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Remedial Action Progress Report (RAPR)
3rd Quarter 2008 [3Q08]

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

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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 are performed, and associated progress reports 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 third quarter of 2008 (3Q08), 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 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 3Q08:

- Quarterly groundwater and surface water monitoring within the MW19/Hot Spot 1 area, the source reduction area, the wetland area, and adjacent surface water bodies (*i.e.*, Rockaway River and drainage ditch) as required under the 1986 ACO, and as proposed in the Post Remedial Monitoring Plan (PRMP) and other correspondence within NJDEP (Reference Sections 2, 3, 4, and 5).
- Prepared a Remedial Investigation Workplan that will focus on gathering the data necessary to institute measures that will prevent discharge of groundwater contamination into the ditch and Rockaway River (per NJDEP letter dated June 19, 2008) (Reference Sections 3 and 5)

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

- <u>MW19/Hot Spot 1</u>: These data show that intrinsic bioremediation processes are strong and actively working to break down BTEX components related to residual soil contamination. Contamination is limited to the site and the area of dissolved-phase groundwater contamination is apparently reducing over time. However, following receipt of the NJDEP Notice of Deficiency (NOD) dated October 16, 2008 regarding regulatory review of the

September 2007 Remedial Action Selection Report (RASR), further delineation of residual soil contamination [lateral and vertical extent] is currently being scoped, and will be presented to both USEPA and NJDEP in the form of a Remedial Investigation Workplan (RIW) on or before November 19, 2008.

- Source Area: Shallow groundwater flow is similar to flow that occurred before the source reduction in that shallow groundwater at the site is recharged by Washington Forge Pond, as well as the first 600 feet of the Rockaway River below the dam. The effect of the buried slurry monolith on groundwater flow is very limited in extent and occurs mainly along the edges of the excavation area. Specifically, the presence of the monolith does not change the overall horizontal component of flow direction towards the drainage ditch, the wetland area, and the river. Dissolved phase contaminant concentrations were detected at a number of source area PRMP monitoring locations in 3Q08, along with a thin measurable thickness of Light Non Aqueous Phase Liquid (LNAPL) at one wetland monitoring well. As a result, RMT prepared a Remedial Investigation Workplan (RIW) to further evaluate concentrations and LNAPL remaining in the source area. The RIW was also prepared to satisfy the requirements outlined in NJDEP's Notice of Deficiency (NOD) letter received on June 25, 2008 following review and comment on previous RAPRs.
- Surface Water: Rockaway River samples show non-detect for all COCs. Surface water samples from the ditch show DEHP above New Jersey Groundwater Quality Standard (NJGQS) at locations SW-D-2 and SW-D-4, and non-detect at all locations for BTEX.

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

A comprehensive investigative and remedial history of the MW19/Hot Spot 1 AOC is presented in the 4th Quarter 2007 RAPR. As outlined in the 4Q07 RAPR, the MW19/Hot Spot 1 AOC has been under investigation since the early 1990's. Activities began with subsurface investigation and subsequent removal of two underground storage tanks (USTs) that provided bulk liquid waste storage for former operations in Building 9. Long-term monitoring and investigation of groundwater quality within the area, and a soil gas (2006) investigation, showed that naturally occurring biodegradation is occurring, resulting in a stable dissolved phase "plume" that is slowly shrinking over time, and does not pose a risk to the residences on the north side of Ross Street.

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

2.1 Sampling Methodology

RMT conducted the 3Q08 groundwater monitoring activities July 21 through July 24, 2008. Groundwater monitoring was performed in accordance with the procedures contained in the NJDEP's *Field Sampling Procedures Manual* dated May 1992 (Revised August 2005), and methodologies outlined in our May 2001 Monitored Natural Attenuation (MNA) work plan. The MNA work plan was approved by NJDEP on January 24, 2002. A site plan showing current conditions and locations of the monitoring points sampled this quarter are shown on Figure 2.

Three sample duplicates, trip blanks, a field (atmosphere) blank, two matrix spike/matrix spike duplicates (MS/MSDs), and three rinsate blanks were collected to satisfy Quality Assurance /

Quality Control (QA/QC) requirements outlined in the revised Quality Assurance Project Plan (QAPP) presented as Appendix C in the PRMP.

The trip blanks were prepared by the laboratory and remained with the sample containers until the samples were returned to the laboratory where they were analyzed for BTEX. The duplicates were collected from surface water location SW-R-4 (Dup-01), monitoring well GEI-2S (Dup-02), and MW-28S (Dup-03), and were analyzed for BTEX and bis (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 that decontamination procedures were adequate. Rinsate blank RB-01 was collected by circulating distilled water in a clean stainless steel sampling scoop. Any sampling equipment used at each well was decontaminated prior to each use utilizing an environmental detergent (Alconox) and clean water wash followed by a distilled water rinse. The field (atmosphere) blank was taken by opening a bottle of unpreserved distilled water, leaving the bottle open during the sampling of one well, and pouring that water directly into clean sample bottles with added preservative also provided by the laboratory. RMT submitted all samples to Environmental Science Corporation (ESC), located in Mt. Juliet, Tennessee for BTEX, DEHP, and MNA parameter analyses (State of New Jersey Lab Certification No. TN002).

2.2 Groundwater Elevations and Flow Direction

RMT measured static groundwater levels within 37 groundwater monitoring wells on July 21, 2008 as part of the sampling activities. In addition, surface water levels were measured at 8 separate locations along the Rockaway River and 5 locations along the drainage ditch. This data was used to calculate groundwater elevations with respect to the National Geodetic Vertical Datum (NGVD), and evaluate the groundwater flow pattern in the shallow aquifer system. Groundwater elevations summarized on Table 1 were used to prepare a site-wide shallow groundwater contour map (Figure 3).

Eleven (11) groundwater elevations calculated from depth to groundwater data (Table 1) were utilized to create the MW19/Hot Spot 1 shallow groundwater contours and flow direction depicted on Figure 4. Shallow groundwater flow direction in the MW19/Hot Spot 1 area is similar to that observed historically (generally toward the northeast). From a regional flow standpoint, overall flow is controlled by the Washington Forge Pond and the Rockaway River. The Rockaway Valley Regional Sewer Authority (RVRSA) storm sewer line that runs west to east down Ross Street has localized influences on the groundwater flow north and south of the utility corridor.

Groundwater elevation data obtained for the MW-19/Hot Spot 1 area wells continues to show that MW-19-12 is directly downgradient from the leading edge of residual groundwater

contamination (Figures 4 and 5). The 3Q08 groundwater sample laboratory test results (Table 2) for MW-19-12 show no detectable constituents of concern (COCs), and Figure 4 shows that no COCs are migrating past the site property line. These data, coupled with the fact that groundwater flow north of the RVRSA utility corridor is south towards the LEC site and that the vertical component of groundwater flow is upwards (compare water levels in MW-19-9D with that in MW-19-6), confirms that residual groundwater contamination is not migrating to the north of Ross St.

2.3 Delineation of Groundwater Contamination

2.3.1 Contaminants of Concern (COC)

Table 2 summarizes BTEX and DEHP concentrations for all of the seven (7) currently sampled MW19/Hot Spot 1 groundwater monitoring wells. The lateral distribution of total BTEX concentrations in the MW-19/Hot Spot 1 Area is shown on Figure 5. RMT sampled groundwater from the MW19/Hot Spot 1 monitoring wells on July 22 and July 23, 2008. Corresponding field sampling data and analytical laboratory reports are presented in Appendix B and Appendix C, respectively.

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

Toluene, ethylbenzene and total xylenes exceeded the higher of the C2A NJGWQS and PQL of 1000 µg/L, 700 µg/L and 1000 µg/L, respectively, in groundwater collected from MW-19 and MW-19-5. MW-19 also exceeded the higher of the C2A NJGWQS and PQL of 1µg/L, along with GEI-2S. GEI-2S also a detection of Toluene above the C2A NJGWQS and PQL of 1000 µg/L in the sample, but not the Duplicate sample collected.

During the second quarter of 2006 (2Q06), MW-19-12 was installed between MW-19-7 and MW-19-11 in order to determine if dissolved BTEX constituents existed further northeast towards the residences on Ross Street. As discussed above, data continue to show that MW-19-12 is downgradient of MW-19-7, and that no BTEX or DEHP were detected in MW-19-12. As shown on Figure 5, this indicates that existing residual groundwater contamination in the MW-19/Hot Spot 1 area is very limited in extent and poses no risk to residences on the north side of Ross Street.

In fact, data from MW-19-7 show that no dissolved COCs have migrated off-site since February 2007.

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

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

2.3.2 MNA Parameters and Data Analysis

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

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

Where NA processes are present, groundwater contamination stops migrating at some finite distance from the source because biodegradation prevents plume expansion once relative equilibrium conditions have been achieved with respect to microbially mediated processes. Based on isoconcentration maps from the past two years and the data in Table 2, it appears that the size and shape of the plume within the MW19/Hot Spot 1 Area is gradually reducing in size. For example at the upgradient edge of residual soil contamination, MW-19 shows evidence of overall concentration reductions over time.

Within or immediately adjacent to the downgradient edge of residual soil contamination, MW-19-5 shows variable concentrations over time related to infiltration and water table fluctuation events. Further downgradient from the residual soil contamination MW-19-7 shows the least amount of BTEX concentrations and the highest concentrations of various NA parameters that are produced as a function of biodegradation. In addition, as described above, concentrations of MW19-7 show that no COCs have migrated off-site since February 2007.

The low concentrations of sulfate and nitrate observed within the plume (*e.g.*, MW-19-5), as compared to upgradient concentrations (*e.g.*, MW-19-4), are positive evidence biodegradation is taking place in the MW-19/Hot Spot 1 Area. In addition, several other parameters, such as carbon dioxide (CO_2), alkalinity, methane, and ferrous iron, are produced by the same micro-organisms during contaminant degradation and are also being monitored and tracked across the site. Within the MW-19/Hot Spot 1 plume area, the concentrations of all four previously mentioned parameters are significantly higher than compared to background concentrations. These data, together with the trend to non-detect total BTEX concentrations in MW-19-7 and MW-19-12, indicate that biodegradation of BTEX compounds reaches completion 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.

Although the residual soil contamination is limited in extent, and the area of dissolved-phase groundwater contamination is apparently reducing over time it, it could take many years before achieving industrial cleanup levels. Therefore, in accordance with N.J.A.C. 7:26E, LEC has proposed remediating the MW-19 HS1 area as outlined in the September RASR (See Section 6.4).

Section 3
Source Reduction Area of Concern (AOC)

The 3Q08 monitoring event marks the second time that all of the wells specified in the PRMP have been sampled. The 3Q08 sampling event is the tenth event for the source area monitoring wells installed in June 2006. This long period of time since sampling and testing the 2006 wells began was a result of the more than two year period of time it took for the New Jersey LURP to approve the GP-14 and Stream Encroachment Permit applications.

Site-wide shallow groundwater contours and associated flow pattern are shown on Figure 3. The contours were prepared by utilizing the surveyed groundwater elevations from the new PRMP wells, existing site wells, and river and ditch surface water elevations (Table 1). The map shows that shallow groundwater flow is similar to flow that occurred before the source reduction in that shallow groundwater at the site is recharged by Washington Forge Pond, as well as the first 600 feet of the Rockaway River below the dam ("losing" reach of river; see approximate flow direction arrows on Figure 3). Further downgradient, site groundwater nearest the river flows generally parallel to the river, and eventually becomes influent to the river just downgradient of the source reduction area (in the Wharton Enterprises wetland area). Also, similar to the pre-source reduction flow, some of the site shallow groundwater becomes influent to the ditch surface water; this flow-path is supported by the occasional low detections of COCs in some of the ditch surface water samples (see Section 5).

Note that the groundwater contour map also shows the effect of the buried slurry monolith on groundwater flow, and that effect is very limited in extent, mainly along the edges of the excavation area. Specifically, the area of the monolith can be approximated by the shape of the low swale roughly defined by the 629-foot ground elevation contour, and the inferred 624.5-foot and 624-foot groundwater contours roughly mimics the shape of that swale. The presence of the monolith does not change the overall horizontal component of flow direction which as shown on Figure 3 and described above is directed towards the ditch, the wetland area, and the river.

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

In 3Q08 low levels of dissolved groundwater contamination continue to be found in the source reduction area interior monitoring wells MW-28s and MW-28i (Table 2). The concentrations of dissolved ethylbenzene, and xylene appear to be generally decreasing over time in the MW-28 well cluster. In fact, no BTEX constituents are present at levels that exceed current NJGWQS. Dissolved DEHP increased at the MW-28s and MW-28i during 3Q08, but the overall trend is a decrease in DEHP concentration.

Site contaminants of concern also continue to be found dissolved in groundwater from source reduction area downgradient well MW-30s. However, for the past five events, no contaminants have been detected in wells MW-30i and MW-30d. This indicates that the vertical extent of site constituents of concern in the vicinity of the MW-30 cluster is limited to only the top five feet or less of the shallow water table (within the first five feet of aquifer immediately below the slurry monolith). In addition, BTEX is fluctuating in monitoring well MW-30s, but overall concentrations appear to be decreasing. The trend of DEHP in MW-30s is less clear, and appears to fluctuate from quarter to quarter. Some of the fluctuations show DEHP concentrations above the saturation limit for that constituent.

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

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

During 3Q08, groundwater samples collected from all of the wetland area wells, with the exception of MW-34s, had concentrations of DEHP above the higher of the C2A NJGWQS and PQL. Groundwater samples collected from MW-31s, MW-32s and MW-35s also contained concentrations of ethylbenzene and total xylenes significantly above the higher of the C2A NJGWQS and PQL (Table 2). Benzene was above the higher of the C2A NJGWQS and PQL at MW-33s and MW-35s (Table 2). In addition, free product was measured in MW-32s (Table 1).

As shown on Figure 3, this well is located within the former PCB area, downgradient from the LNAPL and smear zone excavation area. Free product had not previously been measured at the MW-32s location. Low levels of dissolved groundwater contamination were found in shallow monitoring wells MW-34s (Table 2). The concentration trends of dissolved benzene, ethylbenzene, and xylenes will continue to be carefully monitored. Furthermore, additional investigations to determine nature and extent is proposed for this area as addressed in the RIW. The work that was proposed in the RIW will focus on gathering data that will be used to develop a means to prevent further discharge of groundwater contamination into the ditch and Rockaway River.

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

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

Section 4
Surface Water Area of Concern (AOC)

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

4.1 Eastern Drainage Channel

As part of the 3Q08 event, RMT sampled five (5) points within the eastern drainage channel that separates the adjacent Air Products property from the LEC site and the adjacent Wharton Enterprises property for surface water quality. This sampling was conducted at the request of NJDEP as outlined in their letter dated March 23, 2005.

During the 3Q08 sampling event, locations SW-D-1, SW-D-2, SW-D-3, SW-D-4, and SW-D-5 were sampled. Sample SW-D-1 is located at the upstream end (head) of the ditch. Sample SW-D-2 is located just downgradient of the bend around the Air Products property adjacent to the area where free product seeps were observed before completion of the source reduction. Sample SW-D-3 is located at the downgradient end of the ditch, just west of the connecting channel that feeds into the Rockaway River. Sample SW-D-4 is located just upgradient of the bend around the Air Products property on the LEC side of the ditch. SW-D-5, added during the 3Q06 event, is located within the channel that connects the ditch to the Rockaway River; just above [north] the beaver dam. All surface water sample locations are shown on Figure 2. The laboratory analytical results for these drainage ditch samples are summarized on Table 5.

DEHP was detected above NJSWQC at SW-D-2 and SW-D-4. BTEX was not detected in any ditch sample.

4.2 Rockaway River

In addition to the drainage channel, RMT also collected seven (7) surface water samples from the Rockaway River (Ref. Figure 2 and Table 5).

Sample SW-R-1 was collected near the river edge adjacent to the location where product sheen had been previously observed (before the source reduction) to be migrating directly into the river. As discussed in earlier reports, the sheen was discovered in 2004 as a visible coloration

on top of quiescent water pooled within the wetland area. The surface water sample from SW-R-1 was non-detect for DEHP and BTEX.

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

River sample SW-R-3 was taken upstream of SW-R-2, near the SG-R3 staff gauge. The surface water sample collected in the river at SW-R-3 did not contain any detectible concentrations of BTEX. The DEHP concentration was higher than the NJSWQC of 1.3 μg/L. RMT suspected potential laboratory error due to results being far less in concentration during all previous sampling events. ESC was instructed to rerun the sample for DEHP. The results came back less then the initial run (26 μg/L compared to the original 150 μg/L), but still higher than the NJSWQC. RMT re-sampled SW-R-3 on August 15, and collected BTEX and DEHP samples that were submitted to both ESC and Lancaster Laboratories to evaluate potential laboratory contamination. There was no detection of BTEX or DEHP from either laboratory. The latter non-detect results, together with the fact that the hydraulic gradient at that point is inwards to the site (losing stretch of river), strongly suggests that the previous result was not representative of actual surface water conditions.

Rockaway River surface water samples SW-R-4 and SW-R-6, and Washington Forge Pond surface water sample SW-R-5 were non-detect for all COCs.

Another surface water sample was collected in the ditch near its intersection with the Rockaway River (approximately 10 feet upstream in the drainage channel; see Figure 2). This location represents the discharge point from the ditch/beaver pond into the Rockaway River. Similar to the other river samples collected, the "Ditch-River Confluence" sample DRC-2 was non-detect for BTEX and DEHP.

Surface water sampling at the eastern drainage ditch as well as the Rockaway River and Washington Forge Pond will continue to take place during each quarterly monitoring event. Specifics regarding surface water sampling locations, frequency and analytes are presented in the PRMP and associated Quality Assurance Project Plan (QAPP).

Section 5
Additional and Future Project Activities

The following section briefly outlines additional activities completed in 3Q08 and activities anticipated for completion during 4Q08. The 4Q08 monitoring event is scheduled for the week of October 27, 2008. An updated Master Project Schedule is presented in Appendix I.

5.1 Remedial Investigation Workplan

On August 22, 2008, RMT submitted to NJDEP and USEPA a Remedial Investigation Workplan (RIW) regarding dissolved phase contamination entering the ditch and river. The RIW was submitted in response to the requirements outlined in NJDEP's Notice of Deficiency letter received on June 25, 2008. The RIW scope will also addressed the delineation of LNAPL in the wetland area.

5.2 MW19/Hot Spot 1 Soil Gas Investigation and RASR

On May 9, 2006 RMT, on behalf of LEC, submitted a soil gas investigation report documenting field implementation and the results of a soil gas investigation conducted in the MW19/Hot Spot 1 area to comply with the October 2005 NJDEP Vapor Intrusion Guidance and revised NJDEP Field Sampling Procedures Manual (August 2005). During a January 23, 2007 phone conversation, NJDEP indicated that formal regulatory response following review of this report would be forwarded to both LEC and RMT by the end of February 2007. LEC received an NOD comment letter from the NJDEP, dated June 20, 2007. RMT, on behalf of LEC, prepared a request for a 45-day extension dated July 17, 2007 for the submittal of the Remedial Action Selection Report (RASR) outlined in the NJDEP NOD. NJDEP approved the 45-day extension. Subsequently, LEC performed a source area investigation and submitted the RASR to NJDEP and USEPA on September 4, 2007. NJDEP issued comments on the RASR in their NOD letter dated October 16, 2008. RMT is currently preparing a work plan to address the NOD and will submit it to the NJDEP by November 20, 2008.

