Remedial Action Progress Report (RAPR) for 2nd Quarter 2007

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

USEPA ID No. NJD002168748

July 2007

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Section 1
Introduction

RMT, Inc. (RMT), on behalf of our client, has prepared this Remedial Action Progress Report (RAPR) for the L.E. Carpenter and Company (LEC) ("site") located at 170 North Main Street, Borough of Wharton, Morris County, New Jersey (Figure 1). Quarterly monitoring events and associated progress reports are completed and submitted to New Jersey Department of Environmental Protection (NJDEP) to comply with paragraph 35 of the 1986 Administrative Consent Order (ACO) issued to LEC by the NJDEP. We provide a summary of activities completed during the second quarter of 2007 (2Q07), including but not limited to, (1) the continued quarterly Contaminant of Concern (COC) and Monitored Natural Attenuation (MNA) groundwater monitoring of both the MW19/Hot Spot 1 area and source reduction remedial area, (2) surface water quality assessments of the drainage ditch and Rockaway River, and (3) hydrogeologic and hydrologic assessments of shallow site groundwater and adjacent surface water bodies.

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

RMT conducted the following tasks during the 2Q07:

- Quarterly monitoring of both the MW19/Hot Spot 1 area, the source reduction area, and adjacent surface water bodies (*i.e.*, Rockaway River and drainage ditch) as required under the 1986 ACO, and as proposed in the Post Remedial Monitoring Plan (PRMP) and various regulatory correspondence (Reference Sections 2 and 3, and Figures 3 and 4).

Discussion of these activities is provided in the referenced sections.

Section 2
MW19/Hot Spot 1 Groundwater Monitoring

2.1 Implementation of the Revised Monitored Natural Attenuation Protocol

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

2.2 Sampling Methodology

RMT conducted the 2Q07 groundwater monitoring activities June 25 through June 27, 2007. We performed groundwater monitoring in accordance with the procedures contained in the NJDEP's *Field Sampling Procedures Manual* dated May 1992 (Revised August 2005), and methodologies outlined in our May 2001 MNA work plan. The MNA work plan was approved by NJDEP on January 24, 2002. Locations of the monitoring wells sampled this quarter are shown on Figure 2.

Three sample duplicates, trip blanks, a field (atmosphere) blank, two matrix spike/matrix spike duplicates (MS/MSDs), and three rinsate blanks were collected to satisfy Quality Assurance/Quality Control (QA/QC) requirements outlined in the QAPP. The trip blanks were prepared by the laboratory and remained with the sample containers until the samples were returned to the laboratory where they were analyzed for BTEX. The duplicates were collected from surface water location SW-R-3 (duplicate sample No. Dup-01), monitoring well MW-25R (duplicate sample No. Dup-02), and MW-19-12 (duplicate sample No. Dup-03), and were analyzed for BTEX and di(2-ethylhexyl)phthalate (DEHP). Dup-02 and Dup-03 were also

analyzed for MNA parameters. Rinsate blank RB-02 and RB-03 were collected by circulating distilled water through the cleaned bladder pump assemblies to verify the decontamination procedures were adequate. A third rinsate blank (RB-01) was collected by circulating distilled water through the clean stainless steel scoop cup that was used to collect the surface water samples. Any sampling equipment used at each well was decontaminated prior to each use utilizing an environmental detergent (Alconox) and clean water wash followed by a distilled water rinse. The field (atmosphere) blank was taken by opening a bottle of unpreserved de-ionized water, 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 Environmental Science Corp. (ESC), located in Mt. Juliet, Tennessee for BTEX, DEHP, and MNA parameter analysis per the current MNA groundwater monitoring protocol (State of New Jersey Lab Certification No. TN002).

2.3 Groundwater Elevations and Flow Direction

RMT measured static groundwater levels within 35 groundwater monitoring wells (Figure 2) on June 25, 2007 as part of the sampling activities. In addition, surface water levels were measured at seven separate locations along the Rockaway River and five 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 are summarized on Table 1 and a preliminary site-wide contour map has been prepared (Figure 5). The site-wide contour map is discussed further in Section 3 of this report.

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

Groundwater elevation data obtained for the MW-19 area wells continues to show that MW-19-12 is directly downgradient from the leading edge of residual groundwater contamination (Figures 3 and 4). The 2Q07 groundwater sample laboratory test results for MW-19-12 show no detectable constituents of concern (COCs). In addition, data show that no COCs are detected at levels greater than the New Jersey Groundwater Quality Standards [NJ GWQS] in MW-19-7. These data confirm that the lateral extent of residual groundwater contamination is limited to the LEC site property (see Section 2.4 below and Figure 4).

2.4 Delineation of Groundwater Contamination

2.4.1 Contaminants of Concern (COC)

Table 2 summarizes concentrations of BTEX and DEHP for all of the MW-19/Hot Spot 1 area MNA groundwater monitoring wells. The lateral distribution of total BTEX concentrations in the MW-19/Hot Spot 1 Area is shown on Figure 4. RMT sampled groundwater from these wells on June 26 – 27, 2007. Corresponding field sampling data and analytical laboratory reports are presented in Appendix C and Appendix D, respectively.

The NJ GWQS for DEHP, 3 µg/L, is not exceeded in any of the MW-19 area monitoring wells sampled during the 2Q07 monitoring event, with the exception of MW-19-4 (17 µg/L). However, DEHP has never been detected at MW-19-4 (a "background" well) since sampling began in 1998; therefore the recent 17µg/L detection is suspected to be a lab or field artifact. Toluene, ethylbenzene, and total xylenes exceed the NJGWQS of 1000 µg/L, 700 µg/L and 1000 µg/L, respectively, in groundwater collected from MW-19-5. Groundwater sampled from MW-19 exceeded the NJGWQS for toluene and total xylenes only.

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

During the second quarter of 2006 (2Q06) MW-19-12 was installed between MW-19-7 and MW-19-11 in order to determine if dissolved BTEX constituents existed further northeast towards the residences on Ross Street. As discussed above, data continues to show that MW-19-12 is downgradient of MW-19-7 and no BTEX or DEHP were detected in MW-19-12. As shown on Figure 4, this indicates that existing residual groundwater contamination in the MW-19 area is very limited in extent and poses no risk to residences on the north side of Ross Street.

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

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

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

2.4.2 MNA Parameters and Data Analysis

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

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

The main difference that exists with respect to distribution of contaminants at various sites is related to the distance contaminants migrate before an "equilibrated" zone of degradation occurs. Because the data for MW-19-5 shows increased mass flux of contaminants from vadose to dissolved phase as a function of infiltration and water table fluctuation, and because hydraulic data suggests that MW-19-11 is not directly downgradient from the zone of residual soil contamination, MW-19-12 was installed to assure that the full lateral extent of the plume is known. As shown in the 2Q06 through 2Q07 reports, MW-12 continues to be hydraulically downgradient from the MW-19 Hot Spot residual source area (Figure 3). Consistent with the conclusion that residual soil contamination in the vadose zone is very limited in extent, and that the dissolved-phase groundwater "plume" exists largely under equilibrium conditions, MW-19-12 was again non-detect for BTEX and DEHP in 2Q07.

Note that MW-19-7 did not appear to be directly downgradient during the third quarter of 2004 (3Q04) (August 2004), the 3Q05 (July 2005), the 4Q06 (November 2006), and the 2Q07 events, which are likely the reason that concentrations were non-detect or just slightly elevated above detection for those four events. However, it is also important to note that often when concentrations from the residual source area (currently represented mostly by results from MW-19-5) spike upwards [as in the second quarter of 2002 (2Q02) and 2Q04 events], concentrations also rise but remain relatively low at MW-19-7, which based on the groundwater contours for those events was directly downgradient from MW-19-5. This further supports the idea that the zone of dissolved groundwater contamination that is elevated above NJDEP cleanup criteria and is sourced from infiltration through residual soil contamination in the vadose zone is very limited in extent.

Intrinsic Bioremediation

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

Where NA processes are present, groundwater contamination stops migrating at some finite distance from the source because biodegradation prevents plume expansion once relative equilibrium conditions have been achieved with respect to microbially mediated processes. Based on isoconcentration maps from the past two years and the data in Table 2, it appears that the size and shape of the plume within the MW19/Hot Spot 1 Areas have remained relatively constant. At the upgradient edge of residual soil contamination MW-19 shows 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.

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

The occurrence of biodegradation via methanogenesis is clearly demonstrated by comparing methane concentrations (Table 3) from the background well (MW-19-4) through residual source area wells (MW-19 and MW-19-5), to the wells downgradient of residual source area (MW-19-7 and MW-19-12). Methane is not detected in the background well, but is elevated within or just downgradient from the residual source area, especially during those times of concentration spikes caused by infiltration events and/or water table

fluctuations (note that methane concentrations decrease significantly during those periods of lower concentrations in groundwater within the residual source area). Specifically, methane was detected in MW-19 (0.38 ppm) and in MW-19-5 (0.57 ppm) during the 2Q07 event. As the biodegradation process consumes more of the BTEX, methane levels become higher in the next downgradient well, MW-19-7 (0.53 ppm during the 2Q07 event), while the total BTEX concentrations decrease (from 107.9 ppm in MW-19-5 to 0.023 ppm in MW-19-7 for 2Q07). Proceeding further downgradient to MW-19-12, the methane and total BTEX concentrations drop to non-detectable levels (similar to the background well MW-19-4). These data, together with the trend to much lower total BTEX concentrations in MW-19-7 to non-detect in MW-19-12, indicate that biodegradation of BTEX compounds reaches completion a relatively short distance downgradient from MW-19-7 (between MW-19-7 and MW-19-12).

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

Despite the data that shows a very limited lateral and vertical extent and a lack of exposure routes related to these residual contaminants, NJDEP sent a Notice of Deficiency (NOD), dated June 20, 2007. The NOD states that LEC must prepare and submit a Remedial Action Selection Report (RASR) and an Implementation Schedule. LEC is currently preparing the RSAR and schedule as described below in section 5.3

Section 3
Source Reduction Area Sampling

This 2Q07 event marks the fifth time that new PRMP wells have been sampled. Installation of the remaining five (5) approved PRMP wells planned for the Wharton Enterprises property wetland area continues to be delayed pending NJDEP Land Use Regulation Program (LURP) approval of a GP-14 and Stream Encroachment Modification permit applications submitted to the LURP on August 15, 2006 and March 26, 2007, respectively (refer to Section 5.1 below).

Site-wide groundwater contours are shown on (Figure 6). 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 5). Further downgradient, site groundwater nearest the river flows generally parallel to the river, and eventually becomes influent to the river just downgradient of the source reduction area (in the Wharton Enterprises wetland area). Also, similar to the pre-source reduction flow, some of the site shallow groundwater becomes influent to the ditch surface water; this flow-path is supported by the occasional low detections of COCs in some of the ditch surface water samples (see Section 4 below).

The analytical results from all events are summarized in Tables 2 thru 5. Dissolved groundwater contamination was found in shallow wells MW-28s and MW-30s (Table 2), however, no measurable free product was found in either well. The concentrations of dissolved benzene, ethylbenzene, and xylene are rapidly decreasing over time. In addition, dissolved DEHP is also rapidly decreasing over time, in MW-28s and MW-28i. The trend of DEHP in MW-30s is less clear, but appears to be decreasing overall.

The shallow wells lie within the central (MW-28 cluster) and downgradient (MW-30 cluster) portions of the source reduction area, and both have screens that straddle the base of the slurry floor. At both locations, deeper wells (MW-28i and MW-30i) were installed just below the shallow well (screened to about 5 feet below the bottom of the shallow well screen). Analytical results from MW-28i identified only DEHP and at a concentration just above the detection limit, which is a significant drop in concentration (Table 2). In addition, no COCs were detected in MW-30i. Historically, no contamination has been detected in the deepest well (MW-30d; Table

2), which shows that the vertical extent of dissolved groundwater contamination is limited to a depth of between 5 to 10 feet below the bottom of the slurry floor at that location.

Based on the groundwater flow map for the whole site (Figure 5), the receptor downgradient from the central portion of the source reduction area represented by results from MW-28 is the wetland area, the ditch, and the river. Additional monitoring points are slated for installation in this area once the new wetland (GP-14) and stream encroachment permits have been obtained from the LURP. As reported below, all but one of the river surface water samples were "non-detect" for the COCs.

The receptor downgradient from the MW-30 well cluster is the ditch. The surface water elevation data for the ditch is consistent with its configuration as a U-shaped "linear" pond formed as a result of a beaver dam (Figure 2). All of the ditch surface water samples were "non-detect" for the COCs in 2Q07.

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

Section 4
Surface Water Sampling

4.1 Eastern Drainage Channel

As part of the 2Q07 event, RMT sampled the eastern drainage channel that separates the adjacent Air Products facility from the LEC site and the adjacent Wharton Enterprises property. This sampling was conducted at the request of NJDEP as outlined in their letter dated March 23, 2005. During the second quarter sampling event, five locations (SW-D-1, SW-D-2, SW-D-3, SW-D-4, and SW-D-5) were sampled. Sample SW-D-1 is located at the upstream end (head) of the ditch. Sample SW-D-2 is located just downgradient of the bend around the Air Products facility adjacent to the area where free product seeps were observed before completion of the source reduction. Sample SW-D-3 is located at the downgradient end of the ditch, just west of the connecting channel that feeds into the Rockaway River. Sample SW-D-4 is located just upgradient of the bend around the Air Products facility on the LEC side of the ditch. SW-D-5, added during the 3Q06 event, is located within the channel that connects the ditch to the Rockaway River, and was collected just above the beaver dam. All surface water sample locations are shown on Figure 2. Laboratory testing results for these samples are summarized on Table 5.

All ditch surface water samples were non-detect for BTEX and DEHP.

4.2 Rockaway River

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

Sample SW-R-1 was collected near the river edge adjacent to the location where product sheen had been previously observed (before the source reduction) to be migrating directly into the river. As discussed in earlier reports, the sheen was discovered in 2004 as a visible coloration on top of quiescent water pooled within the wetland area. The surface water sample from SW-R-1 was non-detect for BTEX and DEHP. No product sheen was observed at this location during the 2Q07 event.

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

River sample SW-R-3 was taken upstream of SW-R-2, near the SG-R3 staff gauge. The surface water sample collected in the river at SW-R-3 did not contain any detectible concentrations of BTEX. DEHP was detected at a concentration of 3.0 mg/L in the original sample, however, analytical results for the duplicate sample that was collected at the same location showed no detections for DEHP.

Rockaway River surface water samples SW-R-4 through SW-R-6 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). Similar to the other river samples collected, the "Ditch-River Confluence" sample DRC-2 was non-detect for BTEX and DEHP. Because the DRC-2 location represents the discharge point from the ditch/beaver pond, this sampling point will continue to be tested as part of future monitoring events.

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

Section 5
Additional and Future Project Activities

The following section briefly outlines additional activities completed in 2Q07 and activities anticipated for completion during 3Q07. The 3Q07 monitoring event is tentatively scheduled for the week of September 10, 2007. An updated Project Schedule is presented as Appendix E.

5.1 Post Remedial Monitoring Plan [PRMP] Implementation and Reporting

Discussions were initiated between RMT and both NJDEP and USEPA during the fourth quarter of 2005 (4Q05) regarding the development and installation of the post source reduction site monitoring network in accordance with the submitted PRMP. A formal regulatory review and comment letter regarding the PRMP was received by LEC on February 22, 2006. RMT prepared a response to the February 22, 2006 NJDEP comments in Section 1 of the 1Q06 RAPR dated May 9, 2006. NJDEP approved the 1Q06 RAPR including response to the PRMP comments in their letter dated March 30, 2007.

RMT, on behalf of LEC, began installing the PRMP monitoring well network on June 5, 2006. RMT and LEC submitted the necessary GP-14 permit application to the NJDEP LURP on August 14, 2006 requesting authorization to install the remaining five monitoring wells (*i.e.*, monitoring devices) in the wetland area located east of the site (Wharton Enterprise property). Contrary to our interpretation of the New Jersey wetland regulations, as well as initial phone conversations with the LURP, we were informed that we may have to modify the existing GP-4 permit to authorize the installation of the monitoring wells in the wetland area. RMT argued that the GP-4 permit authorized remediation of a wetland area whereas the GP-14 authorizes installation of "monitoring devices" in a wetland, and as such, the in place GP-14 application should suffice. During further conversations, the LURP verbally agreed that the GP-14 permit application was the appropriate mechanism to authorize the installation of wells in a wetland area, and no modification of the existing GP-4 was required.

In February 2007, we were notified during follow up conversations regarding approval of the GP-14 application that a modification to the existing Stream Encroachment Permit [1439-04-0001.1 FHA040001 SEP] would be required in order to allow the placement of fill material in the 100-year floodplain. This fill material is required because the remaining five monitoring wells must be installed through mounds to facilitate screening the shallow water table with a properly constructed well. Description of the proposed mounded well design was outlined in

the August 2006 GP-14 permit application, yet no SEP modification request was made until February 2007. Though we did not want to submit a second application without knowing the status of the first [GP-14], RMT submitted the requested SEP modification to NJDEP LURP on March 26, 2007 to avoid further delays.

Installation of the remaining five LEC wetland groundwater monitoring wells (MW-31S, 32S, 33S, 34S, and 35S) will be performed following NJDEP LURP approval of the GP-14 wetland permit application and stream encroachment permit modification. A voice message received from NJDEP LURP on April 25, 2007 suggested that the GP-14 permit application was approved in Oct 2006. However, no formal written approval was received by RMT, and no mention of the approval was made by LURP staff during RMT's numerous phone conversations with LURP in 4Q06 and 1Q07 regarding approval status. During a phone call with the LURP in early 2Q07, the LURP conveyed that they did not anticipate GP-14 permit/SEP modification approval until the end of June 2007 [90 business days following receipt of the SEP permit modification on March 26, 2007]. Follow-up conversations with LURP in 2Q07 required minor modifications to GP-14 Figure 3 be made [*i.e.*, visual depiction of the 50-ft transition zone]. A revised Figure 3 was submitted to LURP on July 25, 2007. At present, GP-14 permit/SEP modification approvals have not been provided. RMT will continue to coordinate NJDEP LURP approval to install the 5 monitoring wells preferably before the end of 3Q07. Based on conversations with LURP regarding the status of both permit applications, and recent conversations with NJDEP, RMT has tentatively scheduled the 3Q07 monitoring event and the PRMP wetland well installation projects concurrently beginning on September 4, 2007.

5.2 Regulatory Responses to the 2Q06, 3Q06 and 4Q06 Remedial Action Progress Reports

The 2Q06, 3Q06, and 4Q06 RAPRs were submitted to both NJDEP and USEPA for review on August 24, 2006, November 8, 2006, and February 2, 2007, respectively. During a January 23, 2007 phone conversation, NJDEP indicated that formal regulatory response following review of these 1986 ACO required deliverables would be forwarded to both LEC and RMT by the end of February 2007. As previously mentioned, NJDEP approved the 1Q06 RAPR including response to the PRMP comments in their letter dated March 30, 2007. However, no response has been received to date for the remaining 3 2006 RAPRs.

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

On May 9, 2006 RMT, on behalf of LEC, submitted a soil gas investigation report documenting field implementation and the results of a soil gas investigation conducted in the MW19/Hot Spot 1 area to comply with the October 2005 NJDEP Vapor Intrusion Guidance and revised

NJDEP Field Sampling Procedures Manual (August 2005). 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 a Notice of Deficiency (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 indicated during previous conversations that approval of the 45-day extension should not pose any problems. Assuming approval of the extension is provided, the RASR will be submitted on or before September 4, 2007.

5.4 Response to Comment Approval for the Source Reduction Remedial Project

As we outlined in the final source reduction progress update dated June 30, 2005, the construction phase of this project is now complete. A Remedial Action Report (RAR) documenting all source reduction activities was provided to both NJDEP and USEPA for review on week of November 14, 2005. LEC received an RAR comment letter from the NJDEP, dated June 14, 2006. RMT, on behalf of PolyOne, prepared a response to the RAR comment letter dated August 25, 2006. During a January 23, 2007 phone conversation, NJDEP indicated that formal regulatory response following review of the August 25, 2006 response to comment letter would be forwarded to both LEC and RMT for review by the end of February 2007. RMT received a response via email, on July 13, 2007, requiring LEC to modify the RAR figures to clarify the area that encompasses the LNAPL smear zone excavation and its relationship to the location of the subsurface slurry monolith. RMT submitted the revised figures on July 25, 2007

5.5 Emergency Response Activities

Emergency response activities have been terminated, because the completed source reduction activities appear to have prevented further migration of sheen into the river. RMT visually inspected these areas again during the 2Q07 sampling event (at the same time adjacent surface water samples were collected) and did not observe sheen flowing away from the source reduction area.

5.6 Wetland Monitoring, Invasive Species Control, and Reporting

Spring and fall 2006 wetland monitoring and invasive species control events were conducted by a certified wetland expert [JFNew] in the Wharton Enterprise wetland area and associated transition zones to comply with the NJDEP Land Use Regulation Program (LURP) GP-4 Permit [File No. 1439-04-0001.1 (FWW 040001)]. Results and recommendations generated from the 2006 events were presented in the report entitled *2006 Compensatory Mitigation Monitoring Report*

[JFNew, Jan 10, 2007]. LURP Comments regarding this report were received by LEC on February 5, 2007. RMT, on behalf of LEC responded to LURP comments in a letter dated April 9, 2007. The spring 2007 monitoring and invasive species control events were conducted on May 15, 2007 and June 28, 2007 respectively. The fall 2007 events are tentatively scheduled for August 2007 respectively. Wetland restoration activities will be performed during an appropriate time of year following the wetland PRMP well installations.

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	WATER DEPTH	WATER ELEVATION
GEI-2I	Piezometer	754573.99	470499.76	635.32	637.75	637.60	5-Feb-07	10.81	626.79
GEI-2S	Piezometer	754566	470506.18	634.86	637.27	637.07	5-Feb-07	10.75	626.32
GEI-3I	Piezometer	754311.79	470453.7	636.96	639.39	639.25	5-Feb-07	13.00	626.25
MW-8	Monitoring Well	754099.29	471251.06	627.39	629.96	628.19	5-Feb-07	3.00	625.19
MW-9	Monitoring Well	754075.94	471111.03	628.61	631.09	629.58	5-Feb-07	3.91	625.67
MW-12S(R)	Monitoring Well	754055.97	471042.34	631.57	634.26	633.73	5-Feb-07	NM	NM
MW-13S	Monitoring Well	754353.97	471370.04	627.74	630.80	630.63	5-Feb-07	5.75	624.88
MW-13S(R)	Monitoring Well	754333.07	471365.71	627.66	630.36	629.99	5-Feb-07	5.00	624.99
MW-13I	Monitoring Well	754337.8	471360.31	627.76	630.28	630.06	5-Feb-07	4.95	625.11
MW-15S	Monitoring Well	754326.58	470891.83	634.23	636.43	636.17	5-Feb-07	10.62	625.55
MW-15I	Monitoring Well	754325.8	470901.47	634.14	636.28	636.06	5-Feb-07	10.50	625.56
MW-17	Monitoring Well	754109.68	470759.85	632.35	634.32	634.19	5-Feb-07	8.51	625.68
MW-18S	Monitoring Well	754677.95	471117.26	627.62	630.88	630.66	5-Feb-07	DRY	NA
MW-18I	Monitoring Well	754675.11	471106.07	627.75	630.59	630.44	5-Feb-07	4.85	625.59
MW-19	Monitoring Well	754537.15	470454.45	636.22	636.23	635.90	5-Feb-07	9.56	626.34
MW-19-1	Monitoring Well	754534.52	470427.63	635.93	635.96	635.64	5-Feb-07	9.23	626.41
MW-19-2	Monitoring Well	754551.81	470429.56	636.46	636.50	636.30	5-Feb-07	9.90	626.40
MW-19-3	Monitoring Well	754539.4	470394.2	636.97	637.06	636.70	5-Feb-07	10.23	626.47
MW-19-4	Monitoring Well	754505.39	470432.08	635.69	635.76	635.43	5-Feb-07	8.97	626.46
MW-19-5	Monitoring Well	754565.53	470470.75	635.93	635.93	635.56	5-Feb-07	9.22	626.34
MW-19-6	Monitoring Well	754578.87	470443.1	636.17	636.16	635.82	5-Feb-07	9.49	626.33
MW-19-7	Monitoring Well	754595.66	470501.7	635.31	635.36	635.00	5-Feb-07	8.72	626.28
MW-19-8	Monitoring Well	754617.42	470493.65	635.82	635.82	635.36	5-Feb-07	9.11	626.25
MW-19-9D	Monitoring Well	754590	470442	636.39	636.41	636.10	5-Feb-07	9.15	626.95
MW-19-10	Monitoring Well	754625.75	470590.81	634.72	634.81	634.43	5-Feb-07	NM	NM
MW-19-11	Monitoring Well	754617.45	470546.95	634.22	634.26	633.67	5-Feb-07	7.54	626.13
MW-19-12	Monitoring Well	754627.53	470529.72	634.93	634.93	634.46	5-Feb-07	8.44	626.02
MW-21 (3)	Monitoring Well	754240.97	471645.78	624.57	628.49	628.20	5-Feb-07	3.42	624.78
MW-25(R) (3)	Monitoring Well	754201.83	471518.21	624.65	626.77	626.62	5-Feb-07	2.67	623.95
MW-27s	Monitoring Well	754253.78	470672.69	635.82	635.78	635.07	5-Feb-07	9.18	625.89
MW-28S	Monitoring Well	754243.26	471034.34	628.20	631.28	631.14	5-Feb-07	6.02	625.12
MW-28I	Monitoring Well	754242.87	471031.19	628.25	631.20	631.04	5-Feb-07	5.91	625.13
MW-29S	Monitoring Well	754411.14	471187.85	629.94	632.83	632.66	5-Feb-07	7.68	624.98
MW-30S	Monitoring Well	754281.65	471265.21	625.08	628.18	627.99	5-Feb-07	NM	NM
MW-30I	Monitoring Well	754286.42	471263.15	625.14	628.15	628.00	5-May-07	NM	NM
MW-30D	Monitoring Well	754290.05	471261.2	625.20	628.22	628.04	5-Feb-07	NM	NM
SG-D1 (1)	Drainage Channel Staff Gauge	754428.57	471240.37	625.81	-	-	6-Feb-07	NM	NM
SG-D2 (1)	Drainage Channel Staff Gauge	754285.43	471361.24	626.26	-	-	6-Feb-07	NM	NM
SG-D3 (1)	Drainage Channel Staff Gauge	754381.47	471548.31	625.83	-	-	6-Feb-07	NM	NM
SG-R2 (3)	Rockaway River Monitoring Point	754056.10	470946.46	629.41	-	-	6-Feb-07	2.76	626.65
SW-R-1 (4)	Rockaway River Monitoring Point	754125.56	471523.00	625.87	-	-	6-Feb-07	2.46	623.41
SW-R-2 (4)	Rockaway River Monitoring Point	754112.82	471426.51	626.54	-	-	6-Feb-07	2.75	623.79
SW-R-3 (4)	Rockaway River Monitoring Point	754149.30	471368.76	626.25	-	-	6-Feb-07	1.86	624.39
SW-R-4 (4)	Rockaway River Monitoring Point	754088.00	471279.58	627.57	-	-	6-Feb-07	2.52	625.05
SW-R-5 (4)	Rockaway River Monitoring Point	754314.04	470408.85	640.66	-	-	6-Feb-07	1.80	638.86
SW-R-6 (4)	Rockaway River Monitoring Point	754071.52	470697.75	631.68	-	-	6-Feb-07	3.54	628.14
DRC-1	Rockaway River/Ditch Channel Staff Gauge	754098.03	471705.75	624.07	-	-	6-Feb-07	NM	NM
SW-D-1 (5)	Drainage Channel Staff Gauge	754428.36	471240.17	625.75	-	-	6-Feb-07	1.90	623.85

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

Quarterly Groundwater Elevations

WELL LOCATION	MONITORING DEVICE TYPE	PROFESSIONAL SURVEY INFORMATION (2)					QUARTERLY MEASUREMENT INFORMATION		
		BASELINE LOCATION (FT) NJ State Plane Coordinates		ELEVATION (FT. MSL)					
		(Y) North	(X) East	GROUND (6)	OUTER CASING	INNER WELL CASING	MEAS. DATE	WATER DEPTH	WATER ELEVATION
SW-D-2 (5)	Drainage Channel Staff Gauge	754285.35	471361.22	626.07	-	-	6-Feb-07	2.11	623.96
SW-D-3 (5)	Drainage Channel Staff Gauge	754381.23	471548.18	625.70	-	-	6-Feb-07	2.00	623.70
SW-D-4	Drainage Channel Monitoring Point	754297.19	471292.08		624.93		6-Feb-07	1.21	623.72

FOOTNOTES

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

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

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

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

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

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

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

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		1,000		3	
MW19												
Dilution factor for BTEX 2000	24-Feb-95	1	<	660		1,700		110,000		10,000		NR
Dilution factor for BTEX 100	14-Jun-95	2		150		3,400		140,000		17,000		NS
Dilution factor 5000 for BTEX & 2 for DEHP; MDL for Benzene 1000 ug/l	24-Apr-98	2	<	1,000		2,850		76,700		14,900		6.6
Dilution factor for BTEX 500	2-Aug-01	3	<	95		3,000		62,000		17,000		2.9
Dilution factor for BTEX 1000	6-Jun-02	2	<	200		1,000		30,000		6,000		5.6
Dilution factor for BTEX 100, Toluene 200	20-Nov-03	4	<	20		1,500		40,000		7,400	J	6.0
	15-Jun-04	2	<	100		1,400		46,000		6,600	J	4.0
Dilution factor for BTEX 100, Toluene 500	10-Aug-04	3	<	20		2,100		56,000		11,000	J	2.0
Dilution factor for BTEX 50	13-Jan-05	1	<	10		750		18,000		3,600	<	1.0
Lower Grab Water Sample; Dilution factor for BTEX 5	8-Apr-05	2	<	1		97		1,300		530	J	3.0
Upper Grab Water Sample; Dilution factor for Toluene 5	8-Apr-05	2	<	0.2		86		410		430	J	3.0
Dilution factor for BTEX 200	27-Jul-05	3	<	40		1,100		44,000		6,000	J	2.0
Dilution factor for BTEX 100	27-Oct-05	4	<	20		200		10,000		1,200	J	5.0
Dilution factor for BTEX 250	28-Feb-06	1	<	50		880		28,000		4,900	J	3.0
Dilution factor for BTEX 200	20-Jun-06	2	<	40		1,600		53,000		8,700	J	3.0
Dilution factor for BTEX 200	13-Sep-06	3	<	40		2,100		51,000		11,000	J	3.0
Dilution factor for BTEX 200	8-Nov-06	4	<	40		2,200		59,000		11,000	J	2.0
Dilution factor for BTEX 500	8-Feb-07	1	<	500		1,900		93,000		9,800	<	1.0
MW19-1												
Dilution factor for BTEX 200	12-Mar-98	1	<	40		219		4,270		1,160		190
	2-Aug-01	3	<	0.2		1.2	<	0.2	<	0.2		85
	5-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2		0.6
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	15-Jun-04	2	<	0.2	<	0.2		1.7	<	0.6		11
	10-Aug-04	3	<	0.2	<	0.2	J	0.6	<	0.6	<	1
	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	J	4
Lower Grab Water Sample	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Upper Grab Water Sample	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	26-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	J	2
MW19-2												
Dilution factor for BTEX 250	12-Mar-98	1	<	50.0		1,130		9,830		6,010		8.8
Dilution factor for BTEX 2	1-Aug-01	3	<	0.4		21		160		82		16
	5-Jun-02	2	<	0.22		19		36		39	<	0.4
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	15-Jun-04	2	<	0.2		1.2		29		4.8	<	1
	10-Aug-04	3	<	0.2		28		150		100	J	1
	12-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	J	3
Lower Grab Water Sample	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Upper Grab Water Sample	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Jul-05	3	<	0.2		6.2		40		20	<	1
	26-Oct-05	4	<	0.2	J	1		2.7		3.3	<	1
	26-Oct-05	4 duplicate	<	0.2	J	0.8		2.5		3	<	1
MW19-3												
	12-Mar-98	1	<	0.2	<	0.14	<	0.14	<	0.5	<	1.2
	2-Aug-01	3	<	0.2	<	0.2	<	0.2	<	0.2	<	0.5
	5-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2	<	0.5
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9

