIBUTION
   - BUILDING 16: OFFICES
3. GROUNDWATER ELEVATIONS BASED ON LEVELS MEASURED ON OCTOBER 27, 2008.
4. 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

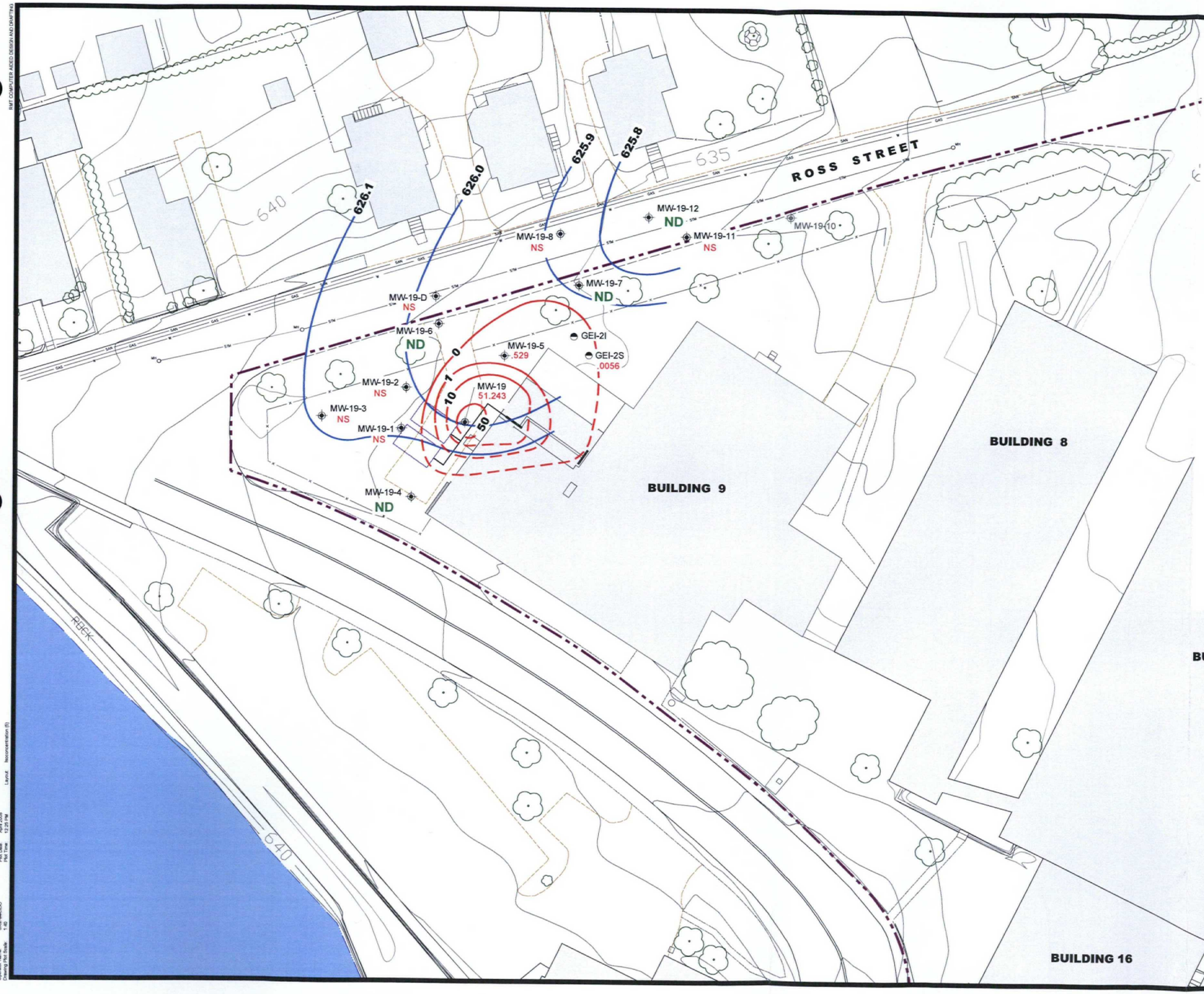
MW-19 / HOT SPOT 1 SHALLOW AQUIFER GROUNDWATER CONTOUR MAP 4th QUARTER 2008

DRAWN BY: SL	DRAWING SCALE:	PROJECT NO.	J:\06527\33
CHECKED BY: JD	SHOWN	FILE NO.	6527.33.24.dwg
APPROVED BY: JD	DATE PRINTED:	FIGURE 4	
DATE: January 2009			

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

RMT COMPUTER AIDED DESIGN AND DRAFTING

Drawing Name: 6527.33.24.dwg
Drawing Size: 8.00x5.00
Drawing Plot Scale: 1:40
Layout: Potentiometric (4)
Dwg Size: 0.13 Mb
Date Plot: 4-17-2009
Plot Time: 12:28 PM



LEGEND

- APPROXIMATE PROPERTY LINE
- MW-19-7 / 0.576 — MONITORING WELL WITH CORRESPONDING TOTAL DISSOLVED BTEX CONCENTRATION IN PPM (mg/L)
- MW-19-10 — ABANDONED APRIL 2008
- 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
- 10 — ISOCONCENTRATION LINE WHERE INFERRED CONTAMINATION (ppm) IN GROUNDWATER BASED ON SOURCE DETERMINATION (SEPT. 2007 RASR)

NOTES

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BYJAMES M.STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
2. FORMER BUILDING OPERATIONS
   - BUILDING 9: RAW MATERIAL, DRUM STORAGE, AND PRINTING
   - BUILDING 8: LAMINATION
   - BUILDING 15 and 17: INSPECTION, STORAGE, AND DISTRIBUTION
   - BUILDING 16: OFFICES
3. NS = NOT SAMPLED; ND = NOT DETECTED
4. OVERHEAD POWER LINES ROUGHLY PARALLEL TO SANITARY SEWER, GAS AND WATER LINES.
5. GROUNDWATER ELEVATIONS BASED ON LEVELS MEASURED ON OCTOBER 27, 2008.

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 2008

DRAWN BY: SL	DRAWING SCALE: SHOWN	PROJECT NO: J:\06527\33	
CHECKED BY: JD		FILE NO. 6527.33.35.dwg	
APPROVED BY: JD	DATE PRINTED:	FIGURE 5	
DATE: January 2009			

RMT

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

RMT COMPUTER AIDED DESIGN AND DRAFTING

Drawing Name 6527.33.35.dwg
Drawing Size 6.0 x 4.0
Drawing Plot Scale 1:40
Drawing Size 0.28 Mb
Plot Date Jan 2009
Plot Time 12:25 PM
Layout Isoconcentration (5)

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."

Ernie Schaub
PRINTED NAME

Manager, Environmental Services
TITLE

L.E. Carpenter & Company
COMPANY

Ernie Schaub
SIGNATURE

27 January 2009
DATE

Appendix B
Field Data Forms

RMT®

PROJECT NAME:	L. E. Carpenter
PROJECT NUMBER:	6527.33
PROJECT MANAGER:	N. Clevett
SITE LOCATION:	Wharton, NJ
DATES OF FIELDWORK:	10/27/2008 TO 10/30/2008
PURPOSE OF FIELDWORK:	Collect Static Water Levels, Ground and Surface Water Samples Wetland Inspection
WORK PERFORMED BY:	E. Vincke & S. Middlebrook

E. Vincke 11-17-08
SIGNED DATE

N. Clevett 11/23/08
CHECKED BY DATE

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 10-27-08	TIME ARRIVED: 0945
PROJECT NUMBER: 6527.33	AUTHOR: EV/SM	TIME LEFT: 1830

WEATHER

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

WORK / SAMPLING PERFORMED

* Mobe to site
* Check in w/ Dave.
* Unpack Equipment
* Perform site wide WL's.
* Pump down MW-32, MW-34, MW-35
* Sample: DRC-02, SW-D-5, SW-R-1, SW-R-2, SW-R-3 (Dup-01), SW-R-4 (MS/MSD), SW-D-4, SW-R-5, SW-R-6, SW-D-3, SW-D-2, SW-D-1.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME		
D. Condon	L.E.C.	Check In
Police	Wharton	Let them Know we are onsite for week.
N. Clevett	RMT	Site Update

E. Vail 11-17-08
SIGNED DATE

Ormonde 11/23/08
CHECKED BY DATE

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 10/28/08	TIME ARRIVED: 0620
PROJECT NUMBER: 6527.33	AUTHOR: EV/SM	TIME LEFT: 1845

WEATHER

TEMPERATURE: 32 °F WIND: 10-20 MPH VISIBILITY: Overcast/Rain/Snow

WORK / SAMPLING PERFORMED

* Pumped MW-27s dry.
* Sorted Bottles + coolers
* Sampled: MW-19-4, MW-19-12, GE1-25 (MS/MSD), ATM-01, MW-19-7 (Dup-02).
* Packed + Shipped Samples.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
Control Box	Ordered Rental

COMMUNICATION

NAME		
N. Clevett	RMT	Site update

C. Kiel 11-17-08
SIGNED DATE

D Bernardo 11/23/08
CHECKED BY DATE

RMT

GENERAL NOTES

PROJECT NAME:	L. E. Carpenter	DATE:	10/29/08	TIME ARRIVED:	0620
PROJECT NUMBER:	6527.33	AUTHOR:	EV/SM	TIME LEFT:	1845

WEATHER

TEMPERATURE: 40'S °F WIND: 5-10 MPH VISIBILITY: Cloudy

WORK / SAMPLING PERFORMED

* Sampled: MW-19-6, MW-19-5, MW-19 MW-25 (R), MW-29S (Dup-03), MW-30S, MW-30D, MW-30I, MW-28I, MW-28S, MW-8

* Pack & Ship Samples.

* Pumped down MW-31 & MW-33

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME		

E. Vaid 11/17/08
SIGNED DATE

dl Vernovde 11/23/08
CHECKED BY DATE

RMT

GENERAL NOTES

PROJECT NAME:	L. E. Carpenter	DATE:	18/30/08	TIME ARRIVED:	0620
PROJECT NUMBER:	6527.33	AUTHOR:	EV/SM	TIME LEFT:	1500

WEATHER

TEMPERATURE: 40's °F WIND: 5-10 MPH VISIBILITY: Cloudy

WORK / SAMPLING PERFORMED

Sampled: MW-27s, MW-31s, MW-32s, MW-33s, MW-34s, MW-35s, RB-02, RB-03

Packed & Shipped Equipment

EWMI pumped out Polytank

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME		

E. [illegible] 11/17/08
SIGNED DATE

[illegible] 11/23/08
CHECKED BY DATE

RMT

EQUIPMENT SUMMARY

PROJECT NAME:	L. E. Carpenter	SAMPLER NAME:	E. Vincke & S. Middlebrook
PROJECT NO.:	6527.33		

WATER LEVEL MEASUREMENTS COLLECTED WITH:

QED	LEC
NAME AND MODEL OF INSTRUMENT	SERIAL NUMBER (IF APPLICABLE)

PRODUCT LEVEL MEASUREMENTS COLLECTED WITH:

Heron	LEC
NAME AND MODEL OF INSTRUMENT	SERIAL NUMBER (IF APPLICABLE)

DEPTH TO BOTTOM OF WELL MEASUREMENTS COLLECTED WITH:

QED	LEC
NAME AND MODEL OF INSTRUMENT	SERIAL NUMBER (IF APPLICABLE)

PURGING METHOD

BLADDER PUMP (QED SAMPLE PRO)	GRR 1
NAME AND MODEL OF PUMP OR TYPE OF BAILER	SERIAL NUMBER (IF APPLICABLE)

SAMPLING METHOD

BLADDER PUMP (QED SAMPLE PRO)	GRR 1
NAME AND MODEL OF PUMP OR TYPE OF BAILER	SERIAL NUMBER (IF APPLICABLE)
GEOTECH DISPOSABLE FILTER	0.45 MICRON
NAME AND MODEL OF FILTERATION DEVICE	FILTER TYPE AND SIZE
DISPOSABLE POLY TUBING	☑ LOW-FLOW SAMPLING EVENT
TUBING TYPE	

PURGE WATER DISPOSAL METHOD

☐ GROUND ☐ DRUM ☐ POTW ☑ POLYTANK ☐ OTHER _____

DECONTAMINATION AND FIELD BLANK WATER SOURCE

NA	STORE BOUGHT
POTABLE WATER SOURCE	DI WATER SOURCE

E. Vincke	11-17-08	[illegible]	11/28/08
SIGNED	DATE	CHECKED BY	DATE

RMT

EQUIPMENT SUMMARY

PROJECT NAME:	L. E. Carpenter	SAMPLER NAME:	E. Vincke & S. Middlebrook
PROJECT NO.:	6527.33		

WATER LEVEL MEASUREMENTS COLLECTED WITH:

NAME AND MODEL OF INSTRUMENT	SERIAL NUMBER (IF APPLICABLE)
QED	GRR

PRODUCT LEVEL MEASUREMENTS COLLECTED WITH:

NAME AND MODEL OF INSTRUMENT	SERIAL NUMBER (IF APPLICABLE)
NA	NA

DEPTH TO BOTTOM OF WELL MEASUREMENTS COLLECTED WITH:

NAME AND MODEL OF INSTRUMENT	SERIAL NUMBER (IF APPLICABLE)
QED	GRR

PURGING METHOD

NAME AND MODEL OF PUMP OR TYPE OF BAILER	SERIAL NUMBER (IF APPLICABLE)
BLADDER PUMP (QED SAMPLE PRO)	GRR 2

SAMPLING METHOD

NAME AND MODEL OF PUMP OR TYPE OF BAILER	SERIAL NUMBER (IF APPLICABLE)
BLADDER PUMP (QED SAMPLE PRO)	GRR 2

NAME AND MODEL OF FILTERATION DEVICE	FILTER TYPE AND SIZE
GEOTECH DISPOSABLE FILTER	0.45 MICRON

TUBING TYPE	
DISPOSABLE POLY TUBING	☑ LOW-FLOW SAMPLING EVENT

PURGE WATER DISPOSAL METHOD

☐ GROUND ☐ DRUM ☐ POTW ☑ POLYTANK ☐ OTHER _____

DECONTAMINATION AND FIELD BLANK WATER SOURCE

POTABLE WATER SOURCE	DI WATER SOURCE
NA	STORE BOUGHT

SIGNED	DATE	CHECKED BY	DATE
E. Vincke	11-17-08	D. Vermeulen	11/28/08

RMT

CALIBRATION LOG

PROJECT NAME:	L. E. Carpenter	MODEL:	YSI 556	SAMPLER:	EV/SM
PROJECT NO.:	6527.33	SERIAL #:	6RR	DATE:	10/27/08

PH CALIBRATION CHECK

PH 7 (LOT NUMBER) 2704348 10/08	PH 4 / 10 (LOT NUMBER) 2705103 11/08	TIME
7.14 / 7.00	9.77 / 10.00	1245
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER) 2801204 01/09	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1178 / 1173	15.96	1413	1448
/			
/			
/			

D.O. CALIBRATION CHECK 8A1259 6/09

CALIBRATION READING (mg/L)	TIME
9.70	1450

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #)	(LOT #)	TIME
0.0 / 0.0	1.03 / 1.00	1454
/	9.49 / 10.00	
/	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER) 8A1259 6/09	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
223.4 / 227	15.26	224	1452
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
Short sampling day	

SIGNED [signature] DATE 10/27/08

CHECKED BY [signature] DATE 11/28/08

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: QED MP-10	SAMPLER: EV/SM
PROJECT NO.: 6527.33	SERIAL #: GRR	DATE: 10/28/08

PH CALIBRATION CHECK

PH 7 (LOT NUMBER) 27043118 10/08	PH 4 / 10 (LOT NUMBER) 8705103 11/08	TIME
7.02 / 7.00	10.14 / 10.00	0824
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER) 2801204 01/09	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1413 / ~~1095~~ 1413	12.36	1413	0828
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
6.83	0837

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #) / (LOT #)	TIME
/ /	
/ /	
/ /	
/ /	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER) 8A1359 06/09	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
/ 228	12.18	224	0834
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
Short sampling day	

SIGNED [signature] DATE 10/28/08

CHECKED BY [signature] DATE 11/28/08

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME:	L. E. Carpenter	MODEL:	YSI 556 QED	SAMPLER:	EV/SM
PROJECT NO.:	6527.33	SERIAL #:	LEC	DATE:	10/28/08

PH CALIBRATION CHECK

PH 7 (LOT NUMBER) 2704348 10/08			PH 4 (10) (LOT NUMBER) 2705103 11/08			TIME
6.89	/	7.00	9.76	/	10.00	0755
	/			/		
	/			/		
	/			/		

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER) 2801204 01/09			TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1009	/	958	7.81	1413	0759
	/				
	/				
	/				

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
10.78	0806

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #) P887561		(LOT #) P887309		TIME
0.7	/ 10.0	9.75	/ 10.0	0809
	/		/	
	/		/	
	/		/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER)			TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
244.4	/	231	6.79	224	0804
	/				
	/				
	/				

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

SIGNED [signature] DATE 12-7-08

CHECKED BY [signature] DATE 11/28/08

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: YSI 556	SAMPLER: EV/SM
PROJECT NO.: 6527.33	SERIAL #: 6RR	DATE: 10/29/08

PH CALIBRATION CHECK

PH 7 (LOT NUMBER) 2704348 10/08	PH 4 / 10 (LOT NUMBER) 2705103 11/08	TIME
~~6.96~~ / 7.00	10.17 / 10.00	0648
7.01 / 7.00	9.98 / 10.00	1406
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER) 2801204 01/09	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1082 / 1020	10.12	1413	0652
1102 / 1070	12.09	1413	1409
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
10.84	0659
11.35	1415

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #) ~~8887311~~ (LOT #) 1887309	TIME
~~10.08 / 10.0~~ 10.08 / 10.0	0702
0.74 / 1.0 /	
0.22 / 1.0 10.37 / 10.0	1412
/ /	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER) 8A1259 06/09	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
223.9 / 230	9.79	230	0656
/ 228	12.31	~~224~~ 230	1411
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

Scott Middlebrook 12-7-08
SIGNED DATE

D Vernarde 11/28/08
CHECKED BY DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME:	L. E. Carpenter	MODEL:	QED MP-10	SAMPLER:	EV/SM
PROJECT NO.:	6527.33	SERIAL #:	LEC	DATE:	10/29/08

PH CALIBRATION CHECK

PH 7 (LOT NUMBER) 2704348	PH 4 (10) (LOT NUMBER) 2705103	TIME
7.12 / 7.00	9.99 / 10.00	0735
7.42 / 7.00	10.18 / 10.00	1215
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER) 2801204	TEMPERATURE (CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1419 / 1413	8.47	EV 956 1413	0735
1401 / 1413	33.40	1413	1221
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
8.46	0743
9.14	1218

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): P887311	(LOT #): P887309	TIME
47 / 50	/	0737
474 / 500	/	
5 / 10	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER) 8A1259	TEMPERATURE (CELSIUS)	CORRECTED ORP (mV)	TIME
236 / 231	8.17	231	0733
201 / 223	20.77	223	1213
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

E. Kuck 10/29/08
SIGNED DATE

D Hernandez 11/28/08
CHECKED BY DATE

RMT

WATER LEVEL DATA

PROJECT NAME:	L. E. Carpenter	DATE:	10/27/08
PROJECT NUMBER:	6527.33	AUTHOR:	EV/SM

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-19	1601		9.91	16.66		
MW-19-1	1553		9.55	—		
MW-19-2	1554		10.28	—		
MW-19-3	1552		10.62	—		
MW-19-4	1550		9.19	16.13		
MW-19-5	1607		9.58	15.53		
MW-19-6	1526		9.86	19.49		
MW-19-7	1528		9.11	20.30		
MW-19-8	1530		9.48	—		
MW-19-9D	1524		9.66	—		
MW-19-10	—		NM	—		
MW-19-11	—		NM	—		
MW-19-12	1533		8.79	16.78		
GEI-2I	1557		11.30	—		
GEI-2S	1559		11.12	19.68		
GEI-3I	1618		13.41	—		
MW-15S	1514		10.76	—		
MW-15I	1515		10.86	—		
MW-18S	1711		5.42	—		
MW-18I	1710		5.09	—		
MW-17S	1039		3.76	—		
MW-12R	1045		7.61	—		
MW-9	1048		3.59	—		
MW-8	1050		2.89	20.23		
MW-25R	1102		2.35	9.58		
MW-21	1105		3.63	—		
MW-27S	1318		9.65	13.13		
MW-28S	1257		6.25	17.71		

MW-28I	1255		6.15	22.90		
MW-29S	1502		7.86	14.67		
MW-30S	1249		3.60	12.16		
MW-30I	1247		3.36	18.18		
MW-30D	1246		3.38	—		
MW-31s	1224		5.12	—		
MW-32s	1226		5.40	—		
MW-33s	1217		5.91	—		product on tip too small to measure
MW-34s	1219		5.17	—		
MW-35s	1222		4.61	—		
SW-D-1	1750		1.99	—		
SW-D-2	1747		2.24	—		
SW-D-3	1737		1.82	—		
SW-D-4	12.35		1.08	—		
SW-D-5	1125		3.25	—		
SW-R-1	1135		2.39	—		
SW-R-2	1140		2.32	—		
SW-R-3	1155		1.50	—		
SW-R-4	1215		2.30	—		
SW-R-5	1620		1.64	—		
1630 SW-R-6	—		NM	—		
DRC-2	1110		1.79	—		
SG-R2	1042		2.44	—		
MW-13S	1739		5.15			
MW-13I	1740		5.13			
MW-13S (R)	NM		NM			

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

SIGNED: [signature] DATE: 10/27/08

CHECKED: [signature] DATE: 11/28/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: dO	DATE: 11/28/08

SAMPLE ID: DRC-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: 1110	DATE: 10/27/08
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: °C	OTHER:	
VOLUME REMOVED ☑ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☑ NO		
TURBIDITY:			FILTRATE COLOR: NA	FILTRATE ODOR: NA	
☐ 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
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195163	SIGNATURE: E. Vanil	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: JO	DATE: 11/28/08

SAMPLE ID: SW-D-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: 1125	DATE: 10/27/08
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: ____ SU	CONDUCTIVITY: umhos/cm	
			ORP: ____ mv	DO: ____ mg/L	
DEPTH TO WATER: ____ ft PVC			TURBIDITY: ____ NTU		
DEPTH TO BOTTOM ____ ft 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: NA	FILTRATE ODOR: NA	
☐ 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
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 1951163	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: [illegible]	DATE: 11/28/08

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: 1135	DATE: 10/27/08
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: 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: NA	FILTRATE ODOR: NA	
☐ 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
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195163	SIGNATURE: [illegible]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: XO	DATE: 11/28/08

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: 1140	DATE: 10/27/08

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: NA ☑ LITERS ☐ GALLONS	TEMPERATURE: NA °C / OTHER:
VOLUME REMOVED ____ ☑ LITERS ☐ GALLONS	COLOR: NA / ODOR:
COLOR: ____ ODOR: ____	FILTRATE (0.45 um) ☐ YES ☑ NO
TURBIDITY: ____	FILTRATE COLOR: NA / FILTRATE ODOR: NA
☐ 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
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 1951163	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: JO	DATE: 11/28/08

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: 1155	DATE: 10/27/08
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: NA	FILTRATE ODOR: NA	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☑ DUP- 01		
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
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195163	SIGNATURE: E. Vanil	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: dO	DATE: 11/28/08

SAMPLE ID: Sto-R-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: 1215	DATE: 10/27/08
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: NA	FILTRATE ODOR: NA	
☐ 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

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
16	40 mL	VOA	E	☐ Y ☑ N	24	1 L	AMBER	F	☐ Y ☑ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195163	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: SD	DATE: 11/28/08

SAMPLE ID: 3W-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: 1235	DATE: 10/27/08
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: NA	FILTRATE ODOR: NA	
☐ 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
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pick Up	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195163	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: JO	DATE: 11/28/08

SAMPLE ID: SW-RX-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: 1620	DATE: 10/27/08
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: NA	FILTRATE ODOR: NA	
☐ 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
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195163	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: LO	DATE: 11/28/08

SAMPLE ID: SW-B-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: 1630	DATE: 10/27/08
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: NA	FILTRATE ODOR: NA	
☐ 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

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
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195163	SIGNATURE: E. Kuid	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: LO	DATE: 11/28/08

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: 1737	DATE: 10/27/08
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: NA ☑ LITERS ☐ GALLONS			TEMPERATURE: NA °C	OTHER:	
VOLUME REMOVED ☑ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☑ NO		
TURBIDITY:			FILTRATE COLOR: NA	FILTRATE ODOR: NA	
☐ 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
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195162	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: [illegible]	DATE: 11/28/08

SAMPLE ID: SW-D-9

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: 1747	DATE: 10/27/08
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: NA	FILTRATE ODOR: NA	
☐ 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
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195162	SIGNATURE: [illegible]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: DO	DATE: 11/28/08