5.3 Wetland Monitoring, Invasive Species Control, and Reporting

Fall 2008 monitoring and invasive species control events were completed in the Spring and Fall of 2008. An annual report will be submitted in December of 2008.

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 (7)(8)						
		BASELINE LOCATION (FT)		ELEVATION (FT. MSL)									
		NJ State Plane Coordinates											
		(Y) North	(X) East	GROUND (6)	OUTER CASING	INNER WELL CASING	MEAS. DATE	PRODUCT DEPTH	WATER DEPTH	PRODUCT ELEV.	WATER ELEV.	PRODUCT THICKNESS (FT)	CORRECTED WATER ELEVATION
GEI-2I	Piezometer	754573.99	470499.76	635.32	637.75	637.60	21-Jul-08		11.92		625.68		
GEI-2S	Piezometer	754566	470506.18	634.86	637.27	637.07	21-Jul-08		11.78		625.29		
GEI-3I	Piezometer	754311.79	470453.7	636.96	639.39	639.25	21-Jul-08		14.11		625.14		
MW-8	Monitoring Well	754099.29	471251.06	627.39	629.96	628.19	21-Jul-08		3.77		624.42		
MW-9	Monitoring Well	754075.94	471111.03	628.61	631.09	629.58	21-Jul-08		4.68		624.90		
MW-12S(R)	Monitoring Well	754055.97	471042.34	631.57	634.26	633.73	21-Jul-08		8.96		624.77		
MW-13S	Monitoring Well	754353.97	471370.04	627.74	630.80	630.63	21-Jul-08		6.58		624.05		
MW-13S(R)	Monitoring Well	754333.07	471365.71	627.66	630.36	629.99	21-Jul-08		NM		--		
MW-13I	Monitoring Well	754337.8	471360.31	627.76	630.28	630.06	21-Jul-08		5.91		624.15		
MW-15S	Monitoring Well	754326.58	470891.83	634.23	636.43	636.17	21-Jul-08		11.62		624.55		
MW-15I	Monitoring Well	754325.8	470901.47	634.14	636.28	636.06	21-Jul-08		11.58		624.48		
MW-17	Monitoring Well	754109.68	470759.85	632.35	634.32	634.19	21-Jul-08		9.66		624.53		
MW-18S	Monitoring Well	754677.95	471117.26	627.62	630.88	630.66	21-Jul-08		Dry		--		
MW-18I	Monitoring Well	754675.11	471106.07	627.75	630.59	630.44	21-Jul-08		NM		--		
MW-19	Monitoring Well	754537.15	470454.45	636.22	636.23	635.90	21-Jul-08		10.50		625.40		
MW-19-1	Monitoring Well	754534.52	470427.63	635.93	635.96	635.64	21-Jul-08		10.26		625.38		
MW-19-2	Monitoring Well	754551.81	470429.56	636.46	636.50	636.30	21-Jul-08		10.93		625.37		
MW-19-3	Monitoring Well	754539.4	470394.2	636.97	637.06	636.70	21-Jul-08		11.26		625.44		
MW-19-4	Monitoring Well	754505.39	470432.08	635.69	635.76	635.43	21-Jul-08		9.97		625.46		
MW-19-5	Monitoring Well	754566.53	470470.75	635.93	635.93	635.56	21-Jul-08		10.25		625.31		
MW-19-6	Monitoring Well	754578.87	470443.1	636.17	636.16	635.82	21-Jul-08		10.50		625.32		
MW-19-7	Monitoring Well	754595.66	470501.7	635.31	635.36	635.00	21-Jul-08		9.74		625.26		
MW-19-8	Monitoring Well	754617.42	470493.65	635.82	635.82	635.36	21-Jul-08		10.12		625.24		
MW-19-9D	Monitoring Well	754590	470442	636.39	636.41	636.10	21-Jul-08		10.25		625.85		
MW-19-10	Monitoring Well	754625.75	470590.81	634.72	634.81	634.43	21-Jul-08		NM-Abandoned		--		
MW-19-11	Monitoring Well	754617.45	470546.95	634.22	634.26	633.67	21-Jul-08		NM		--		
MW-19-12	Monitoring Well	754627.53	470529.72	634.93	634.93	634.46	21-Jul-08		9.44		625.02		
MW-21 (3)	Monitoring Well	754240.97	471645.78	624.57	628.49	628.20	21-Jul-08		4.40		623.80		
MW-25(R) (3)	Monitoring Well	754201.83	471518.21	624.65	626.77	626.62	21-Jul-08		3.54		623.08		
MW-27s	Monitoring Well	754253.78	470672.69	635.82	635.78	635.07	21-Jul-08		10.36		624.71		
MW-28S	Monitoring Well	754243.26	471034.34	628.20	631.28	631.14	21-Jul-08		7.12		624.02		
MW-28I	Monitoring Well	754242.87	471031.19	628.25	631.20	631.04	21-Jul-08		7.02		624.02		
MW-29S	Monitoring Well	754411.14	471187.85	629.94	632.83	632.66	21-Jul-08		8.72		623.94		
MW-30S	Monitoring Well	754281.65	471265.12	624.99	628.24	628.24	21-Jul-08		4.47		623.77		
MW-30I	Monitoring Well	754286.42	471263.15	625.14	628.15	628.01	21-Jul-08		4.23		623.78		
MW-30D	Monitoring Well	754290.05	471261.2	625.20	628.22	628.02	21-Jul-08		4.24		623.78		
SG-R2 (3)	Rockaway River Monitoring Point	754056.10	470946.46	629.41	--	-	21-Jul-08		3.25		626.16		
SW-R-1 (4)	Rockaway River Monitoring Point	754125.56	471523.00	625.87	--	-	21-Jul-08		2.95		622.92		
SW-R-2 (4)	Rockaway River Monitoring Point	754112.82	471426.51	626.54	--	-	21-Jul-08		Dry		--		
SW-R-3 (4)	Rockaway River Monitoring Point	754149.30	471368.76	626.25	--	-	21-Jul-08		2.28		623.97		
SW-R-4 (4)	Rockaway River Monitoring Point	754088.00	471279.58	627.57	--	-	21-Jul-08		2.87		624.70		
SW-R-5 (4)	Rockaway River Monitoring Point	754314.04	470408.85	640.66	--	-	21-Jul-08		1.98		638.68		
SW-R-6 (4)	Rockaway River Monitoring Point	754071.52	470697.75	631.68	--	-	21-Jul-08		NM-damaged		--		
SW-D-1 (5)	Drainage Channel Staff Gauge	754428.36	471240.17	625.75	--	-	21-Jul-08		Dry		--		
SW-D-2 (5)	Drainage Channel Staff Gauge	754285.35	471361.22	626.07	--	-	21-Jul-08		2.61		623.46		
SW-D-3 (5)	Drainage Channel Staff Gauge	754381.23	471548.18	625.70	--	-	21-Jul-08		2.18		623.52		
SW-D-4	Drainage Channel Monitoring Point	754297.19	471292.08	624.93	--	-	21-Jul-08		1.45		623.48		
SW-D-5	Drainage Channel Monitoring Point	754223.14	471920.10	626.86	--	-	21-Jul-08		Dry		--		
DRC-2	Drainage Channel Monitoring Point	754117.49	471971.58	623.29	--	-	21-Jul-08		2.75		620.54		
MW-31S	Monitoring Well	754241.65	471341.5	627.94	630.00	629.82	21-Jul-08		6.31		623.51		
MW-32S	Monitoring Well	754207.08	471359.83	628.15	630.33	630.18	21-Jul-08	6.98	7.09	623.20	623.09	0.11	623.19
MW-33S	Monitoring Well	754170.51	471311.04	628.85	631.06	630.91	21-Jul-08		7.02		623.89		
MW-34S	Monitoring Well	754178.83	471399.49	628.07	629.97	629.93	21-Jul-08		6.49		623.44		
MW-35S	Monitoring Well	754179.62	471445.17	627.43	629.59	629.19	21-Jul-08		5.81		623.38		

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) 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) Outlined in the PRMP the six (6) new Rockaway River monitoring points reference survey elevation was shot at the top of a stake installed to each point
(5) SW-D-1, SW-D-2 and SW-D-3 were resurveyed points at the top of the stake that secures each drainage ditch staff gauge.
These points were reshot to insure the reference elevation integrity remained for each of the 3 staff gauges as a result of source reduction remedial disturbance.
(6) Ground reference elevation for SG and SW series gauges and monitoring points is a point specific to each devise (i.e., top of stake, to of gauge, notched point on concrete or iron etc)
(7) Horizontal Datum: New Jersey State Plane Coordinate System NAD 83. Vertical Datum: NAVD 88
(8) Corrected water level elevations utilize an average specific gravity of 0.9363 (RMT, Inc. product samplig in October 1999)

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

MONITORING WELLS	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
			ANALYTICAL PARAMETERS				
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	1,000	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	1,000	1,000	3
MW19							
Dilution factor for BTEX 2000	24-Feb-95	1	< [redacted]	[redacted]	[redacted]	[redacted]	NA
Dilution factor for BTEX 100	14-Jun-95	2	[redacted]	[redacted]	[redacted]	[redacted]	NA
Dilution factor 5000 for BTEX & 2 for DEHP; MDL for Benzene 1000 ug/l	24-Apr-98	2	< [redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Dilution factor for BTEX 500	2-Aug-01	3	< [redacted]	[redacted]	[redacted]	[redacted]	3
Dilution factor for BTEX 1000	6-Jun-02	2	< [redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Dilution factor for BTEX 100, Toluene 200	20-Nov-03	4	< [redacted]	[redacted]	[redacted]	[redacted]	J [redacted]
	15-Jun-04	2	< [redacted]	[redacted]	[redacted]	[redacted]	J [redacted]
Dilution factor for BTEX 100, Toluene 500	10-Aug-04	3	< [redacted]	[redacted]	[redacted]	[redacted]	J 2
Dilution factor for BTEX 50	13-Jan-05	1	< [redacted]	[redacted]	[redacted]	[redacted]	< 1
Lower Grab Water Sample; Dilution factor for BTEX 5	8-Apr-05	2	< 1	97	[redacted]	530	J 3
Upper Grab Water Sample; Dilution factor for Toluene 5	8-Apr-05	2	< 0.2	86.0	410.0	430.0	J 3.0
Dilution factor for BTEX 200	27-Jul-05	3	< [redacted]	[redacted]	[redacted]	[redacted]	J 2
Dilution factor for BTEX 100	27-Oct-05	4	< [redacted]	200	[redacted]	[redacted]	J [redacted]
Dilution factor for BTEX 250	28-Feb-06	1	< [redacted]	[redacted]	[redacted]	[redacted]	J 3
Dilution factor for BTEX 200	20-Jun-06	2	< [redacted]	[redacted]	[redacted]	[redacted]	J 3
Dilution factor for BTEX 200	13-Sep-06	3	< [redacted]	[redacted]	[redacted]	[redacted]	J 3
Dilution factor for BTEX 200	8-Nov-06	4	< [redacted]	[redacted]	[redacted]	[redacted]	J 2
Dilution factor for BTEX 500	8-Feb-07	1	< [redacted]	[redacted]	[redacted]	[redacted]	< 1
Dilution factor for BTEX 50, Toluene 200	27-Jun-07	2	< [redacted]	680	[redacted]	[redacted]	< 1
Dilution factor for BTEX 100, Toluene 500	12-Sep-07	3	< [redacted]	[redacted]	[redacted]	[redacted]	3
Dilution factor for BTEX 250, DEHP 1.1	4-Dec-07	4	< [redacted]	[redacted]	[redacted]	[redacted]	< 1
	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1
Dilution factor for BEX 100, Toluene 200, DEHP 1.05	7-May-08	2	< [redacted]	650	[redacted]	[redacted]	< 1
Dilution factor for Benzene 10, Ethylbenzene & Xylenes 200, Toluene 500	23-Jul-08	3	< [redacted]	[redacted]	[redacted]	[redacted]	< 1
MW19-4							
	12-Mar-98	1	< 0.2	< 0.1	< 0.1	< 0.5	< 1.3
	2-Aug-01	3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5
	6-Jun-02	2	< 0.22	< 0.18	< 0.24	< 0.20	< 0.50
	19-Nov-03	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	28-Feb-06	1	< 0.2	< 0.2	2.2	< 0.6	< 1.0
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	12-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	12-Sep-06	3 duplicate	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 10	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	[redacted]
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	4-Dec-07	4 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.11	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	1.1
Dilution factor for DEHP 1.11	6-May-08	2 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
MW19-5							
Dilution factor for BTEX 5000	12-Mar-98	1	< [redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Dilution factor for BTEX 1000	2-Aug-01	3	< [redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Dilution factor for BTEX 500	7-Mar-02	1	< [redacted]	300	[redacted]	[redacted]	1
Dilution factor for BTEX 5000, for DEHP 20	5-Jun-02	2	< [redacted]	[redacted]	[redacted]	[redacted]	< [redacted]
Dilution factor for BTEX 5000, for DEHP 20	5-Jun-02	2 duplicate	< [redacted]	[redacted]	[redacted]	[redacted]	< [redacted]
	19-Nov-03	4	< 0.2	< 0.2	4.3	J 0.9	< 0.9
	18-Dec-03	4 resample	< 0.2	3.7	240.0	24.0	< 0.9
	16-Jun-04	2	< [redacted]	[redacted]	[redacted]	[redacted]	J 1
	10-Aug-04	3	< [redacted]	[redacted]	[redacted]	[redacted]	J 1
Dilution factor for BTEX 10	13-Jan-05	1	< [redacted]	64	[redacted]	340	< 1
Dilution factot for BTEX 200, Lower Grab Water Sample	9-Apr-05	2	< [redacted]	[redacted]	[redacted]	[redacted]	J 1
Upper Grab Water Sample	9-Apr-05	2	< 0.2	J 0.4	9.5	J 2.3	< 1.0
Dilution factor for BTEX 500	26-Jul-05	3	< [redacted]	[redacted]	[redacted]	[redacted]	< 1
	27-Oct-05	4	< 0.2	6.8	140.0	37.0	< 1.0
Dilution factor for BTEX 100	28-Feb-06	1	< [redacted]	290	[redacted]	[redacted]	< 1
Dilution factor for BTEX 20	20-Jun-06	2	< [redacted]	130	[redacted]	730	< 1
Dilution factor for BTEX 100	13-Sep-06	3	< [redacted]	550	[redacted]	[redacted]	< 1
Dilution factor for BTEX 100	8-Nov-06	4	< [redacted]	410	[redacted]	[redacted]	[redacted]

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L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

MONITORING WELLS	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
			ANALYTICAL PARAMETERS				
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	1,000	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	1,000	1,000	3
Dilution factor for BTEX 500	8-Feb-07	1	< [redacted]	[redacted]	[redacted]	[redacted]	< 1
Dilution factor for BTEX 100, Toluene 1000	27-Jun-07	2	< [redacted]	[redacted]	[redacted]	[redacted]	< 1
Dilution factor for BTEX 100, Toluene 500	12-Sep-07	3	< [redacted]	[redacted]	[redacted]	[redacted]	1
Dilution factor for BEX 200, Toluene 50, DEHP 1.1	4-Dec-07	4	< [redacted]	[redacted]	[redacted]	[redacted]	< 1
	20-Feb-08	1	< 1	8	190	45	< 1
Dilution factor for Toluene 5 [DUP-03]	20-Feb-08	1 duplicate	< 1	6	200	34	< 1
Dilution factor for BEX 5, Toluene 100, DEHP 1.05	7-May-08	2	[redacted]	270	[redacted]	[redacted]	< 1
	22-Jul-08	3	< 1.0	[redacted]	[redacted]	[redacted]	< 1
MW19-6							
Dilution factor for BTEX 200	15-Nov-99	4	< [redacted]	94	[redacted]	500	[redacted]
Dilution factor for BTEX 2	1-Aug-01	3	< 0.4	14.0	390.0	47.0	[redacted]
	5-Jun-02	2	< 0.22	1.70	13.00	4.10	2.30
	18-Nov-03	4	< 0.2	< 0.2	J 0.3	< 0.6	J [redacted]
	17-Jun-04	2	< 0.2	J 0.4	1.1	1.2	J 3.0
	10-Aug-04	3	< 0.2	4.6	38.0	18.0	J [redacted]
	13-Jan-05	1	< 0.2	4.0	36.0	14.0	J 1.0
Lower Grab Water Sample	9-Apr-05	2	< 0.2	16.0	160.0	64.0	< 1.0
Upper Grab Water Sample	9-Apr-05	2	< 0.2	11.0	74.0	37.0	< 1.0
	26-Jul-05	3	< 0.2	3.6	27.0	14.0	J 2.0
	27-Oct-05	4	< 0.2	5.4	110.0	25.0	< 0.9
	28-Feb-06	1	< 0.2	5.8	65.0	23.0	< 1.0
	20-Jun-06	2	< 0.2	1.7	3.2	5.0	< 1.0
	20-Jun-06	2 duplicate	< 0.2	1.7	3.2	4.9	< 1.0
	12-Sep-06	3	< 0.2	J 0.3	1.0	J 0.9	< 1.0
	7-Nov-06	4	< 0.2	J 0.3	< 0.2	J 0.6	< 0.9
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.25	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
MW19-7							
Dilution factor for BTEX 50	15-Nov-99	4	< [redacted]	100	51	[redacted]	< [redacted]
Dilution factor for BTEX 2	1-Aug-01	3	[redacted]	6.6	13.0	680	< 0.4
Dilution factor for BTEX 5	7-Mar-02	1	[redacted]	< 1	< 1	250	2
	5-Jun-02	2	0.48	1.60	27.00	27	< 0.40
	19-Nov-03	4	[redacted]	J 0.4	J 0.3	460	J 1.0
	16-Jun-04	2	J [redacted]	130.0	[redacted]	630	< 1.0
	16-Jun-04	2 duplicate	J [redacted]	130	[redacted]	610	< 1
	10-Aug-04	3	[redacted]	2	1	20	< 1
Dilution factor for BTEX 2	12-Jan-05	1	[redacted]	90.0	240.0	760	< 1.0
	12-Jan-05	1 duplicate	[redacted]	45.0	120.0	380	< 1.0
Lower Grab Water Sample; Dilution factor for BTEX 25	7-Apr-05	2	J [redacted]	210.0	[redacted]	[redacted]	< 1.0
Upper Water Grab Sample; Dilution factor for BTEX 10	7-Apr-05	2	J [redacted]	370	[redacted]	[redacted]	< 1
Lower Grab Water Sample	27-Jul-05	3	[redacted]	< 0.2	J 0.2	J 1.7	< 0.9
Upper Grad Water Sample	27-Jul-05	3	[redacted]	< 0.2	J 0.5	J 2.4	< 1.0
Dilution factor for BTEX 200	27-Oct-05	4	J [redacted]	[redacted]	[redacted]	[redacted]	< 1
Dilution factor for Total Xylenes 5	28-Feb-06	1	[redacted]	4.9	J 0.3	870	< 1.0
Dilution factor for Total Xylenes 5	28-Feb-06	1 duplicate	[redacted]	5.0	J 0.3	840	< 0.9
	20-Jun-06	2	[redacted]	19.0	J 0.6	550	< 1.0
Dilution factor for Total Xylenes 5	12-Sep-06	3	[redacted]	33.0	J 0.3	440	< 1.0
	8-Nov-06	4	[redacted]	< 0.2	< 0.2	26	< 0.9
	7-Feb-07	1	[redacted]	< 1.0	< 5.0	< 3.0	< 1.0
	7-Feb-07	1 duplicate	[redacted]	< 1.0	< 5.0	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	23	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.1	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
	19-Feb-08	1	< 1.0	7.3	55.0	36	< 1.0
Dilution for DEHP 1.05	7-May-08	2	< 1.0	< 1.0	< 5.0	5.6	< 1.0
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
MW19-12	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	12-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0