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MONITORING WELLS	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
			ANALYTICAL PARAMETERS									
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		1,000		3	
MW19-4												
	12-Mar-98	1	<	0.2	<	0.14	<	0.14	<	0.5	<	1.3
	2-Aug-01	3	<	0.2	<	0.2	<	0.2	<	0.2	<	0.5
	6-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2	<	0.5
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	28-Feb-06	1	<	0.2	<	0.2		2.2	<	0.6	<	1
	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	12-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	12-Sep-06	3 duplicate	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	7-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	7-Feb-07	1	<	1.0	<	1.0	<	5.0	<	3.0	<	1
MW19-5												
Dilution factor for BTEX 5000	12-Mar-98	1	<	**1,000**		**1,920**		**123,000**		**10,100**		**42**
Dilution factor for BTEX 1000	2-Aug-01	3	<	**190**		**870**		**79,000**		**5,200**		**3.2**
Dilution factor for BTEX 500	7-Mar-02	1	<	**140**		300		**10,000**		**1,700**		1.3
Dilution factor for BTEX 5000, for DEHP 20	5-Jun-02	2	<	**1,100**		**1,100**		**92,000**		**6,300**	<	**9.8**
Dilution factor for BTEX 5000, for DEHP 20	5-Jun-02	2 duplicate	<	**1,100**		**1,300**		**92,000**		**6,900**	<	**9.4**
	19-Nov-03	4	<	0.2	<	0.2		4.3	J	0.9	<	0.9
	18-Dec-03	4 resample	<	0.2		3.7		240		24	<	0.9
	16-Jun-04	2	<	**100**		**1,400**		**83,000**		**7,400**	J	1
	10-Aug-04	3	<	**200**		**2,800**		**140,000**		**14,000**	J	1
Dilution factor for BTEX 10	13-Jan-05	1	<	**2**		64		**3,100**		340	<	1
Dilution factot for BTEX 200, Lower Grab Water Sample	9-Apr-05	2	<	**40**		**1,000**		**27,000**		**5,300**	J	1
Upper Grab Water Sample	9-Apr-05	2	<	0.2	J	0.4		9.5	J	2.3	<	1
Dilution factor for BTEX 500	26-Jul-05	3	<	**100**		**2,600**		**100,000**		**13,000**	<	0.9
	27-Oct-05	4	<	0.2		6.8		140		37	<	1
Dilution factor for BTEX 100	28-Feb-06	1	<	**20**		290		**19,000**		**1,500**	<	1
Dilution factor for BTEX 20	20-Jun-06	2	<	**4**		130		**4,000**		730	<	1
Dilution factor for BTEX 100	13-Sep-06	3	<	**20**		550		**25,000**		**2,800**	<	1.0
Dilution factor for BTEX 100	8-Nov-06	4	<	**20**		410		**22,000**		**2,000**		**9.0**
Dilution factor for BTEX 500	8-Feb-07	1	<	**500**		**2,100**		**98,000**		**10,000**	<	1.0
MW19-6												
Dilution factor for BTEX 200	15-Nov-99	4	<	**62**		94		**3,400**		500		**32**
Dilution factor for BTEX 2	1-Aug-01	3	<	0.4		14		390		47		**28**
	5-Jun-02	2	<	0.22		1.7		13		4.1		2.3
	18-Nov-03	4	<	0.2	<	0.2	J	0.3	<	0.6	J	**6**
	17-Jun-04	2	<	0.2	J	0.4		1.1		1.2	J	**3**
	10-Aug-04	3	<	0.2		4.6		38		18	J	**4**
	13-Jan-05	1	<	0.2		4		36		14	J	1
Lower Grab Water Sample	9-Apr-05	2	<	0.2		16		160		64	<	1
Upper Grab Water Sample	9-Apr-05	2	<	0.2		11		74		37	<	1
	26-Jul-05	3	<	0.2		3.6		27		14	J	2
	27-Oct-05	4	<	0.2		5.4		110		25	<	0.9
	28-Feb-06	1	<	0.2		5.8		65		23	<	1
	20-Jun-06	2	<	0.2		1.7		3.2		5.0	<	1
	20-Jun-06	2 duplicate	<	0.2		1.7		3.2		4.9	<	1
	12-Sep-06	3	<	0.2	J	0.3		1.0	J	0.9	<	1
	7-Nov-06	4	<	0.2	J	0.3	<	0.2	J	0.6	<	0.9
	7-Feb-07	1	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0

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	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		1,000		3	
MW19-7												
Dilution factor for BTEX 50	15-Nov-99	4	<	**16**		100		51		**1,400**	<	**4.1**
Dilution factor for BTEX 2	1-Aug-01	3		**6.7**		6.6		13		680	<	0.4
Dilution factor for BTEX 5	7-Mar-02	1		**3**	<	1.3	<	1.3		250		1.6
	5-Jun-02	2		0.48		1.6		27		27	<	0.4
	19-Nov-03	4		**4.7**	J	0.4	J	0.3		460	J	1
	16-Jun-04	2	J	**2.8**		130		**2,100**		630	<	1
	16-Jun-04	2 duplicate	J	**4**		130		**2,100**		610	<	1
	10-Aug-04	3		**2**		1.6		1.3		20	<	1
Dilution factor for BTEX 2	12-Jan-05	1		**6.1**		90		240		760	<	1
	12-Jan-05	1 duplicate		**2.9**		45		120		380	<	1
Lower Grab Water Sample; Dilution factor for BTEX 25	7-Apr-05	2	J	**9.5**		210		**2,700**		**1,400**	<	1
Upper Water Grab Sample; Dilution factor for BTEX 10	7-Apr-05	2	J	**13**		370		**5,600**		**2,300**	<	1
Lower Grab Water Sample	27-Jul-05	3		**2.2**	<	0.2	J	0.2	J	1.7	<	0.9
Upper Grad Water Sample	27-Jul-05	3		**1.5**	<	0.2	J	0.5	J	2.4	<	1
Dilution factor for BTEX 200	27-Oct-05	4	J	**62**		**710**		**16,000**		**3,600**	<	1
Dilution factor for Total Xylenes 5	28-Feb-06	1		**7.5**		4.9	J	0.3		870	<	1
Dilution factor for Total Xylenes 5	28-Feb-06	1 duplicate		**7.5**		5.0	J	0.3		840	<	0.9
	20-Jun-06	2		**6.5**		19.0	J	0.6		550	<	1.0
Dilution factor for Total Xylenes 5	12-Sep-06	3		**4.9**		33.0	J	0.3		440	<	1.0
	8-Nov-06	4		**2.6**	<	0.2	<	0.2		26	<	0.9
	7-Feb-07	1		**2.6**	<	1.0	<	5.0	<	3.0	<	1.0
	7-Feb-07	1 duplicate		**2.6**	<	1.0	<	5.0	<	3.0	<	1.0
MW19-8												
Dilution factor for BTEX 50	15-Nov-99	4	<	0.31	<	0.38	<	0.34	<	0.4	<	**4.1**
Dilution factor for BTEX 2	1-Aug-01	3		0.5	<	0.2	<	0.2	<	0.2	<	0.4
	5-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2	<	0.4
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	17-Jun-04	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	11-Aug-04	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	12-Jan-05	1	<	0.2	J	0.3	<	0.2	<	0.6	<	1
	11-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
MW19-9D												
Dilution factor for BTEX 2	1-Aug-01	3	<	0.2	<	0.2	<	0.2	<	0.2		0.5
	5-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2		1.9
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	16-Jun-04	2	<	0.2	<	0.2	<	0.2	<	0.6	J	2
	10-Aug-04	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	11-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
MW19-10												
	17-Jun-04	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	11-Aug-04	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	11-Aug-04	3 duplicate	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Lower Grab Water Sample	9-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Upper Grab Water Sample	9-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1

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

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		1,000		3	
MW19-11												
	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Lower Grab Water Sample	7-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Upper Grab Water Sample	7-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	J	1
MW19-12	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	12-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	7-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	7-Nov-06	4 duplicate	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
GEI-2I												
	24-Feb-95	1	<	0.3	<	0.3		0.4	<	0.1		**27**
	6-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2		1.4
GEI-2S												
	24-Feb-95	1	<	**8.2**		46		**1,500**		380		**7.6**
	25-Mar-98	1		NS		NS		NS		NS	B	2.5
	6-Jun-02	2		**1.2**		2.6		16		5.1		2.4
	18-Dec-03	4	<	0.2	<	0.2	J	0.4	<	0.6	<	1
MW-25R												
	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	21-Jun-06	2 duplicate	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	13-Sep-06	3	<	0.2	<	0.2	J	0.5	<	0.6	J	1
	7-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	8-Feb-07	1	<	1.0	<	1.0	<	5.0	<	3.0	<	1
MW-27s												
	22-Jun-06	2	J	0.6		3.7		3.9		14.0	J	3
	11-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	J	2
	7-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	7-Feb-07	1	<	1.0	<	1.0	<	5.0	<	3.0	<	1
MW-28s												
Dilution factor for BTEX 5	21-Jun-06	2	J	**1.6**		560	<	1.0		**1,400**		**100**
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3	J	0.2		210	<	0.2		450		**570**
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3 duplicate	J	0.3		220	<	0.2		470		**550**
Dilution factor for DEHP 10	7-Nov-06	4	<	0.2		92	<	0.2		180		**250**
Dilution factor for DEHP is 20	7-Feb-07	1	<	1.0		70	<	5.0		150		**260**
Dilution factor for DEHP is 20	7-Feb-07	1 duplicate	<	1.0		58	<	5.0		130		**250**
MW-28i												
Dilution factor for BTEX 5	22-Jun-06	2	<	1.0		480	<	1.0		**1,300**		**270**
Dilution factor for Xylene and DEHP is 5	13-Sep-06	3	<	0.2		72	J	0.6		520		**180**
	7-Nov-06	4	<	0.2		10	<	0.2		14		**90**
Dilution factor for DEHP is 10	7-Feb-07	1	<	1.0	<	1.0	<	5.0	<	3.0		**76**
MW-29s												
	22-Jun-06	2	<	0.2	J	0.2	<	0.2	J	0.6	J	1
	14-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	9-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6		**31**
	7-Feb-07	1	<	1.0	<	1.0	<	5.0	<	3.0	<	1

TABLE 2

THROUGH 2nd QUARTER 2007

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

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		1,000		3	
MW-30s												
	21-Jun-06	2	<	1.0		**1,200.0**	J	1.3		**3,900.0**		**740**
Dilution factor for BTEX 20, DEHP is 500	13-Sep-06	3	<	**4.0**		**1,200.0**		46.0		**5,100.0**		**19,000**
Dilution factor for BTEX 5, DEHP is 100	9-Nov-06	4	<	1.0		540.0	<	1.0		**2,600.0**		**2,500**
	7-Feb-07	1		NS - frozen		NS - frozen		NS - frozen		NS - frozen		NS - frozen
MW-30i												
	21-Jun-06	2	J	0.3		38.0		1.4		170.0	J	2
	13-Sep-06	3	<	0.2		1.5	<	0.2		4.9		**19**
	8-Nov-06	4	<	0.2	J	0.2	<	0.2	<	0.6	J	1
	8-Nov-06	4 duplicate	<	0.2	J	0.2	<	0.2	<	0.6	<	1
	7-Feb-07	1		NS - frozen		NS - frozen		NS - frozen		NS - frozen		NS - frozen
MW-30d												
	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	J	3
	14-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	J	**9.0**
	8-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	7-Feb-07	1		NS - frozen		NS - frozen		NS - frozen		NS - frozen		NS - frozen
Atmospheric Blank	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	28-Feb-06	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	20-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	12-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	7-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	8-Feb-07	1	<	1.0	<	1.0	J	1.9	<	3.0	<	1
Rinsate Blank	14-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	9-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	28-Feb-06	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	22-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	13-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	14-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	9-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	9-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	8-Feb-07	1	<	1.0	<	1.0	<	5.0	<	3.0	<	1
	8-Feb-07	1	<	1.0	<	1.0	<	5.0	<	3.0	<	1
Trip Blank	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6		NA
	9-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6		NA
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6		NA
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6		NA
	28-Feb-06	1	<	0.2	<	0.2	<	0.2	<	0.6		NA
	20-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6		NA
	12-Sep-06	3	<	0.2	J	0.2	<	0.2	<	0.6		NA
	13-Sep-06	3	<	0.2	<	0.2	<	0.2	<	0.6		NA
	6-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6		NA
	7-Nov-06	4	<	0.2	<	0.2	<	0.2	<	0.6		NA
	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

LEGEND

ug/L = micrograms per liter

NOTES

(1) Low flow sampling initiated 1st quarter 2002

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

MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l
SOLUBILITY LIMIT			1,700,000	152,000	515,000	175,000	
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1	700	1,000	1,000	3

NJGWQS = New Jersey Groundwater Quality Standards

ROD: Record of Decision

NA = Not Applicable

NS = Not Sampled

ND: No Detection

duplicate = Duplicate sample

Concentration exceeds NJGWQS 1.2

B: Analyte also detected in blank

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

(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 2nd Quarter 2007

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

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
	UNITS	cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS		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	14.8	455	3.2	ND	ND	30.4	2.0 J	NS
	3Q05	3	67.2	**1070**	0.04	1.3	ND	6	33	NS
	4Q05	120	23.2	**620**	0.56	0.88	ND	37.4	19	NS
	1Q06	25	35.6	**559**	ND	ND	ND	3.3 J	140	NS
	2Q06	56	44.4	460	ND	0.43 J	ND	3.2 J	95	ND
Dilution factor for Methane 5	3Q06	60	12.8	435	ND	0.43 J	ND	5.3	310	ND
Dilution factor for Methane 100	4Q06	20	16	411	ND	ND	0.11	2.9 J	1700	ND
	1Q07	140	7	340	ND	ND	ND	ND	540	ND
MW-19-1	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	100	ND	**725**	1.4	ND	ND	32.4	ND	NS
	3Q04	49	3.2 J	**928**	3.9	ND	ND	35.3	ND	NS
	1Q05	43	ND	404	2.1	ND	ND	27.9	ND	NS
	2Q05[L]	410	16.4	**1440**	2.9	ND	ND	34.1	ND	NS
	2Q05[U]	350	3.2 J	**1430**	2.8	ND	ND	32.9	ND	NS
	3Q05	53	9.2 J	**1140**	4.1	ND	ND	39	ND	NS
Dilution factor for Nitrate 2	4Q05	240	12.4	**659**	4.6	ND	ND	44.2	ND	NS
MW-19-2	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	10	6.0 J	**704**	ND	ND	ND	33.6	1600	NS
	3Q04	87	6.0 J	**916**	0.87	ND	ND	23.9	280	NS
	1Q05	110	5.2 J	**568**	0.093 J	0.13 J	ND	69.4	26	NS
	2Q05[L]	160	11.6 J	**780**	0.62	0.17 J	ND	29.6	ND	NS
	2Q05[U]	150	ND	**750**	0.64	ND	ND	29.3	ND	NS
	3Q05	8	3.2 J	**976**	1	0.12 J	ND	27.2	120	NS
	4Q05	220	ND	**864**	0.78	ND	ND	60.3	35	NS
	4Q05D	92	ND	**908**	0.6	ND	ND	62.1	49	NS
MW-19-4	1Q06	12	ND	**730**	2.4	ND	ND	37.4	ND	NS
	2Q06	520	8.4 J	**774**	2.8	ND	ND	45.8	ND	ND
Dilution factor for Nitrate 5	3Q06	85	ND	**740**	4.8	ND	ND	50.9	ND	ND
Dilution factor for Nitrate 5	3Q06D	92	ND	**733**	4.9	ND	ND	50.1	ND	ND
	4Q06	29	ND	**529**	3	ND	ND	47.1	ND	ND
	1Q07	54	3	340	1.7	ND	ND	37	ND	ND
MW-19-5	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3Q04	180	14	**942**	0.06 J	ND	ND	15.7	2100	NS
	1Q05	380	3.6 J	174	0.49	ND	ND	15.8	34	NS
	2Q05[L]	3000	3.6 J	177	ND	ND	ND	12	380	NS
	2Q05[U]	100	3.6 J	141	0.43	ND	ND	8.7	ND	NS
	3Q05	69	6.8 J	463	ND	ND	ND	7.7	1700	NS
	4Q05	58	ND	144	0.38	ND	ND	12.8	3.8 J	NS
	1Q06	12	ND	287	0.97 J	ND	ND	11.2	290	NS
	2Q06	22	9.2 J	190	0.19	ND	ND	14.2	150	ND
Dilution factor for Methane 10	3Q06	30	ND	275	0.12	ND	ND	10.2	700	ND
Dilution factor for Methane 10	4Q06	620	ND	236	0.10	ND	ND	10.9	640	ND
	1Q07	240	7	340	ND	0.51	ND	ND	500	**0.011**
MW-19-6	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	35	10.4 J	**1670**	1.6	ND	ND	37.3	140	NS
	3Q04	110	18.8	**1240**	1.1	ND	0.062	38.3	140	NS
	1Q05	82	11.2 J	**544**	1.7	ND	ND	44	130	NS
	2Q05[L]	23	18	**1180**	1.3	0.29 J	ND	33.5	44	NS
	2Q05[U]	160	ND	**1190**	1	ND	ND	32.7	96	NS
	3Q05	90	40.8	**1520**	1.1	ND	ND	35	38	NS
	4Q05	43	10.8 J	**940**	3.5	ND	ND	47.8	43	NS
	1Q06	14	4.4 J	**634**	1.8	ND	ND	36.6	50	NS
	2Q06	14	ND	**802**	2	ND	ND	38.3	44	ND
	2Q06D	15	ND	**790**	2	ND	ND	37.7	45	ND
	3Q06	75	4.4 J	**682**	2.6	ND	ND	37.1	32	ND
	4Q06	240	ND	**574**	2.3	ND	ND	38.3	31	ND
	1Q07	62	5.3	490	2.4	ND	ND	34	21	ND

TABLE 3

Through 2nd Quarter 2007

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

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
	UNITS	cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
MW-19-7	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	110	6.8 J	2110	0.21	ND	ND	47.2	5200	NS
	2Q04D	88	9.2 J	2040	0.21	0.15 J	ND	37.3	5400	NS
	3Q04	2000	4.4 J	1920	1.5	ND	ND	64.4	2400	NS
Dilution factor for Methane 250	1Q05	75	6.0 J	774	3.2	ND	ND	29.1	10,000	NS
Dilution factor for Methane 250	1Q05D	77	7.2 J	754	3.2	ND	ND	30.5	11,000	NS
	2Q05[L]	32	54	472	ND	0.50 J	0.45	ND	13,000	NS
	2Q05[U]	41	48	481	ND	0.35 J	0.32	ND	10,000	NS
	3Q05[L]	17	45.6	1450	ND	ND	0.3	19.2	2,900	NS
	3Q05[U]	17	31.6	1280	0.22	0.29 J	0.1	25.7	1,600	NS
Dilution factor for Methane 250	4Q05	16	32	926	0.16	0.5	0.23	8.9	7,700	NS
	1Q06	14	33.2	621	ND	ND	0.3	2.2 J	10,000	NS
	1Q06D	10	36.8	628	ND	ND	0.3	1.6 J	10,000	NS
Dilution factor for Methane 200	2Q06	68	16.8	655	0.87	ND	0.16	12.9	11,000	ND
Dilution factor for Methane 100	3Q06	79	9.2 J	799	2.1	ND	0.15	15.1	8,600	ND
Dilution factor for Methane 100	4Q06	600	4.4 J	568	3.4	ND	ND	31.3	5,600	ND
Dilution factor for Methane 4	1Q07	38	18	420	0.59	ND	0.31	11	1,200	ND
Dilution factor for Methane 5	1Q07D	40	19	440	0.69	ND	0.31	12	1,300	ND
MW-19-8	2Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	45	14.4	1120	ND	ND	0.15	22.8	79	NS
	3Q04	15	7.2 J	573	ND	0.24 J	0.12	11.5	790	NS
Dilution factor for Methane 5	1Q05	91	25.2	1150	ND	ND	0.18	16.3	510	NS
	2Q05	270	20	796	ND	ND	ND	23.7	5.3	NS
	3Q05	ND	8.8 J	876	0.33	0.26 J	ND	20.3	74	NS
	4Q05	210	4.4 J	926	0.88	ND	ND	24.6	24	NS
MW-19-9D	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	210	6.0 J	621	0.14	0.33 J	ND	18.2	1300	NS
	3Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19-10	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	34	6.8 J	563	ND	ND	ND	18	2.6 J	NS
	3Q04	18	10.4 J	908	ND	ND	ND	19.2	3.3 J	NS
	3Q04D	22	10.8 J	890	ND	0.24 J	ND	17.9	2.9 J	NS
	1Q05	29	5.2 J	625	ND	ND	ND	16.9	74	NS
	2Q05[L]	170	32.4	653	ND	ND	ND	18.1	48	NS
	2Q05[U]	93	32	691	ND	0.12 J	ND	18.3	48	NS
	3Q05	26	10.4 J	560	ND	ND	ND	16	ND	NS
	4Q05	56	17.2	654	ND	ND	ND	15.3	3.2 J	NS
MW-19-11	1Q05	940	4.8 J	4750	2.2	ND	ND	65.6	9.9	NS
	2Q05[L]	NS	64	731	ND	0.42 J	ND	18	930	NS
	2Q05[U]	14	27.2	740	ND	ND	ND	17.2	1,200	NS
	3Q05	63	106	555	ND	ND	0.11	21.5	26	NS
Dilution factor for Methane 10	4Q05	80	15.2	854	ND	0.32 J	ND	25.5	440	NS
MW-19-12										
	2Q06	4000	11.2 J	548	0.048 J	ND	ND	15.1	4.8 J	ND
Dilution factor for Methane 5	3Q06	170	6.4 J	822	0.36	ND	ND	22.9	170	ND
	4Q06	2	4.4 J	716	0.22	ND	ND	21.3	130	ND
	4Q06D	2	ND	718	0.17	ND	ND	21.8	130	ND
	1Q07	4	5.5	400	0.56	0.12	ND	20	ND	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
MW-27s	2Q06	NR	5,180	630	ND	0.26 J	4.8	43.3	20	ND
	3Q06	>5700	3,850	798	ND	ND	1.4	108	3.7 J	ND
	4Q06	>5700	166	753	0.16	ND	0.82	116	2.3 J	ND
	1Q07	>5700	580	650	ND	ND	0.19	91	ND	ND

TABLE 3

Through 2nd Quarter 2007

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

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
	UNITS	cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
MW-28s	2Q06	6	35.2	350	ND	0.35 J	0.25	2.6 J	3,100	ND
Dilution factor for Methane 200	3Q06	1,300	22.4	460	ND	0.26 J	0.37	ND	3,200	ND
Dilution factor for Methane 200	3Q06D	1,500	21.6	468	ND	ND	0.37	1.7J	3,100	ND
Dilution factor for Methane 100	4Q06	1	24.8	347	ND	ND	0.43	2.0 J	4,400	ND
	1Q07	460	180	350	ND	ND	0.42	ND	170	ND
	1Q07D	230	93	360	ND	ND	0.43	ND	810	**0.0051**
MW-28I										
Dilution factor for Methane 10	2Q06	290	28	367	0.047 J	ND	0.22	2.2 J	1,900	ND
Dilution factor for Methane 100	3Q06	>5,700	42.8	338	ND	ND	0.19	3.5 J	1,500	ND
Dilution factor for Methane 100	4Q06	440	15.6	335	ND	ND	0.22	3.0 J	1,500	ND
	1Q07	110	34	380	0.1	0.2	0.35	ND	410	ND
MW-29s	2Q06	250	58.8	**504**	ND	11.9	0.45	4.0 J	1,200	ND
Dilution factor for Methane 250	3Q06	>5700	54	**546**	ND	9.9	0.32	1.9 J	5,000	ND
Dilution factor for Methane 100	4Q06	190	35.6	**509**	ND	8.3	0.29	3.9 J	5,200	ND
	1Q07	30	41	**510**	0.14	7.5	0.34	ND	450	**0.0084**
MW-30s	2Q06	2200	75.6	348	ND	0.86	0.17	5.2	3,800	ND
Dilution factor for Methane 200	3Q06	>5700	132	457	ND	0.89	0.32	ND	2,500	ND
Dilution factor for Methane 100	4Q06	>5700	147	448	ND	1.1	0.24	5.5	6,500	ND
MW-30I	2Q06	>5700	18.8	369	ND	1.8	0.15	8.2	1,100	ND
Dilution factor for Methane 100	3Q06	290	41.6	414	ND	0.83	0.23	3.2 J	1,200	ND
Dilution factor for Methane 50	4Q06	40	17.2	456	ND	0.89	0.24	11.1	930	ND
Dilution factor for Methane 50	4Q06D	43	41.2	478	ND	ND	0.23	11.1	930	ND
MW-30d	2Q06	2800	11.6	248	ND	0.30 J	ND	9.7	45	ND
	3Q06	>5700	6.4 J	288	0.043 J	ND	ND	10.6	5.3	ND
	4Q06	47	5.6 J	375	ND	ND	ND	12.5	22	ND
Atmospheric Blank	1Q05	> 5700	ND	ND	ND	ND	ND	ND	ND	NS
	4Q05	5	ND	10.0 J	ND	ND	ND	0.30 J	ND	NS
	1Q06	2	ND	ND	ND	ND	ND	ND	ND	NS
	2Q06	38	ND	ND	ND	ND	ND	1.5 J	ND	ND*
	3Q06	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q06	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q07	1	ND	ND	ND	ND	ND	ND	22	ND*
Rinsate Blank	1Q05	36	ND	ND	ND	ND	ND	ND	ND	NS
	3Q05	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4Q05	ND	ND	ND	ND	ND	ND	ND	ND	NS
	1Q06	ND	ND	ND	ND	ND	ND	ND	ND	NS
	2Q06	120	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q06	250	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q06	45	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q06	84	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q06	56	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q07	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 has a dilution factor of 5, except for blank samples or unless otherwise noted.