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: 1750	DATE: 10/27/08
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 NA 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: NA	FILTRATE ODOR: NA	
☐ 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
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195162	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: JO	DATE: 11/03/08

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: 1810	DATE: 10/27/08
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: °C	OTHER:	
VOLUME REMOVED ☑ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☑ NO		
TURBIDITY:			FILTRATE COLOR: NA	FILTRATE ODOR: NA	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS: SS LEC Scoop		

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
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195162	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/28/08	BY: CO	DATE: 11/28/08

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: 0958	DATE: 10-28-08	SAMPLE	TIME: 1043	DATE: 10/28/08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ BAILER		PH: 6.55 SU	CONDUCTIVITY: 1133 umhos/cm	
			ORP: 92 mv	DO: 1.40 mg/L	
DEPTH TO WATER: 8.90 T/ PVC			TURBIDITY: 9 NTU		
DEPTH TO BOTTOM 16.13 T/ PVC			☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 4.69 ☑ LITERS ☐ GALLONS			TEMPERATURE: 15.49 °C	OTHER:	
VOLUME REMOVED 18 ☑ LITERS ☐ GALLONS			COLOR: Clr	ODOR: None	
COLOR: orange	ODOR: none		FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: cloudy			FILTRATE COLOR: Clr	FILTRATE ODOR: None	
☐ NONE ☐ SLIGHT ☐ MODERATE ☒ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: CO_2 → 19 ppm, Alk → 130 ppm Ferrous → 0.1 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)
0958	400	6.93	1429	158	7.40	345	14.26	8.90	INITIAL
1003	↓	6.60	1403	106	0.69	175	15.00	9.02	2.0
1008	↓	6.56	1325	102	0.34	76	15.38	8.98	4.0
1013	↓	6.55	1288	94	0.43	60	15.40	9.04	6.0
1018	↓	6.54	1223	84	0.56	62	15.51	9.05	8.0
1023	↓	6.53	1190	80	0.76	50	15.44	9.06	10.0
1028	↓	6.55	1171	82	1.13	50	15.41	9.06	12.0
1033	↓	6.57	1151	89	1.28	27	15.59	9.06	14.0
1038	↓	6.55	1139	92	1.33	16	15.44	9.06	16.0
1043	✓	6.55	1133	92	1.40	9	15.49	9.06	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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195162	SIGNATURE: [signature]	DATE SIGNED: 10/28/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/28/08	BY: 40	DATE: 11/28/08

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: 1125	DATE: 10-28-08	SAMPLE	TIME: 1420	DATE: 10/28/08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER

DEPTH TO WATER: 8.60 T/ PVC

DEPTH TO BOTTOM 16.78 T/ PVC

WELL VOLUME: 5.30 ☑ LITERS ☐ GALLONS

VOLUME REMOVED 8.0 ☑ LITERS ☐ GALLONS

COLOR: clr w/ floaters ODOR: none

TURBIDITY: slight

☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

PH: 6.72 SU CONDUCTIVITY: 500 umhos/cm

ORP: 91 mv DO: 4.63 mg/L

TURBIDITY: 2 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 13.64 °C OTHER:

COLOR: clr ODOR: none

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: clr FILTRATE ODOR: None

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS: Control Box Quit, Worked After Lunch

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)
1125	400	6.84	508	77	5.50	66	11.98	8.60	INITIAL
1130	↓	6.74	499	77	4.93	39	13.32	8.61	2.0
1135	↓	6.72	499	83	4.77	16	13.55	8.61	4.0
1140	↓	6.71	501	89	4.64	5	13.50	8.61	6.0
1145	↓	6.72	500	91	4.63	2	13.64	8.61	8.0
				Ferrous → 0.1	ppm				
				Alk → 110	ppm				
				CO_2 → 12	ppm				

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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: FedEx	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195165	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

800-
393-
4209

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/28/08	BY: LD	DATE: 11/18/08

SAMPLE ID: GEI-2S

WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☒ PVC ☐ SS ☐ IRON ☐ OTHER

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

PURGING TIME: 1505 DATE: 10/28/08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER

DEPTH TO WATER: 10.75 T/ PVC

DEPTH TO BOTTOM 19.68 T/ PVC

WELL VOLUME: 5.79 ☑ LITERS ☐ GALLONS

VOLUME REMOVED 8.0 ☑ LITERS ☐ GALLONS

COLOR: L. Brn ODOR: None

TURBIDITY: 54.8

☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

SAMPLE TIME: 1525 DATE: 10/28/08

PH: 6.70 SU CONDUCTIVITY: 313 umhos/cm

ORP: 42.4 mv DO: 0.92 mg/L

TURBIDITY: 7.42 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 12.19 °C OTHER:

COLOR: Clr ODOR: None

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: Clr FILTRATE ODOR: None

QC SAMPLE: ☒ MS/MSD ☐ DUP-

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)
1505	400	6.92	237	58.3	2.65	54.8	6.88	10.75	INITIAL
1510	↓	6.82	297	53.0	1.53	17.3	11.95	10.75	2.0
1515		6.78	309	48.1	1.03	7.36	12.11	10.75	4.0
1520		6.72	3[illegible]	44.8	0.99	6.39	12.04	10.75	6.0
1525	↓	6.70	313	42.4	0.92	7.42	12.19	10.75	8.0
			Ferrous → 0.1 ppm						
			Alk → 140 ppm						
			CO_2 → 12 ppm						

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
7/10	40 mL	VOA	E	☐ Y ☑ N	7/4	1 L	AMBER	F	☐ Y ☑ N
2	40 mL	VOA	A	☐ Y ☑ N	2	500mL	PLASTIC	A	☐ Y ☑ N
2	40 mL	VOA	C	☐ Y ☑ N	2	500mL	PLASTIC	B	☑ Y ☐ N
7/4	1 L	GLASS	C	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
2	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195165	SIGNATURE: S. [illegible]	DATE SIGNED: 10/28/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/28/08	BY: LO	DATE: 11/28/08

SAMPLE ID: ATM-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: 1555	DATE: 10/28/08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ 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
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195165	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/28/08	BY: [illegible]	DATE: 11/28/08

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: 1635	DATE: 10/28/08	SAMPLE	TIME: 1655	DATE: 10/28/08
PURGE METHOD: [X] PUMP BLADDER PUMP (QED) [ ] BAILER			PH: 6.42 SU	CONDUCTIVITY: 806 umhos/cm	
			ORP: 50.9 mv	DO: 0.23 mg/L	
DEPTH TO WATER: 8.60 T/ PVC			TURBIDITY: 9.13 NTU		
DEPTH TO BOTTOM 20.30 T/ PVC			[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 7.58 [X] LITERS [ ] GALLONS			TEMPERATURE: 15.77 °C	OTHER:	
VOLUME REMOVED 8.0 [X] LITERS [ ] GALLONS			COLOR: CLR	ODOR: None	
COLOR: CLR/Float	ODOR: None		FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: 32.7			FILTRATE COLOR: CLR	FILTRATE ODOR: None	
[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [X] DUP- 02		
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)
1635	400	6.09	611	143.2	5.75	32.7	13.35	8.60	INITIAL
1640	↓	6.51	787	72.5	0.26	17.2	15.45	8.62	2.0
1645	↓	6.48	796	63.4	0.22	14.6	15.66	8.62	4.0
1650	↓	6.44	805	54.2	0.25	11.2	15.82	8.62	6.0
1655	↓	6.42	806	50.9	0.23	9.13	15.77	8.62	8.0
				Ferrous →	0.6	ppm			
				Alk →	130	ppm			
				CO_2 →	14	ppm			

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 [X] N	4	1 L	AMBER	F	[ ] Y [X] N
2	40 mL	VOA	A	[ ] Y [X] N	2	500mL	PLASTIC	A	[ ] Y [X] N
2	40 mL	VOA	C	[ ] Y [X] N	2	500mL	PLASTIC	B	[X] Y [ ] N
4	1 L	GLASS	C	[ ] Y [X] N	2	1 L	PLASTIC	A	[ ] Y [X] N
2	125 mL	PLASTIC	F	[ ] Y [X] N					

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 10/28/08	AIRBILL NUMBER: NA
COC NUMBER: 195165	SIGNATURE: [signature]	DATE SIGNED: 10/28/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: JO	DATE: 11/28/08

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

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 0747	DATE: 10/29/08	SAMPLE	TIME: 0807	DATE: 10/29/08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ BAILER		PH: 6.80 SU	CONDUCTIVITY: 1550 umhos/cm	
			ORP: 62 mv	DO: 2.23 mg/L	
DEPTH TO WATER: 8.91 T/ PVC			TURBIDITY: 9 NTU		
DEPTH TO BOTTOM 19.49 T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 6.86 ☑ LITERS ☐ GALLONS			TEMPERATURE: 15.15 °C	OTHER:	
VOLUME REMOVED 8 ☑ LITERS ☐ GALLONS			COLOR: CLR	ODOR: None	
COLOR: Org/Floaters	ODOR: None		FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: 436			FILTRATE COLOR: CLR	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)
0747	400	7.68	1399	60	4.98	436	13.09	8.91	INITIAL
0752	↓	6.90	1550	72	2.38	127	15.11	8.96	2.0
0757	↓	6.81	1560	68	2.27	26	15.13	8.96	4.0
0802	↓	6.79	1550	66	2.26	13	15.14	8.96	6.0
0807	↓	6.80	1550	62	2.23	9	15.15	8.96	8.0
				Ferrous →		0.8 ppm			
				CO_2 →		19 ppm			
				ALK →		155 ppm			

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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/29/08	AIRBILL NUMBER: NA
COC NUMBER: 195164	SIGNATURE: E. Vasil	DATE SIGNED: 10/29/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: DO	DATE: 11/28/08

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: 0845	DATE: 10/29/08	SAMPLE	TIME: 0920	DATE: 10/29/08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER	PH: 6.38 SU; CONDUCTIVITY: 214 umhos/cm; ORP: 76 mv; DO: 3.29 mg/L
DEPTH TO WATER: 8.59 T/ PVC	TURBIDITY: 7 NTU
DEPTH TO BOTTOM 15.53 T/ PVC	☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY
WELL VOLUME: 4.50 ☑ LITERS ☐ GALLONS	TEMPERATURE: 15.01 °C; OTHER:
VOLUME REMOVED 14 ☑ LITERS ☐ GALLONS	COLOR: clr; ODOR: None
COLOR: Cloudy; ODOR: None	FILTRATE (0.45 um) ☑ YES ☐ NO
TURBIDITY: 410	FILTRATE COLOR: clr; 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)
0845	400	7.19	239	41	6.46	410	12.82	8.59	INITIAL
0850	↓	6.48	221	35	3.76	308	14.69	8.72	2.0
0855		6.46	221	37	3.76	173	14.84	8.73	4.0
0900		6.43	218	43	3.69	75	14.93	8.73	6.0
0905		6.41	216	53	3.60	31	14.93	8.73	8.0
0910		6.40	214	61	3.53	16	14.95	8.73	10.0
0915		6.38	214	68	3.42	13	14.96	8.73	12.0
0920		6.38	214	76	3.29	7	15.01	8.73	14.0
			Ferrous → 0.2 ppm			Alk → 75 ppm		CO_2 → 26 ppm	

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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD:	Lab Pickup	DATE SHIPPED:	10/29/08	AIRBILL NUMBER:	NA
COC NUMBER:	195164	SIGNATURE:	E Kuehl	DATE SIGNED:	10/29/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: [illegible]	DATE: 11/28/08

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: 0955	DATE: 10/29/08	SAMPLE	TIME: 1025	DATE: 10/29/08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ BAILER		PH: 6.63 SU	CONDUCTIVITY: 1065 umhos/cm	
			ORP: -107 mv	DO: 0.12 mg/L	
DEPTH TO WATER: 8.78 T/ PVC			TURBIDITY: 5 NTU		
DEPTH TO BOTTOM 16.66 T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 19.54 ☑ LITERS ☐ GALLONS			TEMPERATURE: 14.33 °C	OTHER:	
VOLUME REMOVED 12 ☑ LITERS ☐ GALLONS			COLOR: CLR	ODOR: Slight	
COLOR: CLR	ODOR: Slight		FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: 12			FILTRATE COLOR: CLR	FILTRATE ODOR: Slight	
☒ 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)
0955	400	6.22	1087	-87	4.66	12	11.96	8.78	INITIAL
1000	↓	6.39	1103	-71	0.33	8	14.10	8.90	2.0
1005		6.44	1096	-83	0.21	5	14.09	8.90	4.0
1010		6.51	1081	-93	0.15	4	14.37	8.90	6.0
1015		6.58	1075	-101	0.13	4	14.46	8.90	8.0
1020		6.60	1074	-104	0.11	4	14.38	8.90	10.0
1025	↓	6.63	1065	-107	0.12	5	14.33	8.90	12.0
				Ferrous → >10 ppm					
				Alk → 210 ppm					
				CO_2 → 30 ppm					

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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/29/08	AIRBILL NUMBER: NA
COC NUMBER: 195164	SIGNATURE: [illegible]	DATE SIGNED: 10/29/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: JO	DATE: 11/28/08

SAMPLE ID: MW-25L

WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 1042	DATE: 10/29/08	SAMPLE	TIME: 1127	DATE: 10/29/08

PURGE METHOD: ☒ PUMP BLADDER PUMP (QED) ☐ BAILER

DEPTH TO WATER: 2.22 T/ PVC

DEPTH TO BOTTOM 9.58 T/ PVC

WELL VOLUME: 4.77 ☒ LITERS ☐ GALLONS

VOLUME REMOVED 18.0 ☒ LITERS ☐ GALLONS

COLOR: light brn ODOR: none

TURBIDITY: ~~Eto~~ moderate

☐ NONE ☒ SLIGHT ☒ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☒ OTHER

PH: 7.25 SU CONDUCTIVITY: 227 umhos/cm

ORP: 22.7 mv DO: 1.66 mg/L

TURBIDITY: 5.90 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 9.60 °C OTHER:

COLOR: clr ODOR: none

FILTRATE (0.45 um) ☒ YES ☐ NO

FILTRATE COLOR: clr. FILTRATE ODOR: none

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS: CO_2 <10 Ferrous-1 ALK-70

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)
1042	400	7.30	333	97.6	3.51	89.3	11.58	2.22	INITIAL
1047	↓	7.35	345	42.7	0.35	50.6	11.76	2.25	2.0
1052	↓	7.36	337	33.1	0.22	20.0	11.16	2.25	4.0
1057	↓	7.35	330	28.9	0.27	14.0	10.81	2.25	6.0
1102	↓	7.35	314	25.8	0.49	9.37	10.53	2.25	8.0
1107	↓	7.33	281	23.8	0.92	7.96	10.17	2.25	10.0
1112	↓	7.31	260	23.1	1.27	6.97	9.97	2.25	12.0
11[illegible]	↓	7.29	243	22.7	1.47	6.56	9.81	2.25	14.0
1122	↓	7.28	232	22.7	1.65	6.40	9.64	2.25	16.0
1127	↓	7.25	227	22.7	1.66	5.90	9.60	2.25	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	1	500mL	PLASTIC	A	☐ Y ☒ N
1	40 mL	VOA	C	☐ Y ☒ N	1	500mL	PLASTIC	B	☒ Y ☐ N
2	1 L	GLASS	C	☐ Y ☒ N	1	1 L	PLASTIC	A	☐ Y ☒ N
1	125 mL	PLASTIC	F	☐ Y ☒ N					

SHIPPING METHOD: Courier	DATE SHIPPED: 10/29/08	AIRBILL NUMBER: NA
COC NUMBER: 195164	SIGNATURE: Scott Middlebrook	DATE SIGNED: 10/29/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: KO	DATE: 11/28/08

SAMPLE ID: MW-29s

WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 1117	DATE: 10/29/08	SAMPLE	TIME: 1152	DATE: 10/29/08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ BAILER		PH: 6.91 SU	CONDUCTIVITY: 798 umhos/cm	
			ORP: -127 mv	DO: 0.09 mg/L	
DEPTH TO WATER: 7.08 T/ PVC			TURBIDITY: 6 NTU		
DEPTH TO BOTTOM 14.67 T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 4.92 ☑ LITERS ☐ GALLONS			TEMPERATURE: 17.60 °C	OTHER:	
VOLUME REMOVED 14 ☑ LITERS ☐ GALLONS			COLOR: CLR	ODOR: None	
COLOR: CLR/Float.-Cloudy	ODOR: None		FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: 29			FILTRATE COLOR: CLR	FILTRATE ODOR: None	
☐ 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)
1117	400	6.83	795	-61	6.75	29	14.07	7.08	INITIAL
1122	↓	6.80	801	-110	0.41	308	17.34	7.22	2.0
1127		6.84	798	-118	0.30	174	17.27	7.22	4.0
1132		6.87	795	-122	0.18	71	17.72	7.22	6.0
1137		6.92	795	-123	0.15	32	17.87	7.22	8.0
1142		6.90	795	-125	0.11	19	17.78	7.22	10.0
1147		6.90	797	-126	0.11	10	17.83	7.22	12.0
1152	↓	6.91	798	-127	0.09	6	17.60	7.22	14.0
			Ferrous → > 20ppm		Alk → 250ppm		CO_2 → 36ppm		

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
3/10	40 mL	VOA	E	☐ Y ☑ N	3/4	1 L	AMBER	F	☐ Y ☑ N
2	40 mL	VOA	A	☐ Y ☑ N	2	500mL	PLASTIC	A	☐ Y ☑ N
2	40 mL	VOA	C	☐ Y ☑ N	2	500mL	PLASTIC	B	☑ Y ☐ N
3/4	1 L	GLASS	C	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
2	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/29/08	AIRBILL NUMBER: NA
COC NUMBER: 195164	SIGNATURE: E. Kunal	DATE SIGNED: 10/29/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: LO	DATE: 11/28/08

SAMPLE ID: MW-30S

WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 1421	DATE: 10/29/08	SAMPLE	TIME: 1501	DATE: 10/29/08

PURGE METHOD: ☒ PUMP BLADDER PUMP (QED) ☐ BAILER

DEPTH TO WATER: 2.85 T/ PVC

DEPTH TO BOTTOM 12.16 T/ PVC

WELL VOLUME: 6.03 ☒ LITERS ☐ GALLONS

VOLUME REMOVED 16.0 ☒ LITERS ☐ GALLONS

COLOR: Lt Brn ODOR: none

TURBIDITY: moderate (81.7)

☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☒ OTHER

PH: 6.66 SU CONDUCTIVITY: 468 umhos/cm

ORP: -2.3 mv DO: 0.05 mg/L

TURBIDITY: 9.65 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 12.93 °C OTHER: —

COLOR: clear ODOR: none

FILTRATE (0.45 um) ☒ YES ☐ NO

FILTRATE COLOR: clear FILTRATE ODOR: none

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS: Ferrous >20 ALK-50 CO_2-20

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)
1421	400	7.42	592	144.2	3.37	81.7	11.39	2.85	INITIAL
1426	↓	7.06	463	-20.1	0.13	69.6	12.43	2.93	2.0
1431	↓	7.05	466	-9.0	0.08	46.2	12.72	2.98	4.0
1436	↓	6.95	466	-5.2	0.07	32.3	12.78	2.98	6.0
1441	↓	6.91	468	-5.4	0.08	21.1	12.93	2.98	8.0
1446	↓	6.80	468	-4.7	0.06	15.7	12.97	2.98	10.0
1451	↓	6.76	468	-4.0	0.06	12.0	12.90	2.98	12.0
1456	↓	6.71	468	-3.0	0.05	11.2	12.98	2.98	14.0
1501	↓	6.66	468	-2.3	0.05	9.65	12.93	2.98	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	1	500mL	PLASTIC	A	☐ Y ☒ N
1	40 mL	VOA	C	☐ Y ☒ N	1	500mL	PLASTIC	B	☒ Y ☐ N
2	1 L	GLASS	C	☐ Y ☒ N	1	1 L	PLASTIC	A	☐ Y ☒ N
1	125 mL	PLASTIC	F	☐ Y ☒ N					

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 10/29/08	AIRBILL NUMBER: NA
COC NUMBER: 195166	SIGNATURE: Scott Mulholland	DATE SIGNED: 10/29/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: dO	DATE: 11/28/08

SAMPLE ID: MW-30D

WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING TIME: 1407 DATE: 10/29/08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER

DEPTH TO WATER: 2.61 T/ PVC

DEPTH TO BOTTOM NM T/ PVC

WELL VOLUME: NA ☑ LITERS ☐ GALLONS

VOLUME REMOVED 22 ☑ LITERS ☐ GALLONS

COLOR: L Brn/Float. ODOR: None

TURBIDITY: 127

☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

SAMPLE TIME: 1502 DATE: 10/29/08

PH: 7.48 SU CONDUCTIVITY: 532 umhos/cm

ORP: -114 mv DO: 0.19 mg/L

TURBIDITY: 12 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 12.59 °C OTHER:

COLOR: clr/Float. ODOR: None

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: clr FILTRATE ODOR: None

QC SAMPLE: ☐ MS/MSD ☐ DUP-

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)
1407	400	7.55	485	-96	6.79	127	11.22	2.61	INITIAL
1412	↓	7.09	479	-100	0.40	>1000	12.48	2.61	2.0
1417		7.17	529	-107	0.26	54	12.52	2.61	4.0
1422		7.25	527	-115	0.22	34	12.57	2.61	6.0
1427		7.28	531	-114	0.20	28	12.55	2.61	8.0
1432		7.31	532	-114	0.20	23	12.50	2.61	10.0
1437		7.34	534	-114	0.19	21	12.49	2.61	12.0
1442		7.40	534	-115	0.19	18	12.43	2.61	14.0
1447		7.43	537	-116	0.18	16	12.57	2.61	16.0
1452	↓	7.44	535	-114	0.19	14	12.43	2.61	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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 10/29/08	AIRBILL NUMBER: NA
COC NUMBER: 195166	SIGNATURE: E. Kuick	DATE SIGNED: 10/29/08

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME:	L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER:	6527.33	BY: EV/SM	DATE: 10/29/08	BY: JO	DATE: 11/28/08

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)
1457	400	7.45	538	-115	0.18	10	12.48	2.61	20.0
1502	400	7.48	532	-114	0.19	12	12.59	2.61	22.0

Ferrous → 6 ppm
Alk → 125 ppm
CO_2 → 13 ppm

SIGNATURE: E. Vasil

DATE SIGNED: 10/29/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: XO	DATE: 11/28/08

SAMPLE ID: MW-20 I

WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING TIME: 1526 DATE: 10/29/08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER

DEPTH TO WATER: 2.61 T/ PVC

DEPTH TO BOTTOM 18.18 T/ PVC

WELL VOLUME: 10.09 ☑ LITERS ☐ GALLONS

VOLUME REMOVED 10.0 ☑ LITERS ☐ GALLONS

COLOR: Cloudy ODOR: None

TURBIDITY: 50

☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

SAMPLE TIME: 1551 DATE: 10/29/08

PH: 7.43 SU CONDUCTIVITY: 715 umhos/cm

ORP: -133 mv DO: 0.30 mg/L

TURBIDITY: 6 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 13.57 °C OTHER:

COLOR: clr ODOR: None

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: clr FILTRATE ODOR: None

QC SAMPLE: ☐ MS/MSD ☐ DUP-

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)
1526	400	7.53	570	-69	8.07	50	10.48	2.61	INITIAL
1531	↓	7.33	690	-108	1.63	19	13.11	2.63	2.0
1536	↓	7.33	705	-121	0.77	12	13.34	2.63	4.0
1541	↓	7.39	710	-125	0.56	8	13.60	2.63	6.0
1546	↓	7.35	713	-130	0.42	7	13.53	2.63	8.0
1551	↓	7.43	715	-133	0.30	6	13.57	2.63	10.0
				Ferrous → >20 ppm					
				Alk → 165 ppm					
				CO_2 → 27 ppm					

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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 10/29/08	AIRBILL NUMBER: NA
COC NUMBER: 195166	SIGNATURE: E Vasil	DATE SIGNED: 10/29/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: KO	DATE: 11/28/08