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Groundwater Monitoring Data

MONITORING WELLS	SAMPLE DATE	QUARTER	ANALYTICAL PARAMETERS: Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	1,000	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	1,000	1,000	3
	7-Nov-06	4 duplicate	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
	6-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.11	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
GEI-2S							
	24-Feb-95	1	< 0.2	46	7,600	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	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.18	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for Toluene 10	22-Jul-08	3	0.7	34	1,000	170	< 1.0
Dilution for Toluene 10	22-Jul-08	3 duplicate	0.1	31	830	160	< 1.0
MW-8							
	1-Sep-89	3					
	1-Jan-90	1					
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	15	< 1.0
MW-25R							
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	21-Jun-06	2 duplicate	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	13-Sep-06	3	< 0.2	< 0.2	J 0.5	< 0.6	J 1.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	1.6
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP is 1.3	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.3
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.29	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.3
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
MW-27s							
	22-Jun-06	2	J 0.6	3.7	3.9	14	J 3.0
	11-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	J 2.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	J 1.0
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	1.2
Dilution factor for DEHP is 1.4	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.4
Dilution factor for DEHP is 1.18	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
Dilution factor for DEHP is 1.18	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
MW-28s							
Dilution factor for BTEX 5	21-Jun-06	2	J 1.6	560.0	< 1.0	1,400	100
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3	J 0.2	210.0	< 0.2	450	50
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3 duplicate	J 0.3	220.0	< 0.2	470	50
Dilution factor for DEHP 10	7-Nov-06	4	< 0.2	92.0	< 0.2	180	50
Dilution factor for DEHP is 20	7-Feb-07	1	< 1.0	70.0	< 5.0	150	50
Dilution factor for DEHP is 20	7-Feb-07	1 duplicate	< 1.0	58.0	< 5.0	130	50
	27-Jun-07	2	< 1.0	30.0	< 5.0	56	25
Dilution factor for DEHP is 5	12-Sep-07	3	< 1.0	17.0	< 5.0	42	10
Dilution for DEHP is 1.2	6-Dec-07	4	< 1.0	32.0	< 5.0	96	14
Dilution for DEHP is 20	20-Feb-08	1	< 1.0	14.0	< 5.0	36	20
Dilution for DEHP is 11.1	7-May-08	2	< 1.0	2.7	< 5.0	6.6	100
Dilution for DEHP is 20	23-Jul-08	3	< 1.0	37	< 5.0	93	400

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

MONITORING WELLS	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
			ANALYTICAL PARAMETERS				
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	1,000	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	1,000	1,000	3
Dilution for DEHP is 10	23-Jul-08	3 duplicate	< 1.0	41	< 5.0	100	290
MW-28i							
Dilution factor for BTEX 5	22-Jun-06	2	< 1.0	480.0	< 1.0	1,300	270
Dilution factor for Xylene and DEHP is 5	13-Sep-06	3	< 0.2	72.0	J 0.6	520	120
	7-Nov-06	4	< 0.2	10.0	< 0.2	14	50
Dilution factor for DEHP is 10	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	78
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	3.9
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	21
Dilution for DEHP is 1.3	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	1.4
Dilution for DEHP is 5	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	31
Dilution for DEHP is 1.11	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	39
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	49
MW-29s							
	22-Jun-06	2	< 0.2	J 0.2	< 0.2	J 0.6	J 1.0
	14-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	J 1.0
	9-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	31
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dellution for DEHP 1.2	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.05 [DUP-02]	19-Feb-08	1 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.18	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
MW-30s							
	21-Jun-06	2	< 1.0	1,200	J 1.3	3,900	740
Dilution factor for BTEX 20, DEHP is 500	13-Sep-06	3	< 4.0	1,200	46.0	5,100	19,000
Dilution factor for BTEX 5, DEHP is 100	9-Nov-06	4	< 1.0	540	< 1.0	2,800	9,500
	7-Feb-07	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
Dilution factor for BTEX 5, DEHP is 2000	26-Jun-07	2	3.2	300	< 25	1,200	13,000
Dilution factor for DEHP is 50	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	680
Dilution factor for DEHP is 200	12-Sep-07	3 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	19,000
Dilution factor for DEHP is12, BTEX is 5	6-Dec-07	4	12	34.0	110	260	400
Dilution factor for DEHP is 111, BTEX is 5	20-Feb-08	1	< 5.0	110	< 25	480	3,600
Dilution factor for Total Xylene is 5, DEHP is 1.25	8-May-08	2	< 1.0	100	< 5.0	460	85
	22-Jul-08	3	< 1.0	14	< 5.0	86	80
MW-30i							
	21-Jun-06	2	J 0.3	38	1.4	170	J 2.0
	13-Sep-06	3	< 0.2	1.5	< 0.2	4.9	19
	8-Nov-06	4	< 0.2	J 0.2	< 0.2	< 0.6	J 1.0
	8-Nov-06	4 duplicate	< 0.2	J 0.2	< 0.2	< 0.6	< 1.0
	7-Feb-07	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	1.3
Dilution factor for DEHP 1.2	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
Dilution factor for DEHP 1.05	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.05	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.18	7-May-08	2 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
MW-30d							
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	J 3.0
	14-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	J 3.0
	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
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.1	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
Dilution factor for DEHP 1.1	4-Dec-07	4 duplicate	< 1.0	< 1.0	7.7	< 3.0	< 1.1
Dilution factor for DEHP 1.05	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.05	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

MONITORING WELLS	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
			ANALYTICAL PARAMETERS				
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	1,000	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	1,000	1,000	3
MW-31s							
Dilution factor for BTEX 500, DEHP 83.5	8-May-08	2	< 500	5,500	< 2,500	27,000	310
Dilution factor for Benzene & Toluene 20, Ethylbenzene and Xylenes 250, DEHP 500	23-Jul-08	3	< 20	9,000	< 100	45,000	18,000
MW-32s							
Dilution factor for BTEX 200, DEHP 121000	8-May-08	2	< 200	16,000	< 1,000	74,000	170,000
Dilution factor for Benzene & Toluene 50, Ethylbenzene and Xylenes 250, DEHP 200	23-Jul-08	3	< 50	8,800	< 250	55,000	1,000
MW-33s							
Dilution factor for DEHP 1.25	8-May-08	2	4	6.6	< 5.0	27	18
	23-Jul-08	3	1.9	< 1.0	< 5.0	3.3	21
MW-34s							
Dilution factor for Ethylbenzene and Total Xylenes 5 and for DEHP 1.33	6-May-08	2	1.3	230	< 5.0	2,200	3.0
Dilution factor for BTEX 20	23-Jul-08	3	< 20.0	470	< 100.0	2,400	1.6
MW-35s							
Dilution factor for Ethylbenzene and Total Xylenes 500, DEHP 67	6-May-08	2	1.3	230	< 5.0	1,200	690
Dilution factor for Benzene & Toluene 10, Ethylbenzene and Xylenes 250, DEHP 20	23-Jul-08	3	16.0	18,000	260.0	67,000	350
Atmospheric Blank	13-Jan-05	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	8-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	26-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	28-Feb-06	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	20-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	12-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	J 1.9	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
ATM-01	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
ATM-01, Dilution factor for DEHP 1.08	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Rinsate Blank							
	14-Jan-05	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	9-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	27-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	28-Feb-06	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	22-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	13-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	14-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	9-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	9-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	10-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	1.1
	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	2.7
	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-02	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-03	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	5-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-02	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-03	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

MONITORING WELLS	SAMPLE DATE	QUARTER	ANALYTICAL PARAMETERS: Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	1,000	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	1,000	1,000	3
Trip Blank							
	13-Jan-05	1	< 0.2	< 0.2	< 0.2	< 0.6	NA
	9-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	NA
	27-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	NA
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	NA
	28-Feb-06	1	< 0.2	< 0.2	< 0.2	< 0.6	NA
	20-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	NA
	12-Sep-06	3	< 0.2	J 0.2	< 0.2	< 0.6	NA
	13-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	NA
	6-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	NA
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	NA
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	NA
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	NA
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	NA
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	NA
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	NA
	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	NA
	18-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	NA
	5-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	NA
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	NA
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	NA

LEGEND

ug/L = micrograms per liter

NJ[illegible]ew Jersey Groundwater Quality Standards

< [illegible] the listed Method Detection Limit [MDL]

NA = [illegible]nalyzed

NS = Not Sampled

duplicate = Duplicate sample

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)

1.2 Concentration exceeds the higher of the PQL and the NJGWQS

NOTES

(1) Low flow sampling initiated 1st quarter 2002

(2) GEI series wells are piezometers installed by Weston

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

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

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

6) Those concentrations shown less than the MDL but are bold/italicized and shaded represent situations when the MDL is > than the higher of the NJGWQS & PQL [i.e., Benzene due to matrix effects]

TABLE 3

L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
	UNITS	cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
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	550	ND	ND	0.12	1.7 J	230	NS
	1Q05	350	17.2	347	0.22	ND	ND	7.4	230	NS
	2Q05[L]	390	10.8 J	413	2.8	ND	ND	33.3	3.0 J	NS
	2Q05[U]	1,400	15	455	3	ND	ND	30	2.0 J	NS
	3Q05	3	67	1,370	0	1.3	ND	6	33	NS
	4Q05	120	23	520	1	0.88	ND	37	19	NS
	1Q06	25	36	520	ND	ND	ND	3.3 J	140	NS
	2Q06	56	44	460	ND	0.43 J	ND	3.2 J	95	ND
Dilution factor for Methane 5	3Q06	60	13	435	ND	0.43 J	ND	5	310	ND
Dilution factor for Methane 100	4Q06	20	16	411	ND	ND	0	2.9 J	1,700	ND
	1Q07	140	7	340	ND	ND	ND	ND	540	ND
	2Q07	180	20	1,100	ND	0.62	ND	ND	380	ND
	3Q07	1,200	23	740	ND	0.76	0	ND	300	ND
	4Q07	FS	30	500	ND	0.64	0	ND	680	ND
	1Q08	150	3.6	190	2	ND	ND	25	ND	ND
Dilution factor for Dissolved Lead 5	2Q08	1,900	28	1,400	ND	0.52	ND	ND	650	ND
	3Q08	740	6.2	720	ND	0.57	ND	ND	510	ND
MW-19-4	1Q06	12	ND	190	2.4	ND	ND	37.4	ND	NS
	2Q06	520	8.4 J	1,170	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	720	4.9	ND	ND	50.1	ND	ND
	4Q06	29	ND	520	3	ND	ND	47.1	ND	ND
	1Q07	54	3	340	1.7	ND	ND	37	ND	ND
	2Q07	110	1.4	1,100	1.7	ND	ND	29	ND	ND
	3Q07	160	1.2	750	1.8	ND	ND	40	ND	ND
	3Q07D	160	ND	760	1.8	ND	ND	40	ND	ND
	4Q07	FS	1.3	710	2.6	ND	ND	38	ND	ND
	4Q07D	FS	ND	690	2.6	ND	ND	38	ND	ND
	1Q08	270	1.2	720	1.8	ND	ND	24	ND	ND
	2Q08	100	2.1	830	1.1	ND	ND	32	ND	ND
DUP-02	2Q08D	80	2.1	870	1.1	ND	ND	32	ND	ND
	3Q08	45	1	1,000	0.73	ND	ND	33	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	919	0.06 J	ND	ND	15.7	2100	NS
	1Q05	380	3.6 J	174	0.49	ND	ND	15.8	34	NS
	2Q05[L]	3000	3.6 J	177	ND	ND	ND	12	380	NS
	2Q05[U]	100	3.6 J	141	0.43	ND	ND	8.7	ND	NS
	3Q05	69	6.8 J	463	ND	ND	ND	7.7	1700	NS
	4Q05	58	ND	144	0.38	ND	ND	12.8	3.8 J	NS
	1Q06	12	ND	287	0.97 J	ND	ND	11.2	290	NS
	2Q06	22	9.2 J	190	0.19	ND	ND	14.2	150	ND
Dilution factor for Methane 10	3Q06	30	ND	275	0.12	ND	ND	10.2	700	ND
Dilution factor for Methane 10	4Q06	620	ND	236	0.1	ND	ND	10.9	640	ND
	1Q07	240	7	340	ND	0.51	ND	ND	500	0.011
	2Q07	91	18	350	ND	0.13	ND	ND	570	ND
Dilution factor for Methane 4	3Q07	110	7.8	360	ND	ND	ND	ND	840	ND
	4Q07	FS	5.1	240	0.13	0.14	0.12	7.8	370	ND
	1Q08	380	1.9	120	0.16	ND	ND	7.2	ND	ND
	1Q08D	170	1.8	120	0.15	ND	ND	7.2	ND	ND
	2Q08	560	3.3	370	0.15	ND	ND	13	340	ND
Dilution factor for Methane 4	3Q08	100	16	590	ND	0.3	ND	ND	1,500	ND
MW-19-6	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	35	10.4 J	1,070	1.6	ND	ND	37.3	140	NS
	3Q04	110	18.8	1,300	1.1	ND	0.062	38.3	140	NS
	1Q05	82	11.2 J	1,200	1.7	ND	ND	44	130	NS
	2Q05[L]	23	18	1,100	1.3	0.29 J	ND	33.5	44	NS
	2Q05[U]	160	ND	1,100	1	ND	ND	32.7	96	NS
	3Q05	90	40.8	1,530	1.1	ND	ND	35	38	NS
	4Q05	43	10.8 J	1,300	3.5	ND	ND	47.8	43	NS
	1Q06	14	4.4 J	830	1.8	ND	ND	36.6	50	NS
	2Q06	14	ND	800	2	ND	ND	38.3	44	ND
	2Q06D	15	ND	790	2	ND	ND	37.7	45	ND
	3Q06	75	4.4 J	880	2.6	ND	ND	37.1	32	ND
	4Q06	240	ND	670	2.3	ND	ND	38.3	31	ND
	1Q07	62	5.3	490	2.4	ND	ND	34	21	ND
	2Q07	70	8.7	1,000	2.9	ND	ND	48	230	ND

TABLE 3

L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
	UNITS	cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
	3Q07	100	2.6	620	2	ND	ND	40	68	ND
	4Q07	FS	3.2	710	2.3	ND	ND	36	87	ND
	1Q08	120	2.6	650	1.1	ND	ND	28	78	ND
	2Q08	22	2.9	7200	1.9	ND	ND	32	27	ND
	3Q08	140	6.2	6200	1.3	ND	ND	34	140	ND
MW-19-7	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	110	6.8 J	5110	0.21	ND	ND	47.2	5200	NS
	2Q04D	88	9.2 J	2600	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	10000	NS
Dilution factor for Methane 250	1Q05D	77	7.2 J	755	3.2	ND	ND	30.5	11000	NS
	2Q05[L]	32	54	472	ND	0.50 J	0.45	ND	13000	NS
	2Q05[U]	41	48	481	ND	0.35 J	0.32	ND	10000	NS
	3Q05[L]	17	45.6	1600	ND	ND	0.3	19.2	2900	NS
	3Q05[U]	17	31.6	1700	0.22	0.29 J	0.1	25.7	1600	NS
Dilution factor for Methane 250	4Q05	16	32	825	0.16	0.5	0.23	8.9	7700	NS
	1Q06	14	33.2	920	ND	ND	0.3	2.2 J	10000	NS
	1Q06D	10	36.8	920	ND	ND	0.3	1.6 J	10000	NS
Dilution factor for Methane 200	2Q06	68	16.8	1,353	0.87	ND	0.16	12.9	11000	ND
Dilution factor for Methane 100	3Q06	79	9.2 J	775	2.1	ND	0.15	15.1	8600	ND
Dilution factor for Methane 100	4Q06	600	4.4 J	860	3.4	ND	ND	31.3	5600	ND
Dilution factor for Methane 4	1Q07	38	18	420	0.59	ND	0.31	11	1200	ND
Dilution factor for Methane 5	1Q07D	40	19	440	0.69	ND	0.31	12	1300	ND
	2Q07	130	4.4	910	0.25	ND	ND	12	530	ND
	3Q07	890	1.8	1000	0.39	ND	ND	16	120	ND
	4Q07	FS	2.2	1200	2.6	0.23	ND	21	170	ND
	1Q08	180	6.7	1300	3.2	ND	ND	24	300	ND
	2Q08	52	6.8	1100	0.24	0.12	ND	17	430	ND
	3Q08	340	15	900	ND	0.11	0.11	ND	400	ND
MW-19-12	2Q06	4000	11.2 J	930	0.048 J	ND	ND	15.1	4.8 J	ND
Dilution factor for Methane 5	3Q06	170	6.4 J	622	0.36	ND	ND	22.9	170	ND
	4Q06	2	4.4 J	715	0.22	ND	ND	21.3	130	ND
	4Q06D	2	ND	715	0.17	ND	ND	21.8	130	ND
	1Q07	4	5.5	400	0.56	0.12	ND	20	ND	ND
	2Q07	55	ND	240	0.93	ND	ND	13	ND	ND
	2Q07D	8	ND	270	0.93	ND	ND	13	ND	ND
	3Q07	73	ND	290	0.89	ND	ND	13	ND	ND
	4Q07	FS	3	260	0.9	ND	ND	11	ND	ND
	1Q08	9	ND	160	0.84	ND	ND	5.7	ND	ND
	2Q08	ND	1.1	220	1	ND	ND	10	ND	ND
	3Q08	2	1.7	220	0.72	ND	ND	8.1	ND	ND
MW-8										
Dilution factor for Methane 10	3Q08	ND	66	300	ND	0.68	0.4	ND	3000	ND
MW-25R	2Q06	1100	18.8	340	ND	0.24 J	ND	2.9 J	140	ND
	3Q06	>5700	279	329	ND	0.24 J	0.14	3.3 J	30	ND
	4Q06	1000	16.8	331	ND	ND	ND	6.2	25	ND
	1Q07	240	49	300	ND	0.12	ND	ND	29	ND
	2Q07	>5700	100	340	ND	0.15	ND	5.9	33	ND
	2Q07D	>5700	100	350	ND	0.11	ND	6.4	32	ND
	3Q07	>5700	10	260	ND	ND	ND	14	ND	ND
	4Q07	FS	490	380	ND	0.41	0.43	10	ND	ND
	1Q08	>5700	140	360	ND	0.13	0.17	5.4	55	ND
	2Q08	>5700	200	330	ND	0.15	0.23	ND	130	ND
	3Q08	ND	68	380	ND	0.14	ND	ND	12	ND
MW-27s	2Q06	NR	5180	630	ND	0.26 J	4.8	43.3	20	ND
	3Q06	>5700	3850	790	ND	ND	1.4	108	3.7 J	ND
	4Q06	>5700	166	550	0.16	ND	0.82	116	2.3 J	ND
	1Q07	>5700	580	550	ND	ND	0.19	91	ND	ND
	2Q07	>5700	48	550	ND	ND	3.5	97	ND	ND
	3Q07	270	150	550	ND	ND	0.12	84	ND	ND
	4Q07	FS	260	550	0.16	0.45	ND	87	22	ND
	1Q08	>5700	850	530	0.65	ND	0.74	78	ND	ND
	2Q08	>5700	770	490	0.19	ND	0.91	67	ND	ND
Dilution factor for Phosphorus 5	3Q08	560	1,400	520	ND	0.14	17	61	11	ND
MW-28s	2Q06	6	35.2	350	ND	0.35 J	0.25	2.6 J	3100	ND
Dilution factor for Methane 200	3Q06	1,300	22	460	ND	0.26 J	0.37	ND	3,200	ND