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

NCS: No Criteria Specified by NJDEP

NS = Not Sampled

ND = Not Detected

L Lower Grab Sample

U Upper Grab Sample

* Total Lead

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

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-19	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	10.97	7.23	24	890	2	13.94	NM	160	70
	3Q04	0.1	7.62	-10	1179	2	16.18	<10	200	95
	1Q05	0.2	7.67	100	590	5	11.82	9	241(1)	121
	2Q05L	1	7.84	NM	734	10	8.6	0.3	30	<10
	2Q05U	1	7.69	NM	760	10	8.46	0.4	29	<10
	3Q05	1	7.03	185	1920	9	15.86	>10	110	60
	4Q05	5.34	6.47	87	1005	4	15.01	>10	110	18
	1Q06	3.53	6.59	-50	978	13	8.72	>10	11	>100
	2Q06	4.92	7.66	-43	905	9	13.98	>10	225	60
	3Q06	0.34	7.08	-24	761	5	16.2	18	100	90
	4Q06	0.08	6.53	-76.7	579	7	15.36	>10	275	70
	1Q07	0.15	6.59	-90.3	444	5	10.38	20	250	35
MW-19-1	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	13.9	7.22	180	1373	10	13.9	NM	125	17
	3Q04	1	7.50	80	1910	10	18.49	0.2	90	28
	1Q05	1	7.80	213	676	10	11.49	0	152(1)	30
	2Q05L	0.8	7.60	NM	2540	22	9.15	0.2	75	<10
	2Q05U	1	7.67	NM	2540	10	8.5	0.1	90	<10
	3Q05	1	7.22	208	2260	20	15.23	0.1	100	10
	4Q05	6.54	7.06	291	1149	36	16.70	0.1	45	<10
MW-19-2	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	4.45	7.30	83	1199	6	13.97	NM	210	60
	3Q04	5	7.45	59	1830	9	16.97	2	130	15.5
	1Q05	1	7.30	249	825	10	11.02	0	395(1)	63
	2Q05L	0.8	7.80	NM	1312	29	7.76	0.1	100	<10
	2Q05U	0.8	7.76	NM	1316	10	8.00	0.1	100	10
	3Q05	1	7.59	204	1980	3	14.87	1	100	10
	4Q05	4.75	6.79	290	1442	1	16.50	0.2	105	15.5
MW-19-4	1Q06	7.62	7.53	-64	1351	14	5.61	0.6	12	>50
	2Q06	6.53	7.74	116	1442	22	13.93	0.2	100	17
	3Q06	2.93	7.43	92	1335	9	18.68	0	10	19
	4Q06	4.03	7.69	172	886	10	16.67	0	150	22
	1Q07	2.01	6.95	105	418	17	11.71	0	125	11
MW-19-5	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	10.16	7.02	41	1550	4	12.89	NM	130	70
	3Q04	1	7.26	87	1740	19	16.3	2	150	60
	1Q05	1	7.94	226	269	9	10.59	0	126(1)	63
	2Q05L	1	7.94	NM	2640	10	8	0	45	16
	2Q05U	0.8	7.99	NM	2100	38	6.96	0	45	10.5
	3Q05	0.8	7.44	184	920	2	15.15	>10	100	35
	4Q05	1.84	6.27	217	216	10	15.15	0.1	30	11
	1Q06	3.35	6.35	249	512	3	8.17	0	12	>100
	2Q06	6.79	7.50	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
MW-19-6	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	5.48	6.86	56	2640	10	15.24	NM	80	33
	3Q04	1	7.43	83	2490	4	16.61	0.4	125	20
	1Q05	1	7.73	241	867	12	11.79	0	204(1)	41
	2Q05L	1	7.50	NM	1870	27	10.64	0.1	75	15
	2Q05U	1	7.48	NM	1790	2	9.89	1	80	20
	3Q05	1	7.28	191	3030	36	15.2	0.4	70	20
	4Q05	5.39	5.86	307	1550	9	14.76	0	80	10.5
	1Q06	3.71	6.60	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

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

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-19-7	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	5.89	6.82	48	380	6	14.34	NM	95	90
	3Q04	1	6.92	113	4040	2	16.77	1	75	70
	1Q05	0.6	7.16	281	1388	1	11.34	3	200(1)	63
	2Q05L	0.05	7.82	102	938	25	11.7	15	160	36
	2Q05U	1	7.80	NM	961	49	11.22	15	200	29
	3Q05L	0.8	7.03	90	2670	17	14.76	>10	95	0.8
	3Q05U	1	7.02	185	2460	5	16.02	>10	70	35
	4Q05	1.58	5.98	-44	1434	14	14.85	>10	11	30
	1Q06	1.86	6.20	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
MW-19-8	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	3.98	6.9	-24	2010	10	15.69	NM	125	30
	3Q04	0.4	7.52	48	1093	7	18.29	2	100	19
	1Q05	0.3	7.06	161	177	16	12.92	10	142(1)	28
	2Q05	0.8	7.92	NM	1510	47	10.82	6	70	19
	3Q05	0	7.07	147	1820	2	18.86	3	80	19
	4Q05	6.74	6.10	330	1460	5	17.19	3	85	20
MW-19-9D	1Q04	NS	NS	NS	NS	NS	NS	**	**	**
	2Q04	3.03	7.11	-28	480	63	14.64	**	**	**
	3Q04	0.2	7.40	8	545	35	15.7	**	**	**
	1Q05	1.5	7.14	193	871	267	11.58	**	**	**
	2Q05	0.05	7.91	NM	471	70	12.12	**	**	**
	3Q05	0	7.35	189	552	2	16.4	**	**	**
	4Q05	0.94	5.78	-91	465	1	13.96	**	**	**
MW-19-10	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	3.82	6.78	85	1050	7	13.94	NM	80	25
	3Q04	0.1	7.35	107	1498	11	15.56	1.5	65	20
	1Q05	0.15	7.25	285	1039	28	13.19	2	127(1)	20
	2Q05L	0.8	7.47	NM	1209	52	12.18	0.4	70	13
	2Q05U	1	7.48	NM	1282	41	11.18	1	75	13
	3Q05	1	7.62	212	1148	18	16.47	0.6	70	13
	4Q05	9.89	6.73	229	1167	39	15.00	1	60	10
MW-19-11	1Q05	1.5	7.01	215	740	8	10.3	0	205(1)	65
	2Q05L	0.8	7.88	NM	1424	38	12.18	4	110	17
	2Q05U	0.8	7.80	NM	1442	10	12.12	4	90	15
	3Q05	1	7.72	209	1155	77	16.63	1	80	12.5
	4Q05	2.5	6.51	271	1470	10	15.86	0.4	85	15
MW-19-12	2Q06	0.99	7.29	-33	1046	9	16.06	4	120	100
	3Q06	0.21	7.41	5	1460	18	17.9	4	12	17
	4Q06	0.23	7.60	191	1234	10	16.72	3.5	1000	17
	1Q07	0.18	6.91	-39.6	680	8	12.29	1.5	100	10
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
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
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

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

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-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
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
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
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
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

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	
GREATER OF THE NEW JERSEY SURFACE WATER QUALITY STANDARDS (NJSWQS) AND THE PQLs[2]			1		530		1,300		NCS		1.2	
SW-D-1												
	8-Apr-05	2Q05	<	0.20	<	0.2	<	0.2	<	0.6	<	1.0
	26-Jul-05	3Q05	<	0.2	<	0.2	J	0.5	<	0.6	<	1.0
	26-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	**2.0**
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	J	0.2	<	0.6	J	**11.0**
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
SW-D-2												
	8-Apr-05	2Q05		NS		NS		NS		NS		NS
	26-Jul-05	3Q05	<	0.2	J	0.5	<	0.2		6.1		**38.0**
	26-Oct-05	4Q05	<	0.2	J	0.6	<	0.2	J	2.0	<	1.0
	27-Feb-06	1Q06	<	0.2	J	0.8	<	0.2	J	2.7		**27.0**
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	19-Jun-06	2Q06D	<	0.2	<	0.2	<	0.2	<	0.6	J	**2.0**
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	**2.0**
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0		**11.0**
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		**3.3**
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	<	1.0	<	5.0	<	3.0		**3.3**
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
DRC-1												
	20-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	J	1.2	<	0.9
DRC-2												
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	J	0.5	<	0.2	J	1.9	<	0.9
	6-Feb-07	1Q07	<	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	
GREATER OF THE NEW JERSEY SURFACE WATER QUALITY STANDARDS (NJSWQS) AND THE PQLs[2]			1		530		1,300		NCS		1.2	
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
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
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
	6-Feb-07	1Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	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
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

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	
GREATER OF THE NEW JERSEY SURFACE WATER QUALITY STANDARDS (NJSWQS) AND THE PQLs[2]			1		530		1,300		NCS		1.2	
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

LEGEND

ug/L = micrograms per liter

NCS: No Criteria Specified by NJDEP

NS = Not Sampled

duplicate = Duplicate sample

Concentration exceeds NJSWQS **38.0**

B: Analyte also detected in blank

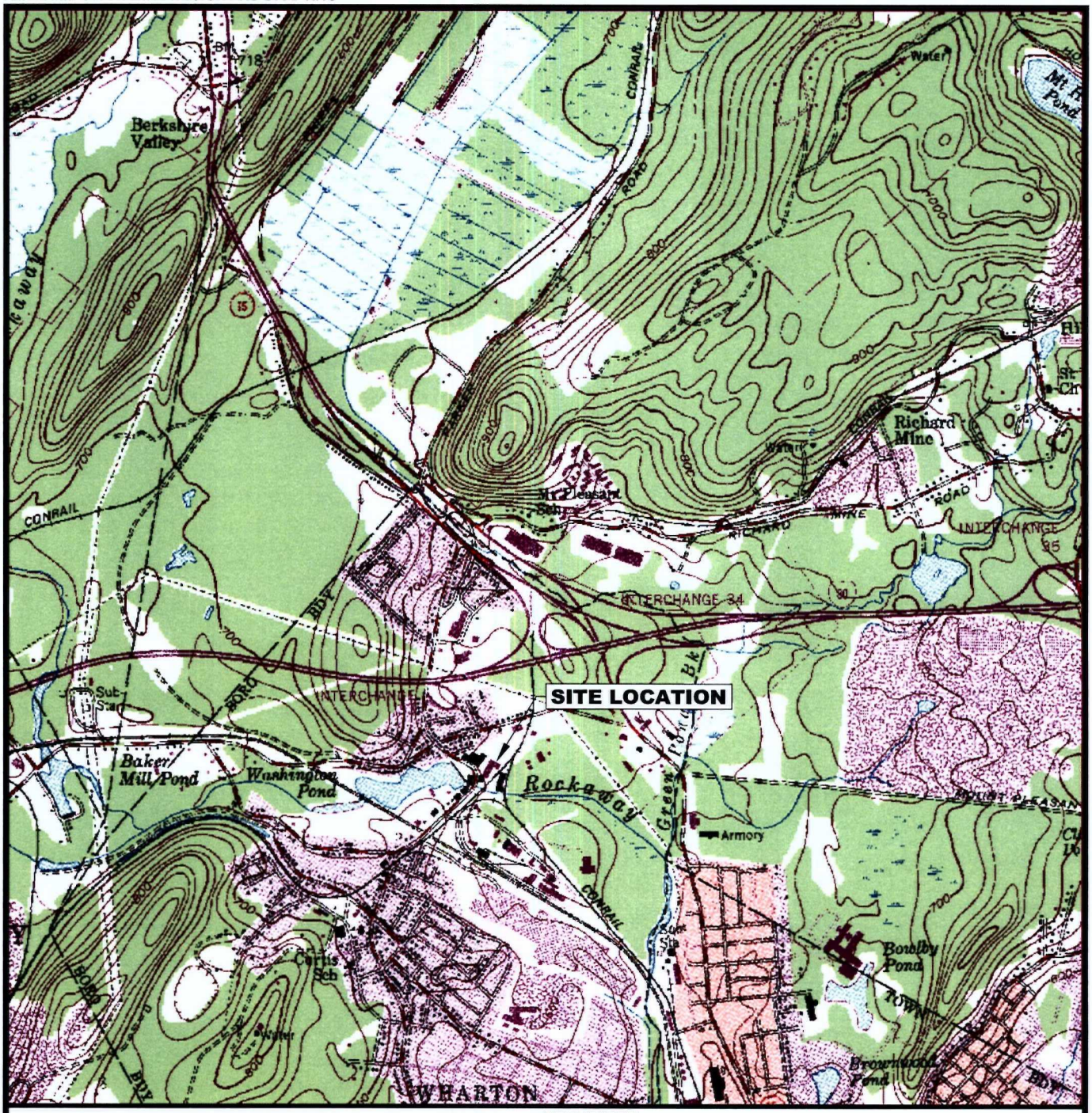
J: Estimated value. Value is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ)

(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) Criteria have been updated per the October 2006 revised regulations

Figures

RMT COMPUTER AIDED DESIGN AND DRAFTING



NEW JERSEY

QUADRANGLE LOCATION

N

0 2000' 4000'

APPROXIMATE SCALE IN FEET

SOURCE

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

RMT INC.®

LE CARPENTER
WHARTON, NEW JERSEY

SITE LOCATION MAP

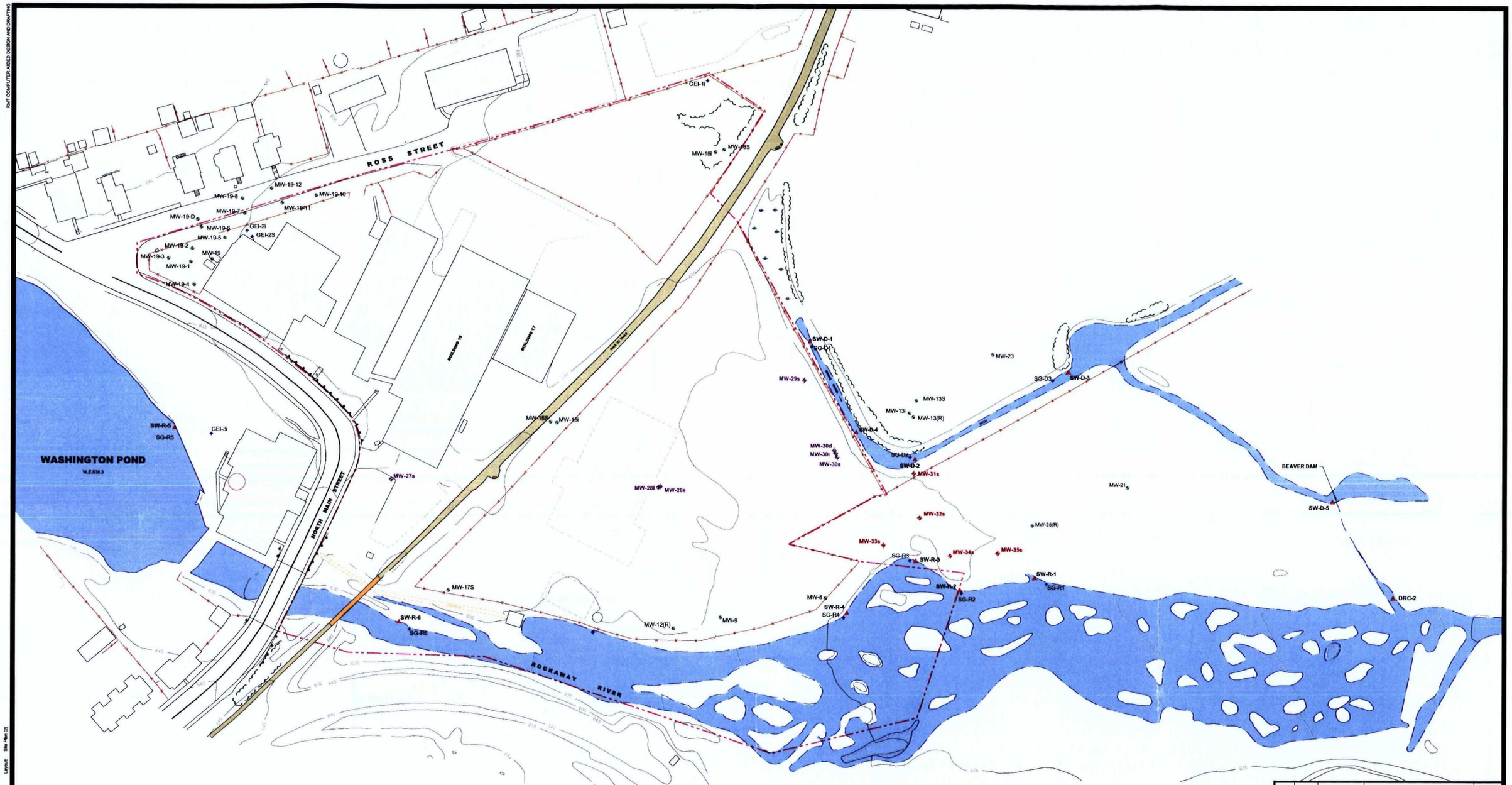
DRAWN BY:	SL
APPROVED BY:	JO
PROJECT NUMBER:	6527.24
FILE NUMBER:	6527.24.11.DWG
DATE:	August 2007

FIGURE 1

PLOT DATA

Drawing Name: J:\06527\24\6527.24.11.dwg
Operator Name: Scale: lucidos 1"=2000'
Dwg Size: Plot Date: 94753 Bytes Wednesday, July 25, 2007
Plot Time: Attached Xrefs: 09:58.0163 AM No xref's Attached.

RMT COMPUTER AIDED DESIGN AND DRAFTING



LEGEND

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

NOTES

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

N

0 60' 120' 180' 240'

SCALE IN FEET

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

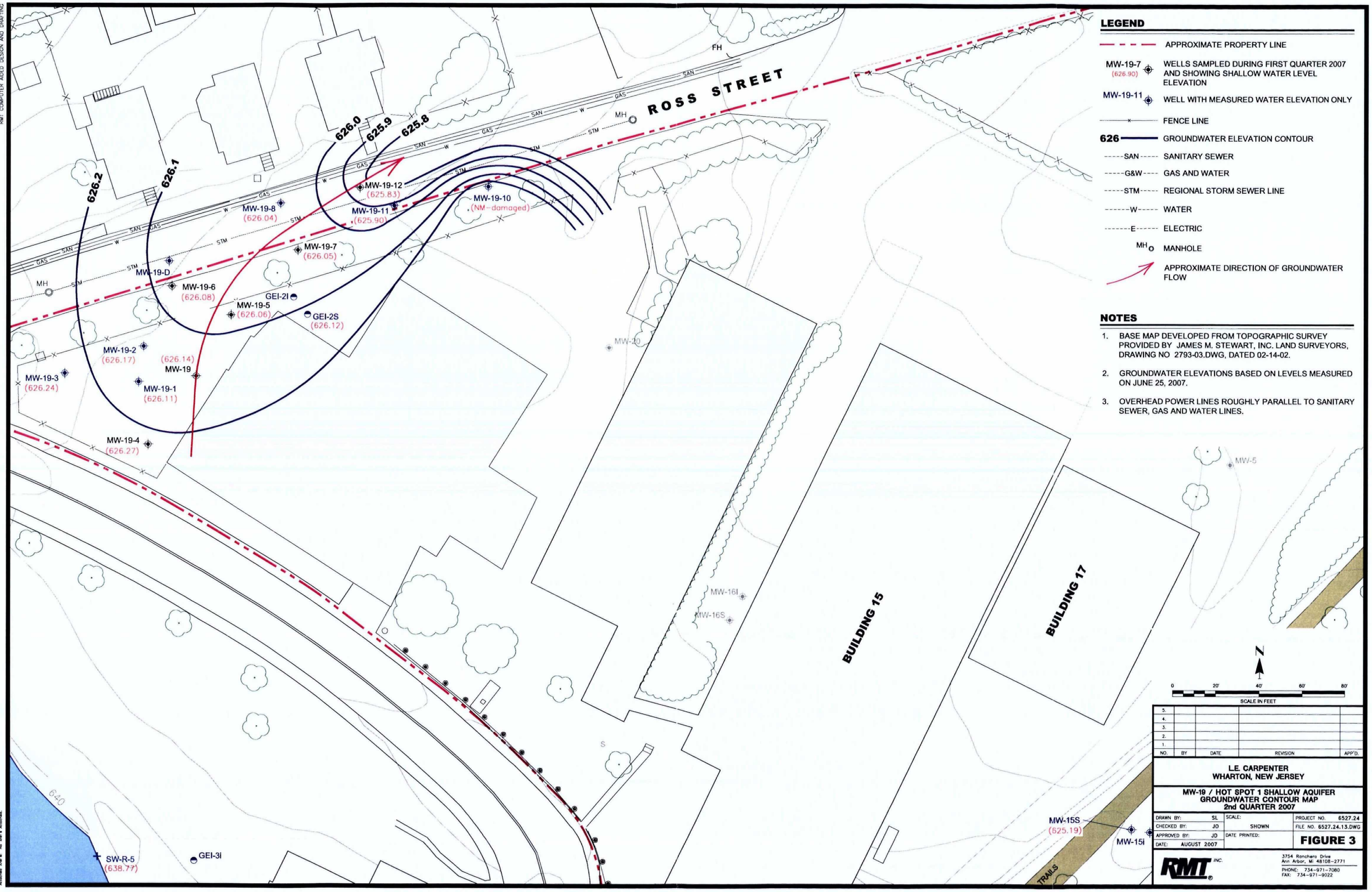
L.E. CARPENTER
WHARTON, NEW JERSEY

SITE PLAN WITH SAMPLE LOCATIONS

DRAWN BY:	SL	DRAWING SCALE:	PROJECT NO.	J:\06527\24
CHECKED BY:	JD	SHOWN	FILE NO.	6527.24.12.dwg
APPROVED BY:	JD	DATE PRINTED:	**FIGURE 2**	
DATE:	August 2007			

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

Drawing Name: J:\06527\24\6527.24.12.dwg
Operator Name: LUCIDOS
Drawing Plot Scale: 1:42
Dwg Size: 0.78 Mb
Plot Date: July 26, 2007
Plot Time: 5:03 PM
Layout: Site Plan (2)



LEGEND

- APPROXIMATE PROPERTY LINE
- MW-19-7 (626.90) — WELLS SAMPLED DURING FIRST QUARTER 2007 AND SHOWING SHALLOW WATER LEVEL ELEVATION
- MW-19-11 — WELL WITH MEASURED WATER ELEVATION ONLY
- FENCE LINE
- 626 — GROUNDWATER ELEVATION CONTOUR
- SAN — SANITARY SEWER
- G&W — GAS AND WATER
- STM — REGIONAL STORM SEWER LINE
- W — WATER
- E — ELECTRIC
- MH — MANHOLE
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW

NOTES

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02.
2. GROUNDWATER ELEVATIONS BASED ON LEVELS MEASURED ON JUNE 25, 2007.
3. OVERHEAD POWER LINES ROUGHLY PARALLEL TO SANITARY SEWER, GAS AND WATER LINES.

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

L.E. CARPENTER
WHARTON, NEW JERSEY

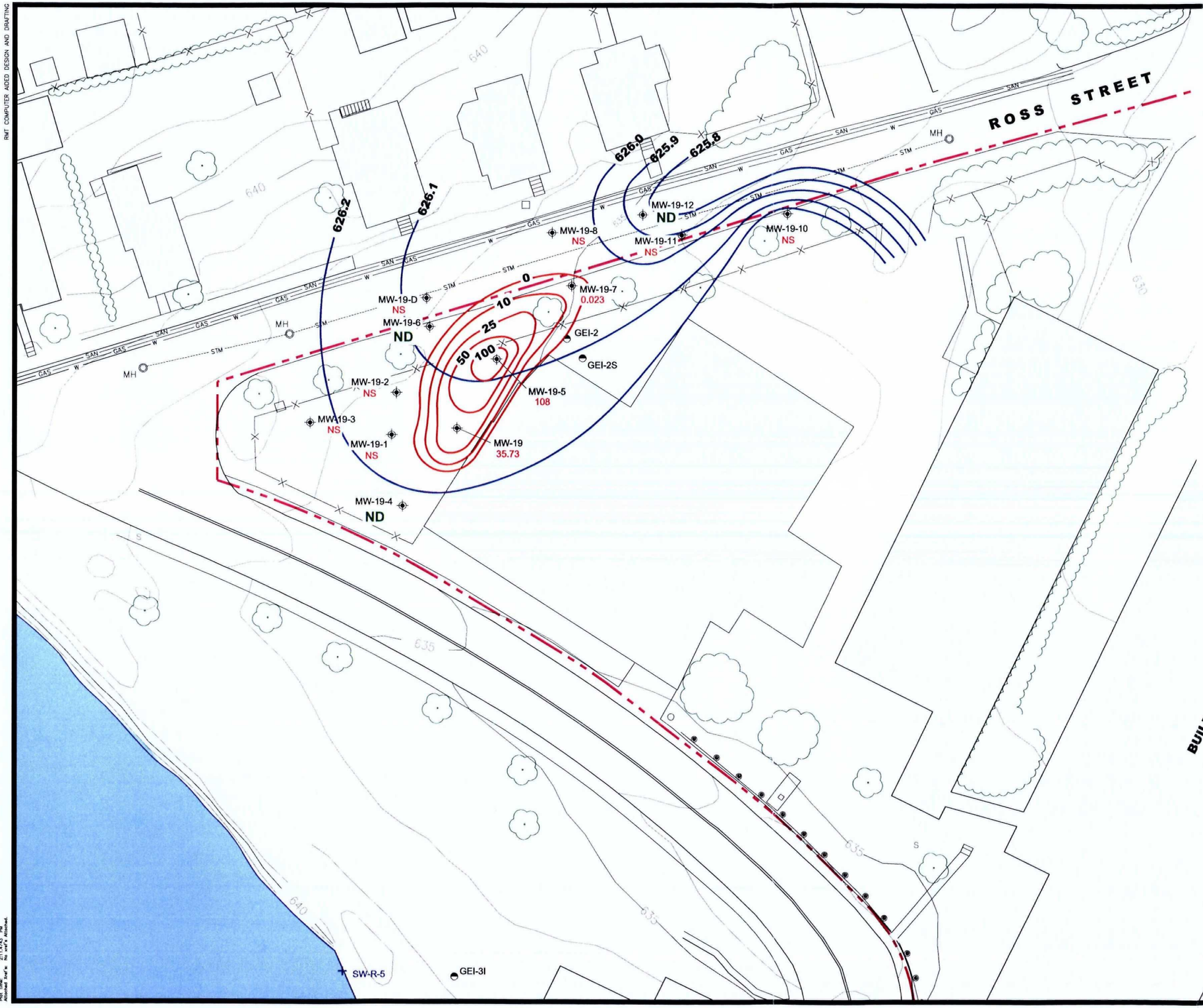
MW-19 / HOT SPOT 1 SHALLOW AQUIFER GROUNDWATER CONTOUR MAP
2nd QUARTER 2007

DRAWN BY: SL	SCALE:	PROJECT NO. 6527.24	
CHECKED BY: JO	SHOWN	FILE NO. 6527.24.13.DWG	
APPROVED BY: JD	DATE PRINTED:	**FIGURE 3**	
DATE: AUGUST 2007			

RMT INC.
3754 Ranchero Drive
Ann Arbor, MI 48108-2771
PHONE: 734-971-7080
FAX: 734-971-9022

RMT COMPUTER AIDED DESIGN AND DRAFTING

FILE DATA
Drawing Name: J:\06527\24\6527.24.13.dwg
Operator Name: JOHNSON
Date: 714777 Bytes
Date Saved: 10-04-2006 AM
Plot Date: 10:04:38 AM
Plot Time: Aug 25, 2007
Attached Xref & Image: No xref's Attached.



LEGEND

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

NOTES

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02.
2. GROUNDWATER ELEVATIONS BASED ON LEVELS MEASURED ON JUNE 25, 2007.
3. NS = NOT SAMPLED; ND = NOT DETECTED
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 ISOCONCENTRATION MAP
2nd QUARTER 2007

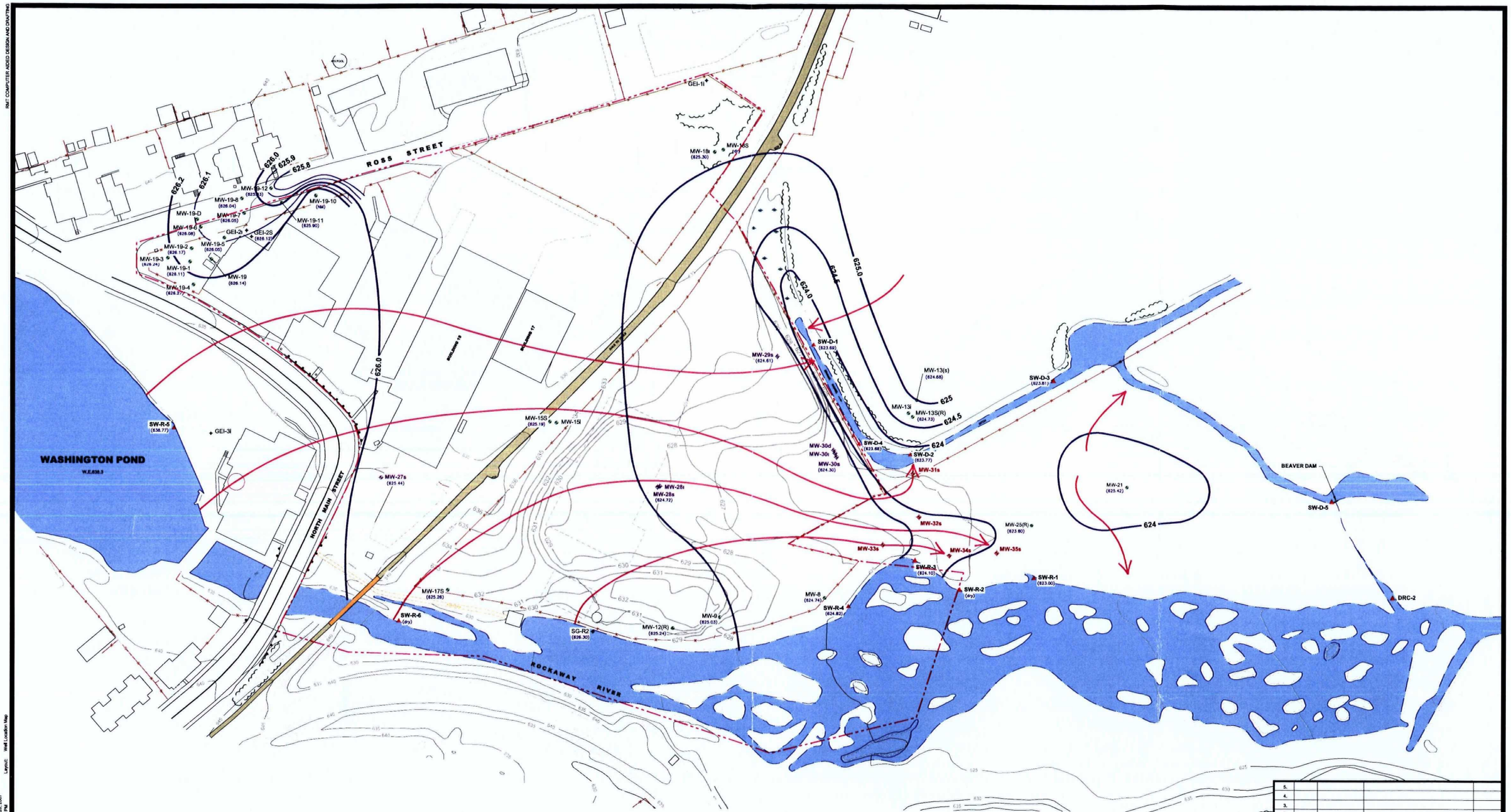
DRAWN BY: SL	SCALE: SHOWN	PROJECT NO. 6527.24	
CHECKED BY: JO		FILE NO. 6527.24.04.DWG	
APPROVED BY: NC	DATE PRINTED:	**FIGURE 4**	
DATE: AUGUST 2007			

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

RMT COMPUTER AIDED DESIGN AND DRAFTING

RMT INFO
Drawing Name: J:\06527\24\6527.24.04.dwg
Operator Name: Lydia
Date: 10/24/07
Dwg Size: 904489 Bytes
Last Saved: 10/24/07
Plot Time: 2:17:14 PM
Allowed Xref's: No xref's Allowed.