SAMPLE ID: MW-28I

WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 1550	DATE: 10/29/08	SAMPLE	TIME: 1645	DATE: 10/29/08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ BAILER		PH: 7.28 SU	CONDUCTIVITY: 442 umhos/cm	
			ORP: -68 mv	DO: 0.04 mg/L	
DEPTH TO WATER: 5.32 T/ PVC			TURBIDITY: 8.81 NTU		
DEPTH TO BOTTOM 22.90 T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 11.39 ☑ LITERS ☐ GALLONS			TEMPERATURE: 14.23 °C	OTHER:	
VOLUME REMOVED 22.0 ☑ LITERS ☐ GALLONS			COLOR: clr	ODOR: none	
COLOR: Lt Brn/grey	ODOR: none		FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: Slight (48.1)			FILTRATE COLOR: clr	FILTRATE ODOR: none	
☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: ALK-160 CO_2 <100 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)
1550	400	6.51	298	75.5	9.88	48.1	12.57	5.32	INITIAL
1555		6.81	419	-6.3	0.13	133	14.28	5.34	2.0
1600		6.96	438	-22.5	0.06	113	14.52	5.32	4.0
1605		7.08	443	-31.4	0.05	90	14.39	5.32	6.0
1610		7.15	446	-39.0	0.04	88.8	14.45	5.32	8.0
1615		7.23	444	-43.9	0.04	66.8	14.32	5.33	10.0
1620		7.29	443	-48.6	0.03	52.7	14.21	5.33	12.0
1625		7.36	442	-53.6	0.03	42.7	14.18	5.33	14.0
1630		7.36	441	-57.4	0.04	29.9	14.16	5.33	16.0
1635	↓	7.31	442	-61.0	0.04	23.2	14.24	5.33	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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 10/29/08	AIRBILL NUMBER: NA
COC NUMBER: 195166	SIGNATURE: [signature]	DATE SIGNED: 10/29/08

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME:	L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER:	6527.33	BY: EV/SM	DATE: 10/29/08	BY: dO	DATE: 11/28/08

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)
1640	400	7.30	441	-65.7	0.04	11.3	14.21	5.33	20.0
1645	400	7.28	442	-68	0.04	8.81	14.23	5.33	22.0

SIGNATURE: Scott Mulhlehn

DATE SIGNED: 10/29/08

RMT WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: [illegible]	DATE: 11/28/08

SAMPLE ID: MW-8 WELL DIAMETER: ☐ 2" ☒ 4" ☐ 6" ☐ OTHER

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

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

PURGING	TIME: 1640	DATE: 10/29/08	SAMPLE	TIME: 1735	DATE: 10/29/08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ BAILER		PH: 6.99 SU	CONDUCTIVITY: 175 umhos/cm	
			ORP: -51 mv	DO: 0.23 mg/L	
DEPTH TO WATER: 2.22 T/ PVC			TURBIDITY: 70 NTU		
DEPTH TO BOTTOM 20.23 T/ PVC			☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 11.67 ☑ LITERS ☐ GALLONS			TEMPERATURE: 12.91 °C	OTHER:	
VOLUME REMOVED 22.0 ☑ LITERS ☐ GALLONS			COLOR: L. Brn	ODOR: None	
COLOR: L. Brn/Float. ODOR: None			FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: 256			FILTRATE COLOR: CLR	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)
1640	400	7.63	191	-31	4.38	256	10.42	2.22	INITIAL
1645	↓	7.15	179	-54	0.32	309	13.35	2.77	2.0
1650	↓	7.12	199	-67	0.12	371	13.30	2.77	4.0
1655	↓	7.12	174	-58	1.09	192	13.23	2.77	6.0
1700	↓	7.07	171	-57	1.05	121	13.23	2.77	8.0
1705	↓	7.07	171	-56	0.70	97	13.18	2.77	10.0
1710	↓	7.06	170	-55	0.60	96	13.21	2.77	12.0
1715	↓	7.05	170	-52	0.55	88	12.95	2.77	14.0
1720	↓	7.04	171	-52	0.38	78	12.96	2.77	16.0
1725	↓	7.01	171	-52	0.32	74	13.06	2.77	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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 10/29/08	AIRBILL NUMBER: NA
COC NUMBER: 195166	SIGNATURE: [illegible]	DATE SIGNED: 10/29/08

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: JO	DATE: 11/28/08

SAMPLE ID: MW-8

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)
1730	400	6.97	173	-52	0.25	72	12.94	2.77	20.0
1735	400	6.99	175	-51	0.23	70	12.91	2.77	22.0

Ferrous → 14 ppm
CO_2 → <100 ppm
ALK → 40 ppm

SIGNATURE: E. Vandal

DATE SIGNED: 10/29/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: dD	DATE: 11/28/08

SAMPLE ID: MW-28s

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ OTHER

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

PURGING		SAMPLE	
TIME: 1719	DATE: 10/29/08	TIME: 1759	DATE: 10/29/08
PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER		PH: 6.94 SU	CONDUCTIVITY: 395 umhos/cm
		ORP: -81.5 mv	DO: 0.05 mg/L
DEPTH TO WATER: 5.44 T/ PVC		TURBIDITY: 7.96 NTU	
DEPTH TO BOTTOM 17.71 T/ PVC		☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY	
WELL VOLUME: 7.95 ☑ LITERS ☐ GALLONS		TEMPERATURE: 13.88 °C	OTHER: —
VOLUME REMOVED 16.0 ☑ LITERS ☐ GALLONS		COLOR: clr.	ODOR: none
COLOR: Lt. Brn/grey	ODOR: none	FILTRATE (0.45 um) ☑ YES ☐ NO	
TURBIDITY: cloudy		FILTRATE COLOR: clr	FILTRATE ODOR: none
☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY		QC SAMPLE: ☐ MS/MSD ☐ DUP-	
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER		COMMENTS: Ferrous>20 CO_3<100 Alk-170	

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)
1719	400	6.89	314	-35.9	7.80	69.3	11.68	5.44	INITIAL
1724	|	6.92	385	-53.2	0.06	115	13.73	5.45	2.0
1729	|	6.99	396	-64.1	0.04	98.0	13.81	5.45	4.0
1734	|	6.99	394	-68.1	0.05	54.5	13.70	5.45	6.0
1739	|	6.99	395	-71.8	0.05	36.0	13.88	5.45	8.0
1744	|	6.98	395	-74.9	0.05	20.2	13.84	5.45	10.0
1749	|	6.96	395	-76.9	0.05	15.6	13.80	5.45	12.0
1754	|	6.95	395	-79.9	0.05	11.2	13.82	5.45	14.0
1759	✓	6.94	395	-81.5	0.05	7.96	13.88	5.45	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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 10/29/08	AIRBILL NUMBER: NA
COC NUMBER: 195166	SIGNATURE: [signature]	DATE SIGNED: 10/29/08

RMT WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10-28-08	BY: KO	DATE: 11/28/08

SAMPLE ID: MW-27s WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING		SAMPLE	
TIME: 0848	DATE: 10/28/08	TIME: 0730	DATE: 10/30/08
PURGE METHOD: ☑ PUMP ~~BLADDER PUMP (QED)~~ Peristaltic ☐ BAILER		PH: 6.99 SU	CONDUCTIVITY: 626 umhos/cm
		ORP: 34.4 mv	DO: 2.63 mg/L
DEPTH TO WATER: 9.49 T/ PVC		TURBIDITY: 47.2 NTU	
DEPTH TO BOTTOM 13.13 T/ PVC		☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY	
WELL VOLUME: 2.36 ☑ LITERS ☐ GALLONS		TEMPERATURE: 13.67 °C	OTHER:
VOLUME REMOVED 3.75 ☑ LITERS ☐ GALLONS		COLOR: L. Brn	ODOR: None
COLOR: cloudy	ODOR: no	FILTRATE (0.45 um) ☑ YES ☐ NO	
TURBIDITY: 125 ~~cloudy~~ orange		FILTRATE COLOR: CLR	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)
0848	200	7.24	682	105.2	2.30	125	12.98	9.49	INITIAL
0853	↓	7.12	616	82.5	1.10	68.8	13.71	11.00	1.0
0858	↓	7.05	622	50.1	1.48	28.5	13.99	11.51	2.0
0903	↓	7.04	629	43.4	1.24	27.2	13.85	12.15	3.0
~~0908~~									
0907	200	6.99	626	34.4	2.63	47.2	13.67	Dry	3.75
	went Dry at 0907								
10/30/08 0730	sampled								

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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/30/08	AIRBILL NUMBER: NA
COC NUMBER: 195167	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: DD	DATE: 11/28/08

SAMPLE ID: MW-33S WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 0742	DATE: 10/29/08	SAMPLE	TIME: 735	DATE: 10/30/08
PURGE METHOD:	☒ PUMP ~~BLADDER PUMP (QED)~~ peristaltic ☐ BAILER		PH: 6.44 SU	CONDUCTIVITY: 607 umhos/cm	
			ORP: 5.7 mv	DO: 0.21 mg/L	
DEPTH TO WATER: 5.38 T/ PVC			TURBIDITY: 14 NTU		
DEPTH TO BOTTOM 10.22 T/ PVC			☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 3.14 ☒ LITERS ☐ GALLONS			TEMPERATURE: 13.10 °C	OTHER:	
VOLUME REMOVED 3.4 ☒ LITERS ☐ GALLONS			COLOR: clr w/ floaters	ODOR: yes	
COLOR: clear w/ floaters ODOR: yes			FILTRATE (0.45 um) ☒ YES ☐ NO		
TURBIDITY: slight			FILTRATE COLOR: clr.	FILTRATE ODOR: yes	
☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☒ OTHER			COMMENTS: Sheen in purge bucket		

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)
0742	200	6.30	650	25.2	2.40	19.9	10.95	5.38	INITIAL
0747	↓	~~6.06~~ 6.39	607	14.1	0.21	14.4	12.88	7.35	1.0
0752	↓	6.44	605	12.8	0.18	13.6	12.91	8.36	2.0
0757	↓	6.44	607	9.8	0.21	14.0	13.04	9.60	3.0
~~0802~~									
0759		6.44	~~15.17~~	5.7	0.21	—	13.10	dry	3.24
		Pumped dry at 0759. Product in tubing as it wet dry							
		Sheen in sample							
10/30/08 0735		collected sample							

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	1	500mL	PLASTIC	A	☐ Y ☒ N
1	40 mL	VOA	C	☐ Y ☒ N	1	500mL	PLASTIC	B	☒ Y ☐ N
2	1 L	GLASS	C	☐ Y ☒ N	1	1 L	PLASTIC	A	☐ Y ☒ N
1	125 mL	PLASTIC	F	☐ Y ☒ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/30/08	AIRBILL NUMBER: NA
COC NUMBER: 195167	SIGNATURE: E. Kiel	DATE SIGNED: 11/17/08

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/29/08	BY: JD	DATE: 11/28/08

SAMPLE ID: MW-313 WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 0838	DATE: 10/29/08	SAMPLE	TIME: 0830	DATE: 10/30/08
PURGE METHOD:	☑ PUMP ~~BLADDER PUMP (QED)~~ Peristaltic ☐ BAILER		PH: 8.13 SU	CONDUCTIVITY: 488 umhos/cm	
			ORP: 34.7 mv	DO: 0.16 mg/L	
DEPTH TO WATER: 4.72 T/ PVC			TURBIDITY: NM NTU (7.60H)		
DEPTH TO BOTTOM 10.31 T/ PVC			☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 3.62 ☑ LITERS ☐ GALLONS			TEMPERATURE: 12.99 °C	OTHER:	
VOLUME REMOVED 6.8 ☑ LITERS ☐ GALLONS			COLOR: Clr w/ black flocks	ODOR: yes	
COLOR: Clr w/ Dark floaters ODOR: slight			FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: slight			FILTRATE COLOR: Clr.	FILTRATE ODOR: yes	
☐ 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)
0838	200	6.39	449	117.4	7.95	13.8	11.17	4.72	INITIAL
0843	↓	7.09	500	64.4	0.25	12.4	12.18	5.91	1.0
0848	↓	7.11	506	57.9	0.18	9.14	12.31	6.48	2.0
0853	↓	7.04	530	49.3	0.16	9.80	12.35	7.13	3.0
0858	↓	7.13	548	39.3	0.13	8.64	12.66	8.82	4.0
0903	↓	7.30	532	34.4	0.09	8.52	12.88	8.52	5.0
0908	↓	7.75	503	32.1	0.11	7.64	13.07	9.36	6.0
0912	✓	8.13	488	34.7	0.16	–	12.99	Dry	6.8
			pumped dry at 0912						

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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/30/08	AIRBILL NUMBER: NA
COC NUMBER: 195167	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: dD	DATE: 11/28/08

SAMPLE ID: MW-32S

WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 1646	DATE: 10/27/08	SAMPLE	TIME: 0910	DATE: 10/30/08

PURGE METHOD: ☒ PUMP BLADDER PUMP (QED) ☐ BAILER

DEPTH TO WATER: 5.38 T/ PVC

DEPTH TO BOTTOM NM T/ PVC

WELL VOLUME: NA ☒ LITERS ☐ GALLONS

VOLUME REMOVED 5.0 ☒ LITERS ☐ GALLONS

COLOR: clr w/ floaters ODOR: yes

TURBIDITY: 16.4

☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☒ OTHER

PH: 6.68 SU CONDUCTIVITY: 799 umhos/cm

ORP: -20.4 mv DO: 0.41 mg/L

TURBIDITY: 14.0 NTU

☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 14.72 °C OTHER:

COLOR: clr w/ Black flecks ODOR: yes

FILTRATE (0.45 um) ☒ YES ☐ NO

FILTRATE COLOR: clr FILTRATE ODOR: yes

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS: Product came up 4" tubing. (small amount)

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	200	6.36	737	-24.8	3.85	16.4	14.12	5.38	INITIAL
1651	↓	6.64	753	-23.3	0.27	10.12	14.36	6.09	1.0
1656	↓	6.67	765	-20.4	0.21	9.10	14.49	6.95	2.0
1701	↓	6.67	781	-18.7	0.19	7.92	14.55	8.28	3.0
1706	↓	6.67	789	-19.1	0.17	7.35	14.56	8.87	4.0
1711	↓	6.68	799	-20.4	0.41	14.0	14.72	9.85	5.0
		pumped dry at 1711							
		sheen in sample							
10/30/08 910		collected sample							

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	1	500mL	PLASTIC	A	☐ Y ☒ N
1	40 mL	VOA	C	☐ Y ☒ N	1	500mL	PLASTIC	B	☒ Y ☐ N
2	1 L	GLASS	C	☐ Y ☒ N	1	1 L	PLASTIC	A	☐ Y ☒ N
1	125 mL	PLASTIC	F	☐ Y ☒ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/30/08	AIRBILL NUMBER: NA
COC NUMBER: 195167	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: [illegible]	DATE: 11/28/08

SAMPLE ID: MU-345 WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 1509	DATE: 10/27/08	SAMPLE	TIME: 0940	DATE: 10/30/08

PURGE METHOD: ☑ PUMP ~~BLADDER PUMP (QED)~~ Peristaltic ☐ BAILER	PH: 6.62 SU; CONDUCTIVITY: 686 umhos/cm; ORP: 50.7 mv; DO: 0.48 mg/L
DEPTH TO WATER: 5.16 T/ PVC	TURBIDITY: 13.5 NTU
DEPTH TO BOTTOM 10.22 T/ PVC	☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY
WELL VOLUME: 3.29 ☑ LITERS ☐ GALLONS	TEMPERATURE: 14.83 °C; OTHER:
VOLUME REMOVED 4.0 ☑ LITERS ☐ GALLONS	COLOR: clr; ODOR: none
COLOR: clr w/ floaters; ODOR: none	FILTRATE (0.45 um) ☑ YES ☐ NO
TURBIDITY: cloudy	FILTRATE COLOR: clr; 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)
1509	200	7.00	735	160.1	7.24	21.0	14.72	5.16	INITIAL
1514	↓	6.58	670	138.8	0.43	26.5	14.83	7.96	1.0
1519	↓	6.66	680	117.2	0.38	14.5	14.77	8.42	2.0
1524	↓	6.66	701	78.7	0.37	15.1	14.80	8.75	3.0
1529	↓	6.62	686	50.7	0.48	13.5	14.83	10.22	4.0
1530	↓	pumped ~~to~~ dry							
10/30/08 940	collected sample								

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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/30/08	AIRBILL NUMBER: NA
COC NUMBER: 195167	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/27/08	BY: KO	DATE: 11/28/08

SAMPLE ID: MW-35s

WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 1609	DATE: 10/27/08	SAMPLE	TIME: 1015	DATE: 10/30/08

PURGE METHOD: ☑ PUMP ~~BLADDER PUMP~~ (QED) Peristaltic ☐ BAILER

DEPTH TO WATER: 4.59 T/ PVC

DEPTH TO BOTTOM 10.12 T/ PVC

WELL VOLUME: 3.58 ☑ LITERS ☐ GALLONS

VOLUME REMOVED 4.75 ☑ LITERS ☐ GALLONS

COLOR: clr. ODOR: Strong

TURBIDITY: none 8.24

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

PH: 6.87 SU CONDUCTIVITY: 848 umhos/cm

ORP: -30.2 mv DO: 1.35 mg/L

TURBIDITY: 38.5 NTU

☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 14.18 °C OTHER:

COLOR: Lt Brn/orange ODOR: yes

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: FILTRATE ODOR: yes

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS: slight sheen in purge bucket

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)
1609	200	5.76	855	-41.8	1.80	8.24	14.27	4.59	INITIAL
1614	↓	6.77	857	-25.3	0.19	12.0	14.34	6.28	1.0
1619	↓	6.84	817	-19.5	0.16	15.5	14.24	7.05	2.0
1624	↓	6.86	823	-19.7	0.17	17.1	14.17	7.93	3.0
1629	↓	6.87	852	-25.1	0.16	29.9	14.22	9.08	4.0
1633	↓	6.87	848	-30.2	1.35	38.5	14.18	~~10.12~~	4.75
			pumped dry at 1637						
		Sheen in sample / smells like a sharpie							
10/30/08 1015		collected sample							

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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/30/08	AIRBILL NUMBER: NA
COC NUMBER: 195167	SIGNATURE: [signature]	DATE SIGNED: 11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/30/08	BY: JO	DATE: 11/28/08

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: 1215	DATE: 10/30/08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ 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: 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: (SM) GRR2

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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD:	Lab Pickup	DATE SHIPPED:	10/30/08	AIRBILL NUMBER:	NA
COC NUMBER:	195167	SIGNATURE:	E. Zanel	DATE SIGNED:	11/17/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.33	BY: EV/SM	DATE: 10/30/08 ~~10-27-08~~ EV	BY: LO	DATE: 11/28/08

SAMPLE ID: ~~EXRC-02~~ RB-03 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: ~~1118~~ 1200 EV	DATE: 10-30-08 ~~10-27-08~~ EV

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ 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: NA / 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: GRR 1 (EV)

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	1	500mL	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	500mL	PLASTIC	B	☑ Y ☐ N
2	1 L	GLASS	C	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	F	☐ Y ☑ N					

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 10/30/08	AIRBILL NUMBER: NA
COC NUMBER: 195167	SIGNATURE: E. Vasil	DATE SIGNED: 11/17/08

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 195163

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

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

Project Name/#: L. E. Carpenter + Co. PWSID #:

Project Manager: N. Clevett P.O.#: 6527.33

Sampler: E. Vincke + S. Middlebrook 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	Soil	Water (☐ Potable ☐ NPDES)	Other	(4) Total # of Containers	(5) Analyses Requested: BTEX (Preservation Codes: H)	DEHP (Preservation Codes: O)								Remarks	(6) Temperature of samples upon receipt (if requested)
Dup-01	10/27/08	—	X			X		5	3	2									
DRC-02	10/27/08	1110	X			X		5	3	2									
SW-D-5	10/27/08	1125	X			X		5	3	2									
SW-R-1	10/27/08	1135	X			X		5	3	2									
SW-R-2	10/27/08	1140	X			X		5	3	2									
SW-R-3	10/27/08	1155	X			X		5	3	2									
SW-R-4	10/27/08	1215	X			X		5	3	2									
SW-R-5	10/27/08	1620	X			X		5	3	2									
SW-R-6	10/27/08	1630	X			X		5	3	2									
SW-D-4	10/27/08	1235	X			X		5	3	2									

(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: eric.vincke@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	10/28/08	[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 # 195162

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

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

Project Name/#: L. E. Carpenter + Co PWSID #:

Project Manager: N. Clevett P.O.#: 6527.33

Sampler: E. Vincke + S. Middlebrook Quote #:

Name of state where samples were collected:

For Lab Use Only
FSC:
SCR#: 66780

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

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable Check if Applicable / NPDES)	Other	Total # of Containers	BTEX (H)	DEHP (O)	Volatile Headspace Hydrocarbons (H)	Total Pos P/NH_3 (S)	TDS / TSS/Sulfate (S)	Nitrate Nitrogen (N)	Nitrite Nitrogen (N)	Diss. Lead (N)	HPC (O)	Remarks
SW-R-4 MS/MSD	10/27/08	1215	X			X		5	3	2								
SW-D-3	10/27/08	1737	X			X		5	3	2								
SW-D-2	10/27/08	1747	X			X		5	3	2								
SW-D-1	10/27/08	1750	X			X		5	3	2								
RB-01	10/27/08	1810	X			X		5	3	2								
TB-01	10/27/08	—	X			X		5	3		2							
MW-19-4	10/28/08	1043	X			X		5	3	2		2	3					Diss. Lead is field filtered

(6) Temperature of samples upon receiving (if requested)

(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)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
TX TRRP-13
MA MCP CT RCP
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
Bobbie Horage	10/27/08	06:15	[illegible]	10/28/08	06:15
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 195165

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.#: 6527.33
Sampler: E. Vincke & S. Middlebrook 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 / Check if NPDES Applicable)	Other	Total # of Containers	BTEX (H)	DEHP (O)	Volatile Headspace Hydrocarbons (H)	Total Pas P/NH_3 (S)	TDS/TSS/Sulfate (I)	Nitrate Nitrogen (S)	Nitrite Nitrogen (I)	Diss. Lead (N)	HPC (O)	Remarks (Please indicate if preservation used on samples or containers)
TB-02	10/28/08	—	X			X		5	3		2							All Diss lead
MW-19-12	10/28/08	1420	X			X		15	3	2	2	2	2	1	1	1	1	Field Filtered
GEI-2S	10/28/08	1525	X			X		15	3	2	2	2	2	1	1	1	1	EXCEPT ATM-01
GEI-2S MS/MSD	10/28/08	1525	X			X		15	3	2	2	2	2	1	1	1	1	
ATM-01	10/28/08	1555	X			X		15	3	2	2	2	2	1	1	1	1	ATM-01 run total
MW-19-7	10/28/08	1655	X			X		15	3	2	2	2	2	1	1	1	1	Lead
Dup-02	10/28/08	—	X			X		15	3	2	2	2	2	1	1	1	1	

(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 #: 616-975-5415 Fax #: 616-975-1098
E-mail address: Eric.Vincke@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]	10/28/08	1800	FedEx		
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 # 195164

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

(1)
Client: BMT, Inc Acct. #:
Project Name/#: L.E. Carpenter PWSID #:
Project Manager: N. Clewell P.O.#: 6507.33
Sampler: E. Vincke + S. Middlebrook 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	BTEX	DEHP	Volatile Hydrocarbons	Total Phos P/NH_3	TDS/TSS/Sulfate	Nitrate Nitrogen	Nitrite Nitrogen	Diss Lead	HPC	Remarks (Temperature of samples upon receipt (if requested))
MW-19-6	10/29/08	0807	X			X		15	3	2	2	2	2	1	1	1	1	All Diss lead
MW-19-5	10/29/08	0920	X			X		15	3	2	2	2	2	1	1	1	1	samples were
MW-19	10/29/08	1025	X			X		15	3	2	2	2	2	1	1	1	1	held filtered.
MW-25(R)	10/29/08	1127	X			X		15	3	2	2	2	2	1	1	1	1	
MW-29S	10/29/08	1152	X			X		15	3	2	2	2	2	1	1	1	1	
Dup-03	10/29/08	—	X			X		15	3	2	2	2	2	1	1	1	1	
TB-03	10/29/08	—				X		5	3		2							

(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 #: 616-975-5415 Fax #: 616-975-1058
E-mail address: eric.vincke@mtinc.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]	10/29/08	1300	[signature]	10/29/08	[illegible]

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 # 195166

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

(1)
Client: AMT, Inc Acct. #:
Project Name/#: L.E. Carpenter PWSID #:
Project Manager: N. Clewett P.O.#: 6527.33
Sampler: E. Vincke + S. Middlebrook 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 (H)	DEHP (O)	Volatile Hydrocarbons (H)	Total Pest P/NH_3 (S)	TDS/TSS/Sulfate (I)	Nitrate Nitrogen (S)	Nitrite Nitrogen (-)	Diss. Lead (N)	HPC (O)	Remarks
MW-30S	10/29/08	1501	X			X		15	3	2	2	2	2	1	1	1	1	All Samples
MW-30D	10/29/08	1502	X			X		15	3	2	2	2	2	1	1	1	1	of Diss. Lead
MW-30I	10/29/08	1551	X			X		15	3	2	2	2	2	1	1	1	1	were field
MW-28I	10/29/08	1645	X			X		15	3	2	2	2	2	1	1	1	1	filtered.
MW-28S	10/29/08	1759	X			X		15	3	2	2	2	2	1	1	1	1	
MW-8	10/29/08	1735	X			X		15	3	2	2	2	2	1	1	1	1	
TB-04	10/29/08	—				X		5	3		2							

(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 #: 616-975-5415 Fax #: 616-975-1078
E-mail address: eric.vincke@amtinc.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]	10/29/08	1930	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

57960

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 195167

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.#: 6527.33

Sampler: E. Vincke + S. Middlebrook 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: H	O	H	I	S	S	I	N	O	Remarks	(6) Temperature of samples upon receipt (degrees C)
									BTEX	DEHP	Volatile Headspace Hydrocarbons	TDS/TSS/Sulfate	Total Pos P/NH_3	Nitrate Nitrogen	Nitrite Nitrogen	Diss Lead	HPC		
TB-05	10/30/08	—	X			X		5	3		2							All sample were	
MW-27s	10/30/08	0730	X			X		15	3	2	2	2	2	1	1	1	1	field filtered	
MW-31s	10/30/08	0830	X			X		15	3	2	2	2	2	1	1	1	1	for Diss. Lead	
MW-32s	10/30/08	0910	X			X		15	3	2	2	2	2	1	1	1	1		
MW-33s	10/30/08	0735	X			X		15	3	2	2	2	2	1	1	1	1		
MW-34s	10/30/08	0940	X			X		15	3	2	2	2	2	1	1	1	1		
MW-35s	10/30/08	1015	X			X		15	3	2	2	2	2	1	1	1	1		
RB-02	10/30/08	1215	X			X		15	3	2	2	2	2	1	1	1	1	EXCEPT RB-02 +	
RB-03	10/30/08	1200	X			X		15	3	2	2	2	2	1	1	1	1	RB-03 run for	
																		TOTAL Lead	

(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 #: 616-975-5415 Fax #: 616-975-1098
E-mail address: eric.vincke@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]	10/30/08	1410	[signature]	10/30	1410
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

60 of 60

Appendix C
4th Quarter 2008 Laboratory Analytical Report

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

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 1117623. Samples arrived at the laboratory on Thursday, October 30, 2008. The PO# for this group is 6527.33.