TABLE 3

Through 3rd Quarter 2008

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Quarterly Groundwater Monitoring - MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
	UNITS	cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
Dilution factor for Methane 200	3Q06D	1,500	22	468	ND	ND	0.37	1.7J	3,100	ND
Dilution factor for Methane 100	4Q06	1	25	347	ND	ND	0.43	2.0 J	4,400	ND
	1Q07	460	180	350	ND	ND	0.42	ND	170	ND
	1Q07D	230	93	360	ND	ND	0.43	ND	810	0.0051
Dilution factor for Methane 10	2Q07	78	49	400	ND	0.14	0.34	ND	1,600	ND
Dilution factor for Methane 4	3Q07	ND	50	350	ND	ND	0.34	ND	1,100	ND
Dilution for Methane is 40	4Q07	320	42	330	ND	0.19	0.38	ND	1,900	ND
	1Q08	80	31	250	ND	0.14	0.36	ND	570	ND
Dilution for Methane is 10	2Q08	11	44	360	ND	0.19	ND	ND	1,400	ND
Dilution factor for Methane 4	3Q08	ND	52	340	ND	0.17	0.4	ND	0.86	0.0056
MW-28I										
Dilution factor for Methane 10	2Q06	290	28	367	0.047 J	ND	0.22	2.2 J	1900	ND
Dilution factor for Methane 100	3Q06	>5,700	42.8	338	ND	ND	0.19	3.5 J	1500	ND
Dilution factor for Methane 100	4Q06	440	15.6	335	ND	ND	0.22	3.0 J	1500	ND
	1Q07	110	34	380	0.1	0.2	0.35	ND	410	ND
Dilution factor for Methane 4	2Q07	24	23	330	ND	0.27	0.29	ND	710	ND
	3Q07	37	37	300	ND	0.28	0.27	ND	560	ND
	4Q07	160	34	360	ND	0.47	0.64	5.1	370	ND
	1Q08	ND	25	290	ND	0.37	0.29	ND	170	ND
Dilution factor for Methane 10	2Q08	17	38	560	ND	0.31	0.23	ND	870	ND
	3Q08	51	29	310	ND	0.25	280	ND	410	ND
MW-29s	2Q06	250	58.8	500	ND	11.9	0.45	4.0 J	1200	ND
Dilution factor for Methane 250	3Q06	>5700	54	500	ND	9.9	0.32	1.9 J	5000	ND
Dilution factor for Methane 100	4Q06	190	35.6	500	ND	8.3	0.29	3.9 J	5200	ND
	1Q07	30	41	570	0.14	7.5	0.34	ND	450	0.0054
Dilution factor for Methane 4	2Q07	150	56	490	ND	8.3	0.29	ND	1000	ND
Dilution factor for Methane 10	3Q07	1900	54	520	ND	8.1	0.4	ND	2500	ND
Dilution for Methane 10	4Q07	FS	66	500	ND	9.3	0.44	ND	3100	0.014
Dilution for Lead 5	1Q08	93	60	570	ND	7.5	0.34	ND	2000	ND
Dilution for Lead 5	1Q08D	120	38	570	ND	7.6	0.35	ND	1800	ND
Dilution for Methane 10	2Q08	65	40	490	ND	8.2	0.3	ND	2100	ND
Dilution factor for Methane 4	3Q08	130	20	480	ND	7.7	0.41	ND	1,700	ND
MW-30s	2Q06	2200	75.6	348	ND	0.86	0.17	5.2	3800	ND
Dilution factor for Methane 200	3Q06	>5700	132	457	ND	0.89	0.32	ND	2500	ND
Dilution factor for Methane 100	4Q06	>5700	147	448	ND	1.1	0.24	5.5	6500	ND
Dilution factor for Methane 10	2Q07	>5700	650	350	ND	0.94	1.6	ND	1800	ND
Dilution factor for Methane 4	3Q07	>5700	220	440	ND	1	0.34	ND	1700	ND
Dilution factor for Methane 4	3Q07D	>5700	180	400	ND	1.1	0.33	ND	1500	ND
Dilution factor for Methane 10	4Q07	>5700	120	520	ND	1.3	0.22	ND	1900	ND
Dilution factor for Methane 4	1Q08	1,100	2,300	410	ND	0.97	1.2	ND	1,300	ND
Dilution factor for Methane 10	2Q08	>5700	36	320	ND	0.93	0.26	ND	1,700	ND
Dilution factor for Methane 4	3Q08	ND	36	390	ND	2.60	0.29	ND	1,800	ND
MW-30I	2Q06	>5700	18.8	369	ND	1.8	0.15	8.2	1100	ND
Dilution factor for Methane 100	3Q06	290	41.6	414	ND	0.83	0.23	3.2 J	1200	ND
Dilution factor for Methane 50	4Q06	40	17.2	456	ND	0.89	0.24	11.1	930	ND
Dilution factor for Methane 50	4Q06D	43	41.2	478	ND	ND	0.23	11.1	930	ND
Dilution factor for Methane 4	2Q07	36	34	300	ND	0.8	0.31	ND	680	ND
	3Q07	ND	41	430	ND	1	0.33	ND	97	ND
	4Q07	470	69	530	ND	1.1	0.45	ND	ND	ND
	1Q08	2	33	410	ND	1.2	0.34	ND	370	ND
	2Q08	23	27	460	ND	1	ND	ND	510	ND
Dup 03	2Q08D	16	26	300	ND	1	0.29	ND	560	ND
Dilution factor for Methane 4	3Q08	ND	31	390	ND	1.3	0.38	ND	790	ND
MW-30d	2Q06	2800	11.6	248	ND	0.30 J	ND	9.7	45	ND
	3Q06	>5700	6.4 J	288	0.043 J	ND	ND	10.6	5.3	ND
	4Q06	47	5.6 J	375	ND	ND	ND	12.5	22	ND
	2Q07	130	13	240	ND	0.11	ND	10	77	ND
	3Q07	78	9	260	ND	0.16	ND	11	ND	ND
	4Q07	FS	20	300	ND	0.24	0.11	11	ND	ND
	4Q07D	FS	20	270	ND	0.19	0.28	11	ND	ND
	1Q08	790	8	300	ND	0.12	ND	9.4	47	ND
	2Q08	420	12	370	ND	0.27	ND	5.3	140	ND
	3Q08	ND	9.2	280	ND	0.31	0.13	9.2	16	ND
MW-31s										
Dilution factor for Ammonia and Methane 10	2Q08	>5700	460	570	0.12	22	0.68	44	3000	ND

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Through 3rd Quarter 2008

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Quarterly Groundwater Monitoring - MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
	UNITS	cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
Dilution factor for Ammonia and Methane 10	3Q08	ND	320	1900	ND	22	0.71	72	2100	ND
MW-32s										
Dilution factor for Methane 10	2Q08	>5700	NS	3400	ND	2	14	8.6	4800	ND
Dilution factor for Methane 10	3Q08	410	NS	650	ND	1.6	2.6	NS	2900	ND
MW-33s										
Dilution factor for Methane 10	2Q08	>5700	220	310	ND	5	0.17	8	2800	0.011
Dilution factor for Methane 10	3Q08	ND	250	380	ND	7	ND	10	2000	ND
MW-34s										
Dilution factor for Methane 10	2Q08	>5700	NS	490	ND	ND	ND	12	3700	ND
Dilution factor for Methane 10	3Q08	ND	NS	NS	NS	ND	0.34	NS	2800	NS
MW-35s										
Dilution factor for Methane is 10	2Q08	>5700	2100	3700	ND	1.8	ND	13	3900	ND
Dilution factor for Methane is 10	3Q08	ND	85	3200	ND	1.3	ND	ND	3600	ND
GEI-2S	3Q07	66	8.0	460	2.2	ND	ND	25	490	ND
	2Q08	57	6.7	530	1.9	ND	ND	34	ND	ND
Dilution factor for Methane 4	3Q08	4	4.0	510	ND	0.11	ND	13	1800	ND
Atmospheric Blank	1Q05	> 5700	ND	ND	ND	ND	ND	ND	ND	NS
	4Q05	5	ND	10.0 J	ND	ND	ND	0.30 J	ND	NS
	1Q06	2	ND	ND	ND	ND	ND	ND	ND	NS
	2Q06	38	ND	ND	ND	ND	ND	1.5 J	ND	ND*
	3Q06	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q06	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q07	1	ND	ND	ND	ND	ND	ND	22	ND*
	2Q07	ND	ND	19	ND	ND	ND	ND	ND	ND*
	3Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q07	ND	ND	ND	ND	0.16	ND	ND	ND	ND*
	1Q08	ND	ND	ND	ND	0.16	ND	ND	ND	ND*
	2Q08	ND	ND	ND	ND	ND	ND	ND	ND	0.00517
	3Q08	ND	ND	ND	ND	0.16	ND	ND	ND	ND*
Rinsate Blank	1Q05	36	ND	ND	ND	ND	ND	ND	ND	NS
	3Q05	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4Q05	ND	ND	ND	ND	ND	ND	ND	ND	NS
	1Q06	ND	ND	ND	ND	ND	ND	ND	ND	NS
	2Q06	120	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q06	250	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q06	45	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q06	84	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q06	56	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q07	1	ND	2.5	ND	ND	ND	ND	ND	ND*
	2Q07	2	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q07	ND	ND	11	0.17	ND	ND	ND	ND	ND*
	1Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q08	ND	ND	ND	ND	ND	0.15	ND	ND	ND*
	2Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*

Notes:

(1) Sulfate results reported through 4Q06 have a dilution factor of 5, except for blank samples or unless otherwise noted. Starting 1Q07, there is no dilution factor for sulfate unless noted otherwise.

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

NCS: No Criteria Specified by NJDEP

NS = Not Sampled

FS= Samples frozen in transit to lab.

ND = Not Detected

Concentration exceeds NJGWQS

L Lower Grab Sample

U Upper Grab Sample

* Total Lead

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Field Data

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-19	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	10.97	7.23	24	890	2	13.94	NM	160	70
	3Q04	0.1	7.62	-10	1179	2	16.18	<10	200	95
	1Q05	0.2	7.67	100	590	5	11.82	9	241(1)	121
	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
	2Q07	0.05	6.69	-56	1640	2.5	13.7	>20	100	120
	3Q07	0.1	6.59	-94	1201	2	17.05	>20	200	80
	4Q07	0.2	6.36	5	865	5.1	12.54	>20	225	40
	1Q08	0.6	6.4	111.7	214.2	5	8.55	0.1	40	14
	2Q08	0.22	6.12	68.4	1,068	6.66	10.55	>10	125	130
	3Q08	0.16	6.42	-30	1,150	7	13.94	>20	140	50
MW-19-4	1Q06	7.62	7.53	-64	1351	14	5.61	0.6	12	>50
	2Q06	6.53	7.74	116	1442	22	13.93	0.2	100	17
	3Q06	2.93	7.43	92	1335	9	18.68	0	10	19
	4Q06	4.03	7.69	172	886	10	16.67	0	150	22
	1Q07	2.01	6.95	105	418	17	11.71	0	125	11
	2Q07	0.8	6.74	-1	1800	7.8	14.59	0.1	75	16
	3Q07	0.4	7.16	45	1187	10	17.68	0.05	125	26
	4Q07	0.6	7.57	216	1385	6	12.58	0	50	20
	1Q08	4	7.02	73.1	938.5	9	7.98	0	100	13
	2Q08	4.13	6.52	113	987	8.33	11.22	0.1	100	15
	3Q08	1.3	6.68	65	1120	9	14.29	0	60	19
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
	2Q07	0	7.04	-36	539	6.8	14	>20	190	70
	3Q07	0.1	7.09	36	530	5	16.18	1	160	65
	4Q07	1.6	6.17	45	311	3.6	12.59	0.4	130	30
	1Q08	1.83	6.28	108.1	125.5	12	6.14	0.1	35	15
	2Q08	1.48	5.99	6	371	10	10.06	0.2	100	40
	3Q08	0.07	6.76	-23	896	2	14.55	>20	190	30
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
	2Q07	1	6.69	-35	2720	5.6	14.36	0.1	140	50
	3Q07	0.8	7.16	12	1458	4	17.3	0.6	160	42
	4Q07	2	7.44	51.4	1283	5.9	12.92	0.3	25	17
	1Q08	1	6.52	91.2	854.4	6	10.71	0.4	100	20
	2Q08	3.69	6.71	119.4	1,205	2.4	11.83	0.6	110	35
	3Q08	1.3	6.78	39	2,280	8	15.51	3	140	28
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

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Field Data

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
	1Q05	0.6	7.16	281	1388	1	11.34	3	200[1]	63
	2Q05[L]	0.05	7.82	102	938	25	11.7	15	160	36
	2Q05[U]	1	7.80	NM	961	49	11.22	15	200	29
	3Q05[L]	0.8	7.03	90	2670	17	14.76	>10	95	0.8
	3Q05[U]	1	7.02	185	2460	5	16.02	>10	70	35
	4Q05	1.58	5.98	-44	1434	14	14.85	>10	11	30
	1Q06	1.86	6.20	43	1130	14	10.81	>10	>100	>100
	2Q06	3.87	7.41	-33	1284	9	13.28	>10	170	70
	3Q06	0.6	7.28	33	1254	10	15.8	9	200	50
	4Q06	0.44	7.47	204	970	7	15.23	2	185	70
	1Q07	0.12	6.80	-84.3	518	6	11.52	9	175	23
	2Q07	0	6.98	36	1397	4.5	15.68	2	100	38
	3Q07	0.2	7.05	181	1016	5	17.48	0.2	120	38
	4Q07	0.6	6.48	74.2	2126	5.3	12.7	0.2	70	30
	1Q08	1	6.21	105.4	2023	10	9.48	0.3	45	27
	2Q08	0.24	6.42	0.5	1,892	9.13	11.31	1.5	130	22.5
	3Q08	0.11	6.94	60	980	29	16.78	0.5	150	27
MW-19-12	2Q06	0.99	7.29	-33	1046	9	16.06	4	120	100
	3Q06	0.21	7.41	5	1460	18	17.9	4	12	17
	4Q06	0.23	7.60	191	1234	10	16.72	3.5	1000	17
	1Q07	0.18	6.91	-39.6	680	8	12.29	1.5	100	10
	2Q07	2	7.24	137	473	5	18.56	0	110	11
	3Q07	2	7.45	118	463	2	19.2	0	85	0
	4Q07	9	7.55	2.7	439	8.1	9.68	0	110	<10
	1Q08	2	6.72	78.4	197.2	2	7.59	0	40	<10
	2Q08	7.4	7.09	79	386	0.12	13.31	0	110	<10
	3Q08	4.29	7.23	51	369	6	19.58	0	70	12
MW-8	3Q08	0.06	7.04	-162	571	20	15.63	>20	260	30
MW-25R	2Q06	0.47	6.77	-102	620	9	14.74	3.5	75	17
	3Q06	0.97	5.57	90.1	572	229	15.67	5	160	350
	4Q06	0.25	7.14	-41.2	517	24	11.33	1.5	90	100
	1Q07	1.8	6.80	-100.4	636	55	7.15	3	100	150
	2Q07	0.35	6.69	-65.8	453	123	14.38	3.5	40	20
	3Q07	1	6.98	-75.3	355	NM-mtr broke	18.93	0.3	75	15
	4Q07	0.6	7.15	30	616	127	6.81	2	100	110
	1Q08	0.34	7.32	-79	639	47.6	7.67	4.5	150	12.5
	2Q08	0.21	7.20	-80	601	46	10.95	4.5	150	15
	3Q08	0.24	6.55	-110.7	446	19.2	15.71	2.5	160	70
MW-27s	2Q06*	1.66	7.74	183	933	>1000	16.65	0	80	<10
	3Q06	0.54	7.72	45	1437	247	19.44	0	200	14
	4Q06	2.36	7.59	134	1275	>1000	16.39	0	<10	20
	1Q07	4	7.15	-10.8	1078	>1000	8.31	NM - sediment	NM - sediment	NM - sediment
	2Q07	8.29	7.09	105.6	765	>1000	15.23	NM - sediment	NM - sediment	NM - sediment
	3Q07	0.4	7.24	27	1017	>1000	17.58	NM - sediment	NM - sediment	NM - sediment
	4Q07	1	7.16	165	1002	997	11.34	NM - sediment	NM - sediment	NM - sediment
	1Q08	1	7.15	71.5	612.7	186	8.41	NM - sediment	NM - sediment	NM - sediment
	2Q08	1	7.18	111.1	735	81.1	11.43	0	22.5	85
	3Q08	3.21	6.21	46	861	184	17.09	0.8	225	135
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	-148.8	684	20	15.27	>20	200	55
	1Q07	2.1	6.74	-176.2	650	12	9.75	>20	160	22
	2Q07	0.48	7.01	-138.3	568	36	15.36	>20	180	35
	3Q07	0.1	7.1	-132.1	576	9.6	16.99	>20	180	50
	4Q07	0.2	6.86	-120.4	634	7.03	11.97	>20	170	22
	1Q08	0.11	7.3	-169	492	11.3	9.22	15	130	20
	2Q08	0.19	6.57	-52.4	508	9.13	12.25	>10	140	35
	3Q08	0.29	6.91	-65.1	390	9.54	15.33	>20	200	35
	3Q08	1	6.8	-92	494	339	16.5	NM	NM	NM
MW-28i	2Q06	0.23	7.88	-126	756	8	15	>10	135	28
	3Q06	0.51	7.59	-98	649	14	16.42	18	90	27
	4Q06	0.04	7.37	-146.7	598	13	14.82	>20	150	25
	1Q07	0.2	6.80	-173.3	686	4.9	10.7	>20	140	23
	2Q07	0.18	7.07	-170	507	17	14.9	>20	145	24
	3Q07	0.1	7.15	-104.7	536	5.7	16.19	>20	170	30
	4Q07	0.26	6.59	-58.2	677	7.44	11.96	>20	160	20
	1Q08	0.01	6.81	-100.2	400.2	6	10.31	12	135	20