RMT COMPUTER AIDED DESIGN AND DRAFTING



LEGEND

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

NOTES

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

N

0 60' 120' 180' 240'
SCALE IN FEET

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

L.E. CARPENTER
WHARTON, NEW JERSEY

SITE-WIDE SHALLOW GROUNDWATER ELEVATION CONTOURS

DRAWN BY:	SL	DRAWING SCALE:	SHOWN	PROJECT NO.	J:\06527\24
CHECKED BY:	EV,JO			FILE NO.	6527.24.15.dwg
APPROVED BY:	JD	DATE PRINTED:		**FIGURE 5**	
DATE:	August 2007				

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

Drawing Name: J:\06527\24\6527.24.15.dwg
Operator Name: LUCIDOS
Drawing Plot Scale: 1=40
Dwg Size: D,84 Mb
Plot Date: July 26, 2007
Plot Time: 5:03 PM
Layout: Well Location Map

Appendix A
Report Certification

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

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

Mr. Cristopher R. Anderson
PRINTED NAME

Director, Environmental Services
TITLE

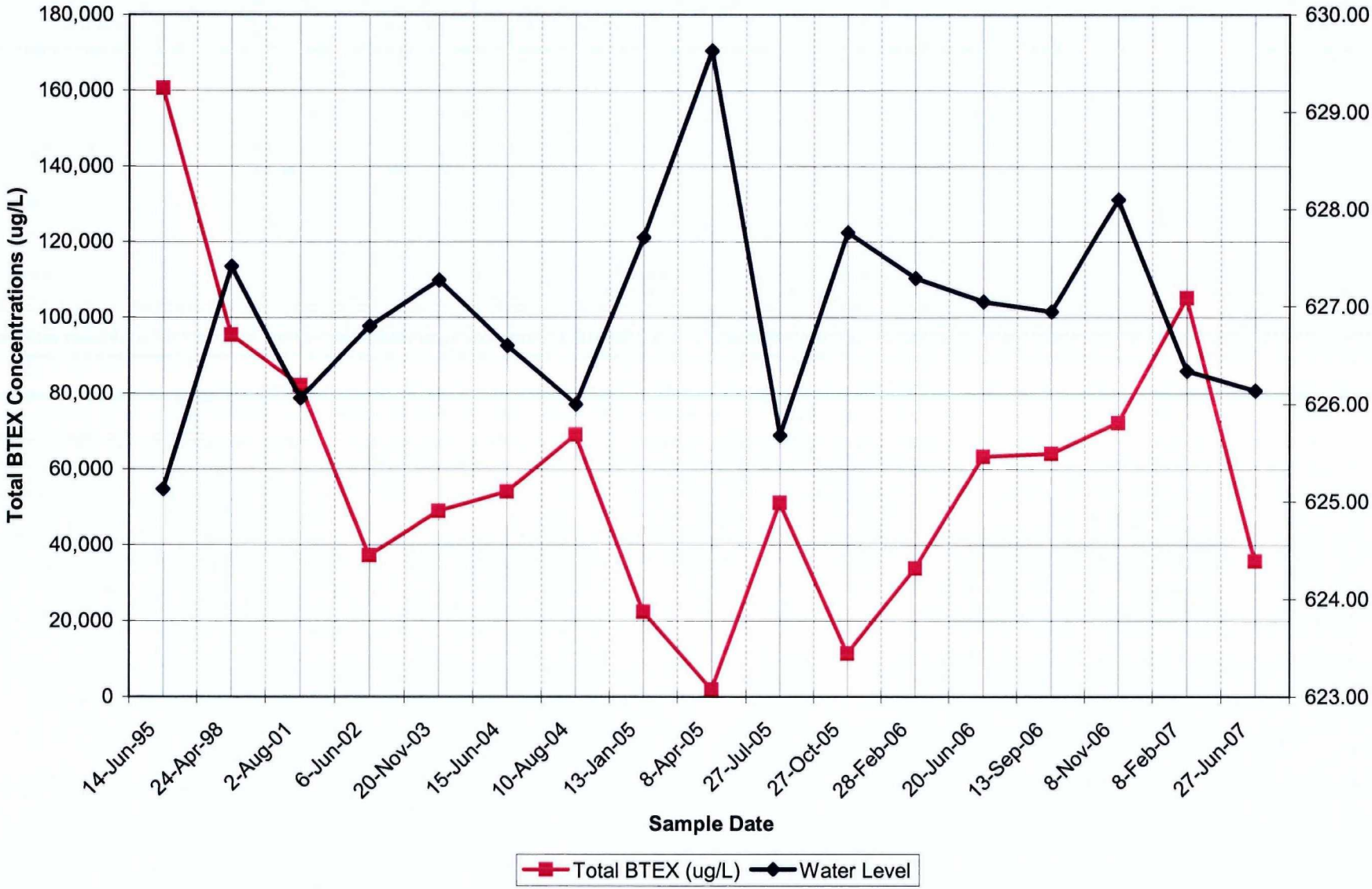
L.E. Carpenter & Company
COMPANY

SIGNATURE

7/30/07
DATE

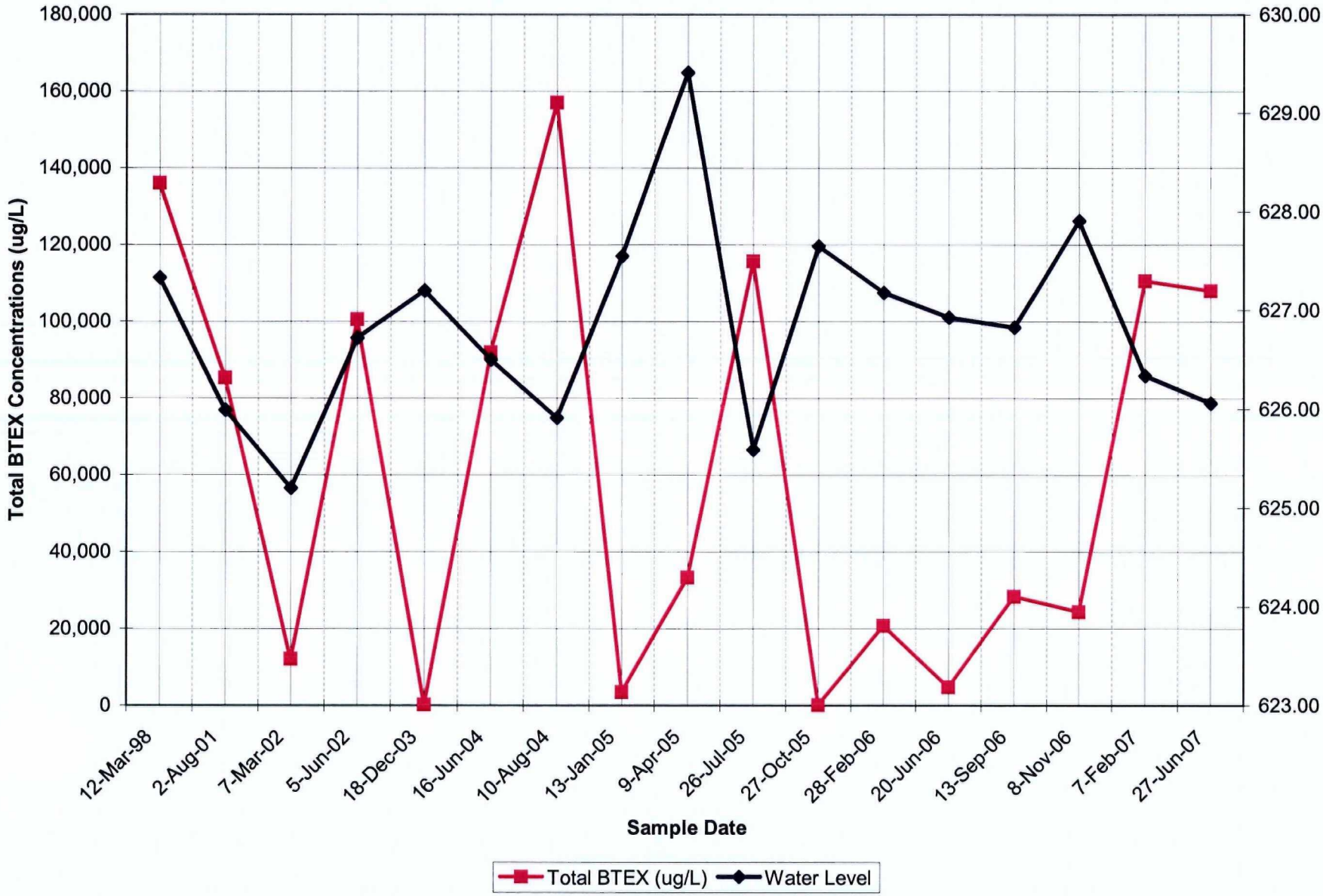
Appendix B
BTEX Concentration Trend Charts

Total BTEX Concentrations vs. Water Levels for MW-19



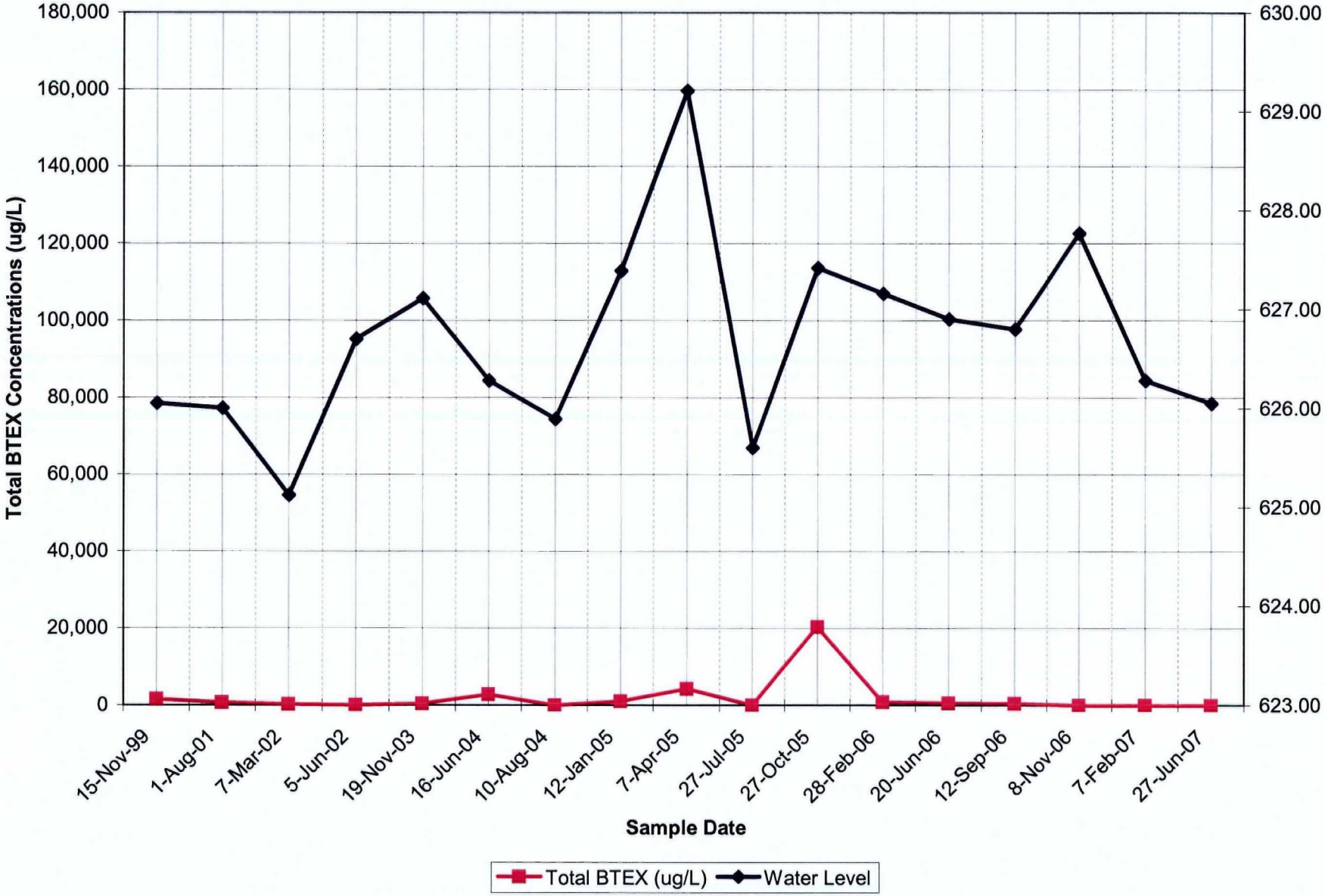
I:\WPGRM\PJT\00-06527\24\Appendix B_002.xls 7/27/2007

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



I:\WPGRM\PJT\00-06527\24\Appendix B_002.xls 7/27/2007

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



I:\WPGRM\PJT\00-06527\24\Appendix B_002.xls 7/27/2007

Appendix C
2nd Quarter 2007 Monitoring Well Sampling Data

RMT®

PROJECT NAME:	L. E. Carpenter
PROJECT NUMBER:	6527.24
PROJECT MANAGER:	N. Clevett
SITE LOCATION:	Wharton, NJ
DATES OF FIELDWORK:	6/25/2007 TO 6/28/2007
PURPOSE OF FIELDWORK:	Collect Static Water Levels, Ground and Surface Water Sample
WORK PERFORMED BY:	E. Vincke & J. Overvoorde

E. Vincke 6/28/07
SIGNED DATE

J. Overvoorde 7/26/07
CHECKED BY DATE

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 6/25/07	TIME ARRIVED: 1145
PROJECT NUMBER: 6527.24	AUTHOR: EV/JO	TIME LEFT: 1915

WEATHER

TEMPERATURE: 80's °F WIND: 5-10 MPH VISIBILITY: P. Cloudy

WORK / SAMPLING PERFORMED

- arrive on-site, prep/un-pack/gather equip
- check-in with Dave C. - receive info on "Crows Nest"
- collect water levels
- sample ditch and river surface water samples, ship via Fed Ex.
- look for Fax machine for Bldg-16

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
lock mechanism broken off shed	rig a new locking mechanism

COMMUNICATION

NAME		
Dave C.	LEC/PolyOne	site check-in/status
Nick C.	RMT	damage to shed

SIGNED: [signature] DATE: 6/25/07

CHECKED BY: [signature] DATE: 7/26/07

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 6/25/07	TIME ARRIVED: 1145
PROJECT NUMBER: 6527.24	AUTHOR: EV/JO	TIME LEFT: 1915

WEATHER

TEMPERATURE: 80's °F WIND: 5-10 MPH VISIBILITY: P. Cloudy

WORK / SAMPLING PERFORMED

- Collected site wide water levels
- Sampled Surface Water
- Took Samples to FedEx
- Pumped MW-27S dry

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
Equip. Shed broke into	

COMMUNICATION

NAME		

SIGNED [signature] DATE 6/25/07 CHECKED BY [signature] DATE 7/26/07

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 6/26/07	TIME ARRIVED: 0635
PROJECT NUMBER: 6527.24	AUTHOR: EV/JO	TIME LEFT: 1700

WEATHER

TEMPERATURE: 90's °F WIND: 0-5 MPH VISIBILITY: Hazy, Sunny

WORK / SAMPLING PERFORMED

- take site wide photos
- sample MW-19-12 (1122) w/ Dup-03, MW-19-4 (1432), and MW-19-6 (1555)
- pack + ship coolers
- bought Fax machine

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME		
Nick C.	RMT.	project status

[signature] 6/26/07
SIGNED DATE

[signature] 6/26/07
CHECKED BY DATE

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 6/26/07	TIME ARRIVED: 0635
PROJECT NUMBER: 6527.24	AUTHOR: EV/JO	TIME LEFT: 1700

WEATHER

TEMPERATURE: 80-90's °F WIND: 0-5 MPH VISIBILITY: Sunny Haze

WORK / SAMPLING PERFORMED

Sampled MW-25(R) (DUP-02) (0725- 0915)
MW-30D (0915- 1100)
MW-30I (1100- 1230)
MW-30S (MS/MSD) (1500- 1615)
MW-27S (1615- 1645)
Took samples to FedEx
Purchase Fax machine.

PROBLEMS ENCOUNTERED			CORRECTIVE ACTION TAKEN
30s	Ground	625.08	
O.A	Outer	628.18	
	Inner	627.99	
30I	Ground	625.14	
1.5	Outer	628.15	
	Inner	628.00	

COMMUNICATION

NAME		

SIGNED [signature] DATE 6/26/07 CHECKED BY [signature] DATE 7/26/07

REVISED 07/2005

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 6/27/07	TIME ARRIVED: 0630
PROJECT NUMBER: 6527.24	AUTHOR: EV/JO	TIME LEFT: 1700

WEATHER

TEMPERATURE: 90's °F WIND: 5-10 MPH VISIBILITY: P. Cloudy, rain

WORK / SAMPLING PERFORMED

- refill CO_2 tank
- Sample MW-19-7 (907)
  MW-19-5 (1035), Atm-01 (1100)
  MW-19 (1203)
- clean-up shed/site ~~[illegible]~~
- verify tools in "Crows Nest" and train/set-up fax machine for Dave.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME		
Nick C.	RMT	prjt status

[signature] 6/28/07 — SIGNED — DATE

[signature] 7/27/07 — CHECKED BY — DATE

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 6/27/07	TIME ARRIVED: 0635
PROJECT NUMBER: 6527.24	AUTHOR: EV/JO	TIME LEFT: 1700

WEATHER

TEMPERATURE: 90'S °F WIND: 5-10 MPH VISIBILITY: Sunny

WORK / SAMPLING PERFORMED

Sampled MW-27S (0700 - 0730)
MW-28I (0830 - 1000)
MW-28S (1000 - 1110)
MW-29S (1110 - 1240)

Hooked up & Tested Fax Machine
Identified stolen items at LEC
Cleaned up site
Took Equip & samples to Fed Ex

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
Turb bottle keeps fogging up last couple of days due to heat & humidity.	Keep wiping down bottles.
Ran out of CO_2	Refilled Tank

COMMUNICATION

NAME		

E. Vail 6/27/07 — SIGNED, DATE

JO 7/26/07 — CHECKED BY, DATE

RMT

EQUIPMENT SUMMARY

PROJECT NAME:	L. E. Carpenter	SAMPLER NAME:	E. Vincke & J. Overvoorde
PROJECT NO.:	6527.24		

WATER LEVEL MEASUREMENTS COLLECTED WITH:

QED MP-20 — NAME AND MODEL OF INSTRUMENT
LEC — SERIAL NUMBER (IF APPLICABLE)

PRODUCT LEVEL MEASUREMENTS COLLECTED WITH:

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

DEPTH TO BOTTOM OF WELL MEASUREMENTS COLLECTED WITH:

QED MP-20 — NAME AND MODEL OF INSTRUMENT
LEC — SERIAL NUMBER (IF APPLICABLE)

PURGING METHOD

QED Portable Bladder — NAME AND MODEL OF PUMP OR TYPE OF BAILER
LEC — SERIAL NUMBER (IF APPLICABLE)

SAMPLING METHOD

QED Portable Bladder — NAME AND MODEL OF PUMP OR TYPE OF BAILER
LEC — SERIAL NUMBER (IF APPLICABLE)

NA — NAME AND MODEL OF FILTERATION DEVICE
NA — FILTER TYPE AND SIZE

PE — TUBING TYPE
☒ LOW-FLOW SAMPLING EVENT

PURGE WATER DISPOSAL METHOD

☐ GROUND ☐ DRUM ☐ POTW ☒ POLYTANK ☐ OTHER _____

DECONTAMINATION AND FIELD BLANK WATER SOURCE

supermarket — POTABLE WATER SOURCE
Laboratory - Chem Service — DI WATER SOURCE

JOvervoorde — SIGNED — 6/26/07 — DATE
[illegible] — CHECKED BY — 7/26/07 — DATE

RMT

EQUIPMENT SUMMARY

PROJECT NAME:	L. E. Carpenter	SAMPLER NAME:	E. Vincke & J. Overvoorde
PROJECT NO.:	6527.24		

WATER LEVEL MEASUREMENTS COLLECTED WITH:

QED MP 10 — NAME AND MODEL OF INSTRUMENT
GRR — SERIAL NUMBER (IF APPLICABLE)

PRODUCT LEVEL MEASUREMENTS COLLECTED WITH:

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

DEPTH TO BOTTOM OF WELL MEASUREMENTS COLLECTED WITH:

QED MP 10 — NAME AND MODEL OF INSTRUMENT
GRR — SERIAL NUMBER (IF APPLICABLE)

PURGING METHOD

QED Portable Bladder — NAME AND MODEL OF PUMP OR TYPE OF BAILER
GRR — SERIAL NUMBER (IF APPLICABLE)

SAMPLING METHOD

QED Portable Bladder — NAME AND MODEL OF PUMP OR TYPE OF BAILER
GRR — SERIAL NUMBER (IF APPLICABLE)

NA — NAME AND MODEL OF FILTERATION DEVICE
NA — FILTER TYPE AND SIZE

PE — TUBING TYPE
☒ LOW-FLOW SAMPLING EVENT

PURGE WATER DISPOSAL METHOD

☐ GROUND ☐ DRUM ☐ POTW ☒ POLYTANK ☐ OTHER _____

DECONTAMINATION AND FIELD BLANK WATER SOURCE

Supermarket — POTABLE WATER SOURCE
Chem-Service — DI WATER SOURCE

SIGNED: [signature] DATE: 6/28/07
CHECKED BY: [signature] DATE: 7/26/07

RMT

CALIBRATION LOG

PROJECT NAME:	L. E. Carpenter	MODEL:	YSI 556	SAMPLER:	EV/JO
PROJECT NO.:	6527.24	SERIAL #:	6RR	DATE:	6/25/07

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 2608027	PH 4 / 10 (LOT NUMBER): 2605597	TIME
6.91 / 7.00	4.01 / 4.00	1743
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2604155	TEMPERATURE (CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1357 / 1413	25.04	~~15~~ 1413	1744
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
9.06	1747

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #): NA	TIME
480 / 1000	48 / 100	1745
5 / 10	/	
/	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 0060089	TEMPERATURE (CELSIUS)	CORRECTED ORP (mV)	TIME
207.3 / 220	25.36	220	1741
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
short sampling day - only MW-27	

SIGNED [signature] DATE 6/25/07

CHECKED BY [signature] DATE 7/26/07

RMT®

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: QED MP-20	SAMPLER: EV/JO
PROJECT NO.: 6527.24	SERIAL #: LEC	DATE: 6/26/07

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 2608027	PH 4 / 10 (LOT NUMBER): 2605597	TIME
6.99 / 7.0	Fail / 4.0	1037
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2604155	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1386 / 1413	24.93	1413	1038
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
NA Hach Kits	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #): NA	TIME
0 / 0	0.92 / 1	1029
11.1 / 10	/	
/	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): NA	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
213 / 220 @ 25°	24.93	214	1040
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
short sampling day	

JOverroorde 6/26/07
SIGNED DATE

JO 7/26/07
CHECKED BY DATE

RMT

CALIBRATION LOG

PROJECT NAME:	L. E. Carpenter	MODEL:	YSI 556 MPS	SAMPLER:	EV/JO
PROJECT NO.:	6527.24	SERIAL #:	GRR	DATE:	6/26/07

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 26008027		PH 4/10 (LOT NUMBER): 26055397		TIME
7.07	7.00	3.88	4.00	0708
6.96	7.00	4.11	4.00	1348

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 26047155		TEMPERATURE (CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1362	1413	23.01	1418	0711
1726	1413	33.23	1413	1351

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
9.86	0714
7.18	1344

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA		(LOT #): NA		TIME
5	0-10	482	0-1000	705
48	0-100			

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 06600819		TEMPERATURE (CELSIUS)	CORRECTED ORP (mV)	TIME
227.9	224	22.52	224	0706
204.6	206	33.80	206	1347

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

E. Vail 6/26/07
SIGNED DATE

CHECKED BY 7/26/07
DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: QED MP-20	SAMPLER: EV/JO
PROJECT NO.: 6527.24	SERIAL #: LEC	DATE: 6/27/07

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 260~~5597~~ 8027	PH 4 / 10 (LOT NUMBER): 2605597	TIME
6.91 → 7.00 / 7.00	Fail / 4.00	825
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2604155	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1414 / 1413	26.44	1414	825
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
NA	
Hach kits	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #): NA	TIME
0 / 0	~~0.93 / 1~~ 30	834
10.6 / 10	1.09 / 1	
/	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): NA	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
217 / 220	26.77	222	834
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
short sampling day	

JO Vernoorde 6/27/07
SIGNED DATE

JO Vernoorde 7/26/07
CHECKED BY DATE

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: YSI 556 MPS	SAMPLER: EV/JO
PROJECT NO.: 6527.24	SERIAL #: GRR	DATE: 6/27/07

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 2608027	PH 4 / 10 (LOT NUMBER): 26025597	TIME
7.03 / 7.00	4.04 / 4.00	0822
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2604155	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1265 / 1413	26.20	1413	0825
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
10.19	0819

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #): NA	TIME
5 / 10	48 / 100	0824
482 / 1500	/	
/	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 00600819	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
220.1 / 218	26.80	218	0820
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
	short sampling day

[signature] 6/27/07
SIGNED DATE

[signature] 7/26/07
CHECKED BY DATE

REVISED 07/2005

RMT

WATER LEVEL DATA

PROJECT NAME:	L. E. Carpenter	DATE:	6/25/07
PROJECT NUMBER:	6527.24	AUTHOR:	EV/JO

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-19	1719		9.76			
MW-19-1	1718		9.53			
MW-19-2	1715		10.13			
MW-19-3	1716		10.46			
MW-19-4	1717		9.16			
MW-19-5	1720		9.50			
MW-19-6	1713		9.74			
MW-19-7	1723		8.95			
MW-19-~~12~~	1731		8.63			
MW-19-9D	1714		9.53			
MW-19-10	1611		Broke (NM)			
MW-19-11	~~1728~~ 1611		~~Broke (NM)~~	7.77		
MW-19-~~12~~ 8	1734		9.32			
GEI-2I	1721		11.21			
GEI-2S	1721		10.95			
GEI-3I	1330		13.33			
MW-15S	1804		10.98			
MW-15I	1806		10.90			
MW-18S	1824		dry	5.83		
MW-18I	1823		5.14			
MW-17S	1836		8.93			
MW-12R	1840		8.49			
MW-9	1841		4.55			
MW-8	1842		3.45			
MW-25R	1434		~~2.32~~ 3.02	9.75		
MW-21	1456		3.78			
MW-27S	1325		9.63	13.04		
MW-28S	1844		6.42	17.63	(Solid)	

MW-28I	1845		6.25	22.81	(solid)	
MW-29S	1850		8.05	14.58	(solid)	
MW-30S	1856		3.69			
MW-30I	1856		3.53	18.09		
MW-30D	1855		3.56	27.12		
SW-D-1	1305		2.06			
SW-D-2	1252		2.30			
SW-D-3	1244		1.89			
SW-R-1	1458		2.87			
SW-R-2	1507		Dry			
Dup.d SW-R-3	1520		2.75			
SW-R-4	1528		2.75			
SW-R-5	1333		1.89			
SW-R-6	1547		NM (Dry)			
SW-D-4	1410		1.25			
DRC-12	1448		2.49			
SG-R2	1838		3.11			
MW-13S	1310		5.95			
MW-13I	1311		5.30			
MW-13S (R)	1312		5.26			
SW-D-5	1441		3.25			

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

E. [signature] 6/25/07 — SIGNED — DATE

[signature] 7/26/07 — CHECKED — DATE

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: [illegible]	DATE: 7/26/07

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: 1242	DATE: 6/25/07
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: NM SU	CONDUCTIVITY: NM umhos/cm	
			ORP: NM mv	DO: NM mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NM NTU		
DEPTH TO BOTTOM T/ PVC			☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: NA ☐ LITERS ☐ GALLONS			TEMPERATURE: NM °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR: CLR	ODOR: None	
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
~~5~~ 2	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	1 L	PLASTIC	A	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/26/07	AIRBILL NUMBER: NA
COC NUMBER: 1 of 2	SIGNATURE: [illegible]	DATE SIGNED: 6/25/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: JO	DATE: 7/26/07

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

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

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1252	DATE: 6/25/07
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: NM SU	CONDUCTIVITY: NM umhos/cm	
			ORP: NM mv	DO: NM mg/L	
DEPTH TO WATER: ____ TOC PVC			TURBIDITY: NM NTU		
DEPTH TO BOTTOM NA TOC PVC			☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ____ ☐ LITERS ☐ GALLONS			TEMPERATURE: NM °C	OTHER:	
VOLUME REMOVED: ____ ☐ LITERS ☐ GALLONS			COLOR: Clr/Flowder	ODOR: None	
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
~~1~~ 2	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 6/25/07	AIRBILL NUMBER: NA
COC NUMBER: 1 of 2	SIGNATURE: [signature]	DATE SIGNED: 6/25/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: JO	DATE: 7/26/07

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: 1305	DATE: 6/25/07
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM NA T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: NA C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

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

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

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

BOTTLES FILLED

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

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

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/26/07	AIRBILL NUMBER: NA
COC NUMBER: 1 of 2	SIGNATURE: [signature]	DATE SIGNED: 6/25/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: JO	DATE: 7/26/07

SAMPLE ID: SW-2-S

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

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

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1335	DATE: 6/25/07
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER:	TOC PVC		TURBIDITY: NTU		
DEPTH TO BOTTOM	TOC PVC		☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY		
WELL VOLUME:	☐ LITERS ☐ GALLONS		TEMPERATURE: °C	OTHER:	
VOLUME REMOVED:	☐ LITERS ☐ GALLONS		COLOR:	ODOR:	
COLOR:	ODOR:		FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

NA

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

NA

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

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

BOTTLES FILLED

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
~~8~~ 2	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/25/07	AIRBILL NUMBER: NA
COC NUMBER: 2 of 2	SIGNATURE: Overmoorde	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: JO	DATE: 7/26/07

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

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

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1410	DATE: 6/25/07
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: NA T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: 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
x2 ~~1~~ 2	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N x2
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/25/07	AIRBILL NUMBER: NA
COC NUMBER: 1 of 2	SIGNATURE: [illegible]	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: JO	DATE: 7/26/07

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: 1441	DATE: 6/25/07
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

NA

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

NA

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

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

BOTTLES FILLED

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

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

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/25/07	AIRBILL NUMBER: NA
COC NUMBER: 1 of 2	SIGNATURE: [illegible]	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: JO	DATE: 7/26/07

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

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

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1448	DATE: 6/25/07
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER:	T/ PVC		TURBIDITY: NTU		
DEPTH TO BOTTOM	T/ PVC		☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME:	☐ LITERS ☐ GALLONS		TEMPERATURE: °C	OTHER:	
VOLUME REMOVED:	☐ LITERS ☐ GALLONS		COLOR:	ODOR:	
COLOR:	ODOR:		FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

NA

NA

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

NA

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

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

BOTTLES FILLED

PRESERVATIVE CODES

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

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

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/25/07	AIRBILL NUMBER: NA
COC NUMBER: 1 of 2	SIGNATURE: J Overwoode	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: JO	DATE: 7/26/07

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: 1458	DATE: 6/25/07
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:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

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

NA

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

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

BOTTLES FILLED

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

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

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/25/07	AIRBILL NUMBER: NA
COC NUMBER: 1 of 2	SIGNATURE: [illegible]	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME:	L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER:	6527.24	BY: EV/JO	DATE: 6/25/07	BY: [illegible]	DATE: 7/26/07

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: 1507	DATE: 6/25/07
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:	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~~ 2	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD:	Fed Ex	DATE SHIPPED:	6/25/07	AIRBILL NUMBER:	NA
COC NUMBER:	1 of 2	SIGNATURE:	[illegible]	DATE SIGNED:	6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: [illegible]	DATE: 7/26/07

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: 1520	DATE: 6/25/07
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:	FILTRATE ODOR:	
☐ 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
x2 ~~1~~ 2	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N x2
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/25/07	AIRBILL NUMBER: NA
COC NUMBER: 1 of 2	SIGNATURE: [illegible]	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: [illegible]	DATE: 7/26/07

SAMPLE ID: SW-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: 1528	DATE: 6/25/07
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: NA T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM T/ PVC			☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: NA °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

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

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

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

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

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

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/25/07	AIRBILL NUMBER: NA
COC NUMBER: 2 of 2	SIGNATURE: [illegible]	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: JO	DATE: 7/26/07

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

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

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1547	DATE: 6/25/07
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: NA T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME:	☐ LITERS ☐ GALLONS		TEMPERATURE: 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~~ 2	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	~~☐ Y ☑ N~~	~~1~~		~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	~~☐ Y ☑ N~~	~~1~~	~~500mL~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/25/07	AIRBILL NUMBER: NA
COC NUMBER: 2 of 2	SIGNATURE: J Overmoorde	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: JD	DATE: 7/26/07

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

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

NA

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

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

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

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

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/25/07	AIRBILL NUMBER: NA
COC NUMBER: 2 of 2	SIGNATURE: Overnoorde	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/26/07	BY: JD	DATE: 7/26/07