Client Description	Lancaster Labs Number
TB-05 Water Sample	5513595
MW-27s Grab Water Sample	5513596
MW-31s Grab Water Sample	5513597
MW-32s Grab Water Sample	5513598
MW-33s Grab Water Sample	5513599
MW-34s Grab Water Sample	5513600
MW-35s Grab Water Sample	5513601
RB-02 Grab Water Sample	5513602
RB-03 Grab Water Sample	5513603

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

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

Respectfully Submitted,

Tracy A. Cole

Tracy A. Cole
Senior Specialist

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5513595 **Group No. 1117623**

TB-05 Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:21
Discard: 12/20/2008

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

5TB-- SDG#: LEC67-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	N.D.	5.0	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

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
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 11:04	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	11/03/2008 08:56	Linda C Pape	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5513596 **Group No. 1117623**

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

Collected:10/30/2008 07:30 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:21
Discard: 12/20/2008

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

27S-- SDG#: LEC67-02

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.	390	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.					
00206	Total Suspended Solids	n.a.	66.4	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	571	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.20	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	0.085 J	0.080	mg/l	1
00228	Sulfate	14808-79-8	68.8	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	N.D.	5.0	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 lead.

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

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5513596 **Group No. 1117623**

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

Collected:10/30/2008 07:30 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:21
Discard: 12/20/2008

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

27S-- SDG#: LEC67-02

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/07/2008 21:31	Thomas F McLamb Sr	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/03/2008 13:53	Keith A Hoover	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	11/03/2008 09:17	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:24	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/31/2008 13:12	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 10:59	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/06/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:14	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/12/2008 22:47	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 11:15	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	11/03/2008 18:10	Linda C Pape	1
00553	Base Neutrals	EPA 625	1	11/07/2008 03:47	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/05/2008 09:25	Denise K Conners	1
08108	625 Water Extraction	EPA 625	1	11/05/2008 09:30	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5513597 **Group No. 1117623**

MW-31s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 08:30 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:21
Discard: 12/20/2008

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

31S-- SDG#: LEC67-03

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.	> 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.					
00206	Total Suspended Solids	n.a.	11.5 J	3.8	mg/l	1
	The reporting limit for the analyte above was raised due to matrix interference.					
00212	Total Dissolved Solids	n.a.	502	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.015 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	10.8	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.14	0.080	mg/l	1
00228	Sulfate	14808-79-8	84.2	3.0	mg/l	10
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	2,800	250	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	40,000	30	ug/l	50
07029	Benzene	71-43-2	N.D.	10	ug/l	50
07030	Toluene	108-88-3	N.D.	10	ug/l	50
07031	Ethylbenzene	100-41-4	7,900	10	ug/l	50
	The reporting limits were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.					
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	760	9	ug/l	10

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

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

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5513597 **Group No. 1117623**

MW-31s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 08:30 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:21
Discard: 12/20/2008

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

31S-- SDG#: LEC67-03

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	11/07/2008 21:35	Thomas F McLamb Sr	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/03/2008 13:53	Keith A Hoover	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	11/03/2008 09:17	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:24	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/31/2008 13:14	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 10:01	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/06/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:15	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/13/2008 16:14	Ashley M Heckman	10
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 11:26	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 16:13	Dustin A Underkoffler	50
08238	BTEX (EPA 602)	EPA 602	1	11/03/2008 18:45	Linda C Pape	50
00553	Base Neutrals	EPA 625	1	11/07/2008 10:04	Brian K Graham	10
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/05/2008 09:25	Denise K Conners	1
08108	625 Water Extraction	EPA 625	1	11/05/2008 09:30	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5513598 **Group No. 1117623**

MW-32s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 09:10 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:21
Discard: 12/20/2008

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

32S-- SDG#: LEC67-04

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.						
00206	Total Suspended Solids	n.a.	50.0		7.5	mg/l	1
00212	Total Dissolved Solids	n.a.	818		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	1.6		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	200		6.0	mg/l	20
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	5,400		500	ug/l	100
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	6,900		6.0	ug/l	10
07029	Benzene	71-43-2	1.1	J	1.0	ug/l	5
07030	Toluene	108-88-3	1.7	J	1.0	ug/l	5
07031	Ethylbenzene	100-41-4	1,200		1.0	ug/l	5
	The reporting limits were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.						
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	4,600		96	ug/l	100

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

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5513598 **Group No. 1117623**

MW-32s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 09:10 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:21
Discard: 12/20/2008

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

32S-- SDG#: LEC67-04

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	11/07/2008 21:46	Thomas F McLamb Sr	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/03/2008 13:53	Keith A Hoover	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	11/03/2008 09:17	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:24	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/31/2008 13:15	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 10:03	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/06/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:17	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/13/2008 16:27	Ashley M Heckman	20
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 12:09	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 16:36	Dustin A Underkoffler	100
08238	BTEX (EPA 602)	EPA 602	1	11/03/2008 19:21	Linda C Pape	5
08238	BTEX (EPA 602)	EPA 602	1	11/04/2008 00:06	Linda C Pape	10
00553	Base Neutrals	EPA 625	1	11/07/2008 10:46	Brian K Graham	100
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/05/2008 09:25	Denise K Conners	1
08108	625 Water Extraction	EPA 625	1	11/05/2008 09:30	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5513599 **Group No. 1117623**

MW-33s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 07:35 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:21
Discard: 12/20/2008

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

33S-- SDG#: LEC67-05

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.						
00206	Total Suspended Solids	n.a.	51.0		3.8	mg/l	1
00212	Total Dissolved Solids	n.a.	358		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	7.4		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.13		0.080	mg/l	1
00228	Sulfate	14808-79-8	8.6		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	4,800		500	ug/l	100
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.		3.0	ug/l	1
07029	Benzene	71-43-2	0.4	J	0.2	ug/l	1
07030	Toluene	108-88-3	0.3	J	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	0.6	J	0.2	ug/l	1
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for the compound listed below. The presence or concentration of this compound cannot be determined due to the presence of this interferent. total xylenes						
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	5,500		47	ug/l	50

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

All QC is compliant unless otherwise noted. Please refer to the Quality

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5513599 **Group No. 1117623**

MW-33s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 07:35 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:21
Discard: 12/20/2008

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

33S-- SDG#: LEC67-05

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

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	11/07/2008 21:50	Thomas F McLamb Sr	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/03/2008 13:53	Keith A Hoover	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	11/03/2008 09:17	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:24	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/31/2008 13:16	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 10:06	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/06/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:18	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/12/2008 23:54	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 12:32	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 12:46	Dustin A Underkoffler	100
08238	BTEX (EPA 602)	EPA 602	1	11/03/2008 23:31	Linda C Pape	1
00553	Base Neutrals	EPA 625	1	11/07/2008 14:54	Brian K Graham	50
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/05/2008 09:25	Denise K Conners	1
08108	625 Water Extraction	EPA 625	1	11/05/2008 09:30	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5513600 **Group No. 1117623**

MW-34s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 09:40 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:21
Discard: 12/20/2008

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

34S-- SDG#: LEC67-06

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.	2,100		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.						
00206	Total Suspended Solids	n.a.	N.D.		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	693		19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.53		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	0.35	J	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	23.9		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	490		25	ug/l	5
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	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	2.0		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	7		0.9	ug/l	1

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

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5513600 **Group No. 1117623**

MW-34s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 09:40 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:21
Discard: 12/20/2008

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

34S-- SDG#: LEC67-06

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/07/2008 21:54	Thomas F McLamb Sr	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/03/2008 13:53	Keith A Hoover	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	11/03/2008 09:17	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:24	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/31/2008 13:17	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 10:08	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/06/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:19	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/13/2008 00:07	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 12:58	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 13:10	Dustin A Underkoffler	5
08238	BTEX (EPA 602)	EPA 602	1	11/03/2008 20:31	Linda C Pape	1
00553	Base Neutrals	EPA 625	1	11/07/2008 06:35	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/05/2008 09:25	Denise K Conners	1
08108	625 Water Extraction	EPA 625	1	11/05/2008 09:30	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5513601 **Group No. 1117623**

MW-35s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 10:15 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:22
Discard: 12/20/2008

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

35S-- SDG#: LEC67-07

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.					
00206	Total Suspended Solids	n.a.	22.4 J	6.0	mg/l	1
	The reporting limit for the analyte above was raised due to matrix interference.					
00212	Total Dissolved Solids	n.a.	568	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.88	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	2.9	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.16	0.080	mg/l	1
00228	Sulfate	14808-79-8	20.6	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	12,000	500	ug/l	100
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	57,000	60	ug/l	100
07029	Benzene	71-43-2	9.6 J	4.0	ug/l	20
07030	Toluene	108-88-3	34	4.0	ug/l	20
07031	Ethylbenzene	100-41-4	8,800	20	ug/l	100
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	460	10	ug/l	10

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

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5513601 **Group No. 1117623**

MW-35s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 10:15 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:22
Discard: 12/20/2008

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

35S-- SDG#: LEC67-07

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/07/2008 21:58	Thomas F McLamb Sr	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/03/2008 13:53	Keith A Hoover	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	11/03/2008 09:17	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:24	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/31/2008 13:18	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 11:00	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/06/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:22	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/13/2008 00:20	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 13:22	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 13:34	Dustin A Underkoffler	100
08238	BTEX (EPA 602)	EPA 602	1	11/04/2008 00:41	Linda C Pape	100
08238	BTEX (EPA 602)	EPA 602	1	11/04/2008 07:36	Linda C Pape	20
00553	Base Neutrals	EPA 625	1	11/07/2008 15:36	Brian K Graham	10
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/05/2008 09:25	Denise K Conners	1
08108	625 Water Extraction	EPA 625	1	11/05/2008 09:30	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5513602 **Group No. 1117623**

RB-02 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 12:15 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:22
Discard: 12/20/2008

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

RB2-- SDG#: LEC67-08RB

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.					
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.	5.0	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

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5513602 **Group No. 1117623**

RB-02 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 12:15 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:22
Discard: 12/20/2008

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

RB2-- SDG#: LEC67-08RB

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/07/2008 22:02	Thomas F McLamb Sr	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/03/2008 13:53	Keith A Hoover	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	11/03/2008 09:17	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:24	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/31/2008 13:21	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 11:01	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/06/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:24	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/13/2008 01:14	Ashley M Heckman	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 13:50	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	11/08/2008 01:57	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/07/2008 07:58	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/05/2008 09:25	Denise K Conners	1
08108	625 Water Extraction	EPA 625	1	11/05/2008 09:30	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5513603 **Group No. 1117623**

RB-03 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 12:00 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:22
Discard: 12/20/2008

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

RB3-- SDG#: LEC67-09RB

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.					
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.	5.0	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
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5513603 **Group No. 1117623**

RB-03 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/30/2008 12:00 by EV

Account Number: 09322

Submitted: 10/30/2008 16:45
Reported: 11/19/2008 at 16:22
Discard: 12/20/2008

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

RB3-- SDG#: LEC67-09RB

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/07/2008 22:05	Thomas F McLamb Sr	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/03/2008 13:53	Keith A Hoover	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	11/03/2008 09:17	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:24	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/31/2008 13:22	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 11:02	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/06/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:25	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/13/2008 01:27	Ashley M Heckman	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 14:01	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	11/08/2008 02:32	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/07/2008 08:40	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/05/2008 09:25	Denise K Conners	1
08108	625 Water Extraction	EPA 625	1	11/05/2008 09:30	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1117623
Reported: 11/19/08 at 04:22 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: 08305105101A	Sample number(s): 5513596-5513600							
Nitrite Nitrogen	N.D.	0.015	mg/l	94		90-110		
Batch number: 08305105101B	Sample number(s): 5513601-5513603							
Nitrite Nitrogen	N.D.	0.015	mg/l	94		90-110		
Batch number: 08306A02B	Sample number(s): 5513595-5513601							
Total Xylenes	N.D.	0.6	ug/l	90	91	82-120	1	30
Benzene	N.D.	0.2	ug/l	96	96	86-119	0	30
Toluene	N.D.	0.2	ug/l	91	91	82-119	0	30
Ethylbenzene	N.D.	0.2	ug/l	89	90	81-119	1	30
Batch number: 08308020601B	Sample number(s): 5513596-5513603							
Total Suspended Solids	N.D.	3.0	mg/l	93	99	63-121	6	28
Batch number: 08308109102A	Sample number(s): 5513596-5513599							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	99		90-110		
Batch number: 08308109102B	Sample number(s): 5513600-5513603							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	99		90-110		
Batch number: 083091848003	Sample number(s): 5513596-5513603							
Lead	N.D.	0.0069	mg/l	100		90-113		
Batch number: 08309WAX625	Sample number(s): 5513596-5513603							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	87	83	74-118	4	30
Batch number: 083100043A	Sample number(s): 5513595-5513603							
Methane	N.D.	5.0	ug/l	98		80-120		
Ethane	N.D.	1.0	ug/l	98		80-120		
Ethene	N.D.	1.0	ug/l	98		80-120		
Propane	N.D.	1.0	ug/l	97		73-125		
Batch number: 08310021202A	Sample number(s): 5513596-5513603							
Total Dissolved Solids	N.D.	9.7	mg/l	103		80-120		
Batch number: 08311022101A	Sample number(s): 5513596-5513603							
Ammonia Nitrogen	N.D.	0.20	mg/l	97	96	91-100	1	1
Batch number: 08312A02A	Sample number(s): 5513602-5513603							
Total Xylenes	N.D.	0.6	ug/l	101	100	82-120	1	30
Benzene	N.D.	0.2	ug/l	105	105	86-119	0	30
Toluene	N.D.	0.2	ug/l	103	100	82-119	3	30
Ethylbenzene	N.D.	0.2	ug/l	100	99	81-119	1	30
Batch number: 08317196101B	Sample number(s): 5513596-5513601							
Sulfate	N.D.	0.30	mg/l	98		89-110		

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1117623
Reported: 11/19/08 at 04:22 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 08317196102A	Sample number(s): 5513602-5513603							
Sulfate	N.D.	0.30	mg/l	104		89-110		
Batch number: 08320106103A	Sample number(s): 5513596-5513600							
Nitrate Nitrogen	N.D.	0.040	mg/l	102		90-110		
Batch number: 08320106103B	Sample number(s): 5513601-5513603							
Nitrate Nitrogen	N.D.	0.040	mg/l	102		90-110		

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: 08305105101A	Sample number(s): 5513596-5513600 UNSPK: P513815 BKG: P513815								
Nitrite Nitrogen	89*		90-110			N.D.	0.018 J	200* (1)	20
Batch number: 08305105101B	Sample number(s): 5513601-5513603 UNSPK: P513790 BKG: P513790								
Nitrite Nitrogen	117*		90-110			N.D.	N.D.	0 (1)	20
Batch number: 08306A02B	Sample number(s): 5513595-5513601 UNSPK: P512264								
Total Xylenes	104		84-131						
Benzene	109		78-131						
Toluene	107		78-129						
Ethylbenzene	106		75-133						
Batch number: 08308020601B	Sample number(s): 5513596-5513603 BKG: P511985								
Total Suspended Solids						N.D.	N.D.	0 (1)	13
Batch number: 08308109102A	Sample number(s): 5513596-5513599 UNSPK: P512673 BKG: P512673								
Total Phosphorus as P (water)	104		90-110			0.19	0.19	4* (1)	3
Batch number: 08308109102B	Sample number(s): 5513600-5513603 UNSPK: 5513600 BKG: 5513600								
Total Phosphorus as P (water)	102		90-110			N.D.	N.D.	0 (1)	3
Batch number: 083091848003	Sample number(s): 5513596-5513603 UNSPK: P514069 BKG: P514069								
Lead	104	101	75-125	2	20	N.D.	N.D.	0 (1)	20
Batch number: 083100043A	Sample number(s): 5513595-5513603 UNSPK: P512673								
Methane	-1695 (2)	-1695 (2)	35-157	0	20				
Ethane	73	97	68-131	28*	20				
Ethene	72	98	46-164	31*	20				
Propane	72	98	36-149	31*	20				
Batch number: 08310021202A	Sample number(s): 5513596-5513603 UNSPK: P514225 BKG: P514225								
Total Dissolved Solids	96 (2)	81 (2)	54-143	1	12	18,400	18,200	1	9
Batch number: 08311022101A	Sample number(s): 5513596-5513603 BKG: P512801								

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1117623
Reported: 11/19/08 at 04:22 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
Ammonia Nitrogen						N.D.	N.D.	0 (1)	2
Batch number: 08312A02A	Sample number(s): 5513602-5513603 UNSPK: P518774								
Total Xylenes	111		84-131						
Benzene	113		78-131						
Toluene	112		78-129						
Ethylbenzene	111		75-133						
Batch number: 08317196101B	Sample number(s): 5513596-5513601 UNSPK: P513811 BKG: P513811								
Sulfate	103		90-110			302	280	8	20
Batch number: 08317196102A	Sample number(s): 5513602-5513603 UNSPK: P514058 BKG: P514058								
Sulfate	116*		90-110			69.8	69.7	0	20
Batch number: 08320106103A	Sample number(s): 5513596-5513600 UNSPK: 5513600 BKG: 5513600								
Nitrate Nitrogen	99		90-110			0.53	0.54	1	3
Batch number: 08320106103B	Sample number(s): 5513601-5513603 UNSPK: P513933 BKG: P513933								
Nitrate Nitrogen	95		90-110			0.066 J	0.059 J	11* (1)	3

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: BTEX (EPA 602)
Batch number: 08306A02B

	Trifluorotoluene-P
5513595	101
5513596	104
5513597	100
5513598	100
5513599	97
5513600	101
5513601	103
Blank	103
LCS	101
LCSD	102
MS	101
Limits:	69-129

Analysis Name: Base Neutrals
Batch number: 08309WAX625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
5513596	74	84	68
5513597	75	85	78
5513598	68	90	73

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1117623
Reported: 11/19/08 at 04:22 PM

Surrogate Quality Control

5513599	73	100	94
5513600	80	84	75
5513601	75	89	84
5513602	71	82	68
5513603	73	83	70
Blank	72	79	68
LCS	81	83	81
LCSD	82	87	80
Limits:	34-132	44-134	43-131

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 083100043A

	Propene
5513595	77
5513596	101
5513597	102
5513598	84
5513599	70
5513600	70
5513601	89
5513602	82
5513603	89
Blank	98
LCS	99
MS	67
MSD	90
Limits:	42-131

Analysis Name: BTEX (EPA 602)
Batch number: 08312A02A

	Trifluorotoluene-P
5513602	103
5513603	101
Blank	102
LCS	99
LCSD	101
MS	101
Limits:	69-129

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 1117623 Sample # 5513595-603

COC # 195167

temp 2.5-4.5°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.#: 6527.33
Sampler: E. Vincke + S. Middlebrook Quote #:
Name of state where samples were collected: NJ

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

Preservation Codes: H = HCl, O = Other, H, I, S, S, I, N, O

Sample Identification	Date	Time	Matrix					Containers	BTEX	DEHP	Volatile Headspace Hydrocarbons	TDS/TSS/Sulfate Total Pos P/NH3		Nitrate Nitrogen	Nitrite Nitrogen	Diss. Lead	HPC	Remarks
TB-05	10/30/08	—	X			X		5	3		2							All sample were
MW-27S	10/30/08	0730	X			X		15	3	2	2	2	2	1	1	1	1	field filtered
MW-31S	10/30/08	0830	X			X		15	3	2	2	2	2	1	1	1	1	for Diss. Lead
MW-32S	10/30/08	0910	X			X		15	3	2	2	2	2	1	1	1	1	
MW-33S	10/30/08	0735	X			X		15	3	2	2	2	2	1	1	1	1	
MW-34S	10/30/08	0940	X			X		15	3	2	2	2	2	1	1	1	1	
MW-35S	10/30/08	1015	X			X		15	3	2	2	2	2	1	1	1	1	
RB-02	10/30/08	1215	X			X		15	3	2	2	2	2	1	1	1	1	EXCEPT RB-02 +
RB-03	10/30/08	1200	X			X		15	3	2	2	2	2	1	1	1	1	RB-03 run for
																		TOTAL Lead

(6) 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:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 616-975-5415 Fax #: 616-975-1098
E-mail address: eric.vincke@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	10/30/08	14:10	[illegible]	10/30	14:10
[illegible]	10/30	16:45			

Relinquished by:	Date	Time	Received by:	Date	Time
				10/30/08	1645

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: RMT

Date of Receipt: 10/30/09

Time of Receipt: 1645

Source Code: 01

Unpacker Emp. No.: 964

Shipping Container Sealed: YES NO

Custody Seal Present: YES NO

Custody Seal Intact: YES NO NA

Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	429951	4.5	TB	WI	Y	B	
2		4.0					
3		3.4					
4		2.5					
5		3.6					
6		4.0					

Number of Trip Blanks received NOT listed on chain of custody: Ø

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[illegible]	10/30/09	1745	Unpacking to Storage
[illegible]	10/30/09	1848	Place in Storage or Entry
			Entry
			Entry

2174.03

Lancaster Laboratories
Explanation of Symbols and Abbreviations

e following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

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 1117465. Samples arrived at the laboratory on Thursday, October 30, 2008. The PO# for this group is 6527.33.

Client Description	Lancaster Labs Number
MW-30s Grab Water Sample	5512673
MW-30d Grab Water Sample	5512674
MW-30i Grab Water Sample	5512675
MW-28i Grab Water Sample	5512676
MW-28s Grab Water Sample	5512677
MW-8 Grab Water Sample	5512678
TB-04 Water Sample	5512679

METHODOLOGY

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

ELECTRONIC COPY TO	RMT, Inc.	Attn: Eric Vincke
1 COPY TO	Data Package Group	

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

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

Respectfully Submitted,

Chad Moline

Chad A. Moline
Group Leader

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

Analysis Report

Lancaster Laboratories Sample No. WW5512673 **Group No. 1117465**

MW-30s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 15:01 by EV

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LE30S SDG#: LEC66-14

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.	2,300		1	cfu/ml	n.a.
00206	Total Suspended Solids	n.a.	18.0		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	401		9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.043	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	1.3		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.19		0.080	mg/l	1
00228	Sulfate	14808-79-8	N.D.		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	4,100		250	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
	The analysis for Volatile Headspace Hydrocarbons was run one day past the method hold time.						
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	290		0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	0.2	J	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	80		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	180		5	ug/l	5

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

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5512673 **Group No. 1117465**

MW-30s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 15:01 by EV

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LE30S SDG#: LEC66-14

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 12:19	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/02/2008 15:12	Martha G Helwig	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/31/2008 08:19	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/30/2008 21:11	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 08:53	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/02/2008 07:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:03	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/11/2008 18:13	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 08:03	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 16:02	Dustin A Underkoffler	50
08238	BTEX (EPA 602)	EPA 602	1	11/03/2008 12:42	Linda C Pape	1
00553	Base Neutrals	EPA 625	1	11/09/2008 02:52	Brian K Graham	5
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5512674 **Group No. 1117465**

MW-30d Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 15:02 by EV

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LE30D SDG#: LEC66-15

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.
00206	Total Suspended Solids	n.a.	9.2	J	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	309		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	0.27	J	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	12.7		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	N.D.		5.0	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
	The analysis for Volatile Headspace Hydrocarbons was run one day past the method hold time.						
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 lead.