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Field Data

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
	2Q08	0.2	6.65	-4.8	593	7.75	12.99	>10	170	35
	3Q08	0.21	7.34	-136	530	10	14.94	>20	170	23
MW-29s	2Q06	3.63	7.32	-32	1021	68	18.45	>10	260	95
	3Q06	0.36	6.73	-109.8	1090	10	20.63	18	310	80
	4Q06	0.05	6.85	-97.9	775	11	17.04	>10	350	65
	1Q07	0.7	6.53	-163.9	902	5.6	8.77	18	240	30
	2Q07	4.03	6.71	-113.8	766	31	18.48	>10	225	25
	3Q07	0.7	6.66	-13.9	881	9.84	21.12	>20	325	100
	4Q07	0.2	7.12	-35	960	8	13.51	>20	285	75
	1Q08	0.21	7.02	-94	1027	9.92	7.87	>10	290	22
	2Q08	0.27	6.89	31.2	935	5.9	12.22	>20	250	70
	3Q08	0.08	6.61	-79.7	456	8.09	20.04	>10	300	130
MW-30s	2Q06	0.14	6.76	-180	672	34	16.81	>10	78	14
	3Q06	0.39	5.66	73.1	704	155	18.9	18	60	250
	4Q06	0.01	7.09	-146.1	627	94	13.46	>20	200	60
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.34	6.99	-159.4	458	213	18.55	>20	225	40
	3Q07	0.3	7.05	-128.7	696	100	19.15	>20	230	37
	4Q07	0.8	7.45	-50	871	67	7.74	>20	200	43
	1Q08	0.12	7.32	-158	825	113	4.85	>20	NM - sediment	NM - sediment
	2Q08	0.2	7.49	-47.6	484	9.42	11.43	18	160	22.5
	3Q08	0.03	6.93	-128.1	378	11.2	19.06	>10	200	70
MW-30i	2Q06	0.33	7.70	-194	687	8	15.22	5.5	75	19
	3Q06	0.43	7.52	-63	777	9	17.13	18	180	32
	4Q06	0.2	7.16	-144.2	827	42	14.2	>10	>1000	45
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.33	6.99	-146.8	488	41	15.23	>20	145	25
	3Q07	0.4	7.08	-19.8	661	NM-mtr broke	17.07	>20	200	29
	4Q07	1	7.39	-15	889	136	8.28	>20	200	24
	1Q08	0.13	6.7	-149	784	9.98	8.55	>20	150	18
	2Q08	0.08	7.29	-142	581	21	12.28	16	140	26
	3Q08	0.04	73.11	-136.0	552	8.56	16.62	>10	180	50
MW-30d	2Q06	0.3	5.35	-131	449	10	14.45	2	100	30
	3Q06	2.49	7	-44	458	15	15.07	2.5	70	70
	4Q06	0.18	7.29	-99	637	33	13.39	5	130	17
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.38	7.03	-95.7	340	69	14.51	3.5	115	12
	3Q07	0.8	7.24	22.6	401	NM-mtr broke	14.73	3	130	13
	4Q07	0.1	7.05	128	500	80	10.02	0.4	100	<10
	1Q08	0.45	6.8	1	487	16.3	9.19	1.5	130	<10
	2Q08	0.32	7.24	-62	504	18	12.87	2	125	14
	3Q08	0.2	7.3	-112.3	328	9.41	15.26	2.5	115	14
MW-31s	2Q08	0.51	12.47	-192	1,499	>1000	15.74	1	225	0
	3Q08	0.97	6.54	-27	2,130	381	21.79	4.5	1000	400
MW-32s	2Q08	0.33	6.9	-86	1,105	109	12.11	NM-No Water	NM-No Water	NM-No Water
	3Q08	0.07	6.47	-149.6	1,169	15.9	22.56	NM-No Water	NM-No Water	NM-No Water
MW-33s	2Q08	0.77	7.29	-74	650	682	12.98	18	180	70
	3Q08	2.55	6.06	NM	616	148	26.4	>20	310	200
MW-34s	2Q08	0.51	7.01	-111	794	7	14.84	NM-No Water	NM-No Water	NM-No Water
	3Q08	0.15	6.4	-136.3	1240	12.1	20.19	NM-No Water	NM-No Water	NM-No Water
MW-35s	2Q08	0.37	6.78	-56	917	>1000	11.51	>20	310	70
	3Q08	1.5	6.35	-55	736	65	19.23	>20	260	50
GEI-2S	3Q07	0.6	6.47	-29.8	586	15	15.28	0	150	30
	2Q08	3.71	6.29	118.4	669	7.5	9.97	0	50	17
	3Q08	1.69	6.73	69	1054	10	13.45	0.6	175	25

Notes:

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

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

NS = Not Sampled

= Not Measured

ver Grab Sample

Upper Grab Sample

* Well was not stabalized due to well going dry.

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

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-5). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
SW-D-1												
*	8-Apr-05	2Q05	<	0.2	<	0.20	<	0.20	<	0.60	<	1.00
	26-Jul-05	3Q05	<	0.2	<	0.2	J	0.5	<	0.6	<	1.0
	26-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	J	0.2	<	0.6	J	11.0
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		7.3
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		4.9	<	1.2
Dilution factor for DEHP 1.03	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.33	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.3
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
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.5
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		4.4	<	1.1
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		7.1
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	2.0
	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
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.5
Dilution factor for DEHP 1.1	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.05	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		3.8	<	1.0
	18-Feb-08	1Q08D	<	1.0	<	1.0	<	5.0		3.8	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0

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

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-5). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
SW-D-4												
	20-Jun-06	2Q06	<	0.2	<	0.2	J	0.4	<	0.6	J	3.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	9-Nov-06	4Q06	<	0.2	J	0.4	<	0.2	J	0.6	<	0.9
	7-Feb-07	1Q07	<	1.0		2.0	<	5.0		3.8		3.3
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.0
	4-Dec-07	4Q07	<	1.0		1.4	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.08	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		4.1	<	1.1
Dilution factor for DEHP 1.08	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		9.2
SW-D-5												
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	10.0
	6-Nov-06	4Q06	<	0.2	J	0.2	<	0.2	J	0.8	<	0.9
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.4
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.1	3-Dec-07	4Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.03	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
DRC-2												
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	J	0.5	<	0.2	J	1.9	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
SW-R-1												
	20-Apr-05(1)	2Q05	<	0.2		17.0	J	0.8		99.0	J	2.0
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	27-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Feb-06	1Q06	<	0.2	J	0.3	<	0.2	J	1.4	<	0.9
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	J	0.2	<	0.2	J	1.1	<	1.0
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.3
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0		1.2	<	5.0		5.9	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0

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

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-5). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
SW-R-2												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	J	0.5	<	0.2	J	2.3	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06D	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		17
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.14	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
SW-R-3												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.0
	25-Jun-07	2Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.5
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.05	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
Dilution factor for DEHP 10	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		160
	21-Jul-08	3Q08R		NA		NA		NA		NA		20
	15-Aug-08	3Q08(2)	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	15-Aug-08	3Q08(3)	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
SW-R-4												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		19.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0

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

MONITORING WELLS	ANALYTICAL PARAMETERS													
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-5). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
	21-Jul-08	3Q08D	<	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
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
SW-R-6												
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.14	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.11	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
RINSE BLANK												
RB-01	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
RB-01	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
RB-01	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0

LEGEND

NA = Not Applicable

NS = Not Sampled

D = Duplicate sample

R = Sample was re-run by the laboratory

Concentration exceeds NJSWQS

B: Analyte also detected in blank

ug/L = micrograms per liter

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

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

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

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

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

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

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

Figures

NEW JERSEY

N

0 2000' 4000'

APPROXIMATE SCALE IN FEET

SOURCE

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

RMT

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

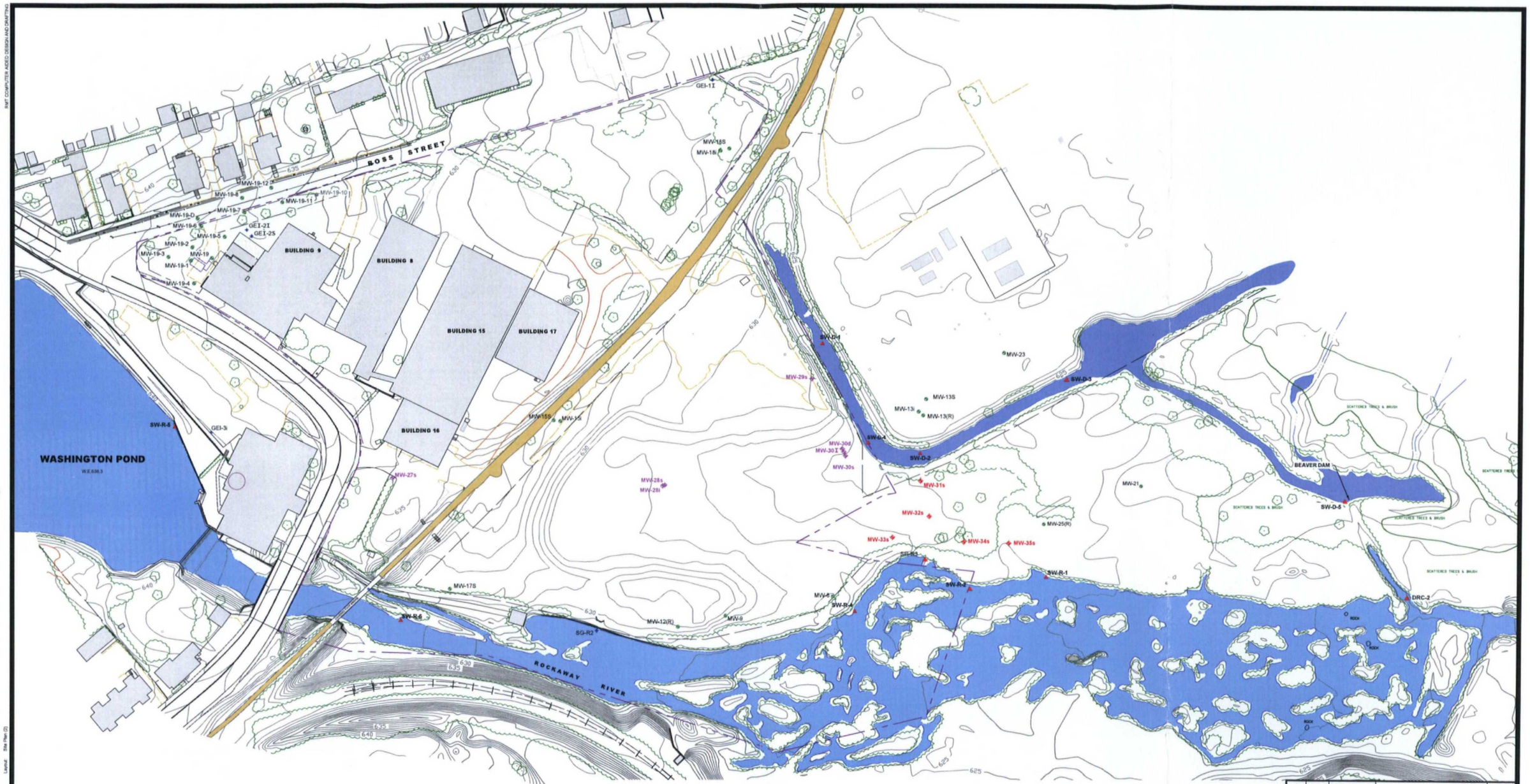
L.E. CARPENTER WHARTON, NEW JERSEY

SITE LOCATION MAP 3rd QUARTER 2008

DRAWN BY:	SL
CHECKED BY:	JO
APPROVED BY:	JD,NC
DRAWING SCALE:	SHOWN
PROJECT NUMBER:	J:\06527\29
FILE NUMBER:	6527.29.51.dwg
DATE:	September 2008

FIGURE 1

PLOT DATA
Drawing Name: J:\06527\2\96527.29.51.dwg
Operator Name: SAM LUCIDO
Drawing Plot Scale: 0.000500
Dwg Size: 0.10 Mb
Plot Date: September 29, 2008
Plot Time: 10:57 AM
Attached Xref's: Dover New Jersey, RMT Logostrip (CLR);
Attached Images: Site Location Map (1)
Layout:



APPROXIMATE PROPERTY LINE

FENCE LINE

TREES

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

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

SG-R1 RIVER POINT SURFACE WATER ELEVATION

SG-D1 DRAINAGE CHANNEL POINT SURFACE WATER ELEVATION

GEI-2i PIEZOMETER LOCATION

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

630 POST-REMEDIATION GROUND SURFACE ELEVATIONS

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

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

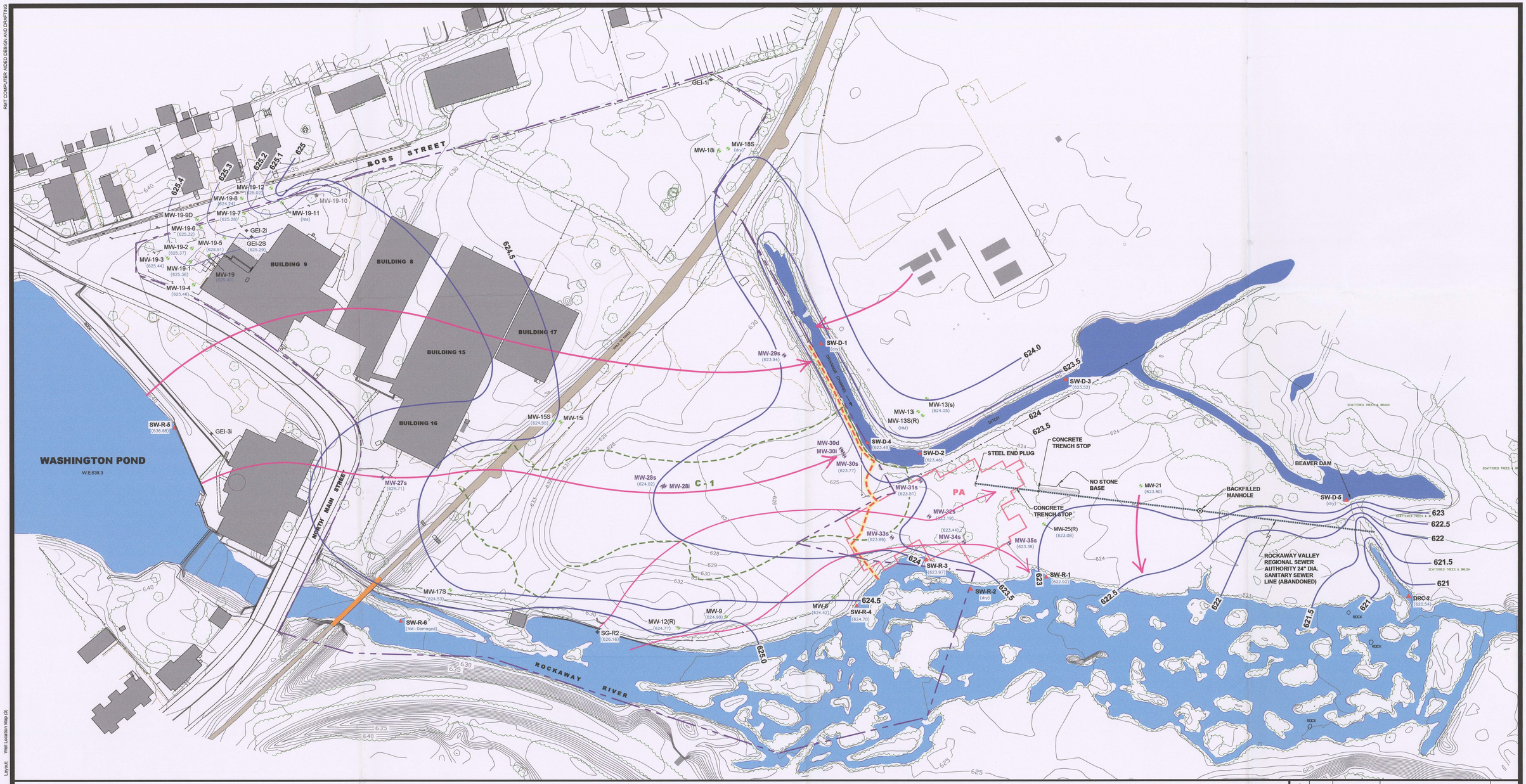
SITE PLAN WITH SAMPLE LOCATIONS
3rd QUARTER 2008

DRAWN BY: SL	DRAWING SCALE: SHOWN	PROJECT NO. J:\06527\29	
CHECKED BY: JD		FILE NO. 6527.29.52.rev9-30-08.dwg	
APPROVED BY: JD	DATE PRINTED:	**FIGURE 2**	
DATE: September 2008			

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

RMT COMPUTER AIDED DESIGN AND DRAFTING

Drawing Name: J:\06527\29.52.rev9-30-08.dwg Size: 0.38 Mb
Operator Name: BRIDGE, ALAN Plot Date: March 2008
Drawing Plot Scale: 1:40 Plot Time: 8:46 AM
Layout: Site Plan (2)



LEGEND

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

NOTES

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BYJAMES M.STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
2. FORMER BUILDING OPERATIONS
   - BUILDING 9: RAW MATERIAL, DRUM STORAGE, AND PRINTING
   - BUILDING 8: LAMINATION
   - BUILDING 15 and 17: INSPECTION, STORAGE, AND DISTRIBUTION
   - BUILDING 16: OFFICES
3. AS DESCRIBED IN THE November 2005 RAR (SEE FIGURE 9 IN THAT REPORT), THE SLURRY MONOLITH AT AND PARALLEL TO THE DRAINAGE CHANNEL DITCH ENDS APPROXIMATELY 10 FEET WEST OF THE ACTUAL WATERS EDGE.