SAMPLE ID: MW-19-12 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: 1057	DATE: 6/26/07	SAMPLE	TIME: 1122	DATE: 6/26/07
PURGE METHOD: [X] PUMP QED Portable Bldr [ ] BAILER			PH: 7.24 SU	CONDUCTIVITY: 473 umhos/cm	
			ORP: 137 mv	DO: 2.0 mg/L	
DEPTH TO WATER: 8.69 T/ ~~PVC~~ SS			TURBIDITY: 5.0 NTU		
DEPTH TO BOTTOM NM T/ ~~PVC~~ SS			[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: NA [X] LITERS [ ] GALLONS			TEMPERATURE: 18.56 °C	OTHER:	
VOLUME REMOVED: 10 [X] LITERS [ ] GALLONS			COLOR: clear	ODOR: none	
COLOR: dk tan	ODOR: none		FILTRATE (0.45 um) [ ] YES [X] NO		
TURBIDITY: cloudy			FILTRATE COLOR:	FILTRATE ODOR:	
[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [X] DUP- 03		
DISPOSAL METHOD [ ] GROUND [X] DRUM [X] OTHER poly			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)
1057	400	7.07	478	168	2.0	51.6	18.62	8.69	INITIAL
1102		7.12	476	160	2.0	36.9	18.63	8.70	2
1107		7.24	475	152	2.0	21.2	18.64	8.70	4
1112		7.28	475	145	2.0	11.7	18.55	8.72	6
1117		7.26	475	139	2.0	8.3	18.53	8.73	8
1122		7.24	473	137	2.0	5.0	18.56	8.73	10
			Ferrous: 0 ppm		T. Alk: 110 ppm				
			CO_2: 11 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
x2 ~~3~~ 2	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	A	[ ] Y [✓] N x2
x2 2	40 mL	VOA	A	[ ] Y [✓] N	2	~~1 L~~ 500 mL	PLASTIC	A	[ ] Y [✓] N x2
x2 1	~~1~~ 100 mL	~~VOA~~ pl	Plate count	[ ] Y [✓] N	1	1 L	PLASTIC	A	[ ] Y [✓] N x2
x2 ~~1~~ 1	~~1 L~~ ~~250 mL~~	~~GLASS~~ pl	C	[ ] Y [✓] N	2	~~500 mL~~ ~~125 mL~~	PLASTIC	A	[ ] Y [X] N x2

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/26/07	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: J Overwoode	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/26/07	BY: JD	DATE: 7/26/07

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: 1402	DATE: 6/26/07	SAMPLE	TIME: 1432	DATE: 6/26/07
PURGE METHOD:	☒ PUMP QED Portable Bldr		PH: 6.74 SU	CONDUCTIVITY: 1800 umhos/cm	
	☐ BAILER		ORP: -1 mv	DO: 0.8 mg/L	
DEPTH TO WATER: 9.25 T/ PVC			TURBIDITY: 7.8 NTU		
DEPTH TO BOTTOM 16.04 T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 4.40 ☒ LITERS ☐ GALLONS			TEMPERATURE: 14.59 °C	OTHER:	
VOLUME REMOVED: 12 ☒ LITERS ☐ GALLONS			COLOR: clear	ODOR: none	
COLOR: clear	ODOR: none		FILTRATE (0.45 um) ☐ YES ☒ NO		
TURBIDITY: clear			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☒ OTHER plant			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)
1402	400	6.87	1870	57	1.0	22.0	14.88	9.25	INITIAL
1407	↓	6.78	1820	46	1.0	19.1	14.74	9.25	2
1412		6.74	1800	31	0.8	13.3	14.60	9.28	4
1417		6.74	1800	13	0.8	11.8	14.60	9.32	6
1422		6.74	1790	6	0.8	11.1	14.59	9.40	8
1427		6.73	1790	1	0.8	9.1	14.59	9.41	10
1432	↓	6.74	1800	-1	0.8	7.8	14.59	9.41	12
		Ferrous: 0.1 ppm			CO_2: 16 ppm		T. Alk: 75		

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

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

BOTTLES FILLED

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
~~1~~ 2	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
~~1~~ 2	40 mL	VOA	A	☐ Y ☑ N	2	~~500 mL~~ 1 L	PLASTIC	A	☐ Y ☑ N
1	100 mL	~~VOA~~ pl	plate count	☐ Y ☑ N	1	1L	PLASTIC	A	☐ Y ☑ N
~~1~~ 1	~~1 L~~	~~GLASS~~ pl	C	☐ Y ☑ N	2	~~500mL~~ 125	PLASTIC	A	☐ Y ☑ N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/26/07	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: J Drennan	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/26/07	BY: [illegible]	DATE: 7/26/07

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

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

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

PURGING	TIME: 1520	DATE: 6/26/07	SAMPLE	TIME: 1555	DATE: 6/26/07
PURGE METHOD:	[X] PUMP QED Ded. Bldr / [ ] BAILER		PH: 6.69 SU	CONDUCTIVITY: 2720 umhos/cm	
			ORP: -35 mv	DO: 1.0 mg/L	
DEPTH TO WATER: 9.74 T/ ~~PVC~~ SS			TURBIDITY: 5.6 NTU		
DEPTH TO BOTTOM 19.59 T/ ~~PVC~~ SS			[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 6.36 [X] LITERS [ ] GALLONS			TEMPERATURE: 14.36 °C	OTHER:	
VOLUME REMOVED: 14 [X] LITERS [ ] GALLONS			COLOR: clear	ODOR: none	
COLOR: orange/tan ODOR: none			FILTRATE (0.45 um) [ ] YES [X] NO		
TURBIDITY: Cloudy			FILTRATE COLOR:	FILTRATE ODOR:	
[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD [ ] GROUND [ ] DRUM [X] OTHER poly			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)
1520	400	6.67	1760	-18	3.0	763	28.73	9.74	INITIAL
1525		6.67	2630	-17	3.0	369	21.22	9.74	2
1530		6.67	3120	-17	2.0	143	15.01	9.74	4
1535		6.65	2920	-24	2.0	78.2	14.40	9.74	6
1540		6.67	2790	-30	1.0	12.6	14.60	9.74	8
1545		6.67	2760	-32	1.0	9.1	14.37	9.74	10
1550		6.69	2730	-33	1.0	6.6	14.30	9.74	12
1555		6.69	2720	-35	1.0	5.6	14.36	9.74	14
	CO_2: 50 ppm		T. Alk: 140 ppm				Ferrous: 0.1 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
~~1~~ 2	40 mL	VOA	E	[ ] Y [X] N	2	1 L	AMBER	A	[ ] Y [X] N
~~1~~ 2	40 mL	VOA	A	[ ] Y [X] N	2	~~500~~ 1 L pl	PLASTIC	A	[ ] Y [X] N
1	~~100~~ mL	~~VOA~~ pl	plastic count	[ ] Y [X] N	1	1L	PLASTIC	A	[ ] Y [X] N
~~3~~ 1	~~500~~ 1 L pl	~~GLASS~~ pl	C	[ ] Y [X] N	12	~~250~~ 500mL	PLASTIC	A	[ ] Y [X] N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/26/07	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: Overwoode	DATE SIGNED: 6/26/07

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/27/07	BY: dD	DATE: 7/26/07

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: 842	DATE: 6/27/07	SAMPLE	TIME: 907	DATE: 6/27/07
PURGE METHOD: [X] PUMP QED Bladder; [ ] BAILER			PH: 6.98 SU	CONDUCTIVITY: 1397 umhos/cm	
			ORP: 36 mv	DO: 0.0 mg/L	
DEPTH TO WATER: 9.02 T/ ~~PVC~~ SS			TURBIDITY: 4.5 NTU		
DEPTH TO BOTTOM 20.24 T/ ~~PVC~~ SS			[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 7.27 [X] LITERS [ ] GALLONS			TEMPERATURE: 15.68 °C	OTHER:	
VOLUME REMOVED: 10 [X] LITERS [ ] GALLONS			COLOR: clear	ODOR: none	
COLOR: clear	ODOR: none		FILTRATE (0.45 um) [ ] YES [X] NO		
TURBIDITY: floaties			FILTRATE COLOR:	FILTRATE ODOR:	
[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD [ ] GROUND [ ] DRUM [X] OTHER poly			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)
842	400	6.92	1393	148	1.0	33.7	15.37	8.99	INITIAL
847		6.94	1388	133	0.8	25.9	15.67	8.99	2
852		6.97	1386	115	0.6	20.6	15.51	9.00	4
857		6.95	1390	67	0.4	10.2	15.67	9.01	6
902		6.96	1391	57	0.1	7.65	15.60	9.02	8
907		6.98	1397	36	0.0	4.5	15.68	9.02	10
		CO_2: 38 ppm		Ferrous: 2.0 ppm		T. Alk: 100 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~~ 2	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	A	[ ] Y [✓] N
~~1~~ 2	40 mL	VOA	A	[ ] Y [✓] N	2	~~500 mL~~ ~~1 L~~	PLASTIC	A	[ ] Y [✓] N
1	100 mL	~~VOA~~ plate count		[ ] Y [✓] N	1	1L	PLASTIC	A	[ ] Y [✓] N
~~2~~ 1	~~250 mL~~ 1L	~~GLASS~~ P	C	[ ] Y [✓] N	~~1~~ 2	~~500 mL~~ 1L	PLASTIC	A	[✓] Y [X] N

SHIPPING METHOD: FedEx	DATE SHIPPED: 6/27/07	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 6/27/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/27/07	BY: JO	DATE: 7/26/07

SAMPLE ID: MW-19-5 WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

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

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

PURGING	TIME: 955	DATE: 6/27/07	SAMPLE	TIME: 1035	DATE: 6/27/07
PURGE METHOD:	[X] PUMP QED Port. Bldr		PH: 7.04 SU	CONDUCTIVITY: 539 umhos/cm	
	[ ] BAILER		ORP: -36 mv	DO: 0 mg/L	
DEPTH TO WATER: 9.62 T/ ~~PVC~~ SS			TURBIDITY: 6.8 NTU		
DEPTH TO BOTTOM 15.42 T/ ~~PVC~~ SS			[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 3.76 [X] LITERS [ ] GALLONS			TEMPERATURE: 14.00 °C	OTHER:	
VOLUME REMOVED: 16 [X] LITERS [ ] GALLONS			COLOR: clear/gray	ODOR: Slight	
COLOR: gray brown	ODOR: slight		FILTRATE (0.45 um) [ ] YES [X] NO		
TURBIDITY: cloudy			FILTRATE COLOR:	FILTRATE ODOR:	
[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD [ ] GROUND [ ] DRUM [X] OTHER poly			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)
955	400	6.99	332	-23	0.8	221	14.86	9.62	INITIAL
1000	↓	7.16	393	-24	0.2	79	14.41	9.65	2
1005		7.14	434	-25	0.0	38	14.25	9.65	4
1010		7.07	462	-29	0.0	12	14.05	9.69	6
1015		7.06	479	-29	0.0	10.5	14.14	9.69	8
1020		7.07	511	-33	0.0	8.2	14.04	9.72	10
1025	↓	7.03	523	-33	0.0	6.4	30 ~~13.83~~	14.03 9.72	12
1030	↓	7.04	531	-34	0.0	6.6	14.06	9.75	14
1035	↓	7.04	539	-36	0.0	6.8	14.00	9.76	16

Ferrous: > 20 ppm

T. Alk: 190 ppm

CO_2: 70 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
~~1~~ 2	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	A	[ ] Y [✓] N
~~1~~ 2	40 mL	VOA	A	[ ] Y [✓] N	2	500 ~~1 L~~ mL	PLASTIC	A	[ ] Y [✓] N
1	100 mL	~~VOA~~ pl	plate count	[ ] Y [✓] N	1	1L	PLASTIC	A	[ ] Y [✓] N
~~2~~ 1	250 ~~1 L~~ mL	~~GLASS~~ pl	C	[ ] Y [✓] N	~~1~~ 2	125 ~~500~~ mL	PLASTIC	A	~~[✓] Y~~ [X] N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/27/07	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: J Overmoorde	DATE SIGNED: 6/27/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/27/07	BY: [illegible]	DATE: 7/26/07

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: 1128	DATE: 6/27/07	SAMPLE	TIME: 1203	DATE: 6/27/07
PURGE METHOD:	☒ PUMP QED Port. Bldr ☐ BAILER		PH: 6.69 SU	CONDUCTIVITY: 1640 umhos/cm	
			ORP: -56 mv	DO: 0.05 mg/L	
DEPTH TO WATER: 9.95 T/ ~~PVC~~ SS			TURBIDITY: 2.5 NTU		
DEPTH TO BOTTOM 16.60 T/ ~~PVC~~ SS			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 4.31 ☒ LITERS ☐ GALLONS			TEMPERATURE: 13.70 °C	OTHER:	
VOLUME REMOVED: 12 ☒ LITERS ☐ GALLONS			COLOR: clear / gray w/floaties	ODOR: none	
COLOR: clear	ODOR: slight		FILTRATE (0.45 um) ☐ YES ☒ NO		
TURBIDITY: floaties			FILTRATE COLOR:	FILTRATE ODOR:	
☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☒ OTHER poly			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)
1128	400	6.95	2080	-5	2.0	6.4	16.62	9.95	INITIAL
1133	↓	6.76	2050	-21	1.0	4.9	14.14	9.96	2
1138		6.66	1790	-24	0.2	4.6	13.50	9.98	4
1143		6.61	1720	-24	0.2	3.5	13.63	10.00	6
1148		6.60	1700	-33	0.2	3.0	13.70	10.01	8
1153		6.63	1680	-42	0.2	2.9	13.74	10.01	10
1158		6.66	1660	-50	0.1	2.8	13.77	10.03	12
1203		6.69	1640	-56	0.05	2.5	13.70	10.03	14
	Ferrous: 720 ppm		T. Alk: 100 ppm			CO2: 120 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~~ 2	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
~~1~~ 2	40 mL	VOA	A	☐ Y ☑ N	2	~~500~~ mL	PLASTIC	A	☐ Y ☑ N
1	100 mL	~~VOA~~	plate count	☐ Y ☑ N	1	1L	PLASTIC	A	☐ Y ☑ N
~~2~~ 1	~~500~~ mL	~~GLASS~~	C	☐ Y ☑ N	~~1~~ 2	~~1L~~ 500mL	PLASTIC	A	~~☑ Y~~ ☒ N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/27/07	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [illegible]	DATE SIGNED: 6/27/07

RMT

WATER SAMPLE LOG

PROJECT NAME:	L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER:	6527.24	BY: EV/JO	DATE: 6/27/07	BY: JO	DATE: 7/26/07

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: 1100	DATE: 6/27/07
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

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
2	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
2	40 mL	VOA	A	☐ Y ☑ N	2	500 mL	PLASTIC	A	☐ Y ☑ N
1	100 mL	VOA pl	plate count	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	250 mL	GLASS pl	C	☐ Y ☑ N	2	500 mL	PLASTIC	A	☑ Y ☒ N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/27/07	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 6/27/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/27/07	BY: 20	DATE: 7/26/07

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: 1445	DATE: 6/27/07
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: NA T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: 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					
						LEC Pump			

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
2	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
2	40 mL	VOA	A	☐ Y ☑ N	2	500 mL	PLASTIC	A	☐ Y ☑ N
1	100 mL	~~VOA~~ pH	C count	☐ Y ☑ N	1	1L	PLASTIC	A	☐ Y ☑ N
1	250 mL	~~GLASS~~ pH	C	☐ Y ☑ N	2	500mL	PLASTIC	A	☐ Y ☒ N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/27/07	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: J Overmoade	DATE SIGNED: 6/27/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/27/07	BY: [illegible]	DATE: 7/26/07

SAMPLE ID: 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: 1505	DATE: 6/27/07
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: NA TOC PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM TOC 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

GRM office pump

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~~ 2	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
~~1~~ 2	40 mL	VOA	A	☐ Y ☑ N	2	~~500 mL~~ 1 L	PLASTIC	A	☐ Y ☑ N
1	~~100~~ mL	~~VOA~~ pl	C plate count	☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
~~2~~ 1	~~250~~ mL	~~GLASS~~ pl	C	☐ Y ☑ N	~~1~~ 2	~~500~~ 1 L mL	PLASTIC	A	~~☑ Y~~ ☒ N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/27/07	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [illegible]	DATE SIGNED: 6/28/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/25/07	BY: JD	DATE: 7/26/07

SAMPLE ID: MW-27S

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

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

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

PURGING		SAMPLE	
TIME: 1800	DATE: 6/25/07	TIME: Very	DATE: Very
PURGE METHOD: [X] PUMP Bladder [ ] BAILER		PH: 7.09 SU	CONDUCTIVITY: 765 umhos/cm
		ORP: 105.6 mv	DO: 8.29 mg/L
DEPTH TO WATER: 9.63 T/ PVC		TURBIDITY: >1000 NTU	
DEPTH TO BOTTOM 13.04 T/ PVC		[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY	
WELL VOLUME: 2.21 [X] LITERS [ ] GALLONS		TEMPERATURE: 15.23 °C	OTHER:
VOLUME REMOVED: 6.0 [X] LITERS [ ] GALLONS		COLOR: Brn	ODOR: None
COLOR: brown	ODOR: none	FILTRATE (0.45 um) [ ] YES [X] NO	
TURBIDITY: very cloudy		FILTRATE COLOR: NA	FILTRATE ODOR: NA
[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY		QC SAMPLE: [ ] MS/MSD [ ] DUP-	
DISPOSAL METHOD [ ] GROUND [ ] DRUM [X] OTHER		COMMENTS:	

Sample 6/26/07 1625

6/27/07 0705

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)
1800	400	6.30	595	113.8	11.04	>1000	28.81	9.63	INITIAL
1805	↓	6.82	724	95.4	8.15	>1000	15.73	10.80	2.0
1810		7.08	989.50	104.5	5.90	>1000	14.84	top of pump	4.0
1813		going dry - limited water moving							~~6.0~~ 5.5
1814	↓	7.09	765	105.6	8.29	>1000	15.23	top of pump	~~8.0~~ 6.0

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
2	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	A	[ ] Y [✓] N
2	40 mL	VOA	A	[ ] Y [✓] N	2	~~500 mL~~	PLASTIC	A	[ ] Y [✓] N
1	100 mL	~~PL~~ VOA	Plate Count	[ ] Y [✓] N	1	1 L	PLASTIC	A	[ ] Y [✓] N
1	250mL	~~GLASS~~ PL	C	[ ] Y [✓] N	2	~~125~~ mL	PLASTIC	A	~~[✓]~~ Y [X] N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/26/07	AIRBILL NUMBER: NA
COC NUMBER: 3 of 4	SIGNATURE: [signature]	DATE SIGNED: 6/26/07

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/26/07	BY: [illegible]	DATE: 7/26/07

SAMPLE ID: HW-25 (R) 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: 0734	DATE: 6/26/07	SAMPLE	TIME: 0814	DATE: 6/26/07
PURGE METHOD: [X] PUMP Bladder [ ] BAILER			PH: 6.69 SU	CONDUCTIVITY: 453 umhos/cm	
			ORP: -65.8 mv	DO: 0.35 mg/L	
DEPTH TO WATER: 2.81 T/ PVC			TURBIDITY: 123 NTU		
DEPTH TO BOTTOM 9.75 T/ PVC			[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 4.5 [X] LITERS [ ] GALLONS			TEMPERATURE: 14.38 °C	OTHER:	
VOLUME REMOVED: 16.0 [X] LITERS [ ] GALLONS			COLOR: Cloudy	ODOR: None	
COLOR: Brn	ODOR: None		FILTRATE (0.45 um) [X] YES [X] NO		
TURBIDITY: >1000			FILTRATE COLOR: NA	FILTRATE ODOR: ~~None~~ NA	
[ ] NONE [ ] SLIGHT [X] MODERATE [X] VERY			QC SAMPLE: [ ] MS/MSD [X] DUP- 02		
DISPOSAL METHOD [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS: Ferrous = 3.5 ppm, CO_2 = 20 ppm, Alk = 40 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)
0734	400	6.04	407	115.0	6.86	>1000	17.05	2.81	INITIAL
0739		6.44	453	8.5	1.23	776	14.91	3.55	2.0
0744		6.58	456	-32	0.73	287	15.06	3.92	4.0
0749		6.64	456	-47	0.58	96	14.96	3.92	6.0
0754		6.68	454	-59.7	0.47	79	14.81	4.01	8.0
0759		6.71	454	-66.9	0.41	66	14.27	4.12	10.0
0804		6.70	454	-66.3	0.40	115	14.56	4.25	12.0
0809		6.70	453	-65.7	0.37	121	14.46	4.41	14.0
0814		6.69	453	-65.8	0.35	123	14.38	4.53	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
4 ~~6~~	40 mL	VOA	E	[ ] Y [X] N	4 ~~2~~	1 L	AMBER	A	[ ] Y [X] N
4 ~~1~~	40 mL	VOA	A	[ ] Y [X] N	4 ~~2~~	500mL	PLASTIC	A	[ ] Y [X] N
2	100 mL	~~PLA~~	Plate Count	[ ] Y [X] N	2 ~~1~~	1 L	PLASTIC	A	[ ] Y [X] N
8 ~~7~~	250mL	~~GLASS~~ PE	C	[ ] Y [X] N	2 ~~1~~	~~500mL~~ 125mL	PLASTIC	A	[X] Y [X] N

SHIPPING METHOD: FedEx	DATE SHIPPED: 6/26/07	AIRBILL NUMBER: NA
COC NUMBER: 1/2 of 4	SIGNATURE: [signature]	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/26/07	BY: [illegible]	DATE: 7/26/07

SAMPLE ID: MW-30 D — 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: 0925	DATE: 6/26/07	SAMPLE	TIME: 1030	DATE: 6/26/07
PURGE METHOD:	[X] PUMP Bladder		PH: 7.03 SU	CONDUCTIVITY: 340 umhos/cm	
	[ ] BAILER		ORP: -95.7 mv	DO: 0.38 mg/L	
DEPTH TO WATER: 3.51 T/ PVC			TURBIDITY: 69 NTU		
DEPTH TO BOTTOM 27.12 T/ PVC			[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 15.3 [X] LITERS [ ] GALLONS			TEMPERATURE: 14.51 °C	OTHER:	
VOLUME REMOVED: 26.0 [X] LITERS [ ] GALLONS			COLOR: Cloudy	ODOR: None	
COLOR: Brn/Org	ODOR: None		FILTRATE (0.45 um) [ ] YES [X] NO		
TURBIDITY: >1000			FILTRATE COLOR: NA	FILTRATE ODOR: NA	
[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0925	400	7.58	400	47.2	11.72	>1000	19.38	3.51	INITIAL
0930		6.93	351	-40.3	0.76	>1000	15.30	3.53	2.0
0935		6.93	345	-59.2	0.62	710	15.12	3.53	4.0
0940		6.91	342	-68.6	0.54	468	14.86	3.53	6.0
0945		6.92	342	-76.7	0.40	296	14.72	3.53	8.0
0950		6.92	341	-80.7	0.37	232	14.68	3.53	10.0
0955		6.96	340	-87.0	0.35	147	14.74	3.53	12.0
1000		6.98	338	-91.1	0.34	122	14.54	3.53	14.0
1005		6.98	341	-86.9	0.34	83	14.73	3.53	16.0
1010		6.98	339	-92.6	0.33	95	14.54	3.53	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
2	40 mL	VOA	E	[ ] Y [X] N	2	1 L	AMBER	A	[ ] Y [X] N
2	40 mL	VOA	A	[ ] Y [X] N	2	500mL	PLASTIC	A	[ ] Y [X] N
1	100 mL	~~PLVOA~~	Plate Count	[ ] Y [X] N	1	1L	PLASTIC	A	[ ] Y [X] N
1	250mL	GLASS	C	[ ] Y [X] N	1	125mL	PLASTIC	A	[X] Y [X] N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/26/07	AIRBILL NUMBER: NA
COC NUMBER: 1/2 of 4	SIGNATURE: [illegible]	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/26/07	BY: JO	DATE: 7/26/07

SAMPLE ID: MW-30 D

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)
1015	400	7.01	340	-95.2	0.50	92	14.71	3.53	20.0
1020		7.02	339	-96.4	0.41	77	14.54	3.53	22.0
1025		7.02	338	-95.4	0.44	75	14.42	3.53	24.0
1030		7.03	340	-95.7	0.38	69	14.51	3.53	26.0

Ferrous = 3.5 ppm
Alk = 115 ppm
CO_2 = ~~115~~ 12 ppm

SIGNATURE: [signature]

DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/26/07	BY: JO	DATE: 7/26/07

SAMPLE ID: MW-30 I

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

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

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

PURGING		SAMPLE	
TIME: 1110	DATE: 6/26/07	TIME: 1155	DATE: 6/26/07
PURGE METHOD: [X] PUMP Bladder; [ ] BAILER		PH: 6.99 SU	CONDUCTIVITY: 486 umhos/cm
		ORP: -146.8 mv	DO: 0.33 mg/L
DEPTH TO WATER: 3.58 T/ PVC		TURBIDITY: 41 NTU	
DEPTH TO BOTTOM 18.09 T/ PVC		[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY	
WELL VOLUME: 9.4 [X] LITERS [ ] GALLONS		TEMPERATURE: 15.23 °C	OTHER:
VOLUME REMOVED: 18.0 [X] LITERS [ ] GALLONS		COLOR: Cloudy	ODOR: None
COLOR: Cloudy	ODOR: None	FILTRATE (0.45 um) [ ] YES [X] NO	
TURBIDITY: 281		FILTRATE COLOR: NA	FILTRATE ODOR: NA
[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY		QC SAMPLE: [ ] MS/MSD [ ] DUP-	
DISPOSAL METHOD [ ] GROUND [ ] DRUM [X] OTHER		COMMENTS: Alk = 145 ppm, CO_2 = 25 ppm, 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)
1110	400	6.81	526	-74.3	5.49	281	17.68	3.58	INITIAL
1115		6.76	491	-105.1	4.69	225	15.48	3.58	2.0
1120		6.83	489	-114.6	4.58	152	15.37	3.58	4.0
1125		6.89	486	-125.8	3.90	114	15.05	3.58	6.0
1130		6.91	487	-128.7	3.37	70	15.19	3.58	8.0
1135		6.95	488	-140.4	0.88	67	15.34	3.58	10.0
1140		6.98	486	-144.5	0.54	58	15.37	3.58	12.0
1145		6.96	486	-145.5	0.53	40	15.26	3.58	14.0
1150		6.98	486	-146.7	0.41	35	15.21	3.58	16.0
1155		6.99	486	-146.8	0.33	41	15.23	3.58	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
2	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	A	[ ] Y [✓] N
2	40 mL	VOA	A	[ ] Y [✓] N	2	250mL	PLASTIC	A	[ ] Y [✓] N
1	100 mL	PLA	C	[ ] Y [✓] N	1	1L	PLASTIC	A	[ ] Y [✓] N
1	250mL	~~GLASS~~ PE	C	[ ] Y [✓] N	2	125mL	PLASTIC	A	[ ] Y [X] N

SHIPPING METHOD:	FedEx	DATE SHIPPED:	6/26/07	AIRBILL NUMBER:	NA
COC NUMBER:	1/2 of 4	SIGNATURE:	[signature]	DATE SIGNED:	6/26/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/26/07	BY: JD	DATE: 7/26/07

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

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

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

PURGING	TIME: 1404	DATE: 6/26/07	SAMPLE	TIME: 1509	DATE: 6/26/07
PURGE METHOD:	[X] PUMP Bladder / [ ] BAILER		PH: 6.99 SU	CONDUCTIVITY: 458 umhos/cm	
			ORP: -159.4 mv	DO: 0.34 mg/L	
DEPTH TO WATER: 3.65 T/ PVC			TURBIDITY: 213 NTU		
DEPTH TO BOTTOM NM T/ PVC			[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY		
WELL VOLUME: NA [X] LITERS [ ] GALLONS			TEMPERATURE: 18.55 °C	OTHER:	
VOLUME REMOVED: 26 [X] LITERS [ ] GALLONS			COLOR: Gray	ODOR: Slight	
COLOR: V. Dk Gray	ODOR: Slight		FILTRATE (0.45 um) [ ] YES [X] NO		
TURBIDITY: >1000			FILTRATE COLOR: NA	FILTRATE ODOR: NA	
[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY			QC SAMPLE: [X] MS/MSD	[ ] DUP-	
DISPOSAL METHOD [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS: Screen 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)
1404	400	6.03	487	12.6	10.23	>1000	25.19	3.65	INITIAL
1409		6.53	466	-129.5	1.23	243	19.58	3.73	2.0
1414		6.73	464	-141.9	0.70	230	18.97	3.78	4.0
1419		6.85	465	-152.9	0.53	611	18.88	3.79	6.0
1424		6.86	461	-151.8	0.47	702	18.62	3.81	8.0
1429		6.93	462	-150.5	0.39	612	18.89	3.78	10.0
1434		7.01	464	-154.2	0.31	477	18.98	3.78	12.0
1439		6.97	463	-155.1	0.35	320	18.83	3.78	14.0
1444		6.98	457	-155.2	0.33	260	18.42	3.78	16.0
1449		7.01	462	-156.9	0.32	242	18.93	3.78	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
2	40 mL	VOA	E	[ ] Y [X] N	2	1 L	AMBER	A	[ ] Y [X] N
2	40 mL	VOA	A	[ ] Y [X] N	2	500mL	PLASTIC	A	[ ] Y [X] N
1	100mL	~~PL~~ VOA	Plate Count	[ ] Y [X] N	1	5L	PLASTIC	A	[ ] Y [X] N
1	250mL	~~GLASS~~ PL	C	[ ] Y [X] N	2	1265mL	PLASTIC	A	[ ] Y [X] N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/26/07	AIRBILL NUMBER: NA
COC NUMBER: 1/2 of 4	SIGNATURE: [signature]	DATE SIGNED: 6/26/07

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME:	L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER:	6527.24	BY: EV/JO	DATE: 6/26/07	BY: JO	DATE: 7/26/07

SAMPLE ID: HW-30S

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1454	400	7.02	464	-158.5	0.31	223	19.02	3.78	20.0
1459	|	7.01	460	-158.6	0.31	186	18.57	3.78	22.0
1504	|	6.97	456	-157.4	0.32	219	18.40	3.78	24.0
1509	|	6.99	458	-159.4	0.34	213	18.55	3.78	26.0