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5512674 **Group No. 1117465**

MW-30d Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 15:02 by EV

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LE30D SDG#: LEC66-15

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 12:23	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/02/2008 15:12	Martha G Helwig	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/31/2008 08:19	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/30/2008 21:13	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 08:54	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/02/2008 07:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:06	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/11/2008 19:20	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 08:48	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	11/03/2008 13:24	Linda C Pape	1
00553	Base Neutrals	EPA 625	1	11/08/2008 17:39	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5512675 **Group No. 1117465**

MW-30i Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 15:51 by EV

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LE30I SDG#: LEC66-16

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.	6		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.						
00206	Total Suspended Solids	n.a.	21.6		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	411		9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.019	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	1.4		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.27		0.080	mg/l	1
00228	Sulfate	14808-79-8	4.4	J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	400		25	ug/l	5
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
	The analysis for Volatile Headspace Hydrocarbons was run one day past the method hold time.						
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	2	J	0.9	ug/l	1

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

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5512675 **Group No. 1117465**

MW-30i Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 15:51 by EV

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LE30I SDG#: LEC66-16

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	11/03/2008 12:34	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/02/2008 15:12	Martha G Helwig	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/31/2008 08:19	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/30/2008 21:14	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 09:19	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/02/2008 07:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:07	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/11/2008 19:33	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 08:59	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 09:10	Dustin A Underkoffler	5
08238	BTEX (EPA 602)	EPA 602	1	11/03/2008 13:59	Linda C Pape	1
00553	Base Neutrals	EPA 625	1	11/08/2008 18:21	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5512676 **Group No. 1117465**

MW-28i Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 16:45 by EV

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LE28I SDG#: LEC66-17

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.	24	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.					
00206	Total Suspended Solids	n.a.	20.8	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	360	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.039 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	0.54 J	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	6.7	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	500	25	ug/l	5
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
	The analysis for Volatile Headspace Hydrocarbons was run one day past the method hold time.					
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	110	0.9	ug/l	1

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

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5512676 **Group No. 1117465**

MW-28i Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 16:45 by EV

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LE28I SDG#: LEC66-17

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	11/03/2008 12:38	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/02/2008 15:12	Martha G Helwig	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/31/2008 08:19	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/30/2008 21:15	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 09:20	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/02/2008 07:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:08	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/11/2008 19:46	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 09:21	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 09:53	Dustin A Underkoffler	5
08238	BTEX (EPA 602)	EPA 602	1	11/03/2008 16:20	Linda C Pape	1
00553	Base Neutrals	EPA 625	1	11/08/2008 19:03	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5512677 **Group No. 1117465**

MW-28s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 17:59 by EV

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LE28S SDG#: LEC66-18

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.	82	1	cfu/ml	n.a.
00206	Total Suspended Solids	n.a.	23.6	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	321	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.049 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	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.31	0.080	mg/l	1
00228	Sulfate	14808-79-8	2.3 J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	1,800	100	ug/l	20
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
	The analysis for Volatile Headspace Hydrocarbons was run one day past the method hold time.					
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	15	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	4.3	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	300	9	ug/l	10

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

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5512677 **Group No. 1117465**

MW-28s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 17:59 by EV

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LE28S SDG#: LEC66-18

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 12:42	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/02/2008 15:12	Martha G Helwig	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/31/2008 08:19	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/30/2008 21:16	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 09:23	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/02/2008 07:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:10	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/11/2008 20:00	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 10:05	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 10:16	Dustin A Underkoffler	20
08238	BTEX (EPA 602)	EPA 602	1	11/03/2008 16:58	Linda C Pape	1
00553	Base Neutrals	EPA 625	1	11/09/2008 03:34	Brian K Graham	10
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5512678 **Group No. 1117465**

MW-8 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 17:35 by EV

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LEMW8 SDG#: LEC66-19

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.	5,200		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.						
00206	Total Suspended Solids	n.a.	33.6		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	94.5		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	0.35	J	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	1.9	J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	1,800		100	ug/l	20
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
	The analysis for Volatile Headspace Hydrocarbons was run one day past the method hold time.						
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	2	J	1	ug/l	1

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

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5512678 **Group No. 1117465**

MW-8 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 17:35 by EV

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LEMW8 SDG#: LEC66-19

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	11/03/2008 12:46	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	11/02/2008 15:12	Martha G Helwig	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/31/2008 08:19	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/30/2008 21:18	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 09:26	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/02/2008 07:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/09/2008 09:11	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/11/2008 20:13	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 10:27	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 10:42	Dustin A Underkoffler	20
08238	BTEX (EPA 602)	EPA 602	1	11/03/2008 17:35	Linda C Pape	1
00553	Base Neutrals	EPA 625	1	11/08/2008 20:26	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 11:00	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5512679 **Group No. 1117465**

TB-04 Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008

Account Number: 09322

Submitted: 10/30/2008 09:00
Reported: 11/16/2008 at 10:44
Discard: 12/17/2008

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

LETB4 SDG#: LEC66-20TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	N.D.	5.0	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
	The analysis for Volatile Headspace Hydrocarbons was run one day past the method hold time.					
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
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/13/2008 10:53	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	11/01/2008 12:20	Linda C Pape	1

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/16/08 at 10:44 AM

Group Number: 1117465

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: 08304105102A	Sample number(s): 5512673-5512678							
Nitrite Nitrogen	N.D.	0.015	mg/l	96		90-110		
Batch number: 08305020601B	Sample number(s): 5512673-5512678							
Total Suspended Solids	N.D.	3.0	mg/l	89		63-121		
Batch number: 083051848010	Sample number(s): 5512673-5512678							
Lead	N.D.	0.0069	mg/l	101		90-113		
Batch number: 08306A02A	Sample number(s): 5512679							
Total Xylenes	N.D.	0.6	ug/l	90	91	82-120	1	30
Benzene	N.D.	0.2	ug/l	96	96	86-119	0	30
Toluene	N.D.	0.2	ug/l	91	91	82-119	0	30
Ethylbenzene	N.D.	0.2	ug/l	89	90	81-119	1	30
Batch number: 08306A02B	Sample number(s): 5512673-5512678							
Total Xylenes	N.D.	0.6	ug/l	90	91	82-120	1	30
Benzene	N.D.	0.2	ug/l	96	96	86-119	0	30
Toluene	N.D.	0.2	ug/l	91	91	82-119	0	30
Ethylbenzene	N.D.	0.2	ug/l	89	90	81-119	1	30
Batch number: 08306WAI625	Sample number(s): 5512673-5512678							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	85		74-118		
Batch number: 08307022101A	Sample number(s): 5512673-5512678							
Ammonia Nitrogen	N.D.	0.20	mg/l	96		91-100		
Batch number: 08308109102A	Sample number(s): 5512673-5512678							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	99		90-110		
Batch number: 08309021202A	Sample number(s): 5512673-5512678							
Total Dissolved Solids	10.0 J	9.7	mg/l	106		80-120		
Batch number: 083100043A	Sample number(s): 5512673-5512679							
Methane	N.D.	5.0	ug/l	98		80-120		
Ethane	N.D.	1.0	ug/l	98		80-120		
Ethene	N.D.	1.0	ug/l	98		80-120		
Propane	N.D.	1.0	ug/l	97		73-125		
Batch number: 08316196102A	Sample number(s): 5512673-5512678							
Sulfate	N.D.	0.30	mg/l	106		89-110		
Batch number: 08320106101B	Sample number(s): 5512673-5512674							
Nitrate Nitrogen	N.D.	0.040	mg/l	103		90-110		
Batch number: 08320106102A	Sample number(s): 5512675-5512676							

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/16/08 at 10:44 AM

Group Number: 1117465

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Nitrate Nitrogen	N.D.	0.040	mg/l	100		90-110		
Batch number: 08320106102B	Sample number(s): 5512677-5512678							
Nitrate Nitrogen	N.D.	0.040	mg/l	100		90-110		

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: 08304105102A	Sample number(s): 5512673-5512678 UNSPK: 5512678 BKG: 5512678								
Nitrite Nitrogen	40*		90-110			N.D.	N.D.	0 (1)	20
Batch number: 08305020601B	Sample number(s): 5512673-5512678 BKG: P512651								
Total Suspended Solids						82.8	88.0	6	13
Batch number: 083051848010	Sample number(s): 5512673-5512678 UNSPK: P511395 BKG: P511395								
Lead	100	97	75-125	3	20	N.D.	N.D.	0 (1)	20
Batch number: 08306A02A	Sample number(s): 5512679 UNSPK: P512264								
Total Xylenes	104		84-131						
Benzene	109		78-131						
Toluene	107		78-129						
Ethylbenzene	106		75-133						
Batch number: 08306A02B	Sample number(s): 5512673-5512678 UNSPK: P512264								
Total Xylenes	104		84-131						
Benzene	109		78-131						
Toluene	107		78-129						
Ethylbenzene	106		75-133						
Batch number: 08306WAI625	Sample number(s): 5512673-5512678 UNSPK: P511395								
bis(2-Ethylhexyl)phthalate	83	82	73-126	2	30				
Batch number: 08307022101A	Sample number(s): 5512673-5512678 UNSPK: P512226 BKG: P512226								
Ammonia Nitrogen	99	97	64-128	1	8	3.7	3.7	1	2
Batch number: 08308109102A	Sample number(s): 5512673-5512678 UNSPK: 5512673 BKG: 5512673								
Total Phosphorus as P (water)	104		90-110			0.19	0.19	4* (1)	3
Batch number: 08309021202A	Sample number(s): 5512673-5512678 UNSPK: P514710 BKG: P514710								
Total Dissolved Solids	102	95	54-143	3	12	1,740	1,620	7	9
Batch number: 083100043A	Sample number(s): 5512673-5512679 UNSPK: 5512673								
Methane	-1695 (2)	-1695 (2)	35-157	0	20				
Ethane	73	97	68-131	28*	20				
Ethene	72	98	46-164	31*	20				
Propane	72	98	36-149	31*	20				

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/16/08 at 10:44 AM

Group Number: 1117465

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: 08316196102A	Sample number(s): 5512673-5512678 UNSPK: 5512673 BKG: 5512673								
Sulfate	115*		90-110			N.D.	N.D.	0 (1)	20
Batch number: 08320106101B	Sample number(s): 5512673-5512674 UNSPK: P512441 BKG: P512441								
Nitrate Nitrogen	82*		90-110			N.D.	N.D.	0 (1)	3
Batch number: 08320106102A	Sample number(s): 5512675-5512676 UNSPK: P512448 BKG: P512448								
Nitrate Nitrogen	86*		90-110			1.9	1.7	7*	3
Batch number: 08320106102B	Sample number(s): 5512677-5512678 UNSPK: 5512677 BKG: 5512677								
Nitrate Nitrogen	97		90-110			N.D.	N.D.	0 (1)	3

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: BTEX (EPA 602)
Batch number: 08306A02A

	Trifluorotoluene-P
5512679	102
Blank	102
LCS	101
LCSD	102
MS	101
Limits:	69-129

Analysis Name: BTEX (EPA 602)
Batch number: 08306A02B

	Trifluorotoluene-P
5512673	99
5512674	98
5512675	103
5512676	102
5512677	100
5512678	101
Blank	103
LCS	101
LCSD	102
MS	101
Limits:	69-129

Analysis Name: Base Neutrals
Batch number: 08306WAI625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/16/08 at 10:44 AM

Group Number: 1117465

Surrogate Quality Control

5512673	84	81	67
5512674	78	86	65
5512675	77	84	63
5512676	77	86	74
5512677	72	87	75
5512678	79	85	66
Blank	81	80	64
LCS	89	89	74
MS	86	92	77
MSD	86	90	76
Limits:	34-132	44-134	43-131

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 083100043A

	Propene
5512673	84
5512674	88
5512675	87
5512676	85
5512677	71
5512678	81
5512679	99
Blank	98
LCS	99
MS	67
MSD	90
Limits:	42-131

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

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 1117465 Sample # 5512673-79

COC # 195166

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

(1)
Client: RMT, Inc Acct. #:
Project Name/#: L.E. Carpenter PWSID #:
Project Manager: N. Cheverett P.O.#: 6527.33
Sampler: E. Vincke & S. Middlebrook Quote #:
Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR#:

(5) Analyses Requested — Preservation Codes

Preservation Codes: H=HCl, T=Thiosulfate, N=HNO_3, B=NaOH, S=H_2SO_4, O=Other (6)

(2) Sample Identification	Date Collected	Time Collected	(3) Matrix			(4) Number of containers			BTEX (H)	DEHP (O)	Volatile Petroleum Hydrocarbons (H)	Total Phos/NH_3 (S)	TDS/TSS/Sulfide (I)	Nitrate Nitrogen (S)	Nitrite Nitrogen (I)	Diss. Lead (N)	HPC (O)	Remarks
MW-30S	10/29/08	1501	X			X		15	3	2	2	2	2	1	1	1	1	All Samples
MW-30D	10/29/08	1502	X			X		15	3	2	2	2	2	1	1	1	1	of Diss. Lead
MW-30I	10/29/08	1551	X			X		15	3	2	2	2	2	1	1	1	1	were field
MW-28I	10/29/08	1645	X			X		15	3	2	2	2	2	1	1	1	1	filtered.
MW-28S	10/29/08	1759	X			X		15	3	2	2	2	2	1	1	1	1	
MW-8	10/29/08	1735	X			X		15	3	2	2	2	2	1	1	1	1	
TB-04	10/29/08	—				X		5	3		2							

(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 #: 616-975-5415 Fax #: 616-975-1098
E-mail address: eric.vincke@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

Relinquished by:	Date	Time	Received by:	Date	Time (9)
E. Vincke	10/29/08	1930	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:	10/30/08	9:00

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: RMT, Inc.

Date of Receipt: 10/30/08

Time of Receipt: 0900

Source Code: 50-1

Unpacker Emp. No.: 1454

Shipping Container Sealed: YES NO

Custody Seal Present: YES NO

Custody Seal Intact: YES NO NA

Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	0429266	2.3.c	TB	WI	Y	B	
2	↓	1.9.c	↓	↓	↓	↓	
3	↓	2.0.c	↓	↓	↓	↓	
4	↓	0.8.c	↓	↓	↓	↓	
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[illegible]	10/30/08	1030	Unpacking / to Storage
Kristin [illegible]	10-30-08	1102	Place in Storage or Entry
			Entry
			Entry

2174.03

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

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 1117198. Samples arrived at the laboratory on Tuesday, October 28, 2008. The PO# for this group is 6527.33.

Client Description	Lancaster Labs Number
Dup-01 Grab Water Sample	5511196
DRC-02 Grab Water Sample	5511197
SW-D-5 Grab Water Sample	5511198
SW-R-1 Grab Water Sample	5511199
SW-R-2 Grab Water Sample	5511200
SW-R-3 Grab Water Sample	5511201
SW-R-4 Unspiked Grab Water Sample	5511202
SW-R-4MS Matrix Spike Grab Water Sample	5511203
SW-R-4MSD Matrix Spike Duplicate Grab Water Sample	5511204
SW-R-5 Grab Water Sample	5511205
SW-R-6 Grab Water Sample	5511206
SW-D-4 Grab Water Sample	5511207
SW-D-3 Grab Water Sample	5511208
SW-D-2 Grab Water Sample	5511209
SW-D-1 Grab Water Sample	5511210
RB-01 Grab Water Sample	5511211
TB-01 Water Sample	5511212
MW-19-4 Grab Water Sample	5511213

METHODOLOGY

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

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

ELECTRONIC COPY TO	RMT, Inc.	Attn: Eric Vincke
1 COPY TO	Data Package Group	

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

Respectfully Submitted,

Diane L. Lockard

Diane L. Lockard
Group Leader

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

Analysis Report

Lancaster Laboratories Sample No. WW5511196 **Group No. 1117198**

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

Collected:10/27/2008 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

DUP01 SDG#: LEC65-01FD

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	10/31/2008 18:39	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 07:48	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511197 **Group No. 1117198**

DRC-02 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 11:10 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

DRC02 SDG#: LEC65-02

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	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	10/31/2008 20:25	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 08:30	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511198 **Group No. 1117198**

SW-D-5 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 11:25 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-D5 SDG#: LEC65-03

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	4	J	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	10/31/2008 21:00	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 09:12	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511199 **Group No. 1117198**

SW-R-1 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 11:35 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-R1 SDG#: LEC65-04

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	10/30/2008 15:13	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 09:54	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511200 **Group No. 1117198**

SW-R-2 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 11:40 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-R2 SDG#: LEC65-05

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	10/30/2008 15:48	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 10:35	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511201 **Group No. 1117198**

SW-R-3 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 11:55 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-R3 SDG#: LEC65-05

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	10/30/2008 16:24	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 11:17	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511202 **Group No. 1117198**

SW-R-4 Unspiked Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 12:15 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-R4 SDG#: LEC65-06BKG

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	10/30/2008 12:16	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 05:42	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511203 **Group No. 1117198**

SW-R-4MS Matrix Spike Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 12:15 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-R4 SDG#: LEC65-06MS

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	60	0.6	ug/l	1
07029	Benzene	71-43-2	20	0.2	ug/l	1
07030	Toluene	108-88-3	20	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	20	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	46	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	10/30/2008 12:51	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 06:24	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511204 **Group No. 1117198**

SW-R-4MSD Matrix Spike Duplicate Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 12:15 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-R4 SDG#: LEC65-06MSD

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	60	0.6	ug/l	1
07029	Benzene	71-43-2	19	0.2	ug/l	1
07030	Toluene	108-88-3	19	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	20	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	45	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	10/30/2008 13:27	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 07:06	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511205 **Group No. 1117198**

SW-R-5 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 16:20 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-R5 SDG#: LEC65-07

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	10/30/2008 16:59	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 11:59	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511206 **Group No. 1117198**

SW-R-6 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 16:30 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-R6 SDG#: LEC65-08

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	10/30/2008 17:35	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 12:41	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511207 **Group No. 1117198**

SW-D-4 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 12:35 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-D4 SDG#: LEC65-09

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	10/30/2008 18:10	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 13:23	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511208 **Group No. 1117198**

SW-D-3 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 17:37 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-D3 SDG#: LEC65-10

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	10/30/2008 11:40	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 14:05	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511209 **Group No. 1117198**

SW-D-2 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 17:47 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-D2 SDG#: LEC65-11

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	13	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	10/30/2008 20:43	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 14:47	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511210 **Group No. 1117198**

SW-D-1 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008 17:50 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

SW-D1 SDG#: LEC65-12

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	10/30/2008 21:18	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 15:29	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511211 **Group No. 1117198**

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

Collected:10/27/2008 18:10 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

RB01- SDG#: LEC65-13RB

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	10/30/2008 21:53	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 16:10	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511212 **Group No. 1117198**

TB-01 Water Sample
L.E. Carpenter, NJ

Collected:10/27/2008

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

TB01- SDG#: LEC65-14TB

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

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
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	10/29/2008 23:56	Glorines Suarez-Rivera	1
08238	BTEX (EPA 602)	EPA 602	1	10/29/2008 15:41	K. Robert Caulfeild-James	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511213 **Group No. 1117198**

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

Collected:10/28/2008 10:43 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

M-194 SDG#: LEC65-15*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.0142 J	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	150	1	cfu/ml	n.a.
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	691	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	1.6	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	44.7	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 lead.

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

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax:717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511213 **Group No. 1117198**

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

Collected:10/28/2008 10:43 by EV

Account Number: 09322

Submitted: 10/28/2008 16:50
Reported: 11/18/2008 at 03:54
Discard: 12/19/2008

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

M-194 SDG#: LEC65-15*

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/06/2008 10:40	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/30/2008 19:57	Keith A Hoover	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/30/2008 08:33	Susan A Engle	1
00212	Total Dissolved Solids	SM20 2540 C	1	10/31/2008 09:21	Susan A Engle	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/28/2008 21:17	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2008 09:58	William L Hamaker Jr	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	10/30/2008 17:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/05/2008 12:42	Nicole M Kepley	1
00228	Sulfate	EPA 300.0	1	11/08/2008 10:40	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	10/30/2008 00:09	Glorines Suarez-Rivera	1
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 21:36	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/06/2008 16:52	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/03/2008 13:47	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 01:45	Roman Kuropatkin	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	10/30/2008 20:45	Carolyn M Mastropietro	1

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1117198
Reported: 11/18/08 at 03:54 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: 08300A02B	Sample number(s): 5511212							
Total Xylenes	N.D.	0.6	ug/l	100	100	82-120	0	30
Benzene	N.D.	0.2	ug/l	104	106	86-119	2	30
Toluene	N.D.	0.2	ug/l	101	101	82-119	0	30
Ethylbenzene	N.D.	0.2	ug/l	99	99	81-119	0	30
Batch number: 08302105101B	Sample number(s): 5511213							
Nitrite Nitrogen	N.D.	0.015	mg/l	94		90-110		
Batch number: 083030036A	Sample number(s): 5511212-5511213							
Methane	N.D.	2.0	ug/l	81		80-120		
Ethane	N.D.	1.0	ug/l	88		80-120		
Ethene	N.D.	1.0	ug/l	87		80-120		
Propane	N.D.	1.0	ug/l	88		73-125		
Batch number: 08304020601B	Sample number(s): 5511213							
Total Suspended Solids	N.D.	3.0	mg/l	93		63-121		
Batch number: 08304022101A	Sample number(s): 5511213							
Ammonia Nitrogen	N.D.	0.20	mg/l	97		91-100		
Batch number: 08304A02A	Sample number(s): 5511199-5511211							
Total Xylenes	N.D.	0.6	ug/l	86		82-120		
Benzene	N.D.	0.2	ug/l	90		86-119		
Toluene	N.D.	0.2	ug/l	85		82-119		
Ethylbenzene	N.D.	0.2	ug/l	84		81-119		
Batch number: 08305021201A	Sample number(s): 5511213							
Total Dissolved Solids	N.D.	9.7	mg/l	108		80-120		
Batch number: 08305109101B	Sample number(s): 5511213							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	101		90-110		
Batch number: 083051848005	Sample number(s): 5511213							
Lead	N.D.	0.0069	mg/l	101		90-113		
Batch number: 08305A02A	Sample number(s): 5511196-5511198,5511213							
Total Xylenes	N.D.	0.6	ug/l	93		82-120		
Benzene	N.D.	0.2	ug/l	98		86-119		
Toluene	N.D.	0.2	ug/l	94		82-119		
Ethylbenzene	N.D.	0.2	ug/l	92		81-119		
Batch number: 08306WAE625	Sample number(s): 5511196-5511211,5511213							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	90		74-118		
Batch number: 08312196602B	Sample number(s): 5511213							
Sulfate	N.D.	0.30	mg/l	101		89-110		

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1117198
Reported: 11/18/08 at 03:54 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 08319106101B	Sample number(s): 5511213							
Nitrate Nitrogen	N.D.	0.040	mg/l	105		90-110		

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: 08300A02B	Sample number(s): 5511212 UNSPK: P507681								
Total Xylenes	101		84-131						
Benzene	100		78-131						
Toluene	99		78-129						
Ethylbenzene	102		75-133						
Batch number: 08302105101B	Sample number(s): 5511213 UNSPK: P511152 BKG: P511152								
Nitrite Nitrogen	94		90-110			N.D.	N.D.	0 (1)	20
Batch number: 083030036A	Sample number(s): 5511212-5511213 UNSPK: P510517								
Methane	-186 (2)	-339 (2)	35-157	32*	20				
Ethane	86	76	68-131	13	20				
Ethene	89	77	46-164	14	20				
Propane	90	78	36-149	14	20				
Batch number: 08304020601B	Sample number(s): 5511213 BKG: P512090								
Total Suspended Solids						9.2 J	15.2	49* (1)	13
Batch number: 08304022101A	Sample number(s): 5511213 UNSPK: P508586 BKG: P508586								
Ammonia Nitrogen	99	99	64-128	0	8	N.D.	N.D.	0 (1)	2
Batch number: 08304A02A	Sample number(s): 5511199-5511211 UNSPK: 5511202								
Total Xylenes	100	100	84-131	0	30				
Benzene	99	96	78-131	3	30				
Toluene	98	97	78-129	1	30				
Ethylbenzene	101	100	75-133	1	30				
Batch number: 08305021201A	Sample number(s): 5511213 UNSPK: P511709 BKG: P511709								
Total Dissolved Solids	97	94	54-143	1	12	14,500	14,700	1	9
Batch number: 08305109101B	Sample number(s): 5511213 UNSPK: P511395 BKG: P511395								
Total Phosphorus as P (water)	100		90-110			N.D.	N.D.	0 (1)	3
Batch number: 083051848005	Sample number(s): 5511213 UNSPK: P510666 BKG: P510666								
Lead	98	96	75-125	2	20	0.0462	0.0486	5 (1)	20
Batch number: 08305A02A	Sample number(s): 5511196-5511198,5511213 UNSPK: P511395								
Total Xylenes	108	110	84-131	1	30				
Benzene	112	117	78-131	4	30				
Toluene	109	109	78-129	0	30				