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
3rd QUARTER 2008

DRAWN BY: SL, KW	DRAWING SCALE:	PROJECT NO.	J:\06527\29
CHECKED BY: JD,EV	SHOWN	FILE NO.	6527.29.53.dwg
APPROVED BY: JD	DATE PRINTED:	**FIGURE 3**	
DATE: September 2008			

RMT

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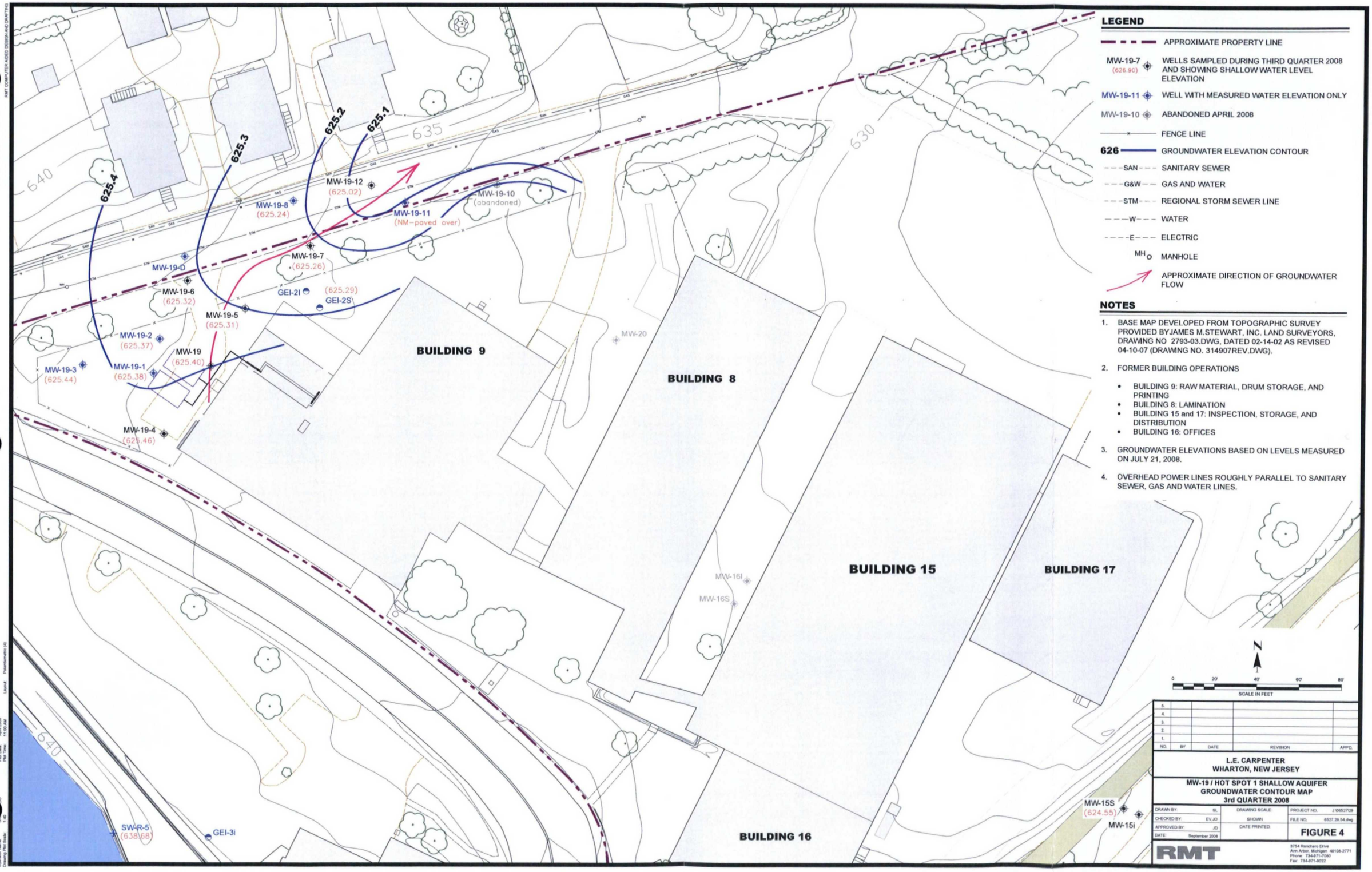
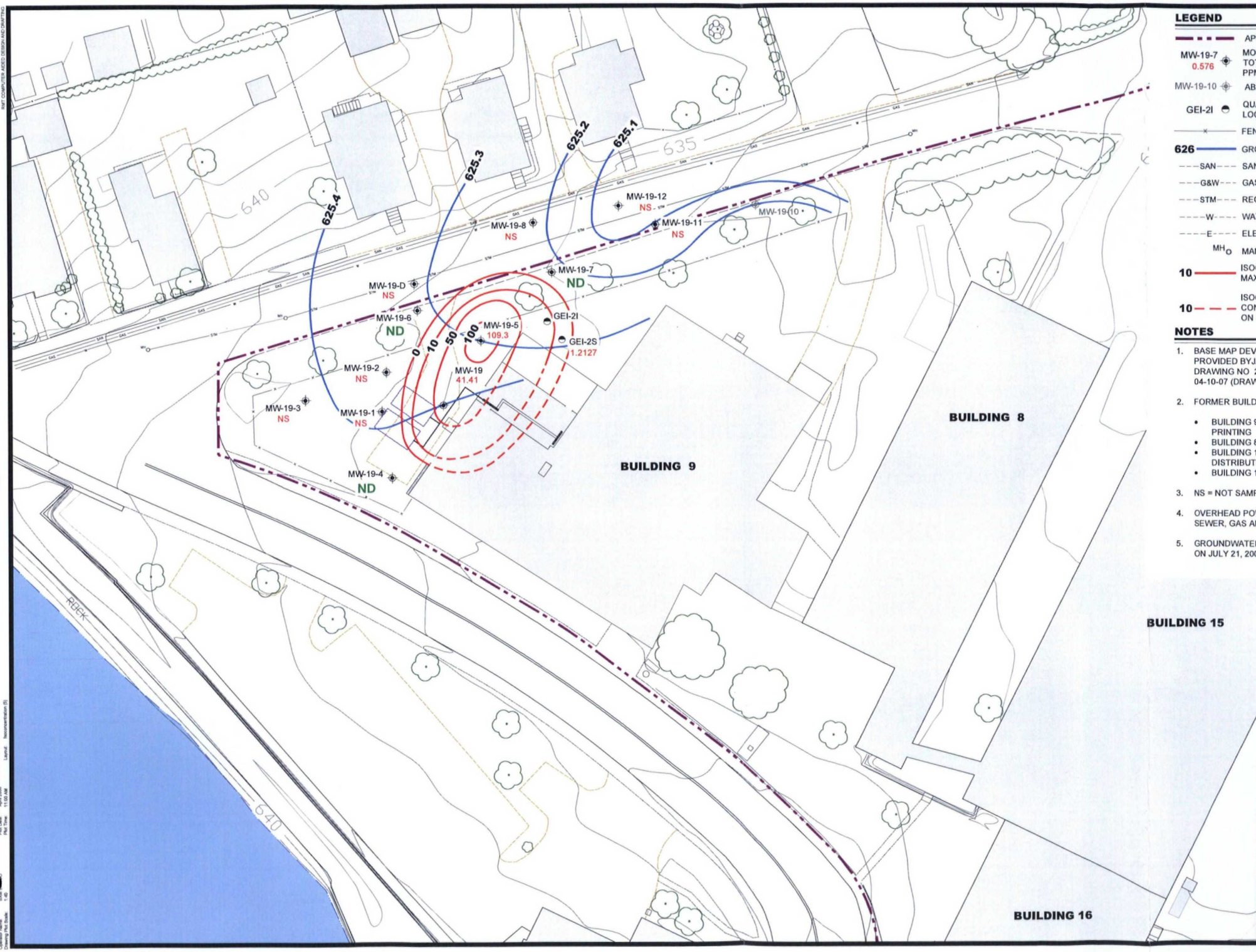
Fax: 734-971-9022

RMT COMPUTER AIDED DESIGN AND DRAFTING

Layout: Well Location Map (3)

Drawing Name: J:\06527\29\6527.29.53.dwg
Operator Name: SAM LUCIDO
Drawing Plot Scale: 1:40
Dwg Size: 0.18 Mb
Plot Date: April 2008
Plot Time: 10:59 AM


625.4
625.3
625.2
625.1
635
640
630
MW-19-12
(625.02)
MW-19-8
(625.24)
MW-19-11
(NM-paved over)
MW-19-10
(abandoned)
MW-19-7
(625.26)
MW-19-D
MW-19-6
(625.32)
GEI-2I
(625.29)
GEI-2S
MW-19-5
(625.31)
MW-19-2
(625.37)
MW-19
(625.40)
MW-19-3
(625.44)
MW-19-1
(625.38)
MW-19-4
(625.46)
MW-20
BUILDING 9
BUILDING 8
BUILDING 15
BUILDING 17
BUILDING 16
MW-16I
MW-16S
MW-15S
(624.55)
MW-15i
SWR-5
(638.68)
GEI-3i
LEGEND
APPROXIMATE PROPERTY LINE
MW-19-7 (626.90) WELLS SAMPLED DURING THIRD QUARTER 2008 AND SHOWING SHALLOW WATER LEVEL ELEVATION
MW-19-11 WELL WITH MEASURED WATER ELEVATION ONLY
MW-19-10 ABANDONED APRIL 2008
FENCE LINE
626 GROUNDWATER ELEVATION CONTOUR
SAN SANITARY SEWER
G&W GAS AND WATER
STM REGIONAL STORM SEWER LINE
W WATER
E ELECTRIC
MH MANHOLE
APPROXIMATE DIRECTION OF GROUNDWATER FLOW
NOTES
1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BYJAMES M.STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
2. FORMER BUILDING OPERATIONS
• BUILDING 9: RAW MATERIAL, DRUM STORAGE, AND PRINTING
• BUILDING 8: LAMINATION
• BUILDING 15 and 17: INSPECTION, STORAGE, AND DISTRIBUTION
• BUILDING 16: OFFICES
3. GROUNDWATER ELEVATIONS BASED ON LEVELS MEASURED ON JULY 21, 2008.
4. OVERHEAD POWER LINES ROUGHLY PARALLEL TO SANITARY SEWER, GAS AND WATER LINES.
N
0 20' 40' 60' 80'
SCALE IN FEET
NO. BY DATE REVISION APP'D.
L.E. CARPENTER
WHARTON, NEW JERSEY
MW-19 / HOT SPOT 1 SHALLOW AQUIFER
GROUNDWATER CONTOUR MAP
3rd QUARTER 2008
DRAWN BY: SL
CHECKED BY: EV.JO
APPROVED BY: JD
DATE: September 2008
DRAWING SCALE: SHOWN
DATE PRINTED:
PROJECT NO. J:\06527\09
FILE NO. 6527.29.54.dwg
FIGURE 4
RMT
3754 Ranchero Drive
Ann Arbor, Michigan 48108-2771
Phone: 734-971-7080
Fax: 734-971-9022



LEGEND

- APPROXIMATE PROPERTY LINE
- MW-19-7 / 0.576 — MONITORING WELL WITH CORRESPONDING TOTAL DISSOLVED BTEX CONCENTRATION IN PPM (mg/L)
- MW-19-10 — ABANDONED APRIL 2008
- GEI-2I — QUARTERLY STATIC WATER LEVEL MONITORING LOCATION
- FENCE LINE
- 626 — GROUNDWATER ELEVATION CONTOUR
- SAN — SANITARY SEWER
- G&W — GAS AND WATER
- STM — REGIONAL STORM SEWER LINE
- W — WATER
- E — ELECTRIC
- MH — MANHOLE
- 10 — ISOCONCENTRATION CONTOUR FOR TOTAL MAXIMUM BTEX (ppm) IN GROUNDWATER
- 10 — ISOCONCENTRATION LINE WHERE INFERRED CONTAMINATION (ppm) IN GROUNDWATER BASED ON SOURCE DETERMINATION (SEPT. 2007 RASR)

NOTES

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BYJAMES M.STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
2. FORMER BUILDING OPERATIONS
   - BUILDING 9: RAW MATERIAL, DRUM STORAGE, AND PRINTING
   - BUILDING 8: LAMINATION
   - BUILDING 15 and 17: INSPECTION, STORAGE, AND DISTRIBUTION
   - BUILDING 16: OFFICES
3. NS = NOT SAMPLED; ND = NOT DETECTED
4. OVERHEAD POWER LINES ROUGHLY PARALLEL TO SANITARY SEWER, GAS AND WATER LINES.
5. GROUNDWATER ELEVATIONS BASED ON LEVELS MEASURED ON JULY 21, 2008.

N

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

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

L.E. CARPENTER
WHARTON, NEW JERSEY

MW-19 / HOT SPOT 1 SHALLOW AQUIFER ISOCONCENTRATION MAP
3rd QUARTER 2008

DRAWN BY: SL	DRAWING SCALE:	PROJECT NO.	J:\06527\28
CHECKED BY: EV,JO	SHOWN	FILE NO.	6527.29.55.dwg
APPROVED BY: JD	DATE PRINTED:	**FIGURE 5**	
DATE: September 2008			

RMT

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

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

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

Ernie Schaub
PRINTED NAME

Manager, Environmental Services
TITLE

L.E. Carpenter & Company
COMPANY

Ernie Schaub
SIGNATURE

05 November 2008
DATE

Appendix B
Field Data Forms

RMT®

PROJECT NAME: L. E. Carpenter

PROJECT NUMBER: 6527.29

PROJECT MANAGER: N. Clevett

SITE LOCATION: Wharton, NJ

DATES OF FIELDWORK: 7/21/2008 TO 7/25/2008

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

WORK PERFORMED BY: E. Vincke & S. Middlebrook

SIGNED 7/25/08 DATE

CHECKED BY 8/12/08 DATE

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 7/21/08	TIME ARRIVED: 1000
PROJECT NUMBER: 6527.29	AUTHOR: EV/SM	TIME LEFT: 2000

WEATHER

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

WORK / SAMPLING PERFORMED

Arrive on-site meet w/ D. Condon.
Unpack supplies.
Collect surface water samples.
Complete site wide water levels.
Pumped MW-27s, 31s, 32s, 33s, 34s, 35s dry.
Shipped out Surface water samples.
Site is very dry. Water levels are low.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME		
D. Condon	L.E. Carpenter	Check In

E. [signature] 7/25/08 — SIGNED — DATE

[signature] 8/12/08 — CHECKED BY — DATE

REVISED 07/2005

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 7/22/08	TIME ARRIVED: 0650
PROJECT NUMBER: 6527.29	AUTHOR: EV/SM	TIME LEFT: 1830

WEATHER

TEMPERATURE: 70'S °F WIND: 5-10 MPH VISIBILITY: P. Cloudy

WORK / SAMPLING PERFORMED

Sampled:
MW-19-4
MW-19-12
GEI-2S (Dup-02 + ATM-01)
MW-19-6
MW-19-7
MW-19-5 MW-30D
MW-25(R) MW-30I
MW-29S MW-30S
Site Photos

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME		

[signature] 7/25/08
SIGNED DATE

[signature] 8/12/08
CHECKED BY DATE

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 7/23/08	TIME ARRIVED: 0650
PROJECT NUMBER: 6527.29	AUTHOR: EV/SM	TIME LEFT: 1800

WEATHER

TEMPERATURE: 70's °F WIND: 5-10 MPH VISIBILITY: Overcast (Rain)

WORK / SAMPLING PERFORMED

Sampled: Took site photos

MW-28s (Dup-03)
MW-28 1 (MS/MSD)
MW-19
MW-31s
MW-33s
MW-32s } Not all bottles
MW-34s }
MW-35s
MW-27s — Not Diss. Lead.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
All bottles haven't arrived.	They will come tomorrow.

COMMUNICATION

NAME		
L. Newton	ESC	Bottle order update.

E. [signature] 7/25/08 — SIGNED / DATE

[signature] 8/12/08 — CHECKED BY / DATE

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 7/24/08	TIME ARRIVED: 0700
PROJECT NUMBER: 6527.29	AUTHOR: EV/SM	TIME LEFT: 1600

WEATHER

TEMPERATURE: 70's °F WIND: 5-10 MPH VISIBILITY: Overcast Rain

WORK / SAMPLING PERFORMED

Sampled:
MW-32s } Not all bottles.
MW-34s }
MW-8
RB-02 MW-27s
RB-03
Site Photos
Packed, cleaned, shipped.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
Could Not Fill All bottles	Filled what we could
FedEx did not deliver HPC.	Samples will be run past hold time.

COMMUNICATION

NAME		

E. Vail 7/25/08 — SIGNED / DATE

d Overwarde 8/12/08 — CHECKED BY / DATE

RMT

EQUIPMENT SUMMARY

PROJECT NAME:	L. E. Carpenter	SAMPLER NAME:	E. Vincke & S. Middlebrook
PROJECT NO.:	6527.29		

WATER LEVEL MEASUREMENTS COLLECTED WITH:

QED
NAME AND MODEL OF INSTRUMENT

LEC
SERIAL NUMBER (IF APPLICABLE)

PRODUCT LEVEL MEASUREMENTS COLLECTED WITH:

QED
NAME AND MODEL OF INSTRUMENT

LEC
SERIAL NUMBER (IF APPLICABLE)

DEPTH TO BOTTOM OF WELL MEASUREMENTS COLLECTED WITH:

QED
NAME AND MODEL OF INSTRUMENT

LEC
SERIAL NUMBER (IF APPLICABLE)

PURGING METHOD

BLADDER PUMP (QED SAMPLE PRO)
NAME AND MODEL OF PUMP OR TYPE OF BAILER

GR
SERIAL NUMBER (IF APPLICABLE)

SAMPLING METHOD

BLADDER PUMP (QED SAMPLE PRO)
NAME AND MODEL OF PUMP OR TYPE OF BAILER

GR
SERIAL NUMBER (IF APPLICABLE)

GEOTECH DISPOSABLE FILTER
NAME AND MODEL OF FILTERATION DEVICE

0.45 MICRON
FILTER TYPE AND SIZE

DISPOSABLE POLY TUBING
TUBING TYPE

☑ LOW-FLOW SAMPLING EVENT

PURGE WATER DISPOSAL METHOD

☐ GROUND ☐ DRUM ☐ POTW ☑ POLYTANK ☐ OTHER _____

DECONTAMINATION AND FIELD BLANK WATER SOURCE

NA
POTABLE WATER SOURCE

STORE BOUGHT
DI WATER SOURCE

E. Vincke 7/25/08
SIGNED DATE

J Overmoorde 8/12/08
CHECKED BY DATE

RMT

EQUIPMENT SUMMARY

PROJECT NAME:	L. E. Carpenter	SAMPLER NAME:	E. Vincke & S. Middlebrook
PROJECT NO.:	6527.29		

WATER LEVEL MEASUREMENTS COLLECTED WITH:

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

PRODUCT LEVEL MEASUREMENTS COLLECTED WITH:

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

DEPTH TO BOTTOM OF WELL MEASUREMENTS COLLECTED WITH:

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

PURGING METHOD

BLADDER PUMP (QED SAMPLE PRO)	Field Env.
NAME AND MODEL OF PUMP OR TYPE OF BAILER	SERIAL NUMBER (IF APPLICABLE)

SAMPLING METHOD

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

PURGE WATER DISPOSAL METHOD

☐ GROUND ☐ DRUM ☐ POTW ☑ POLYTANK ☐ OTHER _____

DECONTAMINATION AND FIELD BLANK WATER SOURCE

NA	STORE BOUGHT
POTABLE WATER SOURCE	DI WATER SOURCE

E. Vincke	7/25/08	d Overwarde	8/12/08
SIGNED	DATE	CHECKED BY	DATE

RMT

WATER LEVEL DATA

PROJECT NAME:	L. E. Carpenter	DATE:	7-21-08
PROJECT NUMBER:	6527.29	AUTHOR:	EV/SM

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-19	1837		10.50	16.59		
MW-19-1	1824		10.26			
MW-19-2	1826		10.93			
MW-19-3	1822		11.26			
MW-19-4	1821		9.97	15.99		
MW-19-5	1830		10.25	15.59		
MW-19-6	1809		10.50	19.51		
MW-19-7	1804		9.74	20.24		
MW-19-8	1803		10.12			
MW-19-9D	1808		10.25			
MW-19-10	—		Abandoned			
MW-19-11	—		NM- Asphalted Over			
MW-19-12	1801		9.44	16.71		
GEI-2I	1820		11.92			
GEI-2S	1818		11.78	19.63		
GEI-3I	1308		14.11			
MW-15S	1255		11.62			
MW-15I	1257		11.58			
MW-18S	1747		Dry			
MW-18I	—		NM - Couldn't find			
MW-17S	1719		9.66			
MW-12R	1715		8.96			
MW-9	1712		4.68			
MW-8	1708		3.77	20.34		
MW-25R	10.58		3.54	9.87		
MW-21	1102		4.40			
MW-27S	1754		10.36	13.04		
MW-28S	1725		7.12	17.63		

MW-28I	1723		7.02	22.81		
MW-29S	1728		8.72	14.58		
MW-30S	1738		4.47	12.08		
MW-30I	1736		4.23	18.10		
MW-30D	1135		4.24	NM - Dedicated Pump		
MW-31s	1648		6.31	10.22		
MW-32s	1054		7.09		6.98	
MW-33s	1640		7.02	10.13		
MW-34s	1652		6.49	10.22		
MW-35s	1655		5.81	10.13		
SW-D-1	1347		Dry			
SW-D-2	1339		2.61			
SW-D-3	1325		2.18			
SW-D-4	1226		1.45			
SW-D-5	1115		Dry			
SW-R-1	1128		[illegible]	2.95		
SW-R-2	1138		Dry			
SW-R-3	1153		2.28			
SW-R-4	1208		2.87			
SW-R-5	1307		1.98			
SW-R-6	1250		NM			
DRC-2	1107		2.75			
SG-R2	1717		3.25			
MW-13S	1326		6.58			
MW-13I	1328		5.91			
MW-13S (R)	—		NM - Locked No Key			