Ferrous = >20 ppm
Alk = 225 ppm
CO_2 = 40 ppm

SIGNATURE: E. Vail

DATE SIGNED: 6/26/07

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/27/07	BY: SD	DATE: 7/26/07

SAMPLE ID: HW-28 I

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

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

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

PURGING	TIME: 0835	DATE: 6/27/07	SAMPLE	TIME: 0935	DATE: 6/27/07
PURGE METHOD:	[X] PUMP Bladder		PH: 7.07 SU	CONDUCTIVITY: 507 umhos/cm	
	[ ] BAILER		ORP: -70 mv	DO: 0.18 mg/L	
DEPTH TO WATER: 6.33 T/ PVC			TURBIDITY: 17 NTU		
DEPTH TO BOTTOM 22.81 T/ PVC			[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 10.68 [X] LITERS [ ] GALLONS			TEMPERATURE: 14.90 °C	OTHER:	
VOLUME REMOVED: 24.0 [X] LITERS [ ] GALLONS			COLOR: Clr	ODOR: None	
COLOR: light Brn	ODOR: None		FILTRATE (0.45 um) [ ] YES [X] NO		
TURBIDITY: 210			FILTRATE COLOR: NA	FILTRATE ODOR: NA	
[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0835	400	5.78	323	7.7	12.36	210	19.79	6.33	INITIAL
0840		6.41	524	-113.1	0.68	197	15.15	6.33	2.0
0845		6.62	518	-138.5	0.46	138	14.79	6.33	4.0
0850		6.74	514	-149.5	0.37	79	14.76	6.33	6.0
0855		6.81	510	-153.1	0.35	81	14.79	6.33	8.0
0900		6.87	511	-157.7	0.27	89	14.90	6.33	10.0
0905		6.92	508	-159.9	0.24	62	14.82	6.33	12.0
0910		6.96	505	-164.0	0.22	47	14.73	6.33	14.0
0915		6.98	507	-165.0	0.20	41	14.87	6.33	16.0
0920		7.00	507	-167.3	0.18	24	14.84	6.33	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
2	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	A	[ ] Y [✓] N
2	40 mL	VOA	A	[ ] Y [✓] N	2	500mL	PLASTIC	A	[ ] Y [✓] N
1	100mL	~~VOA~~ PL	Plate Count	[ ] Y [✓] N	1	1 L	PLASTIC	A	[ ] Y [✓] N
1	250mL	~~GLASS~~ PL	C	[ ] Y [✓] N	2	125mL	PLASTIC	A	[✓] Y [X] N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/27/07	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: E. Vail	DATE SIGNED: 6/27/07

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/27/07	BY: JO	DATE: 7/26/07

SAMPLE ID: 28 I

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)
0925	400	7.02	507	-167.1	0.18	17	14.86	6.33	20.0
0930	|	7.04	507	-167.6	0.18	18	14.87	6.33	22.0
0935	|	7.07	507	-170.0	0.18	17	14.90	6.33	24.0

Ferrous = >20 ppm
Alk = 145 ppm
CO_2 = 24 ppm

SIGNATURE: [signature]

DATE SIGNED: 6/27/07

REVISED 07/2005

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/27/07	BY: JO	DATE: 7/26/07

SAMPLE ID: MW-28S — WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

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

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

PURGING	TIME: 1003	DATE: 6/27/07	SAMPLE	TIME: 1033	DATE: 6/27/07

PURGE METHOD: [X] PUMP Bladder [ ] BAILER

DEPTH TO WATER: 6.49 T/ PVC

DEPTH TO BOTTOM 17.63 T/ PVC

WELL VOLUME: 7.22 [X] LITERS [ ] GALLONS

VOLUME REMOVED: 12.0 [X] LITERS [ ] GALLONS

COLOR: Cloudy ODOR: V Slight

TURBIDITY: 57

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

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

PH: 7.01 SU CONDUCTIVITY: 568 umhos/cm

ORP: -138.3 mv DO: 0.48 mg/L

TURBIDITY: 36 NTU

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

TEMPERATURE: 15.36 °C OTHER:

COLOR: Cloudy ODOR: None

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

FILTRATE COLOR: NA FILTRATE ODOR: NA

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

COMMENTS: Alk ~ 180 ppm, Ferrous = 720ppm CO_2 = 33

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)
1003	400	7.12	379	-82.7	11.39	57	20.48	6.49	INITIAL
1008		6.78	568	-130.8	2.28	97	15.79	6.51	2.0
1013		6.87	569	-143.8	1.33	83	15.49	6.51	4.0
1018		6.94	570	-149.5	1.12	54	15.56	6.51	6.0
1023		6.96	569	-142.5	0.54	35	15.43	6.51	8.0
1028		7.00	569	-143.2	0.56	38	15.42	6.51	10.0
1033		7.01	568	-138.3	0.48	36	15.36	6.51	12.0

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
2	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	A	[ ] Y [✓] N
2	40 mL	VOA	A	[ ] Y [✓] N	2	500mL	PLASTIC	A	[ ] Y [✓] N
1	100mL	~~VOA~~ PL	Plate Count	[ ] Y [✓] N	1	1L	PLASTIC	A	[ ] Y [✓] N
1	250mL	~~GLASS~~ PL	C	[ ] Y [✓] N	2	125mL	PLASTIC	A	[✓] Y [X] N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 6/27/07	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 6/27/07

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.24	BY: EV/JO	DATE: 6/27/07	BY: [illegible]	DATE: 7/26/07

SAMPLE ID: HW-29s — WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

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

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

PURGING	TIME: 1123	DATE: 6/27/07	SAMPLE	TIME: 1208	DATE: 6/27/07
PURGE METHOD:	[X] PUMP Bladder; [ ] BAILER		PH: 6.71 SU	CONDUCTIVITY: 766 umhos/cm	
			ORP: -113.8 mv	DO: 4.03 mg/L	
DEPTH TO WATER: 8.03 T/ PVC			TURBIDITY: 31 NTU		
DEPTH TO BOTTOM 14.58 T/ PVC			[ ] NONE [X] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 4.24 [X] LITERS [ ] GALLONS			TEMPERATURE: 18.48 °C	OTHER:	
VOLUME REMOVED: 18.0 [X] LITERS [ ] GALLONS			COLOR: Cloudy	ODOR: None	
COLOR: Light Brn	ODOR: None		FILTRATE (0.45 um) [ ] YES [X] NO		
TURBIDITY: 137			FILTRATE COLOR: NA	FILTRATE ODOR: NA	
[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD [ ] GROUND [ ] DRUM [X] OTHER			COMMENTS: Alk=225 ppm, CO_2=25 ppm, Ferrous = >10 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)
1123	400	6.57	820	-56.0	13.07	137	23.22	8.03	INITIAL
1128		6.59	772	-107.5	9.16	181	19.01	8.09	2.0
1133		6.65	800	-104.0	8.40	143	20.56	8.11	4.0
1138		6.68	771	-109.3	7.86	118	18.87	8.11	6.0
1143		6.69	766	-109.2	6.96	64	18.63	8.11	8.0
1148		6.70	765	-113.1	6.70	37	18.60	8.11	10.0
1153		6.71	765	-110.9	5.67	35	18.56	8.11	12.0
1158		6.72	766	-110.8	5.11	33	18.55	8.11	14.0
1203		6.71	765	-112.0	4.66	30	18.47	8.11	16.0
1208		6.71	766	-113.8	4.03	31	18.48	8.11	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
2	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	A	[ ] Y [✓] N
2	40 mL	VOA	A	[ ] Y [✓] N	2	500mL	PLASTIC	A	[ ] Y [✓] N
1	100mL	~~VOA~~ PL	Plate Count	[ ] Y [✓] N	1	1L	PLASTIC	A	[ ] Y [✓] N
1	250mL	~~GLASS~~ PL	C	[ ] Y [✓] N	2	125mL	PLASTIC	A	[ ] Y [X] N

SHIPPING METHOD: FedEx	DATE SHIPPED: 6/27/07	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 6/27/07

RMT
2025 E. Beltline Ave. SE
Ste. 402
Grand Rapids, MI 29546

Alternate Billing Information

Report to: Ms. Jennifer Overvoorde

Email to: Jennifer.overvoorde@rmtinc.com

Analysis/Container/Preservative

Chain of Custody
Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122

Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: L.E. Carpenter

City/Sate Collected: New Jersey

Phone: 616-975-5415
FAX: 616-975-1098

Client Project #: 6527.2~~5~~4

ESC Key: RMTGRMI-652725

Collected by: J. Overvoorde | E. Vincke

Site/Facility ID#:

P.O.#: 6527.24

Collected by (signature): J Overvoorde
E. Vincke

Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day. 200%
___ Next Day. 100%
___ Two Day 50%

Date Results Needed:
Email? __No ✓Yes
FAX? __No__Yes

CoCode RMTGRMI (lab use only)
Template/Prelogin T41527
Shipped Via: 6-20 MB

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Heterotrophic Plate Count	To Be Subbed out to Environmental Health Labs.						Remarks/Contaminant	Sample # (lab only)
MW-19	Grab	GW		6/27/07	1203	1	X								
MW-28I	Grab	GW			0935										
MW-19-5	Grab	GW			1035										
MW-29S	Grab	GW			1208										
MW-19-7	Grab	GW			0907										
ATM-01	Grab	GW			1100										
RB-02	Grab	GW			1445										
MW-27S	Grab	GW			0705										
MW-28S	Grab	GW			1033										
RB-03					1505										

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH _____ Temp _____

Flow _____ Other _____

Remarks:

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____		Condition: (lab use only)	
J Overvoorde	6/27/07	1545	Fed Ex				
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp:	Bottles Received:		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	pH Checked:	NCF:

SU of 59

RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Report to: Ms. Jennifer Overvoorde

Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter

City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098

Client Project #: 6527.24

Lab Project #: RMTGRMI-652725

Collected by (print): E. Vincke | J. Overvoorde

Site/Facility ID#: NJ

P.O.#:

Collected by (signature): J Overvoorde / E. Vincke

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No ___Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 2

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Acctnum: RMTGRMI (lab use only)
Template/Prelogin: T41528/ P213526
Cooler #: 6/20 AE
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Meth, Ethane, Ethene 40ml Amb-NoPres	NITRATE 125mlHDPE-NoPres	NITRITE 125mlHDPE-NoPres	NO2NO3,NH3,T. Phos 250mlHDPE-H2SO4	PBDICP 500mlHDPE-NoPres	SO4,TDS 500mlHDPE-NoPres	SV8270BN 1L-Amb-NoPres	TSS 1L-HDPE NoPres	Remarks/Contaminant	Sample # (lab only)
MW-19	Grab	GW		6/27/07	1203	12	X	X	X	X	X	X	X	X		
~~MW-19-4~~ MW-28I		GW			0935	12	X	X	X	X	X	X	X	X		
MW-19-5		GW			1035	12	X	X	X	X	X	X	X	X		
~~MW-19-6~~ MW-29S		GW			1208	12	X	X	X	X	X	X	X	X		
MW-19-7		GW			0907	12	X	X	X	X	X	X	X	X		
~~MW-19-12~~ ATM-01		GW			1100	12	X	X	X	X	X	X	X	X		
~~MW-25(R)~~ RB-02		GW			1445	12	X	X	X	X	X	X	X	X		
MW-27S		GW			0705	~~12~~ 5	~~X~~	X	X	X	X	~~X~~	X	~~X~~		
MW-28S RB-03		GW			1033	12	X	X	X	X	X	X	X	X		
~~RB~~ RB-03					1505	12	X	X	X	X	X	X	X	X		

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
J Overvoorde	6/27/07	1545	Fed Ex
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____

Temp: Bottles Received:

Date: Time:

Condition: (lab use only)

pH Checked: NCF:

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RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Chain of Custody
Page 1 of 2

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde
Email: jennifer.overvoorde@rmtinc.
Project Description: LE Carpenter
City/State Collected: Wharton, NJ
Phone: (616) 975-5415
FAX: (616) 975-1098
Client Project #: 6527.24
Lab Project #: RMTGRMI-652725
Collected by (print): J. Overvoorde | E. Vincke
Site/Facility ID#: NJ
P.O.#:
Collected by (signature): J Overvoorde / E Vincke
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed
Email? ___No ___Yes
FAX? ___No ___Yes

Acctnum: RMTGRMI (lab use only)
Template/Prelogin: T41528/P213526
Cooler #: 0/31 NE
Shipped Via: FedEx Ground

Analysis/Container/Preservative: V8260BTEXM 40mlAmb-HCl

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEXM 40mlAmb-HCl	Remarks/Contaminant	Sample # (lab only)
MW-19	Grab	GW		6/27/07	1203	12	X		
~~MW-19-4~~ MW-28I		GW			0935	12	X		
MW-19-5		GW			1035	12	X		
~~MW-19-6~~ MW-29S		GW			1208	12	X		
MW-19-7		GW			0907	12	X		
~~MW-19-12~~ ATM-01		GW			1100	12	X		
~~MW-25(R)~~ RB-02		GW			1445	12	X		
~~MW-27S~~ RB-03		GW			1505	12	X		
MW-28S		GW			1033	12	X		
~~EARB-03~~ TB-03					~~1505~~	1	X		

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____

pH _____ Temp _____
Flow _____ Other _____

Remarks:

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
J Overvoorde	6/27/07	1545	Fed Ex		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Bottles Received:	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	pH Checked: NCF:

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RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Chain of Custody
Page 2 of 4

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde
Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter
City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098

Client Project #: 6527.24
Lab Project #: RMTGRMI-652725

Collected by (print): J. Overvoorde / E. Vincke
Site/Facility ID#: NJ
P.O.#: 6527.24

Collected by (signature): J. Overvoorde / E. Vincke
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day.....100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: 2 wks
Email? ___No ✓Yes
FAX? ___No ___Yes

Acctnum: RMTGRMI (lab use only)
Template/Prelogin: T41528/ P213526
Cooler #: 6/30 AE
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Meth, Ethane, Ethene 40ml Amb-NoPres	NITRATE 125mlHDPE-NoPres	NITRITE 125mlHDPE-NoPres	NO2NO3,NH3,T. Phos 250mlHDPE-H2SO4	PBDICP 500mlHDPE-NoPres	SO4,TDS 500mlHDPE-NoPres	SV8270BN 1L-Amb-NoPres	TSS 1L-HDPE NoPres	Remarks/Contaminant	Sample # (lab only)
~~MW-28I~~ DUP-02	Grab	GW	NA	6/26/07	—	12	X	X	X	X	X	X	X	X		
~~MW-29S~~ DUP-03		GW			—	12	X	X	X	X	X	X	X	X		
MW-30S		GW			1509	12	X	X	X	X	X	X	X	X	MS/MSD	
MW-30I		GW			1155	12	X	X	X	X	X	X	X	X		
MW-30D		GW			1030	12	X	X	X	X	X	X	X	X		
MW-25(R)		GW			0814	12	X	X	X	X	X	X	X	X		
MW-19-12		GW			1122	12	X	X	X	X	X	X	X	X		
MW-19-4		GW			1432	12	X	X	X	X	X	X	X	X		
MW-19-6	Grab	GW	NA	6/26/07	1555	12	X	X	X	X	X	X	X	X		

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____
Flow _____ Other _____

Remarks: MW-30S has an MS/MSD
All lead samples need to be lab filtered.

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
E. Vincke	6/26/07	1823	FedEx		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Bottles Received:	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	pH Checked: NCF:

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RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Chain of Custody
Page 1 of 4

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde
Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter
City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098

Client Project #: 6527.24
Lab Project #: RMTGRMI-652725

Collected by (print): Jennifer Overvoorde / Eric Vincke
Site/Facility ID#: NJ
P.O.#: 6527.24

Collected by (signature): J Overvoorde / E. Vincke
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: 2 wks
Email? ___No ✓Yes
FAX? ___No ___Yes

Acctnum: RMTGRMI (lab use only)
Template/Prelogin: T41528/P213526
Cooler #: 0121 NE
Shipped Via: FedEX Ground

Analysis/Container/Preservative: V8260BTEXM 40mlAmb-HCl

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEXM 40mlAmb-HCl	Remarks/Contaminant	Sample # (lab only)
~~MW-28I~~ DUP-02	Grab	GW	NA	6/26/07	—	12	X		
~~MW-29S~~ DUP-03		GW			—	12	X		
MW-30S		GW			1509	12	X	MS/MSD	
MW-30I		GW			1155	12	X		
MW-30D		GW			1030	12	X		
MW-25(R)		GW			0814	12	X		
MW-19-12		GW			1122	12	X		
MW-19-4		GW			1432	12	X		
MW-19-6	Grab	GW	NA	6/26/07	1555	12	X		

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks: MW-30S has MS/MSD

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
E. Vincke	6/26/07	1823	Fed Ex		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Bottles Received:	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	pH Checked: NCF:

S4 of 5

RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Chain of Custody
Page 3 of 4

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde
Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter
City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098

Client Project #: 6527.24
Lab Project #: RMTGRMI-652725

Collected by (print): J. Overvoorde/E. Vinck
Site/Facility ID#: NJ
P.O.#: 6527.24

Collected by (signature): J. Overvoorde
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day.....100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: 2 wks
Email? ___No ✓Yes
FAX? ___No ___Yes

Acctnum: RMTGRMI (lab use only)
Template/Prelogin: T41528/ P213526
Cooler #: 6/01 AE
Shipped Via: FedEX Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Meth, Ethane, Ethene 40mlAmb-NoPres	NITRATE 125mlHDPE-NoPres	NITRITE 125mlHDPE-NoPres	NO2NO3,NH3,T. Phos 250mlHDPE-H2SO4	PBDICP 500mlHDPE-NoPres	SO4,TDS 500mlHDPE-NoPres	SV8270BN 1L-Amb-NoPres	TSS 1L-HDPE NoPres	Remarks/Contaminant	Sample # (lab only)
MW-27S	Grab	GW	NA	6/26/07	1625	~~7~~ 12	X	~~X~~	~~X~~	~~X~~	~~X~~	X	X	~~X~~		
TB-02	—	GW	—	—	—	~~1~~ 12	~~X~~	~~X~~	~~X~~	X	X	X	X	~~X~~		
		GW				12	X	X	X	X	X	X	X	X		
		GW				12	X	X	X	X	X	X	X	X		
		GW				12	X	X	X	X	X	X	X	X		

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks: MW-27S only SO4, TDS, SV8270BN, Meth, Ethane, Ethene

pH _____ Temp _____
Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐UPS ☒FedEx ☐Courier ☐	Condition: (lab use only)
E. Vinck	6/26/07	1823	FedEx		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Bottles Received:	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	pH Checked: NCF:

0054

RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Analysis/Container/Preservative

of Custody
Page 4 of 4

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde

Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter

City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098

Client Project #: 6527.24

Lab Project #: RMTGRMI-652725

Collected by (print): J. Overvoorde / E. Vincke

Site/Facility ID#: NJ

P.O.#: 6527.24

Collected by (signature): J Overvoorde

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: 2 wk

Email? ___No ✓Yes
FAX? ___No ___Yes

Acctnum: RMTGRMI (lab use only)
Template/Prelogin: T41528/ P213526
Cooler #:
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEXM 40mlAmb-HCl							Remarks/Contaminant	Sample # (lab only)
MW-27S	Grab	GW	NA	6/26/07	1625	7 ~~12~~	X								
TB-02	—	GW				1 ~~12~~	X								
		GW				12	X								
		GW				12	X								
		GW				12	X								

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Flow _____ Other _____

Remarks:

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
E. Vincke	6/26/07	1823	Fed Ex		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Bottles Received:	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	pH Checked: NCF:

RMT
2025 E. Beltline Ave. SE
Ste. 402
Grand Rapids, MI 29546

Alternate Billing Information

Report to: Ms. Jennifer Overvoorde

Email to: Jennifer.overvoorde@rmtinc.com

Chain of Custody
Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: L.E. Carpenter

City/Sate Collected: New Jersey

Phone: 616-975-5415
FAX: 616-975-1098

Client Project #: 6527.24

ESC Key: RMTGRMI-652725

Collected by: E. Vinck J. Overvoorde

Site/Facility ID#:

P.O.#: 6527.24

Collected by (signature): J. Overvoorde E. Vinck

Packed on Ice N Y

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:
Email? __No ✓Yes
FAX? __No__Yes

CoCode RMTGRMI (lab use only)
Template/Prelogin T41527
6-20 mp6
Shipped Via:

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Heterotrophic Plate Count	To Be Subbed out to Environmental Health Labs.						Remarks/Contaminant	Sample # (lab only)
DUP-02	Grab	GW	NA	6/26/07	—	1	X	X							
DUP-03	Grab	GW			—	1	X	X							
MW-30S	Grab	GW			1509	2	X	X						MS/MSD	
MW-30I	Grab	GW			1155	1	X	X							
MW-30D	Grab	GW			1030	1	X	X							
MW-25(R)	Grab	GW			0814	1	X	X							
MW-19-12	Grab	GW			1122	1	X	X							
MW-19-4	Grab	GW			1432	1	X	X							
MW-19-6	Grab	GW	NA	6/26/07	1555	1	X	X							

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
E. Vinck	6/26/07	1830	Fed Ex		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: / Bottles Received:	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: / Time:	pH Checked: / NCF:

57 of 57

RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Report to: Ms. Jennifer Overvoorde

Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter

City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098

Client Project #: 6527. 24

Lab Project #: RMTGRMI-652725

Collected by (print): Jennifer Overvoorde

Site/Facility ID#: NJ

P.O.#: 6527. 24

Collected by (signature): J Overvoorde

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day.....100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: 2 wks

Email? ___No ✓Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Page 1 of 2 of Custody

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Acctnum: RMTGRMI (lab use only)
Template/Prelogin: T44116/ P213535
Cooler #:
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	SV8270BN-DEHP IL-Amb-NoPres	V8260BTEX 40mlAmb-HCl						Remarks/Contaminant	Sample # (lab only)
SW-D-1	Grab	GW	NA	6/25/07	1305	4	X	X							
SW-D-2		GW			1252	4	X	X							
SW-D-3		GW			1242	4	X	X							
SW-D-4		GW			1410	4	X	X							
SW-D-5		GW		1441	~~1333~~	4	X	X						Time is 1441	
DRC-2		GW			1448	4	X	X							
SW-R-1		GW			1458	4	X	X							
SW-R-2		GW			1507	4	X	X							
SW-R-3	Grab	GW	NA	6/25/07	1520	4	X	X							

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
[signature]	6/25/07	1700	FedEx	Temp: Bottles Received:	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	pH Checked: NCF:

58 0757

RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Chain of Custody
Page 2 of 2

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde
Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter
City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098

Client Project #: 6527.24
Lab Project #: RMTGRMI-652725

Collected by (print): Jennifer Overvoorde
Site/Facility ID#: NJ
P.O.#: 6527.24

Collected by (signature): JOvervoorde
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: 2 wks
Email? ✓ No ___ Yes
FAX? ___ No ___ Yes

Acctnum: RMTGRMI (lab use only)
Template/Prelogin: T44116 P213535
Cooler #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	SV8270BN-DEHP 1L-Amb-NoPres	V8260BTEX 40mlAmb-HCl						Remarks/Contaminant	Sample # (lab only)
SW-R-4	Grab	GW	NA	6/25/07	~~1410~~ 1528	4	X	X							
SW-R-5	Grab	GW	NA	6/25/07	1335	4	X	X							
SW-R-6	Grab	GW		"	1547	4	X	X							
DUP-01	Grab	GW		"	—	4	X	X							
SW-D-4 MS/MSD	Grab	GW	NA	6/25/07	1410	4	X	X							
TB-01	—	GW	—	—	—	4	X	X							
RB-01	Grab	GW	NA	6/25/07	1605	4	X	X							

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
	6/25/07	1700	FedEx		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Bottles Received:	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	pH Checked: NCF:

5 of 6

Appendix D
2nd Quarter 2007
Laboratory Analytical Report

ENVIRONMENTAL
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Tax I.D. 62-0814289

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Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402

Grand Rapids, MI 49546

Report Summary

Tuesday July 03, 2007

Report Number: L299483
Samples Received: 06/26/07
Client Project: 6527.24

Description: LE Carpenter

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Terrie Judge for
Leslie Newton, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-01

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : SW-D-1

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 13:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/29/07	1
Toluene	BDL	5.0	ug/l	8260B	06/29/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/29/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/29/07	1
Surrogate Recovery						
Toluene-d8	97.7		% Rec.	8260B	06/29/07	1
Dibromofluoromethane	104.		% Rec.	8260B	06/29/07	1
4-Bromofluorobenzene	86.8		% Rec.	8260B	06/29/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/29/07	1
Surrogate Recovery						
Nitrobenzene-d5	54.5		% Rec.	8270C	06/29/07	1
2-Fluorobiphenyl	69.4		% Rec.	8270C	06/29/07	1
p-Terphenyl-d14	81.9		% Rec.	8270C	06/29/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-02

Site ID : NJ

Project # : 6527.24

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Sample ID : SW-D-2

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 12:52

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/29/07	1
Toluene	BDL	5.0	ug/l	8260B	06/29/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/29/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/29/07	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	06/29/07	1
Dibromofluoromethane	108.		% Rec.	8260B	06/29/07	1
4-Bromofluorobenzene	90.4		% Rec.	8260B	06/29/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/29/07	1
Surrogate Recovery						
Nitrobenzene-d5	54.4		% Rec.	8270C	06/29/07	1
2-Fluorobiphenyl	68.2		% Rec.	8270C	06/29/07	1
p-Terphenyl-d14	81.6		% Rec.	8270C	06/29/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-03

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : SW-D-3

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 12:42

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/29/07	1
Toluene	BDL	5.0	ug/l	8260B	06/29/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/29/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/29/07	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/29/07	1
Dibromofluoromethane	108.		% Rec.	8260B	06/29/07	1
4-Bromofluorobenzene	87.9		% Rec.	8260B	06/29/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/29/07	1
Surrogate Recovery						
Nitrobenzene-d5	50.5		% Rec.	8270C	06/29/07	1
2-Fluorobiphenyl	73.6		% Rec.	8270C	06/29/07	1
p-Terphenyl-d14	77.1		% Rec.	8270C	06/29/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-04

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : SW-D-4

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 14:10

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/29/07	1
Toluene	BDL	5.0	ug/l	8260B	06/29/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/29/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/29/07	1
Surrogate Recovery						
Toluene-d8	99.1		% Rec.	8260B	06/29/07	1
Dibromofluoromethane	107.		% Rec.	8260B	06/29/07	1
4-Bromofluorobenzene	89.0		% Rec.	8260B	06/29/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/30/07	1
Surrogate Recovery						
Nitrobenzene-d5	67.6		% Rec.	8270C	06/30/07	1
2-Fluorobiphenyl	70.9		% Rec.	8270C	06/30/07	1
p-Terphenyl-d14	72.6		% Rec.	8270C	06/30/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-05

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : SW-D-5

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 14:41

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/29/07	1
Toluene	BDL	5.0	ug/l	8260B	06/29/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/29/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/29/07	1
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	06/29/07	1
Dibromofluoromethane	109.		% Rec.	8260B	06/29/07	1
4-Bromofluorobenzene	89.9		% Rec.	8260B	06/29/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/28/07	1
Surrogate Recovery						
Nitrobenzene-d5	39.9		% Rec.	8270C	06/28/07	1
2-Fluorobiphenyl	37.0		% Rec.	8270C	06/28/07	1
p-Terphenyl-d14	62.9		% Rec.	8270C	06/28/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-06

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : DRC-2

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 14:48

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	109.		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	89.9		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	2.0	ug/l	8270C	06/29/07	2
Surrogate Recovery						
Nitrobenzene-d5	63.1		% Rec.	8270C	06/29/07	2
2-Fluorobiphenyl	65.0		% Rec.	8270C	06/29/07	2
p-Terphenyl-d14	80.5		% Rec.	8270C	06/29/07	2

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-07

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : SW-R-1

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 14:58

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	109.		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	87.2		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/29/07	1
Surrogate Recovery						
Nitrobenzene-d5	155.		% Rec.	8270C	06/29/07	1
2-Fluorobiphenyl	170.		% Rec.	8270C	06/29/07	1
p-Terphenyl-d14	211.		% Rec.	8270C	06/29/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-08

Site ID : NJ

Project # : 6527.24

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Sample ID : SW-R-2

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 15:07

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	110.		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	87.9		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/03/07	1
Surrogate Recovery						
Nitrobenzene-d5	80.1		% Rec.	8270C	07/03/07	1
2-Fluorobiphenyl	78.4		% Rec.	8270C	07/03/07	1
p-Terphenyl-d14	90.7		% Rec.	8270C	07/03/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-09

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : SW-R-3

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 15:20

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	110.		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	87.9		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	3.0	1.0	ug/l	8270C	06/29/07	1
Surrogate Recovery						
Nitrobenzene-d5	67.9		% Rec.	8270C	06/29/07	1
2-Fluorobiphenyl	71.4		% Rec.	8270C	06/29/07	1
p-Terphenyl-d14	108.		% Rec.	8270C	06/29/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-10

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : SW-R-4

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 14:10

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	109.		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	87.6		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/29/07	1
Surrogate Recovery						
Nitrobenzene-d5	81.3		% Rec.	8270C	06/29/07	1
2-Fluorobiphenyl	81.9		% Rec.	8270C	06/29/07	1
p-Terphenyl-d14	87.3		% Rec.	8270C	06/29/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-11

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : SW-R-5

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 13:35

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	108.		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	88.0		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/02/07	1
Surrogate Recovery						
Nitrobenzene-d5	73.8		% Rec.	8270C	07/02/07	1
2-Fluorobiphenyl	79.5		% Rec.	8270C	07/02/07	1
p-Terphenyl-d14	113.		% Rec.	8270C	07/02/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-12

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : SW-R-6

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 15:47

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	110.		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	87.9		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/29/07	1
Surrogate Recovery						
Nitrobenzene-d5	87.8		% Rec.	8270C	06/29/07	1
2-Fluorobiphenyl	83.5		% Rec.	8270C	06/29/07	1
p-Terphenyl-d14	110.		% Rec.	8270C	06/29/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-13

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : DUP-01

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	112.		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	88.7		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/29/07	1
Surrogate Recovery						
Nitrobenzene-d5	64.3		% Rec.	8270C	06/29/07	1
2-Fluorobiphenyl	72.9		% Rec.	8270C	06/29/07	1
p-Terphenyl-d14	85.0		% Rec.	8270C	06/29/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-14

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : TB-01

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/29/07	1
Toluene	BDL	5.0	ug/l	8260B	06/29/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/29/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/29/07	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	06/29/07	1
Dibromofluoromethane	109.		% Rec.	8260B	06/29/07	1
4-Bromofluorobenzene	88.4		% Rec.	8260B	06/29/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 03,2007

ESC Sample # : L299483-15

Date Received : June 26, 2007
Description : LE Carpenter - Surface Water

Site ID : NJ

Sample ID : RB-01

Project # : 6527.24

Collected By : Jennifer Overvoorde
Collection Date : 06/25/07 16:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	110.		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	87.8		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	8.7	1.0	ug/l	8270C	06/29/07	1
Surrogate Recovery						
Nitrobenzene-d5	79.9		% Rec.	8270C	06/29/07	1
2-Fluorobiphenyl	82.7		% Rec.	8270C	06/29/07	1
p-Terphenyl-d14	80.4		% Rec.	8270C	06/29/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L299483-04	Ethylbenzene	J6
L299483-05	2-Fluorobiphenyl	J2
L299483-07	Nitrobenzene-d5	J1
	2-Fluorobiphenyl	J1
	p-Terphenyl-d14	J1

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits				(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	68-128	64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115	69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127	61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody
Page 1 of 2

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde
Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter
City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098
Client Project #: 6527.24
Lab Project #: RMTGRMI-652725

Collected by (print): Jennifer Overvoorde
Site/Facility ID#: NJ
P.O.#: 6527.24

Collected by (signature): J Overvoorde
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: 2 wks
Email? __No ✓Yes
FAX? __No __Yes

Acctnum: RMTGRMI (lab use only)
Template/Prelogin: T44116/P213535
Cooler #:
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	SV8270BN-DEHP 1L-Amb-NoPres	V8260BTEX 40mlAmb-HCl						Remarks/Contaminant	Sample # (lab only)
SW-D-1	Grab	GW	NA	6/25/07	1305	4	X	X							[illegible]
SW-D-2		GW			1252	4	X	X							-02
SW-D-3		GW			1242	4	X	X							-03
SW-D-4		GW			1410	4	X	X							-04
SW-D-5		GW			1441 ~~1333~~	4	X	X						Time is 1441	-05
DRC-2		GW			1448	4	X	X							-06
SW-R-1		GW			1458	4	X	X							-07
SW-R-2		GW			1507	4	X	X							-08
SW-R-3	Grab	GW	NA	6/25/07	1520	4	X	X							-09

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Flow _____ Other _____

Remarks:

7199 3091 9659 7199 3091 9670 7199 3091 9681

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
[signature]	6/25/07	1700	FedEx 7199 3091 9660	Temp: 3.2°C Bottles Received: 60+ 1TB	ok
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 6.26.07 Time: 0900	pH Checked: NCF:

RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Chain of Custody
Page 2 of 2

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde
Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter
City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098
Client Project #: 6527.24
Lab Project #: RMTGRMI-652725

Collected by (print): Jennifer Overvoorde
Site/Facility ID#: NJ
P.O.#: 6527.24

Collected by (signature): J Overvoorde
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: 2 wks
Email? ✓ No ___ Yes
FAX? ___ No ___ Yes

Acctnum: RMTGRMI (lab use only)
Template/Prelogin: T44116/P213535
Cooler #:
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	SV8270BN-DEHP, IL-Amb-NoPres	V8260BTEX 40mlAmb-HCl						Remarks/Contaminant	Sample # (lab only)
SW-R-4	Grab	GW	NA	6/25/07	1410	4	X	X							L274235-10
SW-R-5	Grab	GW	NA	6/25/07	1335	4	X	X							-11
SW-R-6	Grab	GW	|	"	1547	4	X	X							-12
DUP-01	Grab	GW	|	"	—	4	X	X							-13
SW-D-4 MS/MSD	Grab	GW	NA	6/25/07	1410	4	X	X							-04
TB-01	—	GW	—	—	—	1	X	X							-14
RB-01	Grab	GW	NA	6/25/07	1605	4	X	X							-15

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
E. [illegible]	6/25/07	1700	FedEx	Temp: 3.2°C Bottles Received: 604 MB	ok
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: 6-26-07 Time: 0900	pH Checked: NCF:

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Est. 1970

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402

Grand Rapids, MI 49546

Report Summary

Monday July 09, 2007

Report Number: L299794
Samples Received: 06/28/07
Client Project: 6527.24

Description: LE Carpenter

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Leslie Newton
Leslie Newton, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 09,2007

Date Received : June 28, 2007
Description : LE Carpenter - Wells

Sample ID : MW-19

Collected By : Vincke-Overvoorde
Collection Date : 06/27/07 12:03

ESC Sample # : L299794-01

Site ID : NJ

Project # : 6527.24

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/28/07	1
Nitrite	BDL	100	ug/l	9056	06/28/07	1
Sulfate	BDL	5000	ug/l	9056	06/28/07	1
Methane, Total	380	10.	ug/l	3810/RSK17	07/02/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ammonia Nitrogen	620	100	ug/l	350.1	07/02/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/03/07	1
Dissolved Solids	1100000	1000	ug/l	160.1	07/05/07	1
Suspended Solids	20000	5000	ug/l	160.2	07/03/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/02/07	1
Benzene	BDL	50.	ug/l	8260B	07/02/07	50
Toluene	32000	1000	ug/l	8260B	07/03/07	200
Ethylbenzene	680	50.	ug/l	8260B	07/02/07	50
Total Xylenes	3000	150	ug/l	8260B	07/02/07	50
Methyl tert-butyl ether	BDL	50.	ug/l	8260B	07/02/07	50
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	07/02/07	50
Dibromofluoromethane	120.		% Rec.	8260B	07/02/07	50
4-Bromofluorobenzene	116.		% Rec.	8260B	07/02/07	50
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/03/07	1
Surrogate Recovery						
Nitrobenzene-d5	76.1		% Rec.	8270C	07/03/07	1
2-Fluorobiphenyl	101.		% Rec.	8270C	07/03/07	1
p-Terphenyl-d14	121.		% Rec.	8270C	07/03/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/09/07 08:50 Revised: 07/09/07 20:38
L299794-01 (V8260BTEXM) - Target compounds too high to run at a lower dilution.