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/18/08 at 03:54 AM

Group Number: 1117198

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
Ethylbenzene	109	110	75-133	1	30				
Batch number: 08306WAE625	Sample number(s): 5511196-5511211,5511213 UNSPK: 5511202								
bis(2-Ethylhexyl)phthalate	91	89	73-126	2	30				
Batch number: 08312196602B	Sample number(s): 5511213 UNSPK: P511395 BKG: P511395								
Sulfate	107		90-110			23.9	23.6	1 (1)	20
Batch number: 08319106101B	Sample number(s): 5511213 UNSPK: P511152 BKG: P511152								
Nitrate Nitrogen	106		90-110			N.D.	N.D.	0 (1)	3

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: BTEX (EPA 602)
Batch number: 08300A02B

	Trifluorotoluene-P
5511212	103
Blank	102
LCS	102
LCSD	102
MS	102
Limits:	69-129

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 083030036A

	Propene
5511212	76
5511213	74
Blank	81
LCS	82
MS	75
MSD	69
Limits:	42-131

Analysis Name: BTEX (EPA 602)
Batch number: 08304A02A

	Trifluorotoluene-P
5511199	103
5511200	102
5511201	103
5511202	102
5511203	102

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/18/08 at 03:54 AM

Group Number: 1117198

Surrogate Quality Control

5511204	101
5511205	102
5511206	102
5511207	102
5511208	102
5511209	102
5511210	101
5511211	103
Blank	103
LCS	102
MS	102
MSD	101
Limits:	69-129

Analysis Name: BTEX (EPA 602)
Batch number: 08305A02A

	Trifluorotoluene-P
5511196	102
5511197	102
5511198	102
5511213	103
Blank	103
LCS	101
MS	100
MSD	101
Limits:	69-129

Analysis Name: Base Neutrals
Batch number: 08306WAE625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
5511196	83	84	67
5511197	79	85	60
5511198	79	85	67
5511199	79	81	65
5511200	76	87	65
5511201	77	89	66
5511202	76	83	64
5511203	88	92	77
5511204	90	89	76
5511205	78	85	65
5511206	76	81	66
5511207	76	86	65
5511208	75	83	59
5511209	75	87	67
5511210	74	89	65
5511211	81	87	66
5511213	78	84	66
Blank	84	86	65
LCS	91	90	79
MS	88	92	77
MSD	90	89	76
Limits:	34-132	44-134	43-131

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/18/08 at 03:54 AM

Group Number: 1117198

Surrogate Quality Control

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 1117198 Sample # 5511196-213

COC # 195163

temp 2.2-4.5°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 + Co. PWSID #:
Project Manager: N. Clevett P.O.#: 6527.33
Sampler: E. Vincke + S. Middlebrook Quote #:
Name of state where samples were collected: NJ

(4) (5) Preservation Codes

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

(6)

(2)	Date	Time	(3)														Remarks
									BTEX	DEHP							
Dup-01	10/27/08	—	X			X		5	3	2							
DRC-02	10/27/08	1110	X			X		5	3	2							
SW-D-5	10/27/08	1125	X			X		5	3	2							
SW-R-1	10/27/08	1135	X			X		5	3	2							
SW-R-2	10/27/08	1140	X			X		5	3	2							
SW-R-3	10/27/08	1155	X			X		5	3	2							
SW-R-4	10/27/08	1215	X			X		5	3	2							
SW-R-5	10/27/08	1620	X			X		5	3	2							
SW-R-6	10/27/08	1630	X			X		5	3	2							
SW-D-4	10/27/08	1235	X			X		5	3	2							

(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: eric.vincke@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	10/28/08	13:00	[signature]	10/28/08	13:00
[signature]	10/28/08	16:50			
			[signature]	10/28/08	16:50

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 1117198 Sample # 551196-2/3

COC # 195162

temp 2.2-4.5°C

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

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

Project Name/#: L. E. Carpenter & Co PWSID #:

Project Manager: N. Clevett P.O.#: 6527.33

Sampler: E. Vincke + S. Middlebrook Quote #:

Name of state where samples were collected:

For Lab Use Only
FSC:
SCR#: 66750

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

(2) (3) (4) (5) Analysis Requested — Preservation Codes

Sample Identification	Date	Time	Matrix						BTEX (H)	DEHP (O)	Volatile Hydrocarbons (H)	Total Phos P/Nitr (S)	TDS / TSS/Sulfate (—)	Nitrate Nitrogen (S)	Nitrite Nitrogen (—)	Diss. Lead (N)	HPC (O)	Remarks
SW-R-4 MS/MSD	10/27/08	1215	X			X		5	3	2								
SW-D-3	10/27/08	1737	X			X		5	3	2								
SW-D-2	10/27/08	1747	X			X		5	3	2								
SW-D-1	10/27/08	1750	X			X		5	3	2								
RB-01	10/27/08	1810	X			X		5	3	2								
TB-01	10/27/08	—	X			X		5	3		2							
MW-19-4	10/28/08	1043	X			X		15	3	2	2	2	3	1	1	1	1	Diss. Lead is field filtered

(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
Bobbie Storage	10/27/08	1615	Tony Lerge	10/28/08	08:15
E. Vincke	10/28	1213	Tony Lerge	10/28/08	13:00
Tony Lerge	10/28/08	16:50			
			Melissa Miles	10/28/08	1650

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
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: RMT Inc

Date of Receipt: 10/28/08

Time of Receipt: 1650

Source Code: 01

Unpacker Emp. No.: 2308

Shipping Container Sealed: (YES) NO

Custody Seal Present: (YES) NO

Custody Seal Intact: (YES) NO NA

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	04298165	3.2°C	TB	WI	Y	B	
2	↓	4.1°C	↓	↓	↓	↓	
3	↓	3.6°C	↓	↓	↓	↓	
4	↓	4.5°C	↓	↓	↓	↓	
5	↓	2.2°C	↓	↓	↓	↓	
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:
Samples SW-D-3 time should be 1737 not 1730.

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[illegible]	10/28/08	1739	Unpacking to Storage
[illegible]	10/28/08	1935	Place in Storage or Entry
			Entry
			Entry

2174.03

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

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 1117238. Samples arrived at the laboratory on Wednesday, October 29, 2008. The PO# for this group is 6527.33.

Client Description	Lancaster Labs Number
TB-02 Water Sample	5511393
MW-19-12 Grab Water Sample	5511394
GEI-2s_Unspiked Grab Water Sample	5511395
GEI-2s_Matrix_Spike Grab Water Sample	5511396
GEI-2s_Matrix_Spike_Duplicate Grab Water Sample	5511397
GEI-2s_Duplicate Grab Water Sample	5511398
ATM-01 Grab Water Sample	5511399
MW-19-7 Grab Water Sample	5511400
Dup-02 Grab Water Sample	5511401

METHODOLOGY

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

ELECTRONIC COPY TO	RMT, Inc.	Attn: Eric Vincke
1 COPY TO	Data Package Group	

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

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

Respectfully Submitted,

Diane L. Lockard

Diane L. Lockard
Group Leader

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511393 **Group No. 1117238**

TB-02 Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LETB2 SDG#: LEC66-01TB

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

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
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 13:20	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 13:20	K. Robert Caulfeild-James	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511394 **Group No. 1117238**

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

Collected:10/28/2008 14:20 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LE191 SDG#: LEC66-02

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.	7	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.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	269	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.79	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	16.6	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 lead.

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

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511394 **Group No. 1117238**

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

Collected:10/28/2008 14:20 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LE191 SDG#: LEC66-02

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 11:34	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/31/2008 14:35	Kimberly A Small	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/30/2008 08:33	Susan A Engle	1
00212	Total Dissolved Solids	SM20 2540 C	1	10/30/2008 08:48	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/29/2008 21:57	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2008 10:23	William L Hamaker Jr	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	10/31/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/05/2008 12:43	Nicole M Kepley	1
00228	Sulfate	EPA 300.0	1	11/08/2008 10:56	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 13:32	Glorines Suarez-Rivera	1
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 16:17	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/08/2008 09:57	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	10/30/2008 20:45	Carolyn M Mastropietro	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511395 **Group No. 1117238**

GEI-2s_Unspiked Grab Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008 15:25 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LEGE2 SDG#: LEC66-03BKG

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.	16		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.						
00206	Total Suspended Solids	n.a.	N.D.		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	302		9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	2.4		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	23.9		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	110		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	1.3	J	0.6	ug/l	1
07029	Benzene	71-43-2	0.3	J	0.2	ug/l	1
07030	Toluene	108-88-3	0.6	J	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	3	J	1	ug/l	1

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

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5511395 **Group No. 1117238**

GEI-2s_Unspiked Grab Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008 15:25 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LEGE2 SDG#: LEC66-03BKG

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 11:11	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/31/2008 14:35	Kimberly A Small	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/30/2008 08:33	Susan A Engle	1
00212	Total Dissolved Solids	SM20 2540 C	1	10/30/2008 08:48	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/29/2008 21:59	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2008 10:24	William L Hamaker Jr	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	10/31/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/05/2008 12:44	Nicole M Kepley	1
00228	Sulfate	EPA 300.0	1	11/08/2008 09:54	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 13:44	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 14:31	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/08/2008 07:51	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	10/30/2008 20:45	Carolyn M Mastropietro	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511396 **Group No. 1117238**

GEI-2s_Matrix_Spike Grab Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008 15:25 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LEGE2 SDG#: LEC66-03MS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.120	0.0069	mg/l	1
00212	Total Dissolved Solids	n.a.	460	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.20	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	3.2	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	13.8	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	2.0	0.080	mg/l	1
00228	Sulfate	14808-79-8	77.5	3.0	mg/l	10
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	140	2.0	ug/l	1
07107	Ethane	74-84-0	58	1.0	ug/l	1
07108	Ethene	74-85-1	61	1.0	ug/l	1
07109	Propane	74-98-6	58	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	66	0.6	ug/l	1
07029	Benzene	71-43-2	23	0.2	ug/l	1
07030	Toluene	108-88-3	22	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	22	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	43	1	ug/l	1

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

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	11/03/2008 11:22	Eric L Eby	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511396 **Group No. 1117238**

GEI-2s_Matrix_Spike Grab Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008 15:25 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LEGE2 SDG#: LEC66-03MS

00212	Total Dissolved Solids	SM20 2540 C	1	10/30/2008 08:48	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/29/2008 22:02	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2008 10:25	William L Hamaker Jr	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	10/31/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/05/2008 12:46	Nicole M Kepley	1
00228	Sulfate	EPA 300.0	1	11/08/2008 10:25	Ashley M Heckman	10
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 13:57	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 15:06	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/08/2008 08:33	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	10/30/2008 20:45	Carolyn M Mastropietro	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511397 **Group No. 1117238**

GEI-2s_Matrix_Spike_Duplicate Grab Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008 15:25 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LEGE2 SDG#: LEC66-03MSD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.117	0.0069	mg/l	1
00212	Total Dissolved Solids	n.a.	495	9.7	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	13.9	0.20	mg/l	1
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	75	2.0	ug/l	1
07107	Ethane	74-84-0	59	1.0	ug/l	1
07108	Ethene	74-85-1	63	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	24	0.2	ug/l	1
07030	Toluene	108-88-3	22	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	22	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	42	0.9	ug/l	1

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

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	11/03/2008 11:26	Eric L Eby	1
00212	Total Dissolved Solids	SM20 2540 C	1	10/30/2008 08:48	Yolunder Y Bunch	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	10/31/2008 16:00	Luz M Groff	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 14:09	Dustin A Underkoffler	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511397 **Group No. 1117238**

GEI-2s_Matrix_Spike_Duplicate Grab Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008 15:25 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LEGE2 SDG#: LEC66-03MSD

08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 15:42	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/08/2008 09:15	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511398 **Group No. 1117238**

GEI-2s_Duplicate Grab Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008 15:25 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LEGE2 SDG#: LEC66-03DUP

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.	21	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.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	296	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	2.5	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	23.6	1.5	mg/l	5

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

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	11/03/2008 11:19	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/31/2008 14:35	Kimberly A Small	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/30/2008 08:33	Susan A Engle	1
00212	Total Dissolved Solids	SM20 2540 C	1	10/30/2008 08:48	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/29/2008 22:04	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2008 10:27	William L Hamaker Jr	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	10/31/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/05/2008 13:01	Nicole M Kepley	1
00228	Sulfate	EPA 300.0	1	11/08/2008 10:09	Ashley M Heckman	5
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	10/30/2008 20:45	Carolyn M Mastropietro	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511398 **Group No. 1117238**

GEI-2s_Duplicate Grab Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008 15:25 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LEGE2 SDG#: LEC66-03DUP

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

Analysis Report

Lancaster Laboratories Sample No. WW5511399 **Group No. 1117238**

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

Collected:10/28/2008 15:55 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LEAT1 SDG#: LEC66-04AB

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.					
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

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511399 **Group No. 1117238**

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

Collected:10/28/2008 15:55 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LEAT1 SDG#: LEC66-04AB

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 11:38	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/31/2008 14:35	Kimberly A Small	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/30/2008 08:33	Susan A Engle	1
00212	Total Dissolved Solids	SM20 2540 C	1	10/30/2008 08:48	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/29/2008 22:05	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2008 10:28	William L Hamaker Jr	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	10/31/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/05/2008 13:02	Nicole M Kepley	1
00228	Sulfate	EPA 300.0	1	11/08/2008 11:11	Ashley M Heckman	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 14:21	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 16:53	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/08/2008 10:39	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	10/30/2008 20:45	Carolyn M Mastropietro	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511400 **Group No. 1117238**

MW-19-7 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008 16:55 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LE197 SDG#: LEC66-05

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.	270	1	cfu/ml	n.a.
00206	Total Suspended Solids	n.a.	3.2 J	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	617	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	1.1	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	20.0	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	550	10	ug/l	5
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

The GC/MS semivolatile surrogate recovery of terphenyl-d14 was outside of QC limits. The recovery was, however, greater than 10%.

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

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

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511400 **Group No. 1117238**

MW-19-7 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008 16:55 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LE197 SDG#: LEC66-05

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 11:49	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/31/2008 14:35	Kimberly A Small	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/30/2008 08:33	Susan A Engle	1
00212	Total Dissolved Solids	SM20 2540 C	1	10/30/2008 08:48	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/29/2008 22:06	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2008 10:32	William L Hamaker Jr	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	10/31/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/05/2008 12:51	Nicole M Kepley	1
00228	Sulfate	EPA 300.0	1	11/08/2008 11:58	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 14:33	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 14:45	Dustin A Underkoffler	5
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 17:28	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/08/2008 11:21	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	10/30/2008 20:45	Carolyn M Mastropietro	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5511401 **Group No. 1117238**

Dup-02 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LEDP2 SDG#: LEC66-06FD

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.	110	1	cfu/ml	n.a.
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	625	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	1.1	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	20.6	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	570	10	ug/l	5
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 lead.

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
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5511401 **Group No. 1117238**

Dup-02 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/28/2008 by EV

Account Number: 09322

Submitted: 10/29/2008 09:00
Reported: 11/18/2008 at 03:58
Discard: 12/19/2008

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

LEDP2 SDG#: LEC66-06FD

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 11:53	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/31/2008 14:35	Kimberly A Small	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/30/2008 08:33	Susan A Engle	1
00212	Total Dissolved Solids	SM20 2540 C	1	10/30/2008 08:48	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/29/2008 22:07	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/14/2008 10:33	William L Hamaker Jr	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	10/31/2008 16:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/05/2008 12:53	Nicole M Kepley	1
00228	Sulfate	EPA 300.0	1	11/08/2008 12:13	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 15:10	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 15:22	Dustin A Underkoffler	5
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 18:04	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/08/2008 12:03	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	10/30/2008 20:45	Carolyn M Mastropietro	1

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1117238
Reported: 11/18/08 at 03:59 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: 08303105102A	Sample number(s): 5511394-5511396,5511398-5511401							
Nitrite Nitrogen	N.D.	0.015	mg/l	91		90-110		
Batch number: 08304020601A	Sample number(s): 5511394-5511395,5511398-5511401							
Total Suspended Solids	N.D.	3.0	mg/l	93		63-121		
Batch number: 08304021202A	Sample number(s): 5511394-5511401							
Total Dissolved Solids	N.D.	9.7	mg/l	100		80-120		
Batch number: 08305022101A	Sample number(s): 5511394-5511401							
Ammonia Nitrogen	N.D.	0.20	mg/l	96		91-100		
Batch number: 08305109101B	Sample number(s): 5511394-5511396,5511398-5511401							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	101		90-110		
Batch number: 083051848010	Sample number(s): 5511394-5511401							
Lead	N.D.	0.0069	mg/l	101		90-113		
Batch number: 08305A02A	Sample number(s): 5511393-5511397,5511399-5511401							
Total Xylenes	N.D.	0.6	ug/l	93		82-120		
Benzene	N.D.	0.2	ug/l	98		86-119		
Toluene	N.D.	0.2	ug/l	94		82-119		
Ethylbenzene	N.D.	0.2	ug/l	92		81-119		
Batch number: 08306WAI625	Sample number(s): 5511394-5511397,5511399-5511401							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	85		74-118		
Batch number: 083090003A	Sample number(s): 5511393-5511397,5511399-5511401							
Methane	N.D.	2.0	ug/l	93		80-120		
Ethane	N.D.	1.0	ug/l	92		80-120		
Ethene	N.D.	1.0	ug/l	92		80-120		
Propane	N.D.	1.0	ug/l	87		73-125		
Batch number: 08312196602B	Sample number(s): 5511394-5511396,5511398-5511401							
Sulfate	N.D.	0.30	mg/l	101		89-110		
Batch number: 08319106102A	Sample number(s): 5511394-5511396,5511398-5511399							
Nitrate Nitrogen	N.D.	0.040	mg/l	102		90-110		
Batch number: 08319106102B	Sample number(s): 5511400-5511401							
Nitrate Nitrogen	N.D.	0.040	mg/l	102		90-110		

Sample Matrix Quality Control

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1117238
Reported: 11/18/08 at 03:59 AM
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: 08303105102A	Sample number(s): 5511394-5511396,5511398-5511401 UNSPK: 5511395 BKG: 5511395								
Nitrite Nitrogen	101		90-110			N.D.	N.D.	0 (1)	20
Batch number: 08304020601A	Sample number(s): 5511394-5511395,5511398-5511401 BKG: 5511395								
Total Suspended Solids						N.D.	N.D.	0 (1)	13
Batch number: 08304021202A	Sample number(s): 5511394-5511401 UNSPK: 5511395 BKG: 5511395								
Total Dissolved Solids	79	97	54-143	7	12	302	296	2	9
Batch number: 08305022101A	Sample number(s): 5511394-5511401 UNSPK: 5511395 BKG: 5511395								
Ammonia Nitrogen	98	99	64-128	1	8	N.D.	N.D.	0 (1)	2
Batch number: 08305109101B	Sample number(s): 5511394-5511396,5511398-5511401 UNSPK: 5511395 BKG: 5511395								
Total Phosphorus as P (water)	100		90-110			N.D.	N.D.	0 (1)	3
Batch number: 083051848010	Sample number(s): 5511394-5511401 UNSPK: 5511395 BKG: 5511395								
Lead	100	97	75-125	3	20	N.D.	N.D.	0 (1)	20
Batch number: 08305A02A	Sample number(s): 5511393-5511397,5511399-5511401 UNSPK: 5511395								
Total Xylenes	108	110	84-131	1	30				
Benzene	112	117	78-131	4	30				
Toluene	109	109	78-129	0	30				
Ethylbenzene	109	110	75-133	1	30				
Batch number: 08306WAI625	Sample number(s): 5511394-5511397,5511399-5511401 UNSPK: 5511395								
bis(2-Ethylhexyl)phthalate	83	82	73-126	2	30				
Batch number: 083090003A	Sample number(s): 5511393-5511397,5511399-5511401 UNSPK: 5511395								
Methane	51	-59*	35-157	60*	20				
Ethane	98	100	68-131	2	20				
Ethene	100	103	46-164	3	20				
Propane	97	105	36-149	8	20				
Batch number: 08312196602B	Sample number(s): 5511394-5511396,5511398-5511401 UNSPK: 5511395 BKG: 5511395								
Sulfate	107		90-110			23.9	23.6	1 (1)	20
Batch number: 08319106102A	Sample number(s): 5511394-5511396,5511398-5511399 UNSPK: 5511395 BKG: 5511395								
Nitrate Nitrogen	93		90-110			2.4	2.5	2	3
Batch number: 08319106102B	Sample number(s): 5511400-5511401 UNSPK: P511648 BKG: P511648								
Nitrate Nitrogen	104		90-110			N.D.	N.D.	0 (1)	3

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: BTEX (EPA 602)
Batch number: 08305A02A
Trifluorotoluene-P

---

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1117238
Reported: 11/18/08 at 03:59 AM

Surrogate Quality Control

5511393	102
5511394	102
5511395	103
5511396	100
5511397	101
5511399	101
5511400	103
5511401	103
Blank	103
LCS	101
MS	100
MSD	101
Limits:	69-129

Analysis Name: Base Neutrals
Batch number: 08306WAI625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
5511394	77	85	65
5511395	78	84	67
5511396	86	92	77
5511397	86	90	76
5511399	77	84	69
5511400	48	54	42*
5511401	82	88	70
Blank	81	80	64
LCS	89	89	74
MS	86	92	77
MSD	86	90	76
Limits:	34-132	44-134	43-131

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 083090003A

	Propene
5511393	58
5511394	90
5511395	101
5511396	90
5511397	98
5511399	80
5511400	65
5511401	71
Blank	102
LCS	84
MS	90
MSD	98
Limits:	42-131

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 1117238 Sample # 5511393-401

COC # 195165

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.#: 6527.33

Sampler: E. Vincke & S. Middlebrook Quote #:

Name of state where samples were collected: NJ

For Lab Use Only

FSC:

SCR#:

(5) Analyses Requested — Preservation Codes

Preservation Codes: H=HCl, T=Thiosulfate, N=HNO_3, B=NaOH, S=H_2SO_4, O=Other (6)

(2) Sample Identification	Date Collected	Time Collected	(3) Matrix			(4) Number of containers			BTEX (H)	DEHP (D)	Volatile Hydrocarbons (H)	Total P as P/NH_3 (S)	TDS/TSS/Sulfate (–)	Nitrate Nitrogen (S)	Nitrite Nitrogen (–)	Diss. Lead (N)	HPC (D)	Remarks
TB-02	10/28/08	—	X			X		5	3		2							All Diss. Lead
MW-19-12	10/28/08	1420	X			X		15	3	2	2	2	2	1	1	1	1	Field Filtered
GEI-2s	10/28/08	1525	X			X		15	3	2	2	2	2	1	1	1	1	EXCEPT ATM-01
GEI-2s MS/MSD	10/28/08	1525	X			X		15	3	2	2	2	2	1	1	1	1	
ATM-01	10/28/08	1555	X			X		15	3	2	2	2	2	1	1	1	1	ATM-01 run total
MW-19-7	10/28/08	1655	X			X		15	3	2	2	2	2	1	1	1	1	Lead
Dup-02	10/28/08	—	X			X		15	3	2	2	2	2	1	1	1	1	

(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 #: 616-975-5415 Fax #: 616-975-1098

E-mail address: eric.vincke@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	10/28/08	AM	FedEx		

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-2766

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration Receipt Documentation Log

Client/Project: RMT, Inc.

Date of Receipt: 10/29/08

Time of Receipt: 0900

Source Code: 50-1

Unpacker Emp. No.: 1454

Shipping Container Sealed: (YES) NO

Custody Seal Present: (YES) NO

Custody Seal Intact: (YES) NO NA

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	0428866	4.2°C	TB	WI	Y	B	
2	↓	3.5°C	↓	↓	↓	↓	
3	↓	1.2°C	↓	↓	↓	↓	
4	↓	4.0°C	↓	↓	↓	↓	
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Rec. 1 broken MW-19-12@1420 NH3 bottle

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[illegible]	10/29/08	1030	Unpacking 1 to Storage
Kristin Leigh	10-29-08	1111	Place in Storage or (Entry)
			Entry
			Entry

Lancaster Laboratories
Explanation of Symbols and Abbreviations

he following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

REVISED

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 1117396. Samples arrived at the laboratory on Wednesday, October 29, 2008. The PO# for this group is 6527.33.