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

[signature] 7/21/08
SIGNED DATE

[signature] 8/12/08
CHECKED DATE

RMT

CALIBRATION LOG

PROJECT NAME:	L. E. Carpenter	MODEL:	~~QED MP-10~~ YSI 556	SAMPLER:	EV/SM
PROJECT NO.:	6527.29	SERIAL #:	6RR	DATE:	7-21-08

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 8AB018 02/10	PH 4 / 10 (LOT NUMBER): 8AB212 02/10	TIME
7.04 / 7.00	4.03 / 4.00	1605
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 280/204	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1488 / 1467	26.78	1467	1612
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
8.88	1617

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): P785454	(LOT #): P786104	TIME
0.0 / 0.0	1.12 / 1.00	1620
/	/	
/	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 8AD326 01/09	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
211.1 / 218	26.97	218.0	1616
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
Short sampling day	

Scott Middlebrook 7-21-08
SIGNED DATE

J Overmoyde 8/12/08
CHECKED BY DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME:	L. E. Carpenter	MODEL:	~~YSI 556~~ QED MP20	SAMPLER:	EV/SM
PROJECT NO.:	6527.29	SERIAL #:	LEC	DATE:	7/21/08

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 8AB018	PH 4 / 10 (LOT NUMBER): 8AB212	TIME
7.14 / 7.00	4.37 / 4.00	1902
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2801204	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1408 / 1413	32.93	1413	1904
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
7.26	1910

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #): NA	TIME
5 / 0-10	/	1905
46 / 0-100	/	↓
467 / 0-1000	/	↓
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 8AD326	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
197 / 216	30.36	216	1900
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

E. Vaid 7/21/08
SIGNED DATE

J Overmarde 8/12/08
CHECKED BY DATE

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: QED MP-10	SAMPLER: EV/SM
PROJECT NO.: 6527.29	SERIAL #: LEC	DATE: 7/22/08

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 8AB018	PH 4 10 (LOT NUMBER): 8AB212	TIME
7.25 / 7.00	3.93 / 4.00	0742
6.96 / 7.00	4.17 / 4.00	1307
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2801204	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1456 / 1413	23.61	1413	0745
1400 / 1413	35.58	1413	1309
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
7.99	0750
8.33	1311

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #): NA	TIME
5 / 0-10	/	0748
47 / 0-100	/	0748
472 / 0-1000	/	0748
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 8AD326	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
211 / 220	24.17	220	0741
200 / 216	29.53	216	1305
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

E. [signature] 7/22/08
SIGNED DATE

[signature] 8/12/08
CHECKED BY DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: YSI 556	SAMPLER: EV/SM
PROJECT NO.: 6527.29	SERIAL #: 6RR	DATE: 7-22-08

PH CALIBRATION CHECK

PH 7 (LOT NUMBER) 8AB018 02/10		PH 4 / 10 (LOT NUMBER) 8AB212 02/10		TIME
7.00	7.00	3.98	4.00	0740
7.07	7.00	4.08	4.00	1307
/		/		
/		/		

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER) 280 / 204		TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1484	1386	23.81	1386	0745
2200	1413	34.79	1413	1312
/				
/				

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
9.33	0746
10.10	1314

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #) P785454		(LOT #) P786104		TIME
0.0	0.0	0.79	1.00	0750
/		0.80	1.00	1316
/		/		
/		/		

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER) 8AD326 04/09		TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
226.0	220	24.33	220	0738
206.0	215	32.00	215	1310
/				
/				

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

Scott [illegible] 7-24-08
SIGNED DATE

[illegible] 8/12/08
CHECKED BY DATE

RMT®

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: QED MP-10	SAMPLER: EV/SM
PROJECT NO.: 6527.29	SERIAL #: LEC	DATE: 7/23/08

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 8AB018	PH 4 / 10 (LOT NUMBER): 8AB212	TIME
6.86 / 7.00	4.08 / 4.00	0745
7.32 / 7.00	3.94 / 4.00	1309
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2801204	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1580 / 1413	23.40	1372	0748
1411 / 1413	26.35	1445	1312
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
7.57	0752
6.95	1314

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #): NA	TIME
5 / 0-10	/	0750
47 / 0-100	/	
472 / 0-1,000	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 8AD326	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
233 / 220	23.84	220	0743
215 / 218	28.63	218	1308
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

E Vial 7/23/08
SIGNED DATE

J Overwarde 8/12/08
CHECKED BY DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: YSI 556	SAMPLER: EV/SM
PROJECT NO.: 6527.29	SERIAL #: GRR	DATE: 7-23-08

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 8AB018 02/10	PH 4 10 (LOT NUMBER): 8AB212 02/10	TIME
6.90 / 7.00	3.97 / 4.00	0744
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 2801204 01/09	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1047 / 1386	23.56	1386	0752
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
9.13	0754

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): P795454	(LOT #): P786104	TIME 0801
00 / 0.0	.70 / 1.0	
/	/	
/	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 8AD326	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
215 / 220	24.16	220	0748
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

[signature] 7-24-08
SIGNED DATE

[signature] 8/12/08
CHECKED BY DATE

REVISED 07/2005

CALIBRATION LOG

PROJECT NAME:	L. E. Carpenter	MODEL:	QED MP-10	SAMPLER:	EV/SM
PROJECT NO.:	6527.29	SERIAL #:	LEC	DATE:	7/24/08

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 8AB018	PH 4 / 10 (LOT NUMBER): 8AB2N2	TIME
6.96 / 7.00	3.95 / 4.00	0725
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 8801204	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1437 / 1413	20.37	1413	0727
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
7.66	0729

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #): NA	(LOT #): NA	TIME
5 / 0-10	/	0730
47 / 10-100	/	
472 / 0-1,000	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 8AD326	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
229 / 220	80.57	223	0721
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS
Short sampling day	

SIGNED: [signature] DATE: 7/24/08

CHECKED BY: [signature] DATE: 8/12/08

REVISED 07/2005

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-21-08	BY: LO	DATE: 8/12/08

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

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

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1107	DATE: 7-21-08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER ____	PH: ____ SU CONDUCTIVITY: ____ umhos/cm
	ORP: ____ mv DO: ____ mg/L
DEPTH TO WATER: ____ NA PVC	TURBIDITY: ____ NTU
DEPTH TO BOTTOM ____ NA PVC	☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY
WELL VOLUME: ____ NA ☑ LITERS ☐ GALLONS	TEMPERATURE: ____ NA °C OTHER: ____
VOLUME REMOVED ____ ☑ LITERS ☐ GALLONS	COLOR: ____ ODOR: ____
COLOR: ____ ODOR: ____	FILTRATE (0.45 µm) ☑ 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~~	~~500mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~100 mL~~	~~PLASTIC~~		~~☐ Y ☑ N~~	1	~~1 L~~	~~PLASTIC~~	A	~~☐ Y ☑~~ N
~~1~~	~~125 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑~~ N	~~1~~	~~250 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-21-08	AIRBILL NUMBER: NA	
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-25-08	

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/21/08	BY: JO	DATE: 8/12/08

SAMPLE ID: SW05 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: 1115	DATE: 7-21-08
PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER ____			PH: ____ SU	CONDUCTIVITY: ____ umhos/cm	
			ORP: ____ mv	DO: ____ mg/L	
DEPTH TO WATER: ____ T/PVC			TURBIDITY: ____ NTU		
DEPTH TO BOTTOM ____ T/PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ____ ☑ LITERS ☐ GALLONS			TEMPERATURE: ____ °C	OTHER: ____	
VOLUME REMOVED ____ ☑ LITERS ☐ GALLONS			COLOR: Grey w/ organic floaters	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~~	~~500mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~100 ml~~	~~PLASTIC~~		~~☐ Y ☑ N~~	~~1~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~125 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~250 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-21-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/21/08	BY: DO	DATE: 8/12/08

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

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

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1128	DATE: 7-21-08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ BAILER		PH: ____ SU	CONDUCTIVITY: ____ umhos/cm	
			ORP: ____ mv	DO: ____ mg/L	
DEPTH TO WATER: ____ T/ PVC			TURBIDITY: ____ NTU		
DEPTH TO BOTTOM NA T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ____ ☑ LITERS ☐ GALLONS			TEMPERATURE: ____ °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~~	~~500mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~100 mL~~	~~PLASTIC~~		~~☐ Y ☑ N~~	~~1~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~125 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~250 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-21-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: Scott Mulholland	DATE SIGNED: 7-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-21/08	BY: do	DATE: 8/12/08

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

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

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1138	DATE: 7-21-08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER ____	PH: ____ SU CONDUCTIVITY: ____ umhos/cm
	ORP: ____ mv DO: ____ mg/L
DEPTH TO WATER: ____ ft PVC	TURBIDITY: ____ NTU
DEPTH TO BOTTOM ____ ft PVC	☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY
WELL VOLUME: ____ ☑ LITERS ☐ GALLONS	TEMPERATURE: ____ C OTHER: ____
VOLUME REMOVED ____ ☑ LITERS ☐ GALLONS	COLOR: ____ ODOR: ____
COLOR: ____ ODOR: ____	FILTRATE (0.45 um) ☑ YES ☐ NO
TURBIDITY: ____	FILTRATE COLOR: ____ 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
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~~	~~100 mL~~	~~PLASTIC~~		~~☐ Y ☑ N~~	~~1~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~125 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~250 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-21-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-21-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-21-08	BY: JO	DATE: 8/13/08

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

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

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1153	DATE: 7-21-08
PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER ____			PH: ____ SU	CONDUCTIVITY: ____ umhos/cm	
			ORP: ____ mv	DO: ____ mg/L	
DEPTH TO WATER: ____ T/ PVC			TURBIDITY: ____ NTU		
DEPTH TO BOTTOM ____ T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: NA ☑ LITERS ☐ GALLONS			TEMPERATURE: NA °C	OTHER: ____	
VOLUME REMOVED ____ ☑ LITERS ☐ GALLONS			COLOR: clr w/ floaters	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~~	~~500mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~100 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~125 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~250 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-21-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: Scott Mulder	DATE SIGNED: 7-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-21-08	BY: dO	DATE: 8/12/08

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: 1208	DATE: 7-21-08
PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ 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- 01		
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
4	40 mL	VOA	E	☐ Y ☑ N	4	1 L	AMBER	A	☐ Y ☑ N
~~2~~	~~40 mL~~	~~VOA~~	~~A~~	~~☐ Y ☑ N~~	~~2~~	~~500mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~100 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~125 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~250 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-21-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-21-08	BY:	DATE: 8/12/08

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: 1226	DATE: 7-21-08
PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER			PH: ____ SU	CONDUCTIVITY: ____ umhos/cm	
			ORP: ____ mV	DO: ____ mg/L	
DEPTH TO WATER: ____ T/ PVC			TURBIDITY: ____ NTU		
DEPTH TO BOTTOM ____ T/ PVC			☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ____ ☑ LITERS ☐ GALLONS			TEMPERATURE: ____ °C	OTHER: ____	
VOLUME REMOVED ____ ☑ LITERS ☐ GALLONS			COLOR: Dark floaters w/ organics	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
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~~	~~100 mL~~	~~PLASTIC~~		~~☐ Y ☑ N~~	~~1~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~125 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~250 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-21-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-21-08	BY: dD	DATE: 8/12/08

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: 1250	DATE: 7-21-08
PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ 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
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~~	~~100 mL~~	~~PLASTIC~~		~~☐ Y ☑ N~~	1	1 L	PLASTIC	A	~~☐ Y ☑ N~~
~~1~~	~~125 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~250 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-21-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: Scott Middlebrooks	DATE SIGNED: 7-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-21-08	BY: JO	DATE: 8/12/08

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

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

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1307	DATE: 7-21-08
PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ 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: Clear/organics	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
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~~	~~100 mL~~	~~PLASTIC~~		~~☐ Y ☑ N~~	~~1~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~125 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~250 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-21-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-21-08	BY: JO	DATE: 8/12/08

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: 1339	DATE: 7-21-08

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

DEPTH TO WATER: ____ T/ PVC

DEPTH TO BOTTOM ____ T/ PVC

WELL VOLUME: ____ ☑ LITERS ☐ GALLONS

VOLUME REMOVED ____ ☑ LITERS ☐ GALLONS

COLOR: ____ ODOR: ____

TURBIDITY: ____

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

NA

PH: ____ SU CONDUCTIVITY: ____ umhos/cm

ORP: ____ mv DO: ____ mg/L

TURBIDITY: ____ NTU

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: ____ °C OTHER: ____

COLOR: Dark w/ organics ODOR: ____

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: ____ FILTRATE ODOR: ____

QC SAMPLE: ☐ MS/MSD ☐ DUP- ____

COMMENTS:

NA

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

NA

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

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

BOTTLES FILLED

PRESERVATIVE CODES

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
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~~	~~100 mL~~	~~PLASTIC~~		~~☐ Y ☑ N~~	~~1~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~125 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~250 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-21-08	AIRBILL NUMBER: NA
COC NUMBER: ____ NA	SIGNATURE: Scott Muddle	DATE SIGNED: 7-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-21-08	BY: dO	DATE: 8/12/08

SAMPLE ID: SW-0-1 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: 1347	DATE: 7/21/08
PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER			PH: ____ SU	CONDUCTIVITY: ____ umhos/cm	
			ORP: ____ mv	DO: NA mg/L	
DEPTH TO WATER: ____ T/ PVC			TURBIDITY: ____ NTU		
DEPTH TO BOTTOM NA T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ____ ☑ LITERS ☐ GALLONS			TEMPERATURE: ____ °C	OTHER: ____	
VOLUME REMOVED ____ ☑ LITERS ☐ GALLONS			COLOR: Dark w/ organics	ODOR: ____	
COLOR: ____ ODOR: ____			FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: ____			FILTRATE COLOR: NA	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~~	~~500mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~100 mL~~	~~PLASTIC~~		~~☐ Y ☑ N~~	~~1~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~125 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~250 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-21-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/21/08	BY: LO	DATE: 8/12/08

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

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

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1405	DATE: 7/21/08
PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER			PH: ____ SU	CONDUCTIVITY: ____ umhos/cm	
			ORP: ____ mv	DO: ____ mg/L	
DEPTH TO WATER: ____ T/ PVC			TURBIDITY: NA NTU		
DEPTH TO BOTTOM ____ T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: NA ☑ LITERS ☐ GALLONS			TEMPERATURE: ____ °C	OTHER: ____	
VOLUME REMOVED ____ ☑ LITERS ☐ GALLONS			COLOR: clr	ODOR: ____	
COLOR: ____ ODOR: ____			FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: ____			FILTRATE COLOR: NA	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~~	~~500mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~100 mL~~	~~PLASTIC~~		~~☐ Y ☑ N~~	~~1~~	~~1 L~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~
~~1~~	~~125 mL~~	~~PLASTIC~~	~~A~~	~~☐ Y ☑ N~~	~~1~~	~~250 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/21/08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 2-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-21-08	BY: AO	DATE: 8/12/08

SAMPLE ID: MW-33s WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 1648	DATE: 7-21-08	SAMPLE	TIME: 1100	DATE: 7/23/08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) / ☐ BAILER		PH: 6.06 SU	CONDUCTIVITY: 6116 umhos/cm	
			ORP: — mv	DO: 2.55 mg/L	
DEPTH TO WATER: 6.63 T/ PVC			TURBIDITY: 148 NTU		
DEPTH TO BOTTOM 10.13 T/ PVC			☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY		
WELL VOLUME: 2.27 ☑ LITERS ☐ GALLONS			TEMPERATURE: 26.40 °C	OTHER:	
VOLUME REMOVED 2.2 ☑ LITERS ☐ GALLONS			COLOR: Gray/Brn	ODOR: Slight	
COLOR: Tan w/ float	ODOR: Slight		FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: 55.5			FILTRATE COLOR: CLR	FILTRATE ODOR: Slight	
☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: Sheen in purge water		

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)
1648	200	6.39	873	-85.1	1.64	55.5	24.37	6.63	INITIAL
1653		5.99	775	-129.0	0.14	44.6	22.77	8.05	1.0
1658		—	795	-155.3	0.07	36.0	23.59	8.60	2.0
1659		6.31	807	-143.4	0.08	—	23.88	—	2.2
7/23/08 1330		6.06	6116	—	2.55	148	26.40		
	1130 pumped	dry on 7-23		at 1250 was 7.94'					
			Ferrous →	>20 ppm					
			Alk →	310 ppm					
			CO_2 →	200 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
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/B	☒ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/23/08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7/23/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/21/08	BY: [illegible]	DATE: 8/12/08

SAMPLE ID: MW-32s WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER ____

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ OTHER ____

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

PURGING	TIME: 1724	DATE: 7/21/08	SAMPLE	TIME: 1340	DATE: 7-23-08
PURGE METHOD:	☑ PUMP ~~BLADDER PUMP (QED)~~ Peristaltic ☐ BAILER ____		PH: 6.47 SU	CONDUCTIVITY: 1169 umhos/cm	
			ORP: -149.6 mv	DO: 0.07 mg/L	
DEPTH TO WATER: 7.10 T/ PVC			TURBIDITY: NM NTU - well went dry		
DEPTH TO BOTTOM 10.43 T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 2.15 ☑ LITERS ☐ GALLONS			TEMPERATURE: 22.56 °C	OTHER: ____	
VOLUME REMOVED 1.5 ☑ LITERS ☐ GALLONS			COLOR: clear	ODOR: strong	
COLOR: clr w/ Plant	ODOR: Strong		FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: 46.0			FILTRATE COLOR: clear	FILTRATE ODOR: strong	
☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP- ____		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: Product 6.99 - 7.10 Dry at 1732		

	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)
	1724	200	6.65	1188	-96.2	5.23	46.0	25.23	7.10	INITIAL
	1729	↓	6.65	1170	-151.4	0.15	15.9	22.60	8.90	1.0
	1732		6.47	1169	-149.6	0.07	NM	22.56	9.35	~~[illegible]~~ 1.5
7/23/08	~~1334~~ 1340								8.13/8.31	
			Sheen in sample bottles							
		Sa								
7/24/08	0751								9.65	Product 9.61

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 7-23	1 L	AMBER	A	☐ Y ☑ N
7/23 2	40 mL	VOA	A	☐ Y ☑ N	1 7-24	500mL	PLASTIC	NaB	☐ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1 7/24	125 mL	PLASTIC	A	☐ Y ☑ N	1 7-24	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/23 / 7/24	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/21/08	BY: JD	DATE: 8/12/08

SAMPLE ID: MW-31s

WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 1750	DATE: 7/21/08	SAMPLE	TIME: 1105	DATE: 7-23-08

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

DEPTH TO WATER: 5.93 T/ PVC

DEPTH TO BOTTOM 10.22 T/ PVC

WELL VOLUME: 2.78 ☑ LITERS ☐ GALLONS

VOLUME REMOVED 3.25 ☑ LITERS ☐ GALLONS

COLOR: Blackish ODOR: Strong

TURBIDITY: 58.1

☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

PH: 6.54 SU CONDUCTIVITY: 2130 umhos/cm

ORP: -27 mv DO: 0.97 mg/L

TURBIDITY: 381 NTU

☐ NONE ☐ SLIGHT ☐ MODERATE ☒ VERY

TEMPERATURE: 21.79 °C OTHER:

COLOR: Lt Brn ODOR: Strong

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: Lt Brn FILTRATE ODOR: ~~Lt Brn~~ Strong

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS: Dry at 1806,

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)
1750	200	7.77	1036	-137.9	5.98	58.1	23.13	5.98	INITIAL
1755	↓	7.47	987	-165.8	0.03	60.9	20.76	7.14	1.0
1800	↓	8.74	925	-173.9	0.01	77.1	20.71	8.75	2.0
1805	↓	9.24	884	-179.7	0.00	46.5	21.32	NM	3.0
1806	Dry	9.38	882	-183.3	0.01	NM	21.44	Dry	3.25
7-23-08 1549		6.54	2130	-27	0.97	381	21.79		
						~~209~~			
	1130 on 7-23-08 pumped dry				1250	it was 8.31			
	Sheen in sample bottles. Trace product in bladder								
	Ferrour 4.5 CO_2 - 400 Alk-1000								

After pumping empty recharge water looked like veg. oil.