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 09,2007

ESC Sample # : L299794-02

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter - Wells

Sample ID : MW-28I

Collected By : Vincke-Overvoorde
Collection Date : 06/27/07 09:35

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/28/07	1
Nitrite	BDL	100	ug/l	9056	06/28/07	1
Sulfate	BDL	5000	ug/l	9056	06/28/07	1
Methane, Total	710	40.	ug/l	3810/RSK17	07/02/07	4
Ethane, Total	BDL	40.	ug/l	3810/RSK17	07/02/07	4
Ethene, Total	BDL	40.	ug/l	3810/RSK17	07/02/07	4
Ammonia Nitrogen	270	100	ug/l	350.1	07/02/07	1
Phosphorus,Total	290	100	ug/l	365.1	07/03/07	1
Dissolved Solids	330000	1000	ug/l	160.1	07/03/07	1
Suspended Solids	23000	3300	ug/l	160.2	07/02/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/02/07	1
Benzene	BDL	1.0	ug/l	8260B	07/02/07	1
Toluene	BDL	5.0	ug/l	8260B	07/02/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/02/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/02/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/02/07	1
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	07/02/07	1
Dibromofluoromethane	123.		% Rec.	8260B	07/02/07	1
4-Bromofluorobenzene	111.		% Rec.	8260B	07/02/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	3.9	1.0	ug/l	8270C	07/03/07	1
Surrogate Recovery						
Nitrobenzene-d5	87.9		% Rec.	8270C	07/03/07	1
2-Fluorobiphenyl	101.		% Rec.	8270C	07/03/07	1
p-Terphenyl-d14	111.		% Rec.	8270C	07/03/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 09,2007

Date Received : June 28, 2007
Description : LE Carpenter - Wells

Sample ID : MW-19-5

Collected By : Vincke-Overvoorde
Collection Date : 06/27/07 10:35

ESC Sample # : L299794-03

Site ID : NJ

Project # : 6527.24

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/28/07	1
Nitrite	BDL	100	ug/l	9056	06/28/07	1
Sulfate	BDL	5000	ug/l	9056	06/28/07	1
Methane, Total	570	10.	ug/l	3810/RSK17	07/02/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ammonia Nitrogen	130	100	ug/l	350.1	07/02/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/03/07	1
Dissolved Solids	350000	1000	ug/l	160.1	07/05/07	1
Suspended Solids	18000	3300	ug/l	160.2	07/02/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/02/07	1
Benzene	BDL	100	ug/l	8260B	07/02/07	100
Toluene	98000	5000	ug/l	8260B	07/04/07	1000
Ethylbenzene	1700	100	ug/l	8260B	07/02/07	100
Total Xylenes	8200	300	ug/l	8260B	07/02/07	100
Methyl tert-butyl ether	BDL	100	ug/l	8260B	07/02/07	100
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	07/02/07	100
Dibromofluoromethane	122.		% Rec.	8260B	07/02/07	100
4-Bromofluorobenzene	114.		% Rec.	8260B	07/02/07	100
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/03/07	1
Surrogate Recovery						
Nitrobenzene-d5	69.8		% Rec.	8270C	07/03/07	1
2-Fluorobiphenyl	84.6		% Rec.	8270C	07/03/07	1
p-Terphenyl-d14	102.		% Rec.	8270C	07/03/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 09,2007

Date Received : June 28, 2007
Description : LE Carpenter - Wells

Sample ID : MW-29S

Collected By : Vincke-Overvoorde
Collection Date : 06/27/07 12:08

ESC Sample # : L299794-04

Site ID : NJ

Project # : 6527.24

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/29/07	1
Nitrite	BDL	100	ug/l	9056	06/29/07	1
Sulfate	BDL	5000	ug/l	9056	06/29/07	1
Methane, Total	1000	40.	ug/l	3810/RSK17	07/02/07	4
Ethane, Total	BDL	40.	ug/l	3810/RSK17	07/02/07	4
Ethene, Total	BDL	40.	ug/l	3810/RSK17	07/02/07	4
Ammonia Nitrogen	8300	100	ug/l	350.1	07/02/07	1
Phosphorus,Total	290	100	ug/l	365.1	07/03/07	1
Dissolved Solids	490000	1000	ug/l	160.1	07/05/07	1
Suspended Solids	56000	10000	ug/l	160.2	07/03/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/02/07	1
Benzene	BDL	1.0	ug/l	8260B	07/02/07	1
Toluene	BDL	5.0	ug/l	8260B	07/02/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/02/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/02/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/02/07	1
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/02/07	1
Dibromofluoromethane	127.		% Rec.	8260B	07/02/07	1
4-Bromofluorobenzene	112.		% Rec.	8260B	07/02/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/03/07	1
Surrogate Recovery						
Nitrobenzene-d5	79.6		% Rec.	8270C	07/03/07	1
2-Fluorobiphenyl	91.2		% Rec.	8270C	07/03/07	1
p-Terphenyl-d14	113.		% Rec.	8270C	07/03/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 09,2007

ESC Sample # : L299794-05

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter - Wells

Sample ID : MW-19-7

Collected By : Vincke-Overvoorde
Collection Date : 06/27/07 09:07

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	250	100	ug/l	9056	06/29/07	1
Nitrite	BDL	100	ug/l	9056	06/29/07	1
Sulfate	12000	5000	ug/l	9056	06/29/07	1
Methane, Total	530	10.	ug/l	3810/RSK17	07/02/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	07/02/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/03/07	1
Dissolved Solids	610000	1000	ug/l	160.1	07/03/07	1
Suspended Solids	4400	1200	ug/l	160.2	07/02/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/02/07	1
Benzene	BDL	1.0	ug/l	8260B	07/02/07	1
Toluene	BDL	5.0	ug/l	8260B	07/02/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/02/07	1
Total Xylenes	23.	3.0	ug/l	8260B	07/02/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/02/07	1
Surrogate Recovery						
Toluene-d8	108.		% Rec.	8260B	07/02/07	1
Dibromofluoromethane	130.		% Rec.	8260B	07/02/07	1
4-Bromofluorobenzene	113.		% Rec.	8260B	07/02/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/07/07	1
Surrogate Recovery						
Nitrobenzene-d5	76.0		% Rec.	8270C	07/07/07	1
2-Fluorobiphenyl	84.7		% Rec.	8270C	07/07/07	1
p-Terphenyl-d14	104.		% Rec.	8270C	07/07/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 09,2007

ESC Sample # : L299794-06

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter - Wells

Sample ID : ATM-01

Collected By : Vincke-Overvoorde
Collection Date : 06/27/07 11:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/29/07	1
Nitrite	BDL	100	ug/l	9056	06/29/07	1
Sulfate	BDL	5000	ug/l	9056	06/29/07	1
Methane, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	07/02/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/03/07	1
Dissolved Solids	19000	1000	ug/l	160.1	07/05/07	1
Suspended Solids	BDL	1100	ug/l	160.2	07/03/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/02/07	1
Benzene	BDL	1.0	ug/l	8260B	07/02/07	1
Toluene	BDL	5.0	ug/l	8260B	07/02/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/02/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/02/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/02/07	1
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	07/02/07	1
Dibromofluoromethane	128.		% Rec.	8260B	07/02/07	1
4-Bromofluorobenzene	114.		% Rec.	8260B	07/02/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/03/07	1
Surrogate Recovery						
Nitrobenzene-d5	80.4		% Rec.	8270C	07/03/07	1
2-Fluorobiphenyl	91.4		% Rec.	8270C	07/03/07	1
p-Terphenyl-d14	111.		% Rec.	8270C	07/03/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 09,2007

ESC Sample # : L299794-07

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter - Wells

Sample ID : RB-02

Collected By : Vincke-Overvoorde
Collection Date : 06/27/07 14:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/29/07	1
Nitrite	BDL	100	ug/l	9056	06/29/07	1
Sulfate	BDL	5000	ug/l	9056	06/29/07	1
Methane, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	07/02/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/03/07	1
Dissolved Solids	2500	1000	ug/l	160.1	07/05/07	1
Suspended Solids	BDL	1100	ug/l	160.2	07/03/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/02/07	1
Benzene	BDL	1.0	ug/l	8260B	07/02/07	1
Toluene	BDL	5.0	ug/l	8260B	07/02/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/02/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/02/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/02/07	1
Surrogate Recovery						
Toluene-d8	109.		% Rec.	8260B	07/02/07	1
Dibromofluoromethane	129.		% Rec.	8260B	07/02/07	1
4-Bromofluorobenzene	115.		% Rec.	8260B	07/02/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/03/07	1
Surrogate Recovery						
Nitrobenzene-d5	65.1		% Rec.	8270C	07/03/07	1
2-Fluorobiphenyl	80.6		% Rec.	8270C	07/03/07	1
p-Terphenyl-d14	83.2		% Rec.	8270C	07/03/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 09,2007

Date Received : June 28, 2007
Description : LE Carpenter - Wells

Sample ID : MW-27S

Collected By : Vincke-Overvoorde
Collection Date : 06/27/07 07:05

ESC Sample # : L299794-08

Site ID : NJ

Project # : 6527.24

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/29/07	1
Nitrite	BDL	100	ug/l	9056	06/29/07	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	07/02/07	1
Phosphorus,Total	3500	100	ug/l	365.1	07/03/07	1
Suspended Solids	48000	5000	ug/l	160.2	07/02/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/02/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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ENVIRONMENTAL
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 09,2007

ESC Sample # : L299794-09

Date Received : June 28, 2007
Description : LE Carpenter - Wells

Site ID : NJ

Sample ID : MW-28S

Project # : 6527.24

Collected By : Vincke-Overvoorde
Collection Date : 06/27/07 10:33

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/29/07	1
Nitrite	BDL	100	ug/l	9056	06/29/07	1
Sulfate	BDL	5000	ug/l	9056	06/29/07	1
Methane, Total	1600	100	ug/l	3810/RSK17	07/02/07	10
Ethane, Total	BDL	100	ug/l	3810/RSK17	07/02/07	10
Ethene, Total	BDL	100	ug/l	3810/RSK17	07/02/07	10
Ammonia Nitrogen	140	100	ug/l	350.1	07/02/07	1
Phosphorus,Total	340	100	ug/l	365.1	07/03/07	1
Dissolved Solids	400000	1000	ug/l	160.1	07/05/07	1
Suspended Solids	49000	3300	ug/l	160.2	07/02/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/02/07	1
Benzene	BDL	1.0	ug/l	8260B	07/02/07	1
Toluene	BDL	5.0	ug/l	8260B	07/02/07	1
Ethylbenzene	30.	1.0	ug/l	8260B	07/02/07	1
Total Xylenes	56.	3.0	ug/l	8260B	07/02/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/02/07	1
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	07/02/07	1
Dibromofluoromethane	131.		% Rec.	8260B	07/02/07	1
4-Bromofluorobenzene	125.		% Rec.	8260B	07/02/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	28.	1.0	ug/l	8270C	07/03/07	1
Surrogate Recovery						
Nitrobenzene-d5	64.0		% Rec.	8270C	07/03/07	1
2-Fluorobiphenyl	83.8		% Rec.	8270C	07/03/07	1
p-Terphenyl-d14	107.		% Rec.	8270C	07/03/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Est. 1970

REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 09, 2007

ESC Sample # : L299794-10

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter - Wells

Sample ID : RB-03

Collected By : Vincke-Overvoorde
Collection Date : 06/27/07 15:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/29/07	1
Nitrite	BDL	100	ug/l	9056	06/29/07	1
Sulfate	BDL	5000	ug/l	9056	06/29/07	1
Methane, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	07/02/07	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	07/02/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/03/07	1
Dissolved Solids	BDL	1000	ug/l	160.1	07/05/07	1
Suspended Solids	BDL	1100	ug/l	160.2	07/03/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/03/07	1
Benzene	BDL	1.0	ug/l	8260B	07/02/07	1
Toluene	BDL	5.0	ug/l	8260B	07/02/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/02/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/02/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/02/07	1
Surrogate Recovery						
Toluene-d8	109.		% Rec.	8260B	07/02/07	1
Dibromofluoromethane	132.		% Rec.	8260B	07/02/07	1
4-Bromofluorobenzene	116.		% Rec.	8260B	07/02/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/03/07	1
Surrogate Recovery						
Nitrobenzene-d5	56.2		% Rec.	8270C	07/03/07	1
2-Fluorobiphenyl	71.7		% Rec.	8270C	07/03/07	1
p-Terphenyl-d14	83.9		% Rec.	8270C	07/03/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 09, 2007

ESC Sample # : L299794-11

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter - Wells

Sample ID : TB-03

Collected By : Vincke-Overvoorde
Collection Date : 06/27/07 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.0010	mg/l	8260B	07/02/07	1
Toluene	BDL	0.0050	mg/l	8260B	07/02/07	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	07/02/07	1
Total Xylenes	BDL	0.0030	mg/l	8260B	07/02/07	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	07/02/07	1
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	07/02/07	1
Dibromofluoromethane	126.		% Rec.	8260B	07/02/07	1
4-Bromofluorobenzene	111.		% Rec.	8260B	07/02/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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Reported: 07/09/07 08:50 Revised: 07/09/07 20:38

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L299794-05	Dibromofluoromethane	J1
L299794-06	Dibromofluoromethane	J1
L299794-07	Dibromofluoromethane	J1
L299794-09	Dibromofluoromethane	J1
L299794-10	Dibromofluoromethane	J1

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits				(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	68-128	64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115	69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127	61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
07/09/07 at 20:38:56

TSR Signing Reports: 044
R5 - Desired TAT

5035 Only! No E's

Sample: L299794-01 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/09/07 08:50
NJ Red. QC;HAZSITE EDD
Sample: L299794-02 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/09/07 08:50
NJ Red. QC;HAZSITE EDD
Sample: L299794-03 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/09/07 08:50
NJ Red. QC;HAZSITE EDD
Sample: L299794-04 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/09/07 08:50
NJ Red. QC;HAZSITE EDD
Sample: L299794-05 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/09/07 08:50
NJ Red. QC;HAZSITE EDD
Sample: L299794-06 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/09/07 08:50
NJ Red. QC;HAZSITE EDD
Sample: L299794-07 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/09/07 08:50
NJ Red. QC;HAZSITE EDD
Sample: L299794-08 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/09/07 08:50
NJ Red. QC;HAZSITE EDD
Sample: L299794-09 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/09/07 08:50
NJ Red. QC;HAZSITE EDD
Sample: L299794-10 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/09/07 08:50
NJ Red. QC;HAZSITE EDD
Sample: L299794-11 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/09/07 08:50
NJ Red. QC;HAZSITE EDD

RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Ch[illegible]ustody
Page 1 of 2

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde
Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter
City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098
Client Project #: 6527.24
Lab Project #: RMTGRMI-652725

Collected by (print): E. Vincke | J. Overvoorde
Site/Facility ID#: NJ
P.O.#:

Collected by (signature): J Overvoorde
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed
Email? __No __Yes
FAX? __No __Yes

Account: RMTGRMI
Template/Prelogin: T41[illegible]/P213526
Cooler #: 6/20 AC
Shipped Via: FedEx Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Meth. Ethane, Ethene 40ml Amb-NoPres	NITRATE 125mlHDPE-NoPres	NITRITE 125mlHDPE-NoPres	NO2NO3,NH3,T. Phos 250mlHDPE-H2SO4	PHOSP 500mlHDPE-NoPres	SO4,TDS 500mlHDPE-NoPres	SV8270BN 1L Amb-NoPres	TSS 1L-HDPE NoPres	Remarks/Contaminant	Sample # (lab only)
MW-19	Grab	GW		6/27/07	1203	12	X	X	X	X	X	X	X	X		[illegible]
~~MW-19-4~~ MW-28I		GW			0935	12	X	X	X	X	X	X	X	X		[illegible]
MW-19-5		GW			1035	12	X	X	X	X	X	X	X	X		[illegible]
~~MW-19-6~~ MW-29S		GW			1208	12	X	X	X	X	X	X	X	X		[illegible]
MW-19-7		GW			0907	12	X	X	X	X	X	X	X	X		[illegible]
~~MW-19-12~~ ATM-01		GW			1100	12	X	X	X	X	X	X	X	X		[illegible]
~~MW-25(R)~~ RB-02		GW			1445	12	X	X	X	X	X	X	X	X		[illegible]
MW-27S		GW			0705	5 ~~12~~	~~X~~	X	X	X	X	~~X~~	X	~~X~~		[illegible]
MW-28S		GW			1033	12	X	X	X	X	X	X	X	X		[illegible]
RB-03					1505	12	X	X	X	X	X	X	X	X		-10

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____
Flow _____ Other _____

Remarks:

9446 7857 7219 | 9446 7857 7208 | 5 Coolers
9446 7857 7193 | 9446 7857 7171 | 9446 7857 7160

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ___	Conditions (lab use only)
J Overvoorde	6/27/07	1545	Fed Ex		
Relinquished by: [redacted]	Date:	Time:	Received by: (S[redacted])	Temp: 3.6 Bottles Received: 114	
Relinquished by: [redacted]ure)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 6/28/07 Time: 9:00AM	pH Checked: 62 NCF: X

RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody
Page 2 of 2

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
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Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde
Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter
City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098
Client Project #: 6527.24
Lab Project #: RMTGRMI-652725

Collected by (print): J. Overvoorde | E. Vincke
Site/Facility ID#: NJ
P.O.#:

Collected by (signature): J Overvoorde
Immediately Packed on Ice N___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed
Email? __No __Yes
FAX? __No __Yes

Accounts: RMTGRMI (lab use only)
Template/Prelogin: T41528 P213526
Cooler #: 0124 AC
Shipped Via: FedEx Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260B/EXM 40ml Amp HCl					Remarks/Contaminant	Sample # (lab only)
MW-19	Grab	GW		6/27/07	1203	12	X						[illegible]
~~MW-19-4~~ MW-28I		GW			0935	12	X						[illegible]
MW-19-5		GW			1035	12	X						[illegible]
~~MW-19-6~~ MW-29S		GW			1208	12	X						[illegible]
MW-19-7		GW			0907	12	X						[illegible]
~~MW-19-12~~ ATM-01		GW			1100	12	X						[illegible]
~~MW-25(R)~~ RB-02		GW			1445	12	X						[illegible]
~~MW-27S~~ RB-03		GW			1505	12	X						[illegible]
MW-28S		GW			1033	12	X						[illegible]
~~GRB-03~~ TB-03					~~1505~~ 10	1	X						-11

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____
Flow _____ Other _____

Remarks:

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐
J Overvoorde	6/27/07	1545	Fed Ex	
Relinquished by: [redacted]	Date:	Time:	Received by: ([redacted])	Temp: [illegible] Bottles Received: [illegible]
Relinquished by: [redacted]ure)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 6/28/07 Time: 9:00 AM Cooler: [illegible]

L2999294

ENVIRONMENTAL SCIENCE CORP.

Cooler Receipt Form

Client: Rutgers

Cooler Received On: 6/28/07 and Opened On: 6/28/07 By: Jason Romer

(Signature)

1. Temperature of cooler when opened: 3.6 Degrees Celsius
2. Were custody seals on outside of cooler and intact? NA — YES NO
   a. If yes, what kind and where: _____
   b. Were the signature and date correct? YES NO
3. Were custody seals on containers intact? NA — YES NO
4. Were custody papers inside cooler? YES NO
5. Were custody papers properly filled out (ink, signed, etc.) YES NO
6. Did you sign the custody papers in the appropriate place? YES NO
7. What kind of packing material was used? Bubblewrap Peanuts Other None
8. Was sufficient ice used (if appropriate)? YES NO
9. Did all bottles arrive in good condition? YES NO
10. Were all bottle labels complete? (#, date, signed, pres, etc)? YES NO
11. Did all bottle labels and tags agree with custody papers? YES NO
12. Were correct bottles used for the analyses requested? YES NO
13. If applicable, was an observable VOA headspace present? YES NO
14. Was sufficient amount of sample sent in each bottle? YES NO
15. Were correct preservatives used? YES NO
16. Corrective action taken, if necessary:
    a. Name of person contacted: See attached for resolution if needed
    b. Date: _____

LESLIE

ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No.: 1299794

Date: 6/28/07

Evaluated by: JASON R.

Client: RMTGRMT

Non-Conformance (check applicable items)

	Chain of Custody is missing	X	Login Clarification Needed
X	Improper container type		Improper preservation
	Chain of custody is incomplete		Container lid not in tact
	Parameter(s) past holding time		Improper temperature
	Broken container(s) **see below**		Broken container: sufficient sample volume remains for analysis requested

	Insufficient packing material around container
	Insufficient packing material inside cooler
	Improper handling by carrier (FedEx / UPS / Courier)
	Sample was frozen

Comments: FOR "MW-27S" - CLIENT MARKED "SV8270BN" ON CoC, BUT WE RECEIVED A "TSS" CONTAINER INSTEAD OF AN AMBER LITER. WHICH ANALYSIS IS CORRECT?

Login Instructions: **TSR Initials:** LN

Client informed by call / email / fax / voice mail date: 6/28/07 time: 10:30

Client contact: Jennifer Overwoode

Cell - 616-915-3685

11:50 - NO SV8270 BN add TSS

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Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402

Grand Rapids, MI 49546

Report Summary

Tuesday July 10, 2007

Report Number: L299570
Samples Received: 06/27/07
Client Project: 6527.24

Description: LE Carpenter

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Leslie Newton
Leslie Newton, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 10,2007

ESC Sample # : L299570-01

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter - Wells

Sample ID : DUP-02

Collected By : Overvoorde/Vincke
Collection Date : 06/26/07 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/27/07	1
Nitrite	BDL	100	ug/l	9056	06/27/07	1
Sulfate	6400	5000	ug/l	9056	06/27/07	1
Methane, Total	32.	10.	ug/l	3810/RSK17	06/27/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ammonia Nitrogen	110	100	ug/l	350.1	06/29/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	06/29/07	1
Dissolved Solids	350000	1000	ug/l	160.1	07/02/07	1
Suspended Solids	100000	1000	ug/l	160.2	06/29/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	06/29/07	1
Benzene	BDL	1.0	ug/l	8260B	06/29/07	1
Toluene	BDL	5.0	ug/l	8260B	06/29/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/29/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/29/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	06/29/07	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	06/29/07	1
Dibromofluoromethane	96.9		% Rec.	8260B	06/29/07	1
4-Bromofluorobenzene	95.1		% Rec.	8260B	06/29/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	1.6	1.0	ug/l	8270C	06/29/07	1
Surrogate Recovery						
Nitrobenzene-d5	68.5		% Rec.	8270C	06/29/07	1
2-Fluorobiphenyl	71.7		% Rec.	8270C	06/29/07	1
p-Terphenyl-d14	98.1		% Rec.	8270C	06/29/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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Reported: 07/10/07 11:37 Revised: 07/10/07 20:10

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SCIENCE CORP.