Client Description	Lancaster Labs Number
MW-19-6 Grab Water Sample	5512217
MW-19-5 Grab Water Sample	5512218
MW-19 Grab Water Sample	5512219
MW-25(R) Grab Water Sample	5512220
MW-29s Grab Water Sample	5512221
Dup-03 Grab Water Sample	5512222
TB-03 Water Sample	5512223

METHODOLOGY

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

ELECTRONIC COPY TO	RMT, Inc.	Attn: Eric Vincke
1 COPY TO	Data Package Group	

Lancaster Laboratories

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

REVISED

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

Respectfully Submitted,

Robert Heisey

Robert Heisey
Senior Specialist

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

Analysis Report

Lancaster Laboratories Sample No. WW5512217 **Group No. 1117396**

MW-19-6 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 08:07 by EV

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

MW196 SDG#: LEC66-07

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.	31	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.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	938	38.8	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	2.9	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	36.4	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	110	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 lead.

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5512217 **Group No. 1117396**

MW-19-6 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 08:07 by EV

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

MW196 SDG#: LEC66-07

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 11:56	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/31/2008 20:20	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/31/2008 08:19	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 09:37	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/30/2008 20:27	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 08:23	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/02/2008 07:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/06/2008 14:51	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/10/2008 20:36	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 16:52	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 22:11	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/08/2008 12:45	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 08:30	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5512218 **Group No. 1117396**

MW-19-5 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 09:20 by EV

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

MW195 SDG#: LEC66-08

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.	46	1	cfu/ml	n.a.
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	164	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.35	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	15.1	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	59	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	68	3.0	ug/l	5
07029	Benzene	71-43-2	N.D.	1.0	ug/l	5
07030	Toluene	108-88-3	450	1.0	ug/l	5
07031	Ethylbenzene	100-41-4	11	1.0	ug/l	5
	The reporting limits were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.					
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 lead.

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

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5512218 **Group No. 1117396**

MW-19-5 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 09:20 by EV

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

MW195 SDG#: LEC66-08

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 12:00	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/31/2008 20:20	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/31/2008 08:19	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 09:37	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/30/2008 20:28	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 08:58	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/02/2008 07:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/06/2008 14:52	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/10/2008 20:49	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 17:05	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 22:47	K. Robert Caulfeild-James	5
00553	Base Neutrals	EPA 625	1	11/08/2008 13:27	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 08:30	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5512219 **Group No. 1117396**

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

Collected:10/29/2008 10:25 by EV

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

MW19- SDG#: LEC66-09

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
00307	Heterotrophic Plate Count	n.a.	120		1	cfu/ml	n.a.
00206	Total Suspended Solids	n.a.	8.0	J	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	662		19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.059		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	0.60		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.14		0.080	mg/l	1
00228	Sulfate	14808-79-8	N.D.		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	4,000		100	ug/l	50
07107	Ethane	74-84-0	17		1.0	ug/l	1
07108	Ethene	74-85-1	2.5	J	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	6,800		120	ug/l	200
07029	Benzene	71-43-2	N.D.		40	ug/l	200
07030	Toluene	108-88-3	43,000		40	ug/l	200
07031	Ethylbenzene	100-41-4	1,400		40	ug/l	200

The reporting limits were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	3	J	1	ug/l	1

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

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5512219 **Group No. 1117396**

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

Collected:10/29/2008 10:25 by EV

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

MW19- SDG#: LEC66-09

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 12:04	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/31/2008 20:20	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/31/2008 08:19	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 09:37	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/30/2008 20:29	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 08:25	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/02/2008 07:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/06/2008 14:53	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/10/2008 22:49	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 17:29	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 17:41	Dustin A Underkoffler	50
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 23:22	K. Robert Caulfeild-James	200
00553	Base Neutrals	EPA 625	1	11/08/2008 14:09	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 08:30	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5512220 **Group No. 1117396**

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

Collected:10/29/2008 11:27 by EV

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

MW25R SDG#: LEC66-10

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.	> 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.						
00206	Total Suspended Solids	n.a.	N.D.		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	243		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	16.0		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	3.5	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	0.3	J	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 lead.

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

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

Analysis Report

Lancaster Laboratories Sample No. WW5512220 **Group No. 1117396**

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

Collected:10/29/2008 11:27 by EV

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

MW25R SDG#: LEC66-10

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 12:08	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/31/2008 20:20	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/31/2008 08:19	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 09:37	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/30/2008 20:30	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 08:26	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/02/2008 07:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/06/2008 14:54	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/10/2008 23:03	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 17:54	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 23:57	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/08/2008 14:51	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 08:30	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5512221 **Group No. 1117396**

MW-29s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 11:52 by EV

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

MW29S SDG#: LEC66-11

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.	52		1	cfu/ml	n.a.
00206	Total Suspended Solids	n.a.	37.2		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	455		9.7	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	7.2		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.35		0.080	mg/l	1
00228	Sulfate	14808-79-8	N.D.		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	4,400		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	0.3	J	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 lead.

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

Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW5512221 **Group No. 1117396**

MW-29s Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 11:52 by EV

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

MW29S SDG#: LEC66-11

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 12:12	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/31/2008 20:20	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/31/2008 08:19	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 09:37	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/30/2008 20:32	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 08:28	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/02/2008 07:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/06/2008 14:56	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/10/2008 23:16	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 18:06	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 18:19	Dustin A Underkoffler	50
08238	BTEX (EPA 602)	EPA 602	1	11/01/2008 00:33	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/08/2008 15:33	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 08:30	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5512222 **Group No. 1117396**

Dup-03 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 by EV

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

DUP3- SDG#: LEC66-12FD

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.
00206	Total Suspended Solids	n.a.	41.6	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	462	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.043 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	7.2	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.34	0.080	mg/l	1
00228	Sulfate	14808-79-8	N.D.	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	4,600	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	0.2 J	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 lead.

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
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Lancaster Laboratories Sample No. WW5512222 **Group No. 1117396**

Dup-03 Grab Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008 by EV

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

DUP3- SDG#: LEC66-12FD

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	11/03/2008 12:15	Eric L Eby	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	10/31/2008 20:20	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	SM20 2540 D	1	10/31/2008 08:19	Susan E Hibner	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 09:37	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	10/30/2008 20:33	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	11/15/2008 08:29	Venia B McFadden	1
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	11/02/2008 07:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	11/06/2008 14:57	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	11/10/2008 23:29	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 18:31	Dustin A Underkoffler	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 18:43	Dustin A Underkoffler	50
08238	BTEX (EPA 602)	EPA 602	1	11/01/2008 01:08	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	11/08/2008 16:15	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	11/01/2008 03:28	James L Mertz	1
08108	625 Water Extraction	EPA 625	1	11/03/2008 09:00	Cynthia J Stoltzfus	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	11/03/2008 08:30	Nancy J Shoop	1

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

Analysis Report

Lancaster Laboratories Sample No. WW5512223 **Group No. 1117396**

TB-03 Water Sample
L.E. Carpenter, NJ

Collected:10/29/2008

Account Number: 09322

Submitted: 10/29/2008 17:30
Reported: 11/24/2008 at 13:57
Discard: 12/25/2008

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

TBLEC SDG#: LEC66-13TB

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

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
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 08/11/94 modified	1	11/06/2008 18:55	Dustin A Underkoffler	1
08238	BTEX (EPA 602)	EPA 602	1	10/31/2008 13:55	K. Robert Caulfeild-James	1

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/24/08 at 01:57 PM

Group Number: 1117396

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: 08304105101A	Sample number(s): 5512217-5512222							
Nitrite Nitrogen	N.D.	0.015	mg/l	93		90-110		
Batch number: 08305020601A	Sample number(s): 5512217-5512222							
Total Suspended Solids	N.D.	3.0	mg/l	89		63-121		
Batch number: 083051848010	Sample number(s): 5512217-5512222							
Lead	N.D.	0.0069	mg/l	101		90-113		
Batch number: 08305A02A	Sample number(s): 5512217-5512223							
Total Xylenes	N.D.	0.6	ug/l	93		82-120		
Benzene	N.D.	0.2	ug/l	98		86-119		
Toluene	N.D.	0.2	ug/l	94		82-119		
Ethylbenzene	N.D.	0.2	ug/l	92		81-119		
Batch number: 08306WAI625	Sample number(s): 5512217-5512222							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	85		74-118		
Batch number: 08307022101A	Sample number(s): 5512217-5512222							
Ammonia Nitrogen	N.D.	0.20	mg/l	96		91-100		
Batch number: 08308021202A	Sample number(s): 5512217-5512222							
Total Dissolved Solids	N.D.	9.7	mg/l	100		80-120		
Batch number: 08308109101A	Sample number(s): 5512217-5512220							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	98		90-110		
Batch number: 08308109101B	Sample number(s): 5512221-5512222							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	98		90-110		
Batch number: 083090003A	Sample number(s): 5512217-5512223							
Methane	N.D.	2.0	ug/l	93		80-120		
Ethane	N.D.	1.0	ug/l	92		80-120		
Ethene	N.D.	1.0	ug/l	92		80-120		
Propane	N.D.	1.0	ug/l	87		73-125		
Batch number: 08315196101B	Sample number(s): 5512217-5512218							
Sulfate	N.D.	0.30	mg/l	108		89-110		
Batch number: 08315196102A	Sample number(s): 5512219-5512222							
Sulfate	N.D.	0.30	mg/l	97		89-110		
Batch number: 08320106101A	Sample number(s): 5512217-5512222							
Nitrate Nitrogen	N.D.	0.040	mg/l	103		90-110		

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/24/08 at 01:57 PM

Group Number: 1117396

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: 08304105101A	Sample number(s): 5512217-5512222 UNSPK: P512226 BKG: P512226								
Nitrite Nitrogen	59*		90-110			0.073	0.065	11 (1)	20
Batch number: 08305020601A	Sample number(s): 5512217-5512222 BKG: P512214								
Total Suspended Solids						351	343	2 (1)	13
Batch number: 083051848010	Sample number(s): 5512217-5512222 UNSPK: P511395 BKG: P511395								
Lead	100	97	75-125	3	20	N.D.	N.D.	0 (1)	20
Batch number: 08305A02A	Sample number(s): 5512217-5512223 UNSPK: P511395								
Total Xylenes	108	110	84-131	1	30				
Benzene	112	117	78-131	4	30				
Toluene	109	109	78-129	0	30				
Ethylbenzene	109	110	75-133	1	30				
Batch number: 08306WAI625	Sample number(s): 5512217-5512222 UNSPK: P511395								
bis(2-Ethylhexyl)phthalate	83	82	73-126	2	30				
Batch number: 08307022101A	Sample number(s): 5512217-5512222 UNSPK: P512226 BKG: P512226								
Ammonia Nitrogen	99	97	64-128	1	8	3.7	3.7	1	2
Batch number: 08308021202A	Sample number(s): 5512217-5512222 UNSPK: P512298 BKG: P512298								
Total Dissolved Solids	-6*	-18*	54-143	5	12	20,600	20,900	2	9
Batch number: 08308109101A	Sample number(s): 5512217-5512220 UNSPK: P512086 BKG: P512086								
Total Phosphorus as P (water)	102		90-110			0.13	0.14	10* (1)	3
Batch number: 08308109101B	Sample number(s): 5512221-5512222 UNSPK: P513510 BKG: P513510								
Total Phosphorus as P (water)	110		90-110			1.5	1.5	2	3
Batch number: 083090003A	Sample number(s): 5512217-5512223 UNSPK: P511395								
Methane	51	-59*	35-157	60*	20				
Ethane	98	100	68-131	2	20				
Ethene	100	103	46-164	3	20				
Propane	97	105	36-149	8	20				
Batch number: 08315196101B	Sample number(s): 5512217-5512218 UNSPK: P511985 BKG: P511985								
Sulfate	112*	111*	90-110	1	20	10.2	9.7	5 (1)	20
Batch number: 08315196102A	Sample number(s): 5512219-5512222 UNSPK: P512226 BKG: P512226								
Sulfate	118*		90-110			53.8	50.4	7	20
Batch number: 08320106101A	Sample number(s): 5512217-5512222 UNSPK: P512226 BKG: P512226								
Nitrate Nitrogen	62*		90-110			N.D.	N.D.	0 (1)	3

Surrogate Quality Control

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 1117396
Reported: 11/24/08 at 01:57 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: BTEX (EPA 602)
Batch number: 08305A02A

	Trifluorotoluene-P
5512217	102
5512218	101
5512219	101
5512220	102
5512221	102
5512222	102
5512223	103
Blank	103
LCS	101
MS	100
MSD	101
Limits:	69-129

Analysis Name: Base Neutrals
Batch number: 08306WAI625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
5512217	77	86	67
5512218	78	90	68
5512219	68	89	68
5512220	77	85	67
5512221	77	85	64
5512222	78	91	71
Blank	81	80	64
LCS	89	89	74
MS	86	92	77
MSD	86	90	76
Limits:	34-132	44-134	43-131

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 083090003A

	Propene
5512217	89
5512218	82
5512219	85
5512220	70
5512221	84
5512222	72
5512223	67
Blank	102
LCS	84
MS	90
MSD	98
Limits:	42-131

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

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

Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 11/24/08 at 01:57 PM

Group Number: 1117396

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 117396 Sample # 5512217-23

COC # 195164

temp 3.4-5.5 C

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

(1)
Client: BMT, Inc Acct. #:
Project Name/#: L.E. Carpenter PWSID #:
Project Manager: N. Clevett P.O.#: 6527.33
Sampler: E. Vincke + S. Middlebrook 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	Time	Matrix			Grab		Containers	BTEX	DEHP	Volatile Hydrocarbon	Total Phos P/NH_3	TDS/TSS/Sulfate	Nitrate Nitrogen	Nitrite Nitrogen	Diss Lead	HPC	Remarks
MW-19-6	10/29/08	0807	X			X		15	3	2	2	2	2	1	1	1	1	All Diss. lead
MW-19-5	10/29/08	0920	X			X		15	3	2	2	2	2	1	1	1	1	samples were
MW-19	10/29/08	1025	X			X		15	3	2	2	2	2	1	1	1	1	field filtered.
MW-25 (R)	10/29/08	1127	X			X		15	3	2	2	2	2	1	1	1	1	
MW-29s	10/29/08	1152	X			X		15	3	2	2	2	2	1	1	1	1	
Dup-03	10/29/08	—	X			X		15	3	2	2	2	2	1	1	1	1	
TB-03	10/29/08	—				X		5	3		2							

(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 #: 616-975-5415 Fax #: 616-975-1098
E-mail address: eric.vincke@mtinc.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	10/29/08	1300	[signature]	10/29/08	13:00
[signature]	10/29/08	17:30			
			[signature]	10/29/08	1730

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: RMT Inc

Date of Receipt: 10/29/08

Time of Receipt: 1730

Source Code: 01

Unpacker Emp. No.: 2308

Shipping Container Sealed: YES NO

Custody Seal Present: YES NO

Custody Seal Intact: YES NO NA

Package: Chilled Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	042905	5.5°C	TB	WI	Y	B	
2	↓	4.0°C	↓	↓	↓	↓	
3	↓	3.7°C	↓	↓	↓	↓	
4	↓	3.4°C	↓	↓	↓	↓	
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:
For samples MW-25(R) 10/29/08 1127 received containers unlabeled with a bag of MW-25(R) labels also in cooler.

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[signature]	10/29/08	1830	Unpacking
[signature]	10/29/08	1938	Place in Storage or Entry
			Entry
			Entry

o.c. KML

Lancaster Laboratories

November 25, 2008

Mr. Eric Vincke
RMT, Inc.
Suite 402
2025 East Beltline Avenue SE
Grand Rapids, MI 49546

Dear Mr. Vincke:

I am writing to inform you of revised analytical reports that are being issued for the following:

Project No. L. E. Carpenter

LLI Sample No.	Client Sample Identification	Collection Date
5512217	MW-19-6 Grab Water Sample	10/29/2008
5512218	MW-19-5 Grab Water Sample	10/29/2008
5512219	MW-19 Grab Water Sample	10/29/2008
5512220	MW-25(R) Grab Water Sample	10/29/2008
5512221	MW-29s Grab Water Sample	10/29/2008
5512222	Dup-03 Grab Water Sample	10/29/2008

The correction to the data affects the nitrite analysis only.

During an additional review of this data, it was determined that the matrix spike recovery originally reported was incorrect.

The revised analytical report reflects this correction and is enclosed.

You are a valued client and we apologize for any inconvenience that this incident may have caused. If you have any questions or require further assistance, please call me at 717-656-2300, Ext. 1512. We appreciate your business and look forward to continuing to serve your laboratory needs.

Sincerely,

Tonya M. Beck

Tonya M. Beck
Senior Chemist/Group Leader
Instrumental Water Quality

TMB/mcs
Enclosures

cc: Barbara Weyandt

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

Shipping Address:
Lancaster Laboratories, Inc.
2425 New Holland Pike
Lancaster, PA 17601

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

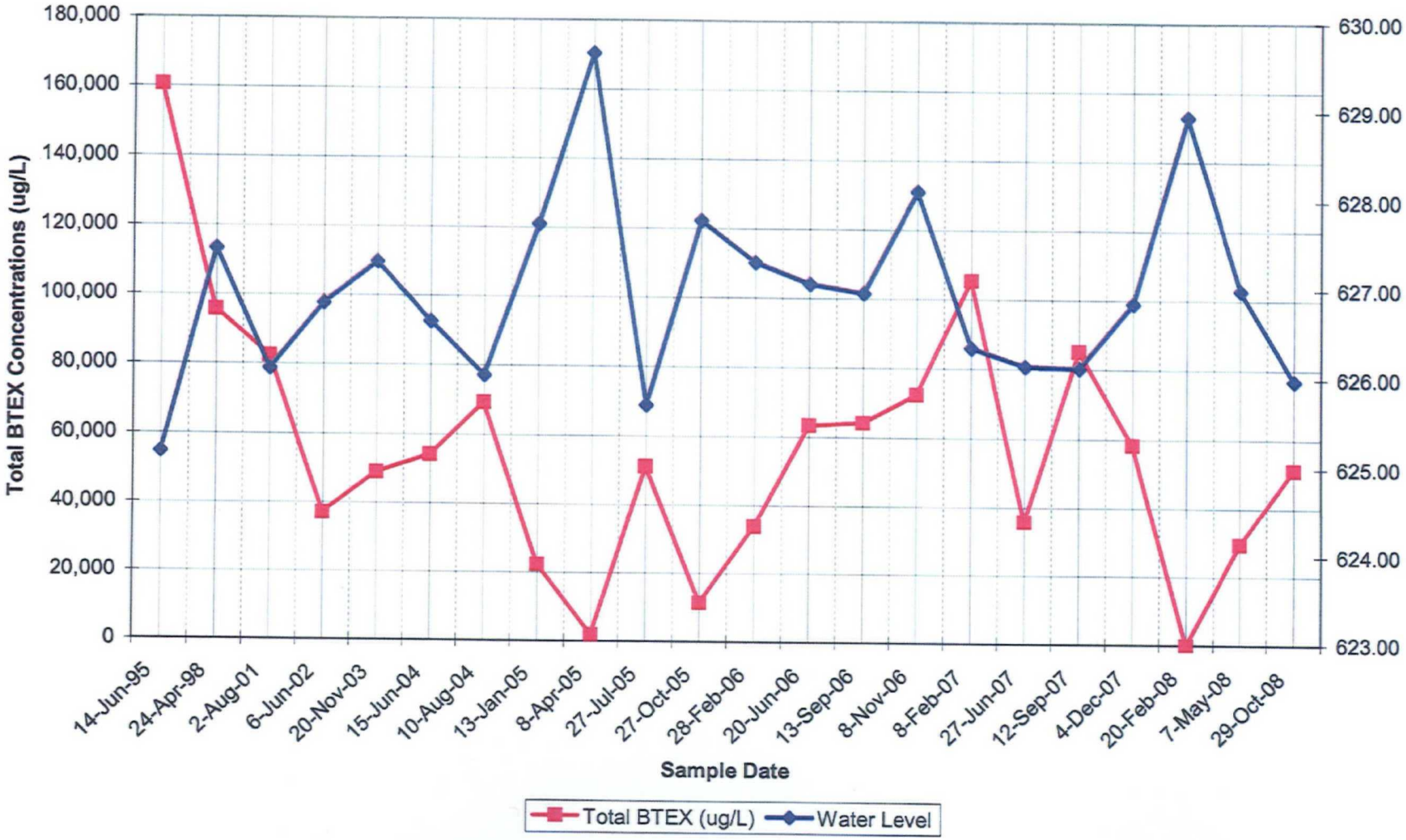
Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

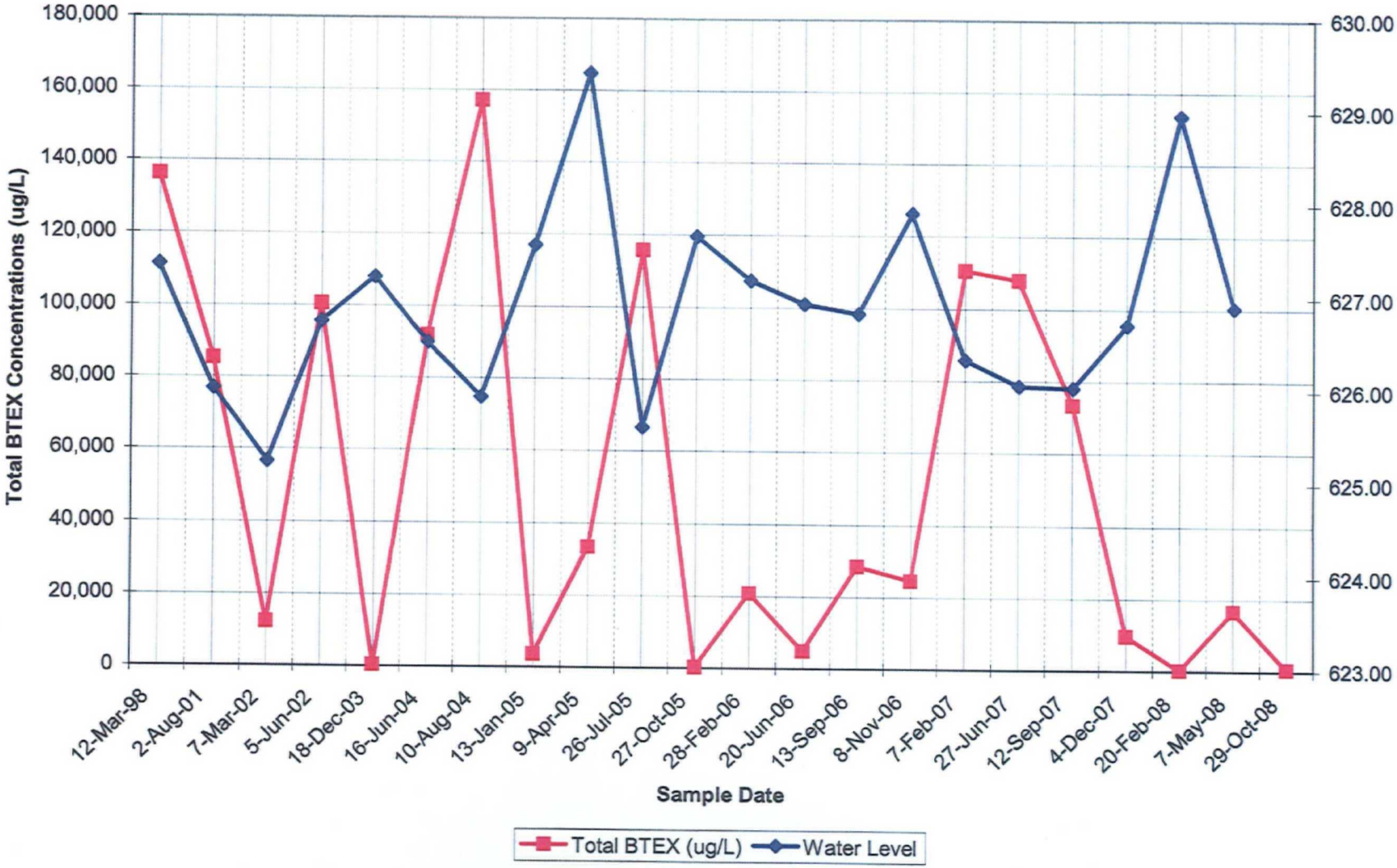
Appendix D
BTEX Concentration Trend Charts

Total BTEX Concentrations vs. Water Levels for MW-19

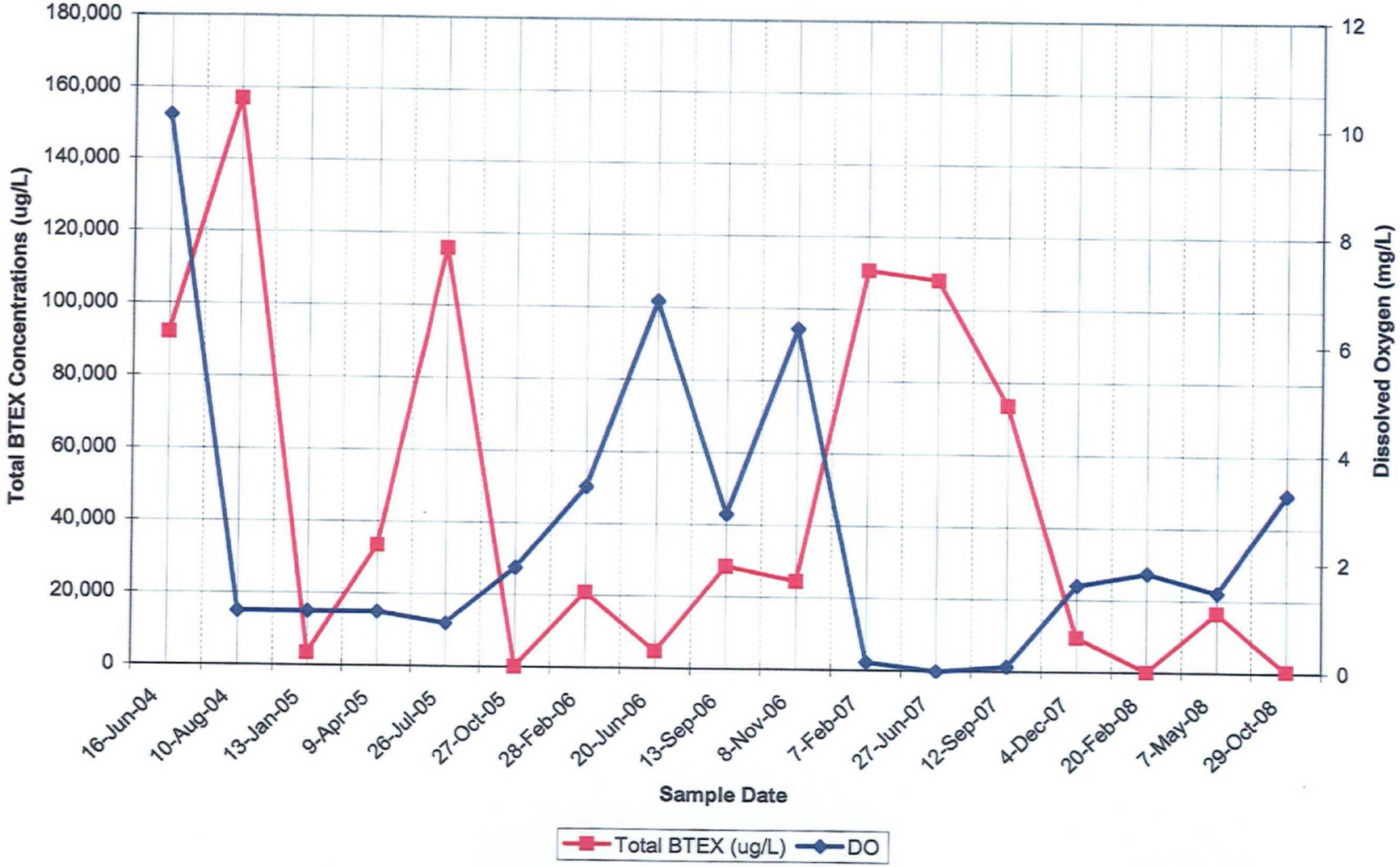


Total BTEX Concentrations vs. Dissolved Oxygen for MW-19

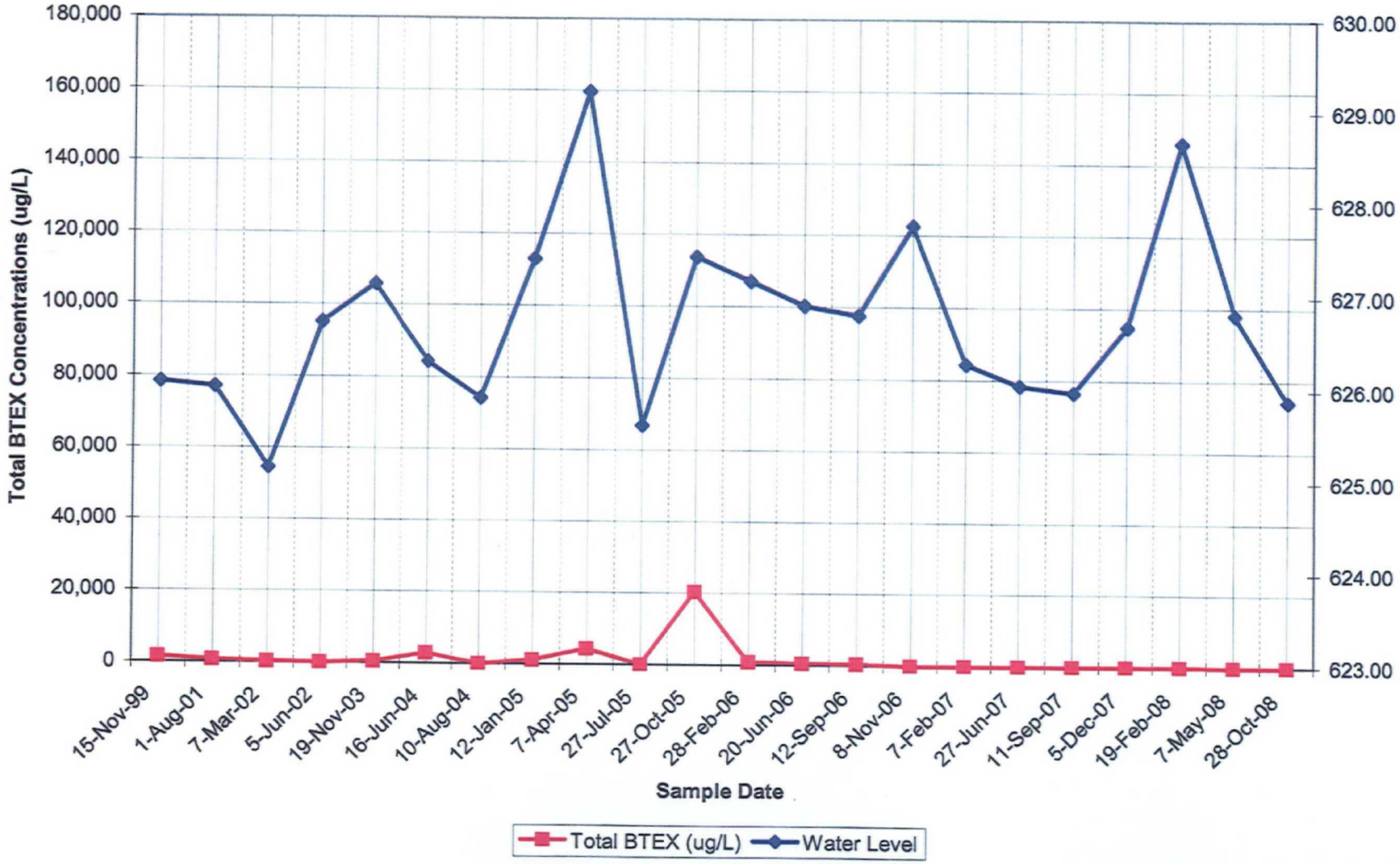
Total BTEX Concentrations vs. Water Levels for MW-19-5



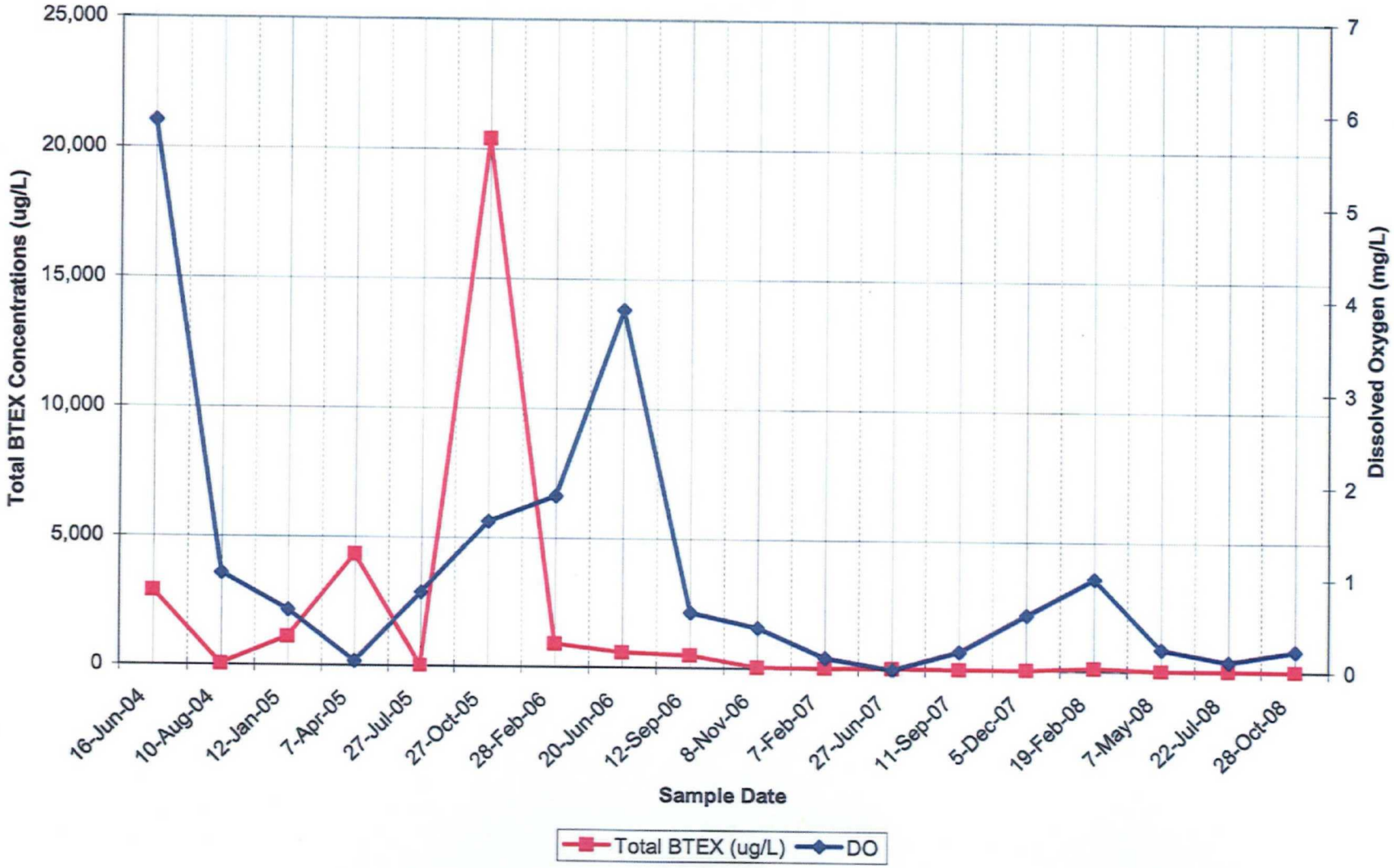
Total BTEX Concentrations vs. Dissolved Oxygen for MW-19-5



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



Total BTEX Concentrations vs. Dissolved Oxygen for MW-19-7



Appendix E
Photographic Summary

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
L. E. Carpenter & Company	Wharton, New Jersey	6527.34

Photo No.	Date
1	10/30/08

Description

Standing at the on-site storage shed looking Southeast across the site. MW-29s is in the background.

Photo No.	Date
2	10/30/08

Description

Standing near MW-29s looking South across the site.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
L. E. Carpenter & Company	Wharton, New Jersey	6527.34

Photo No.	Date
3	10/30/08

Description

Standing near MW-29s looking Southwest across the site. MW-28s and MW-28i are in the background.

Photo No.	Date
4	10/30/08

Description

Standing near MW-29s looking West across the site, along the Rails-To-Trails.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
L. E. Carpenter & Company	Wharton, New Jersey	6527.34

Photo No.	Date
5	10/30/08

Description

Looking Northeast into the Wetland Area. MW-31s and MW-32s are in the background.

Photo No.	Date
6	10/30/08

Description

Standing at the Wetland Area looking East-Northeast across the Wetland Area.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
L. E. Carpenter & Company	Wharton, New Jersey	6527.34

Photo No.	Date
7	10/30/08

Description

Standing in the Wetland Area looking West across the Site along the Rockaway River.

Photo No.	Date
8	10/30/08

Description

The drainage ditch at SW-D-4 looking East towards SW-D-2.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
L. E. Carpenter & Company	Wharton, New Jersey	6527.34

Photo No.	Date
9	10/30/08

Description

Booms placed in wetland just west of SW-R-1.

Photo No.	Date
10	10/30/08

Description

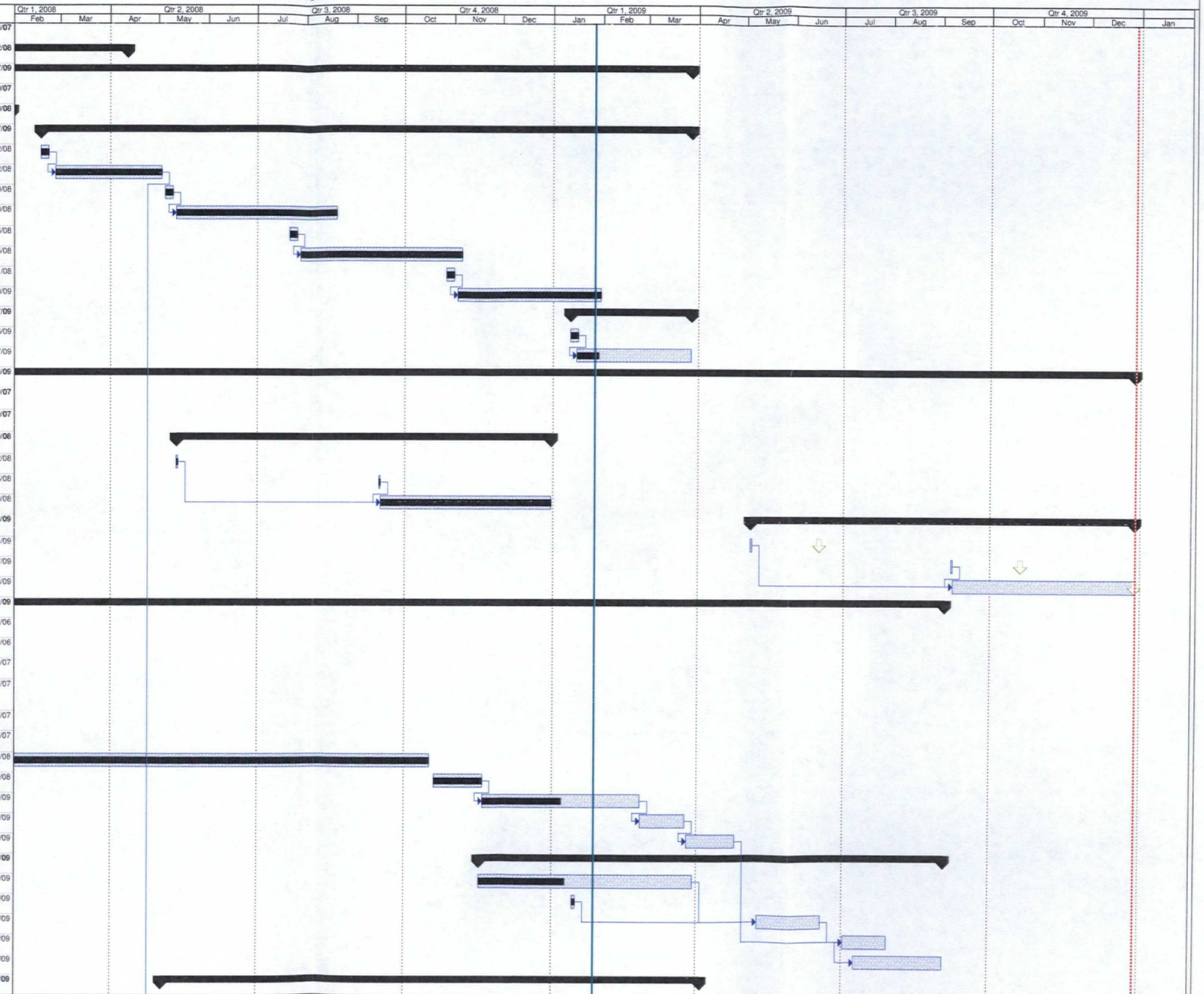
Ditch River Confluence (DRC-2). Looking South-Southeast towards the Rockaway River.

Appendix F
Project Schedule

L. E. Carpenter & Company ~ Wharton NJ
Master Project Schedule

USEPA ID No. NJD002168748
Tue 1/27/09

ID		Task Name	Duration	Start	Finish
1	✓	**SOURCE REDUCTION**	**918 days**	**Fri 4/16/04**	**Wed 10/24/07**
19	✓	**POST REMEDIAL MONITORING PLAN [PRMP] IMPLEMENTATION**	**726 days**	**Fri 7/1/05**	**Sat 4/12/08**
115		**QUARTERLY MONITORING AND REPORTING**	**805 days**	**Mon 2/27/06**	**Fri 3/27/09**
116	✓	**2006 Monitoring and Reporting**	**242 days**	**Mon 2/27/06**	**Tue 1/30/07**
125	✓	**2007 Monitoring and Reporting**	**267 days**	**Tue 1/23/07**	**Wed 1/30/08**
135		**2008 Monitoring and Reporting**	**290 days**	**Mon 2/18/08**	**Fri 3/27/09**
136	✓	Conduct 1Q08 Monitoring Event	5 days	Mon 2/18/08	Fri 2/22/08
137	✓	Prepare and Submit 1Q08 Remedial Action Progress Report	48 days	Wed 2/27/08	Fri 5/2/08
138	✓	Conduct 2Q08 Monitoring Event	5 days	Mon 5/5/08	Fri 5/9/08
139	✓	Prepare and Submit 2Q08 Remedial Action Progress Report [Includes PRMP Implementation]	72 days	Mon 5/12/08	Tue 8/19/08
140	✓	Conduct 3Q08 Monitoring Event	5 days	Mon 7/21/08	Fri 7/25/08
141	✓	Prepare and Submit 3Q08 Remedial Action Progress Report	73 days	Mon 7/28/08	Wed 11/5/08
142	✓	Conduct 4Q08 Monitoring Event	5 days	Mon 10/27/08	Fri 10/31/08
143	✓	Submit 4Q08 Remedial Action Progress Report	65 days	Mon 11/3/08	Fri 1/30/09
144		**2009 Monitoring and Reporting**	**55 days**	**Mon 1/12/09**	**Fri 3/27/09**
145	✓	Conduct 1Q09 Monitoring Event	5 days	Mon 1/12/09	Fri 1/16/09
146		Prepare and Submit 1Q09 Remedial Action Progress Report	51 days	Fri 1/16/09	Fri 3/27/09
147		**WETLAND AREA [WHARTON ENTERPRISES] MONITORING AND REPORTING**	**935 days**	**Tue 5/30/06**	**Mon 12/28/09**
148	✓	**2006 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**225 days**	**Tue 5/30/06**	**Mon 4/9/07**
154	✓	**2007 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**158 days**	**Tue 5/15/07**	**Thu 12/20/07**
159	✓	**2008 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**167 days**	**Mon 5/12/08**	**Tue 12/30/08**
160	✓	Spring 2008 Monitoring & Invasive Species Control Event	1 day	Mon 5/12/08	Mon 5/12/08
161	✓	Fall 2008 Monitoring and Invasive Species Control Event	1 day	Mon 9/15/08	Mon 9/15/08
162	✓	2008 Annual Wetland Monitoring Report Preparation and Submittal	76 days	Tue 9/16/08	Tue 12/30/08
163		**2009 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**171 days**	**Mon 5/4/09**	**Mon 12/28/09**
164		Spring 2009 Monitoring & Invasive Species Control Event	1 day	Mon 5/4/09	Mon 5/4/09
165		Fall 2009 Monitoring and Invasive Species Control Event	1 day	Mon 9/7/09	Mon 9/7/09
166		2009 Annual Wetland Monitoring Report Preparation and Submittal	80 days	Tue 9/8/09	Mon 12/28/09
167		**MW19/HOT SPOT 1 AREA**	**918 days**	**Mon 2/27/06**	**Wed 9/2/09**
168	✓	MW19/Hot Spot 1 Soil Gas Investigation	4 days	Mon 2/27/06	Thu 3/2/06
169	✓	Prepare and submit the MW19/Hot Spot 1 Soil Gas Investigation Report	37 days	Mon 3/20/06	Tue 5/9/06
170	✓	Regulatory review and comment on MW19/Hot Spot 1 Soil Gas Investigation Report	291 days	Wed 5/10/06	Wed 6/20/07
171	✓	Prepare and Submit RMT Response Document [45-Day Extension Request] [MW-19/Hot Spot 1 Soil Gas Investigation Comments/NOD] dated June 20, 2007	19 days	Thu 6/21/07	Tue 7/17/07
172	✓	Regulatory approval of the 45-Day RASR extension	0 days	Fri 7/27/07	Fri 7/27/07
173	✓	Perform Subsurface Investigation, Evaluate Remedial Alternatives, Prepare and Submit the RASR	54 days	Thu 6/21/07	Tue 9/4/07
174	✓	NOD Oct 16, 2008 [NJDEP Review of the RASR]	292 days	Wed 9/5/07	Thu 10/16/08
175	✓	Prepare & Submit RIW [Respond to NOD]	30 edays	Mon 10/20/08	Wed 11/19/08
176		USEPA & NJDEP Discussions & Review of MW19HS1 2008 RIW	70 days	Wed 11/19/08	Tue 2/24/09
177		Prepare and Submit RD/RA Report to USEPA	20 days	Wed 2/25/09	Tue 3/24/09
178		USEPA RD/RA Review & Approval	30 edays	Wed 3/25/09	Fri 4/24/09
179		**MW19HS1 Concurrent Investigation & Remediation**	**208 days**	**Mon 11/17/08**	**Wed 9/2/09**
180		Bldg 9 Demolition Assessment, Abatement & Permitting	133 edays	Mon 11/17/08	Mon 3/30/09
181	✓	Pre-Demolition Surveying	2 days	Wed 1/14/09	Thu 1/15/09
182		Bldg 9 Demolition	40 edays	Fri 5/8/09	Wed 6/17/09
183		Implementation of the MW19HS1 RD/RA	20 days	Thu 7/2/09	Wed 7/29/09
184		Preparation and Submittal of a MW19HS1 RAR	40 days	Thu 7/9/09	Wed 9/2/09
185		**MW-30 SOURCE AREA**	**240 days**	**Fri 5/2/08**	**Fri 4/3/09**



Tue 1/27/09

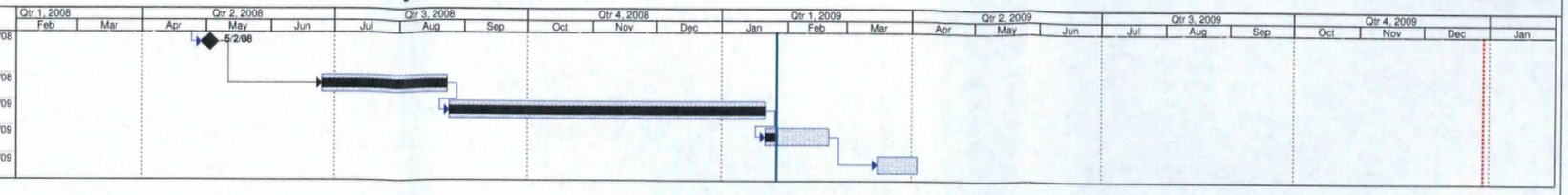
Task | Progress | Summary | Rolled Up Split | Rolled Up Progress | Project Summary | Deadline
Split | Milestone | Rolled Up Task | Rolled Up Milestone | External Tasks | External Milestone

edays: elapsed days or calendar days

L. E. Carpenter & Company ~ Wharton NJ
Master Project Schedule

USEPA ID No. NJD002168748
Tue 1/27/09

ID		Task Name	Duration	Start	Finish
186		Receive NJDEP/USEPA Comment Letter post review of 2Q06 through 1Q08 RAPRs requiring preparation of the Remedial Investigation Workplan (RIW)	0 days	Fri 5/2/08	Fri 5/2/08
187	✓	RIW Preparation	60 edays	Wed 6/25/08	Sun 8/24/08
188	✓	USEPA RIW Review Period	150 edays	Mon 8/25/08	Thu 1/22/09
189		LEC and RMT review of USEPA RIW Comments & Communications with USEPA	30 edays	Thu 1/22/09	Sat 2/21/09
190		Field Implementation of Amended MW-30 RIW	15 days	Mon 3/16/09	Fri 4/3/09



Tue 1/27/09

Task | Progress | Summary | Rolled Up Split | Rolled Up Progress | Project Summary | Deadline
Split | Milestone | Rolled Up Task | Rolled Up Milestone | External Tasks | External Milestone

edays: elapsed days or calendar days