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Est. 1970

REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 10,2007

ESC Sample # : L299570-02

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter - Wells

Sample ID : DUP-03

Collected By : Overvoorde/Vincke
Collection Date : 06/26/07 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	930	100	ug/l	9056	06/27/07	1
Nitrite	BDL	100	ug/l	9056	06/27/07	1
Sulfate	13000	5000	ug/l	9056	06/27/07	1
Methane, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	06/29/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	06/29/07	1
Dissolved Solids	270000	1000	ug/l	160.1	07/02/07	1
Suspended Solids	BDL	1000	ug/l	160.2	06/29/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	06/29/07	1
Benzene	BDL	1.0	ug/l	8260B	06/29/07	1
Toluene	BDL	5.0	ug/l	8260B	06/29/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/29/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/29/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	06/29/07	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	06/29/07	1
Dibromofluoromethane	94.0		% Rec.	8260B	06/29/07	1
4-Bromofluorobenzene	95.9		% Rec.	8260B	06/29/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/29/07	1
Surrogate Recovery						
Nitrobenzene-d5	69.6		% Rec.	8270C	06/29/07	1
2-Fluorobiphenyl	80.8		% Rec.	8270C	06/29/07	1
p-Terphenyl-d14	80.7		% Rec.	8270C	06/29/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 10,2007

ESC Sample # : L299570-03

Date Received : June 27, 2007
Description : LE Carpenter - Wells

Site ID : NJ

Sample ID : MW-30S

Project # : 6527.24

Collected By : Overvoorde/Vincke
Collection Date : 06/26/07 15:09

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/27/07	1
Nitrite	BDL	100	ug/l	9056	06/27/07	1
Sulfate	BDL	5000	ug/l	9056	06/27/07	1
Methane, Total	1800	100	ug/l	3810/RSK17	06/27/07	10
Ethane, Total	BDL	100	ug/l	3810/RSK17	06/27/07	10
Ethene, Total	BDL	100	ug/l	3810/RSK17	06/27/07	10
Ammonia Nitrogen	940	100	ug/l	350.1	06/29/07	1
Phosphorus,Total	1600	100	ug/l	365.1	06/29/07	1
Dissolved Solids	350000	1000	ug/l	160.1	07/03/07	1
Suspended Solids	650000	20000	ug/l	160.2	07/02/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	06/29/07	1
Benzene	2.1	5.0	ug/l	8260B	06/29/07	5
Toluene	BDL	25.	ug/l	8260B	06/29/07	5
Ethylbenzene	300	5.0	ug/l	8260B	06/29/07	5
Total Xylenes	1200	15.	ug/l	8260B	06/29/07	5
Methyl tert-butyl ether	BDL	5.0	ug/l	8260B	06/29/07	5
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	06/29/07	5
Dibromofluoromethane	96.0		% Rec.	8260B	06/29/07	5
4-Bromofluorobenzene	105.		% Rec.	8260B	06/29/07	5
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	13000	2000	ug/l	8270C	07/09/07	2000
Surrogate Recovery						
Nitrobenzene-d5	86.2		% Rec.	8270C	07/03/07	1
2-Fluorobiphenyl	83.1		% Rec.	8270C	07/03/07	1
p-Terphenyl-d14	28.5		% Rec.	8270C	07/03/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 10,2007

ESC Sample # : L299570-04

Date Received : June 27, 2007
Description : LE Carpenter - Wells

Site ID : NJ

Sample ID : MW-30I

Project # : 6527.24

Collected By : Overvoorde/Vincke
Collection Date : 06/26/07 11:55

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/27/07	1
Nitrite	BDL	100	ug/l	9056	06/27/07	1
Sulfate	BDL	5000	ug/l	9056	06/27/07	1
Methane, Total	680	40.	ug/l	3810/RSK17	06/27/07	4
Ethane, Total	BDL	40.	ug/l	3810/RSK17	06/27/07	4
Ethene, Total	BDL	40.	ug/l	3810/RSK17	06/27/07	4
Ammonia Nitrogen	800	100	ug/l	350.1	06/29/07	1
Phosphorus,Total	310	100	ug/l	365.1	06/29/07	1
Dissolved Solids	300000	1000	ug/l	160.1	07/02/07	1
Suspended Solids	34000	2000	ug/l	160.2	07/02/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	06/29/07	1
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	97.1		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	95.9		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/30/07	1
Surrogate Recovery						
Nitrobenzene-d5	61.9		% Rec.	8270C	06/30/07	1
2-Fluorobiphenyl	68.6		% Rec.	8270C	06/30/07	1
p-Terphenyl-d14	67.8		% Rec.	8270C	06/30/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 10,2007

ESC Sample # : L299570-05

Date Received : June 27, 2007
Description : LE Carpenter - Wells

Site ID : NJ

Sample ID : MW-30D

Project # : 6527.24

Collected By : Overvoorde/Vincke
Collection Date : 06/26/07 10:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/27/07	1
Nitrite	BDL	100	ug/l	9056	06/27/07	1
Sulfate	10000	5000	ug/l	9056	06/27/07	1
Methane, Total	77.	10.	ug/l	3810/RSK17	06/27/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ammonia Nitrogen	110	100	ug/l	350.1	06/29/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	06/29/07	1
Dissolved Solids	240000	1000	ug/l	160.1	07/02/07	1
Suspended Solids	13000	2800	ug/l	160.2	06/29/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	06/29/07	1
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	96.9		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	93.7		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/30/07	1
Surrogate Recovery						
Nitrobenzene-d5	75.4		% Rec.	8270C	06/30/07	1
2-Fluorobiphenyl	75.5		% Rec.	8270C	06/30/07	1
p-Terphenyl-d14	80.1		% Rec.	8270C	06/30/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 10,2007

ESC Sample # : L299570-06

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter - Wells

Sample ID : MW-25R

Collected By : Overvoorde/Vincke
Collection Date : 06/26/07 08:14

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	06/27/07	1
Nitrite	BDL	100	ug/l	9056	06/27/07	1
Sulfate	5900	5000	ug/l	9056	06/27/07	1
Methane, Total	33.	10.	ug/l	3810/RSK17	06/27/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ammonia Nitrogen	150	100	ug/l	350.1	06/29/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	06/29/07	1
Dissolved Solids	340000	1000	ug/l	160.1	07/02/07	1
Suspended Solids	100000	4000	ug/l	160.2	06/29/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	06/29/07	1
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	97.2		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	93.7		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/30/07	1
Surrogate Recovery						
Nitrobenzene-d5	63.9		% Rec.	8270C	06/30/07	1
2-Fluorobiphenyl	71.1		% Rec.	8270C	06/30/07	1
p-Terphenyl-d14	73.7		% Rec.	8270C	06/30/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 10,2007

ESC Sample # : L299570-07

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter - Wells

Sample ID : MW-19-12

Collected By : Overvoorde/Vincke
Collection Date : 06/26/07 11:22

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	930	100	ug/l	9056	06/27/07	1
Nitrite	BDL	100	ug/l	9056	06/27/07	1
Sulfate	13000	5000	ug/l	9056	06/27/07	1
Methane, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	06/29/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	06/29/07	1
Dissolved Solids	240000	1000	ug/l	160.1	07/02/07	1
Suspended Solids	BDL	1100	ug/l	160.2	06/29/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	06/29/07	1
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	96.9		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	93.4		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	06/30/07	1
Surrogate Recovery						
Nitrobenzene-d5	73.5		% Rec.	8270C	06/30/07	1
2-Fluorobiphenyl	76.9		% Rec.	8270C	06/30/07	1
p-Terphenyl-d14	79.4		% Rec.	8270C	06/30/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 10,2007

ESC Sample # : L299570-08

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter - Wells

Sample ID : MW-19-4

Collected By : Overvoorde/Vincke
Collection Date : 06/26/07 14:32

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	1700	100	ug/l	9056	06/27/07	1
Nitrite	BDL	100	ug/l	9056	06/27/07	1
Sulfate	29000	5000	ug/l	9056	06/27/07	1
Methane, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	06/29/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	06/29/07	1
Dissolved Solids	1100000	1000	ug/l	160.1	07/02/07	1
Suspended Solids	1400	1100	ug/l	160.2	07/02/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	06/29/07	1
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	99.9		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	98.0		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	93.9		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	17.	10.	ug/l	8270C	07/09/07	10
Surrogate Recovery						
Nitrobenzene-d5	80.1		% Rec.	8270C	07/03/07	1
2-Fluorobiphenyl	83.2		% Rec.	8270C	07/03/07	1
p-Terphenyl-d14	87.1		% Rec.	8270C	07/03/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 10,2007

ESC Sample # : L299570-09

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter - Wells

Sample ID : MW-19-6

Collected By : Overvoorde/Vincke
Collection Date : 06/26/07 15:55

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	2900	100	ug/l	9056	06/27/07	1
Nitrite	BDL	100	ug/l	9056	06/27/07	1
Sulfate	48000	5000	ug/l	9056	06/27/07	1
Methane, Total	230	10.	ug/l	3810/RSK17	06/27/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	06/29/07	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/03/07	1
Dissolved Solids	1900000	1000	ug/l	160.1	07/03/07	1
Suspended Solids	8700	1100	ug/l	160.2	07/02/07	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	06/29/07	1
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	97.3		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	92.7		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/06/07	1
Surrogate Recovery						
Nitrobenzene-d5	84.7		% Rec.	8270C	07/06/07	1
2-Fluorobiphenyl	93.8		% Rec.	8270C	07/06/07	1
p-Terphenyl-d14	91.1		% Rec.	8270C	07/06/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 10, 2007

ESC Sample # : L299570-10

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter - Wells

Sample ID : MW-27S

Collected By : Overvoorde/Vincke
Collection Date : 06/26/07 16:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Sulfate	97000	5000	ug/l	9056	07/03/07	1
Methane, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ethane, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Ethene, Total	BDL	10.	ug/l	3810/RSK17	06/27/07	1
Dissolved Solids	640000	1000	ug/l	160.1	07/03/07	1
Benzene	BDL	1.0	ug/l	8260B	06/30/07	1
Toluene	BDL	5.0	ug/l	8260B	06/30/07	1
Ethylbenzene	BDL	1.0	ug/l	8260B	06/30/07	1
Total Xylenes	BDL	3.0	ug/l	8260B	06/30/07	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	97.8		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	93.0		% Rec.	8260B	06/30/07	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/06/07	1
Surrogate Recovery						

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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12065 Lebanon Rd.
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(615) 758-5858
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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 10, 2007

ESC Sample # : L299570-11

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter - Wells

Sample ID : TB-02

Collected By : Overvoorde/Vincke
Collection Date : 06/26/07 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.0010	mg/l	8260B	06/30/07	1
Toluene	BDL	0.0050	mg/l	8260B	06/30/07	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	06/30/07	1
Total Xylenes	BDL	0.0030	mg/l	8260B	06/30/07	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	06/30/07	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/30/07	1
Dibromofluoromethane	98.9		% Rec.	8260B	06/30/07	1
4-Bromofluorobenzene	94.1		% Rec.	8260B	06/30/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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Reported: 07/10/07 11:37 Revised: 07/10/07 20:10

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L299570-03	Benzene	J
	p-Terphenyl-d14	J2

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits				(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	68-128	64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115	69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127	61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
07/10/07 at 20:10:22

TSR Signing Reports: 044
R5 - Desired TAT

5035 Only! No E's

Sample: L299570-01 Account: RMTGRMI Received: 06/27/07 09:00 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 11:37
NJ Red. QC4;HAZSITE EDD
Sample: L299570-02 Account: RMTGRMI Received: 06/27/07 09:00 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 11:37
NJ Red. QC4;HAZSITE EDD
Sample: L299570-03 Account: RMTGRMI Received: 06/27/07 09:00 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 11:37
MS/MSD Sample. NJ Red. QC4;HAZSITE EDD
Sample: L299570-04 Account: RMTGRMI Received: 06/27/07 09:00 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 11:37
NJ Red. QC4;HAZSITE EDD
Sample: L299570-05 Account: RMTGRMI Received: 06/27/07 09:00 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 11:37
NJ Red. QC4;HAZSITE EDD
Sample: L299570-06 Account: RMTGRMI Received: 06/27/07 09:00 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 11:37
NJ Red. QC4;HAZSITE EDD
Sample: L299570-07 Account: RMTGRMI Received: 06/27/07 09:00 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 11:37
NJ Red. QC4;HAZSITE EDD
Sample: L299570-08 Account: RMTGRMI Received: 06/27/07 09:00 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 11:37
NJ Red. QC4;HAZSITE EDD
Sample: L299570-09 Account: RMTGRMI Received: 06/27/07 09:00 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 11:37
NJ Red. QC4;HAZSITE EDD
Sample: L299570-10 Account: RMTGRMI Received: 06/27/07 09:00 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 11:37
NJ Red. QC4;HAZSITE EDD
Sample: L299570-11 Account: RMTGRMI Received: 06/27/07 09:00 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 11:37
NJ Red. QC4;HAZSITE EDD

RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing information:

Chain of Custody
Page 1 of 4

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde
Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter
City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098

Client Project #: 6527.24
Lab Project #: RMTGRMI-652725

Collected by (print): Jennifer Overvoorde / Eric Vincent
Site/Facility ID#: NJ
P.O.#: 6527.24

Collected by (signature): Jennifer Overvoorde / E. Vincent
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: 2 wks
Email? ___No X Yes
FAX? ___No ___Yes

Account: RMTGRMI (lab use only)
Template/Prelogin: T41528/P213526
Cooler #: 1991 AE
Shipped Via: FedEx Ground

Analysis/Container/Preservative: VOC 8260B TPH-DRO 8015 Aromatics HCl

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOC 8260B TPH-DRO 8015 Aromatics HCl	Remarks/Contaminant	Sample # (lab only)
~~MW-28I~~ DUP-02	Grab	GW	NA	6/26/07	—	12	X		[illegible]
~~MW-29S~~ DUP-03		GW			—	12	X		[illegible]
MW-30S		GW			1509	12	X	MS/MSD	[illegible]
MW-30I		GW			1155	12	X		[illegible]
MW-30D		GW			1030	12	X		[illegible]
MW-25(R)		GW			0814	12	X		[illegible]
MW-19-12		GW			1122	12	X		[illegible]
MW-19-4		GW			1432	12	X		[illegible]
MW-19-6	Grab	GW	NA	6/26/07	1555	12	X		[illegible]

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____
Flow _____ Other _____

Remarks: MW-30S has MS/MSD

9446 7857 7150 9446 7857 7263

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
E. Vincent	6/26/07	1823	Fed Ex		
Relinquished by: [redacted]	Date:	Time:	Received by: [redacted]	Temp: 3.7 Bottles Received: 24	
Relinquished by: [redacted]	Date:	Time:	Received for lab by: (Signature)	Date: 6/27/07 Time: 9:00	pH Checked: NCF:

RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

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Page 3 of 4

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Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde
Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter
City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098
Client Project #: 6527.24
Lab Project #: RMTGRMI-652725

Collected by (print): J. Overvoorde/E. Vinck
Site/Facility ID#: NJ
P.O.#: 6527.24

Collected by (signature): J Overvoorde
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: 2 wks
Email? __No ✓Yes
FAX? __No __Yes

Accounting: RMTGRMI (lab use only)
Template/Prelogin: T41528/P213526
Cooler #: 0121 AE
Shipped Via: FedEX Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Meth, Ethane, Ethene 40mlAmb-NoPres	NITRATE 125mlHDPE-NoPres	NITRITE 125mlHDPE-NoPres	NO2NO3,NH3,T. Phos 250mlHDPE-H2SO4	PBDICP 500mlHDPE-NoPres	SO4,TDS 500mlHDPE-NoPres	SV8270BN 1L-Amb-NoPres	TSS 1L-HDPE NoPres	Remarks/Contaminant	Sample # (lab only)
MW-27S	Grab	GW	NA	6/26/07	1625	7 ~~12~~	X	~~X~~	~~X~~	~~X~~	~~X~~	X	X	~~X~~		1799570-10
TB-02	—	GW	—	—	—	1 ~~12~~	X	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
		GW				12	X	X	X	X	X	X	X	X		
		GW				12	X	X	X	X	X	X	X	X		
		GW				12	X	X	X	X	X	X	X	X		

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____
Flow _____ Other _____

Remarks: MW-27S only SO4, TDS, SV8270BN, Meth, Ethane, Ethene.

9446 7852 7241

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ___	Condition: (lab use only)
[signature]	6/26/07	1823	FedEx	Temp: 3.4° Bottles Received: 2-0	OK
Relinquished by: [redacted]	Date:	Time:	Received by: (Signature) [redacted]		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 6-27-07 Time: 9:00	pH Checked: 2-0 NCF:

RMT, Inc - Grand Rapids, MI

2025 East Beltline Ave. SE Ste 402
Grand Rapids,MI 49546

Alternate billing Information:

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Page 1 of 4

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12065 Lebanon Road
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Phone (800) 767-5859
FAX (615) 758-5859

Report to: Ms. Jennifer Overvoorde
Email: jennifer.overvoorde@rmtinc.

Project Description: LE Carpenter
City/State Collected: Wharton, NJ

Phone: (616) 975-5415
FAX: (616) 975-1098

Client Project #: 6527.24
Lab Project #: RMTGRMI-652725

Collected by (print): J. Overvoorde / E. Vincle
Site/Facility ID#: NJ
P.O.#: 6527.24

Collected by (signature): J. Overvoorde
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day.....100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: 2 wk
Email? ___No ✓Yes
FAX? ___No ___Yes

Acctnum: RMTGRMI (lab use only)
Template/Prelogin: T41528/P213526
Quote #:
Shipped Via: FedEX Ground

Analysis/Container/Preservative: VOC 8260B TX MT 10mL Amb-HCL

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOC 8260B TX MT 10mL Amb-HCL	Remarks/Contaminant	Sample # (lab only)
MW-27S	Grab	GW	NA	6/26/07	1625	7 ~~12~~	X		[illegible]
TB-02	—	GW	—			1 ~~12~~	X		[illegible]
		GW				12	X		
		GW				12	X		
		GW				12	X		

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition	(lab use only)
[signature]	6/26/07	1823	Fed Ex	Temp: 3.4°C	Bottles Received: 8	
Relinquished by: [redacted]	Date:	Time:	Received by: ([redacted])	Date: 6/27/07	Time: 9:30	pH Checked: NO
Relinquished by: ([redacted])	Date:	Time:	Received for lab by: (Signature) [signature]			

L299570

ENVIRONMENTAL SCIENCE CORP.

Cooler Receipt Form

Client: RMTGRMI

Cooler Received On: 6-27-07 and Opened On: 6-27-07 By: Josh Gupton

Josh Gupton
(Signature)

1. Temperature of cooler when opened: 3.4°C Degrees Celsius
2. Were custody seals on outside of cooler and intact? YES NO
   a. If yes, what kind and where: _____
   b. Were the signature and date correct? YES NO
3. Were custody seals on containers intact? YES NO
4. Were custody papers inside cooler? YES NO
5. Were custody papers properly filled out (ink, signed, etc.) YES NO
6. Did you sign the custody papers in the appropriate place? YES NO
7. What kind of packing material was used? Bubblewrap Peanuts Other None
8. Was sufficient ice used (if appropriate)? YES NO
9. Did all bottles arrive in good condition? YES NO
10. Were all bottle labels complete? (#, date, signed, pres, etc)? YES NO
11. Did all bottle labels and tags agree with custody papers? YES NO
12. Were correct bottles used for the analyses requested? YES NO
13. If applicable, was an observable VOA headspace present? YES NO
14. Was sufficient amount of sample sent in each bottle? YES NO
15. Were correct preservatives used? YES NO
16. Corrective action taken, if necessary:
    a. Name of person contacted: See attached for resolution if needed
    b. Date: _____

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Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402

Grand Rapids, MI 49546

Report Summary

Thursday July 12, 2007

Report Number: L301122
Samples Received: 06/27/07
Client Project: 6527.24

Description: LE Carpenter

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Leslie Newton, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-01

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter

Sample ID : DUP-02

Collected By : Vinck-Overorode
Collection Date : 06/26/07 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	>5700	1.0	CFU/ml	9215B	06/27/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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L301122-01 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-02

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter

Sample ID : DUP-03

Collected By : Vinck-Overorode
Collection Date : 06/26/07 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	8.0	1.0	CFU/ml	9215B	06/27/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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L301122-02 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-03

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter

Sample ID : MW-30S

Collected By : Vinck-Overorode
Collection Date : 06/26/07 15:09

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	>5700	1.0	CFU/ml	9215B	06/27/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-04

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter

Sample ID : MW-30I

Collected By : Vinck-Overorode
Collection Date : 06/26/07 11:55

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	36.	1.0	CFU/ml	9215B	06/27/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/10/07 14:07 Revised: 07/12/07 08:46
L301122-04 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-05

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter

Sample ID : MW-30D

Collected By : Vinck-Overorode
Collection Date : 06/26/07 10:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	130	1.0	CFU/ml	9215B	06/27/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/10/07 14:07 Revised: 07/12/07 08:47
L301122-05 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-06

Date Received : June 27, 2007
Description : LE Carpenter

Site ID : NJ

Sample ID : MW-25R

Project # : 6527.24

Collected By : Vinck-Overorode
Collection Date : 06/26/07 08:14

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	>5700	1.0	CFU/ml	9215B	06/27/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-07

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter

Sample ID : MW-19-12

Collected By : Vinck-Overorode
Collection Date : 06/26/07 11:22

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	55.		CFU/ml	9215B	06/27/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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L301122-07 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-08

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter

Sample ID : MW-19-4

Collected By : Vinck-Overorode
Collection Date : 06/26/07 14:32

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	110	1.0	CFU/ml	9215B	06/27/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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L301122-08 (SPC) - subcontracted to Environmental Health Labs

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Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-09

Site ID : NJ

Project # : 6527.24

Date Received : June 27, 2007
Description : LE Carpenter

Sample ID : MW-19-6

Collected By : Vinck-Overorode
Collection Date : 06/26/07 15:55

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	70.	1.0	CFU/ml	9215B	06/27/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-10

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter

Sample ID : MW-19

Collected By : Vinck-Overorode
Collection Date : 06/27/07 12:03

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	180	1.0	CFU/ml	9215B	06/28/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-11

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter

Sample ID : MW-28I

Collected By : Vinck-Overorode
Collection Date : 06/27/07 09:35

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	24.	1.0	CFU/ml	9215B	06/28/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/10/07 14:07 Revised: 07/12/07 08:47
L301122-11 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-12

Date Received : June 28, 2007
Description : LE Carpenter

Site ID : NJ

Sample ID : MW-19-5

Project # : 6527.24

Collected By : Vinck-Overorode
Collection Date : 06/27/07 10:35

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	91.	1.0	CFU/ml	9215B	06/28/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/10/07 14:07 Revised: 07/12/07 08:47
L301122-12 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-13

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter

Sample ID : MW-29S

Collected By : Vinck-Overorode
Collection Date : 06/27/07 12:08

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	150	1.0	CFU/ml	9215B	06/28/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/10/07 14:07 Revised: 07/12/07 08:47
L301122-13 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-14

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter

Sample ID : MW-19-7

Collected By : Vinck-Overorode
Collection Date : 06/27/07 09:07

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	130	1.0	CFU/ml	9215B	06/28/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/10/07 14:07 Revised: 07/12/07 08:47
L301122-14 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-15

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter

Sample ID : ATM-01

Collected By : Vinck-Overorode
Collection Date : 06/27/07 11:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	<1	1.0	CFU/ml	9215B	06/28/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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Reported: 07/10/07 14:07 Revised: 07/12/07 08:47
L301122-15 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-16

Date Received : June 28, 2007
Description : LE Carpenter

Site ID : NJ

Sample ID : RB-02

Project # : 6527.24

Collected By : Vinck-Overorode
Collection Date : 06/27/07 14:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	1.0	1.0	CFU/ml	9215B	06/28/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/10/07 14:07 Revised: 07/12/07 08:47
L301122-16 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-17

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter

Sample ID : MW-27S

Collected By : Vinck-Overorode
Collection Date : 06/27/07 07:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	>5700	1.0	CFU/ml	9215B	06/28/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/10/07 14:07 Revised: 07/12/07 08:47
L301122-17 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-18

Site ID : NJ

Project # : 6527.24

Date Received : June 28, 2007
Description : LE Carpenter

Sample ID : MW-28S

Collected By : Vinck-Overorode
Collection Date : 06/27/07 10:33

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	78.	1.0	CFU/ml	9215B	06/28/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/10/07 14:07 Revised: 07/12/07 08:47
L301122-18 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Ms. Jennifer Overvoorde
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2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

July 12, 2007

ESC Sample # : L301122-19

Date Received : June 28, 2007
Description : LE Carpenter

Site ID : NJ

Sample ID : RB-03

Project # : 6527.24

Collected By : Vinck-Overorode
Collection Date : 06/27/07 15:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	2.0	1.0	CFU/ml	9215B	06/28/07	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/10/07 14:07 Revised: 07/12/07 08:47
L301122-19 (SPC) - subcontracted to Environmental Health Labs

Summary of Remarks For Samples Printed
07/12/07 at 08:47:23

TSR Signing Reports: 044
R[illegible] Desired TAT

5[illegible] Only! No E's

Sample: L301122-01 Account: RMTGRMI Received: 06/27/07 11:30 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-02 Account: RMTGRMI Received: 06/27/07 11:30 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-03 Account: RMTGRMI Received: 06/27/07 11:30 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-04 Account: RMTGRMI Received: 06/27/07 11:30 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-05 Account: RMTGRMI Received: 06/27/07 11:30 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-06 Account: RMTGRMI Received: 06/27/07 11:30 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-07 Account: RMTGRMI Received: 06/27/07 11:30 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-08 Account: RMTGRMI Received: 06/27/07 11:30 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-09 Account: RMTGRMI Received: 06/27/07 11:30 Due Date: 07/05/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-10 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-11 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-12 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-13 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-14 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-15 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-16 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
S[illegible]le: L301122-17 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/10/07 14:07
[illegible]ed from field to Envhealt jlc 6/27/07 PO#S9412
S[illegible]le: L301122-18 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412
Sample: L301122-19 Account: RMTGRMI Received: 06/28/07 09:00 Due Date: 07/06/07 00:00 RPT Date: 07/10/07 14:07
Subbed from field to Envhealt jlc 6/27/07 PO#S9412

Appendix E
Project Schedule

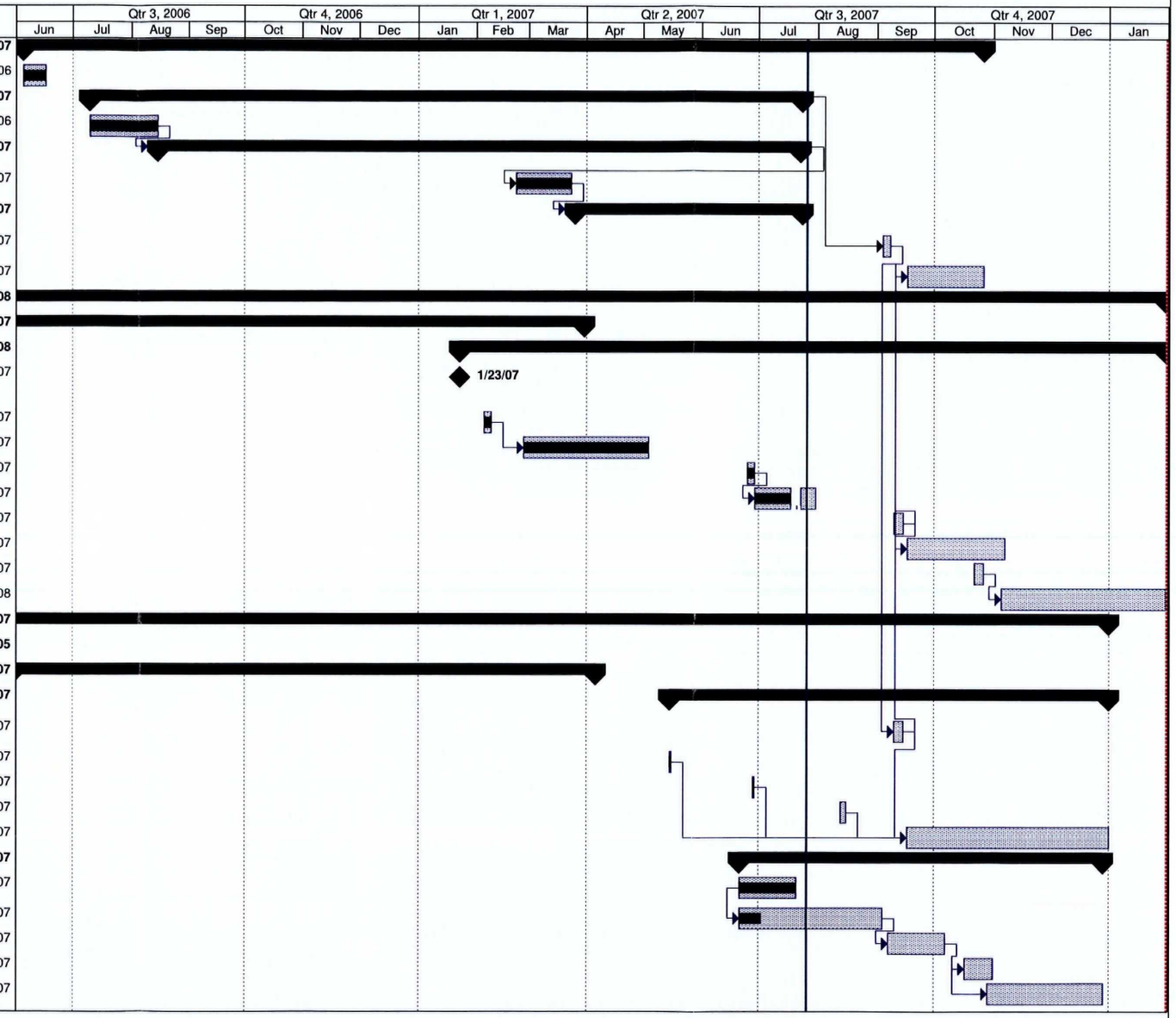
Calander Years 2006 & 2007

L. E. Carpenter & Company ~ Wharton NJ

PROJECT SCHEDULE

USEPA ID No. NJD002168748
2Q07 RAPR

ID	Task Name	Duration	Start	Finish
1	**PRMP IMPLEMENTATION**	**365 days**	**Mon 6/5/06**	**Fri 10/26/07**
2	Partial Field Implementation and Documentation of the PRMP	10 days	Mon 6/5/06	Fri 6/16/06
3	**NJDEP LURP Mounded Monitoring Well Installation Permitting**	**271 days**	**Mon 7/10/06**	**Tue 7/24/07**
4	GP-14 Permit Application Preparation and Submittal to NJDEP LURP	26 days	Mon 7/10/06	Mon 8/14/06
5	**NJDEP LURP GP-14 Permit Application Completeness and Technical Review**	**244 days**	**Tue 8/15/06**	**Mon 7/23/07**
39	Stream Encroachment Permit [SEP] Modification Application Preparation and Submittal to NJDEP LURP	22 days	Thu 2/22/07	Fri 3/23/07
40	**NJDEP LURP SEP Modification Application Completeness and Technical Review**	**86 days**	**Mon 3/26/07**	**Tue 7/24/07**
62	Finalize PRMP Field Implementation by Installing the Five (5) Mounded Wetland Monitoring Wells (MW-31S - MW-35S) - 90 Days following LURP receipt 3/26/07	4 days	Tue 9/4/07	Fri 9/7/07
63	Preparation and Submittal of the Final PRMP Implementation Report	30 days	Mon 9/17/07	Fri 10/26/07
64	**1986 ACO REQUIRED QUARTERLY MONITORING and REPORTING**	**503 days**	**Mon 2/27/06**	**Wed 1/30/08**
65	**2006 Monitoring and Reporting**	**285 days**	**Mon 2/27/06**	**Fri 3/30/07**
77	**2007 Monitoring and Reporting**	**267 days**	**Tue 1/23/07**	**Wed 1/30/08**
78	RMT & NJDEP Phone Conversation and Project Status Update [N. Clevett & G. Savary] - Submittal Reviews, Wetland Area Wells and Permitting, & Grace Period Rules	0 days	Tue 1/23/07	Tue 1/23/07
79	Conduct 1Q07 Monitoring Event	4 days	Mon 2/5/07	Thu 2/8/07
80	Prepare and Submit 1Q07 Remedial Action Progress Report	49 days	Mon 2/26/07	Thu 5/3/07
81	Conduct 2Q07 Monitoring Event	4 days	Mon 6/25/07	Thu 6/28/07
82	Prepare and Submit 2Q07 Remedial Action Progress Report	19 days	Fri 6/29/07	Mon 7/30/07
83	Conduct 3Q07 Monitoring Event	5 days	Mon 9/10/07	Fri 9/14/07
84	Submit 3Q07 Remedial Action Progress Report	37 days	Mon 9/17/07	Tue 11/6/07
85	Conduct 4Q07 Monitoring Event	5 days	Mon 10/22/07	Fri 10/26/07
86	Submit 4Q07 Remedial Action Progress Report	63 days	Mon 11/5/07	Wed 1/30/08
87	**GP-4 Required Wetland Monitoring and Reporting [2005 to 2010]**	**657 days**	**Fri 6/24/05**	**Mon 12/31/07**
88	**2005 Wetland Monitoring and Reporting**	**128 days**	**Fri 6/24/05**	**Tue 12/20/05**
92	**2006 Wetland Monitoring and Reporting**	**223 days**	**Tue 5/30/06**	**Thu 4/5/07**
98	**2007 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**165 days**	**Tue 5/15/07**	**Mon 12/31/07**
99	PRMP Implementation Wetland Restoration Activities [Mounds and Disturbed Areas]	5 days	Mon 9/10/07	Fri 9/14/07
100	Spring 2007 Wetland Monitoring Event	1 day	Tue 5/15/07	Tue 5/15/07
101	Spring 2007 Invasive Species Control Event	1 day	Thu 6/28/07	Thu 6/28/07
102	Fall 2007 Monitoring and Invasive Species Control Event	3 days	Mon 8/13/07	Wed 8/15/07
103	2007 Annual Wetland Monitoring Report Preparation and Submittal	76 days	Mon 9/17/07	Mon 12/31/07
104	**MW19/Hot Spot 1 Remedial Evaluation**	**137 days**	**Thu 6/21/07**	**Fri 12/28/07**
105	Prepare and Submit RMT Response Document [45-Day Extension Request] [MW-19/Hot Spot 1 Soil Gas Investigation Comments/NOD] dated June 20, 2007	22 days	Thu 6/21/07	Fri 7/20/07
106	Evaluate Remedial Alternatives, Prepare and Submit the RASR	75 edays	Thu 6/21/07	Tue 9/4/07
107	NJDEP Review and Approval of the RASR	30 edays	Thu 9/6/07	Sat 10/6/07
108	Implement Approved Remedial Approach	15 edays	Tue 10/16/07	Wed 10/31/07
109	Prepare and Submit the RAR	45 days	Mon 10/29/07	Fri 12/28/07



Thu 7/26/07

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

i:\wpgrm\pjt\00-03868\37\Site LEC Master Remedial Schedule.mpp
Thu 7/26/07