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	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-23-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-23-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/21/08	BY: [illegible]	DATE: 8/12/08

SAMPLE ID: MW-35S

WELL DIAMETER: ☒ 2" ☒ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 1822	DATE: 7/21/08	SAMPLE	TIME: 1500	DATE: 7-23-08

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

DEPTH TO WATER: 5.82 T/ PVC

DEPTH TO BOTTOM 10.13 T/ PVC

WELL VOLUME: 2.79 ☑ LITERS ☐ GALLONS

VOLUME REMOVED 4.5 ☑ LITERS ☐ GALLONS

COLOR: clear slight (orange) ODOR: slight

TURBIDITY: 39.7

☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

PH: 6.35 SU CONDUCTIVITY: 736 umhos/cm

ORP: -55 mv DO: 1.50 mg/L

TURBIDITY: 65.0 NTU

☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY

TEMPERATURE: 19.23 °C OTHER:

COLOR: Lt Brn ODOR: strong (sharpie)

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: clear FILTRATE ODOR: strong

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS: At 1844 went dry, oily substance on tubing.

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)
1822	200	6.63	1050	-128.2	0.99	39.7	20.64	5.82	INITIAL
1827	↓	6.45	1013	-129.1	0.19	14.6	20.13	7.05	1.0
1832		6.45	1015	-137.1	0.13	12.4	19.97	7.83	2.0
1837		6.53	1039	-134.0	0.11	18.9	20.04	9.04	3.0
1842		6.59	1004	-135.5	0.11	31.0	20.01	9.68	4.0
1844	↓	6.59	1001	-130.9	0.39	NM	20.27	Dry	4.5
7-24-08 0741		6.35	736	-55	~~1.45~~ 1.50	65.0	19.23	7.65	
7-23-08 1500								7.00	
	Sheen in sample bottles								
		AIK - 260		CO_2 - 50		Ferrous Fe > 20			

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	~~E~~ A	☐ Y ☑ N
2	40 mL	VOA	A	☐ Y ☑ N	2	500mL	PLASTIC	~~A~~ B	☒ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-23-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [illegible]	DATE SIGNED: 7-23-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/21/08	BY: do	DATE: 8/12/08

SAMPLE ID: MW-34S — WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER ____

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

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

PURGING	TIME: 1854	DATE: 7/21/08	SAMPLE	TIME: 1405	DATE: 7-23-08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED)/Peristaltic ☐ BAILER ____		PH: 6.40 SU	CONDUCTIVITY: 1240 umhos/cm	
			ORP: -136.3 mv	DO: 0.15 mg/L	
DEPTH TO WATER: 6.14 T/ PVC			TURBIDITY: 12.1 NTU		
DEPTH TO BOTTOM 10.22 T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 2.64 ☑ LITERS ☐ GALLONS			TEMPERATURE: 20.19 °C	OTHER: ____	
VOLUME REMOVED 2.0 ☑ LITERS ☐ GALLONS			COLOR: clear	ODOR: slight	
COLOR: clr. w/ float ODOR: slight			FILTRATE (0.45 um) ☑ YES ☒ NO		
TURBIDITY: 16.4			FILTRATE COLOR: ____	FILTRATE ODOR: ____	
☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP- ____		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: Dry at 1904		

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)
1854	200	6.27	1273	-72.9	3.71	16.4	21.89	6.14	INITIAL
1859	}	6.38	1241	-134.1	0.17	11.7	20.22	8.05	1.0
1904	}	6.40	1240	-136.3	0.15	12.1	20.19	NM	2.0
7/23/08 1400	- Dry at 1420							8.62	
	-sheen in sample bottles								
7-24-08	sample 0730								

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 7-23	1 L	AMBER	A	☐ Y ☑ N
2	40 mL	VOA	A	☐ Y ☑ N	2	500mL	PLASTIC	A	☐ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1 7-24	250 mL	PLASTIC	C	☐ Y ☑ N

7-23

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-23/24	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: Scott Middle	DATE SIGNED: 7-24-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/21/08	BY: dD	DATE: 8/12/08

SAMPLE ID: MW-27S

WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 1714	DATE: 7/21/08	SAMPLE	TIME: 0945	DATE: 7-23-08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER	PH: 6.21 SU / CONDUCTIVITY: 861 umhos/cm
	ORP: 46 mv / DO: 3.21 mg/L
DEPTH TO WATER: 10.00 T/ PVC	TURBIDITY: 184 NTU
DEPTH TO BOTTOM 13.04 T/ PVC	☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY
WELL VOLUME: 1.97 ☑ LITERS ☐ GALLONS	TEMPERATURE: 17.09 °C / OTHER:
VOLUME REMOVED 2.5 ☑ LITERS ☐ GALLONS	COLOR: Clr to cloudy / ODOR: none
COLOR: L. Brn / ODOR: None	FILTRATE (0.45 um) ☑ YES ☐ NO
TURBIDITY: 496	FILTRATE COLOR: Clr. / FILTRATE ODOR: none
☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY	QC SAMPLE: ☐ MS/MSD ☐ DUP-
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER	COMMENTS:

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1714	200	6.19	845	90	6.17	496	20.44	10.00	INITIAL
1719		6.73	872	47	1.86	190	15.19	11.71	1.0
1724		6.86	864	45	2.27	579	15.52	T.O.D.	2.0
1726		Pump Went Dry							2.5
			sampled Dissolved lead 6-24-08						
7/24/08 0855		6.21	861	46	3.21	184	17.09	11.48	
			ALK	225	CO_2	~~[illegible]~~ 135	Ferrous	0.8	

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	7-23 2	1 L	AMBER	A	☐ Y ☑ N
2	40 mL	VOA	A	☐ Y ☑ N	2	500mL	PLASTIC	7-23 A/B-7-24	☐ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	7-23 1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	7-23 1	250 mL	PLASTIC	C	☐ Y ☑ N

7-23

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-23/24	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-24-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/22/08	BY: QO	DATE: 8/12/08

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

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

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

PURGING	TIME: 0834	DATE: 7/22/08	SAMPLE	TIME: 0919	DATE: 7/22/08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ BAILER ____		PH: 6.68 SU	CONDUCTIVITY: 1120 umhos/cm	
			ORP: 65 mv	DO: 1.30 mg/L	
DEPTH TO WATER: 9.99 T/ PVC			TURBIDITY: 9 NTU		
DEPTH TO BOTTOM 15.99 T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 14.88 ☑ LITERS ☐ GALLONS			TEMPERATURE: 14.29 °C	OTHER: ____	
VOLUME REMOVED 18.0 ☑ LITERS ☐ GALLONS			COLOR: CLR	ODOR: None	
COLOR: Cloudy	ODOR: None		FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: 137			FILTRATE COLOR: CLR	FILTRATE ODOR: None	
☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP- ____		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: Ferrous → 0 ppm Alk → 60 ppm CO_2 → 19 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))
0834	400	6.49	1422	101	7.80	137	15.86	9.99	INITIAL
0839	↓	6.45	1460	90	1.83	76	14.25	10.19	2.0
0844	↓	6.47	1323	82	0.31	69	14.13	10.19	4.0
0849	↓	6.46	1240	74	0.22	51	14.13	10.19	6.0
0854	↓	6.49	1182	67	0.21	36	14.25	10.19	8.0
0859	↓	6.55	1152	65	0.30	27	14.25	10.19	10.0
0904	↓	6.52	1136	66	0.55	18	14.27	10.19	12.0
0909	↓	6.59	1128	66	0.80	15	14.29	10.19	14.0
0914	↓	6.64	1124	65	0.94	13	14.33	10.19	16.0
0919	↓	6.68	1120	65	1.30	9	14.29	10.19	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/B	☒ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/22/08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: E. Vandil	DATE SIGNED: 7/22/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-22-08	BY: JO	DATE: 8/12/08

SAMPLE ID: MW-25B (R) WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER ____

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

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

PURGING	TIME: 0811	DATE: 7-22-08	SAMPLE	TIME: 0926	DATE: 7-22-08

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

DEPTH TO WATER: 3.49 T/ PVC

DEPTH TO BOTTOM 9.87 T/ PVC

WELL VOLUME: 4.13 ☑ LITERS ☐ GALLONS

VOLUME REMOVED 30 ☑ LITERS ☐ GALLONS

COLOR: Brn ODOR: none

TURBIDITY: 81.8

☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

PH: 6.55 SU CONDUCTIVITY: 446 umhos/cm

ORP: -110.7 mv DO: 0.24 mg/L

TURBIDITY: 19.2 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 15.71 °C OTHER: ____

COLOR: clear ODOR: none

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: clear FILTRATE ODOR: none

QC SAMPLE: ☐ MS/MSD ☐ DUP- ____

COMMENTS: Ferrous - 25 CO_2 - 70 Alk - 160

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)
0811	400	6.44	471	1.0	1.98	81.8	17.72	3.49	INITIAL
0816		5.85	471	-33.7	0.34	74.8	17.67	4.01	2.0
0821		6.16	469	-66.5	0.24	22.8	17.66	4.32	4.0
0826		6.30	465	-79.4	0.22	18.7	17.43	4.61	6.0
0831		6.33	462	-86.5	0.22	19.6	16.89	5.00	8.0
0836		6.33	458	-87.9	0.26	44.6	16.42	5.31	10.0
0841		6.36	454	-89.5	0.20	58.0	16.24	5.38	12.0
0846		6.42	450	-95.0	0.21	51.2	16.01	5.43	14.0
0851		6.44	449	-98.2	0.21	41.7	15.88	5.46	16.0
0856	400	6.48	448	-102.7	0.22	32.2	15.80	5.46	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	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-22-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-22-08

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-22-08	BY: KO	DATE: 8/12/08

SAMPLE ID: MW-25(R)

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0901	400	6.52	447	-104.8	0.22	25.0	15.74	5.46	20
0906	↓	6.52	446	-107.0	0.24	20.4	15.68	5.46	22
0911		6.54	446	-108.6	0.25	22.1	15.67	5.46	24
0916		6.55	445	-109.7	0.23	19.8	15.68	5.46	26
0921		6.56	446	-107.3	0.25	20.3	15.71	5.46	28
0926		6.55	446	-110.7	0.24	19.2	15.71	5.47	30

SIGNATURE: Scott Middlebrook

DATE SIGNED: 9-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/22/08	BY: dO	DATE: 8/12/08

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

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 0955	DATE: 7/22/08	SAMPLE	TIME: 1015	DATE: 7/22/08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER	PH: 7.23 SU; CONDUCTIVITY: 369 umhos/cm; ORP: 51 mv; DO: 4.29 mg/L
DEPTH TO WATER: 9.46 T/ PVC	TURBIDITY: 6 NTU
DEPTH TO BOTTOM 16.71 T/ PVC	☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY
WELL VOLUME: 4.70 ☑ LITERS ☐ GALLONS	TEMPERATURE: 19.58 °C; OTHER:
VOLUME REMOVED 8.0 ☑ LITERS ☐ GALLONS	COLOR: CLR; ODOR: None
COLOR: L. Brn; ODOR: None	FILTRATE (0.45 um) ☑ YES ☐ NO
TURBIDITY: 223	FILTRATE COLOR: CLR; FILTRATE ODOR: None
☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY	QC SAMPLE: ☐ MS/MSD ☐ DUP-
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER	COMMENTS:

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0955	400	7.31	391	41	7.48	223	21.48	9.46	INITIAL
1000	↓	7.18	370	41	4.95	76	19.73	9.55	2.0
1005		7.19	365	45	4.49	17	19.64	9.55	4.0
1010		7.21	368	49	4.32	10	19.58	9.55	6.0
1015		7.23	369	51	4.29	6	19.58	9.55	8.0
			Ferrous →	0 ppm					
			ALK →	70 ppm					
			CO_2 →	12 ppm					

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
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/B	☒ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/22/08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: E. [illegible]	DATE SIGNED: 7/22/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-22-08	BY: dO	DATE: 8/12/08

SAMPLE ID: MW-30D WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER ____

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

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

PURGING	TIME: 1013	DATE: 7-22-08	SAMPLE	TIME: 1058	DATE: 7-22-08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER ____	PH: 7.30 SU CONDUCTIVITY: 328 umhos/cm
	ORP: -112.3 mv DO: 0.20 mg/L
DEPTH TO WATER: 4.19 T/ PVC	TURBIDITY: 9.41 NTU
DEPTH TO BOTTOM NM T/ PVC	☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY
WELL VOLUME: NA ☑ LITERS ☐ GALLONS	TEMPERATURE: 15.26 °C OTHER: ____
VOLUME REMOVED 18.0 ☑ LITERS ☐ GALLONS	COLOR: clear ODOR: none
COLOR: orange ODOR: none	FILTRATE (0.45 um) ☑ YES ☐ NO
TURBIDITY: 809	FILTRATE COLOR: clear FILTRATE ODOR: none
☐ NONE ☐ SLIGHT ☐ MODERATE ☒ VERY	QC SAMPLE: ☐ MS/MSD ☐ DUP- ____
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER	COMMENTS: CO_2 - 14 Ferrous - 2.5 ALK - 115

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)
1013	400	6.92	332	-96.7	0.60	809	16.33	4.19	INITIAL
1018		6.97	317	-136.1	0.09	78.4	15.30	4.88	2.0
1023		7.06	320	-122.9	0.12	35.1	15.30	4.21	4.0
1028		7.21	322	-115.9	0.13	20.1	15.31	4.26	6.0
1033		7.26	324	-116.6	0.14	16.7	15.45	4.27	8.0
1038		7.27	325	-122.1	0.16	12.6	15.41	4.27	10.0
1043		7.28	327	-108.8	0.19	15.0	15.51	4.27	12.0
1048		7.28	328	-116.8	0.15	13.7	15.52	4.27	14.0
1053		7.28	328	-113.9	0.14	10.77	15.35	4.27	16.0
1058		7.30	328	-112.3	0.20	9.41	15.86	4.27	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	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-22-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/22/08	BY: [illegible]	DATE: 8/12/08

SAMPLE ID: GE1-2s

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

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

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

PURGING	TIME: 1056	DATE: 7/22/08	SAMPLE	TIME: 1131	DATE: 7/22/08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ BAILER ____		PH: 6.73 SU	CONDUCTIVITY: 1054 umhos/cm	
			ORP: 69 mv	DO: 1.69 mg/L	
DEPTH TO WATER: 11.81 T/ PVC			TURBIDITY: 10 NTU		
DEPTH TO BOTTOM 19.63 T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 5.07 ☑ LITERS ☐ GALLONS			TEMPERATURE: 13.45 °C	OTHER: ____	
VOLUME REMOVED 14.0 ☑ LITERS ☐ GALLONS			COLOR: CLR	ODOR: None	
COLOR: L. Brn	ODOR: None		FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: 205			FILTRATE COLOR: CLR	FILTRATE ODOR: None	
☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☒ DUP- 02		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: ATM-01		

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)
1056	400	6.84	815	98	12.97	205	20.99	11.81	INITIAL
1101	↓	6.62	1069	100	1.41	172	13.72	11.90	2.0
1106		6.64	1056	84	0.51	65	13.42	11.90	4.0
1111		6.67	1054	80	0.36	39	13.40	11.90	6.0
1116		6.71	1050	75	0.27	25	13.36	11.90	8.0
1121		6.73	1048	71	2.08	18	13.45	11.90	10.0
1126		6.74	1051	69	1.84	13	13.53	11.90	12.0
1131	↓	6.73	1054	69	1.69	10	13.45	11.90	14.0
		Ferrous →	0.6 ppm		Alk →	175 ppm	CO_2 →		25 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
24	40 mL	VOA	E	☐ Y ☑ N	24	1 L	AMBER	A	☐ Y ☑ N
24	40 mL	VOA	A	☐ Y ☑ N	24	500mL	PLASTIC	A/B	☒ Y ☑ N
2	100 mL	PLASTIC		☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
2	125 mL	PLASTIC	A	☐ Y ☑ N	2	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/22/08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7/22/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/22/08	BY: dO	DATE: 8/12/08

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

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

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1200	DATE: 7/22/08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER	PH: ____ SU — CONDUCTIVITY: umhos/cm
	ORP: ____ mv — DO: ____ mg/L
DEPTH TO WATER: ____ T/ PVC	TURBIDITY: ____ NTU
DEPTH TO BOTTOM ____ 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
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 EV	☐ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/22/08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7/22/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-22-08	BY: JO	DATE: 8/12/08

SAMPLE ID: MW-30I

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

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

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

PURGING	TIME: 1128	DATE: 7-22-08	SAMPLE	TIME: 1148	DATE: 7-22-08

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

DEPTH TO WATER: 4.19 T/ PVC

DEPTH TO BOTTOM 18.10 T/ PVC

WELL VOLUME: 9.01 ☑ LITERS ☐ GALLONS

VOLUME REMOVED 8.0 ☑ LITERS ☐ GALLONS

COLOR: clear ODOR: none

TURBIDITY: 13.3

☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

PH: 7.11 SU CONDUCTIVITY: 552 umhos/cm

ORP: -136.0 mv DO: 0.04 mg/L

TURBIDITY: 8.56 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 16.62 °C OTHER: ____

COLOR: clear ODOR: none

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: clear FILTRATE ODOR: none

QC SAMPLE: ☐ MS/MSD ☐ DUP- ____

COMMENTS: Ferrous 710 ALK-180 CO_2-50

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	6.98	477	58.2	4.76	13.3	19.71	4.19	INITIAL
1133	↓	7.09	547	-127.3	0.10	11.9	16.80	4.27	2.0
1138		7.08	550	-130.9	0.06	9.92	16.81	4.27	4.0
1143		7.07	551	-132.0	0.05	8.78	16.65	4.27	6.0
1148		7.11	552	-136.0	0.04	8.56	16.62	4.27	8.0

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	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-22-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [illegible]	DATE SIGNED: 7-22-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-22-08	BY: [illegible]	DATE: 8/12/08

SAMPLE ID: MW-30s

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

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

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

PURGING	TIME: 1327	DATE: 7-22-08	SAMPLE	TIME: 1407	DATE: 7-22-08

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

DEPTH TO WATER: 4.43 T/ PVC

DEPTH TO BOTTOM 12.08 T/ PVC

WELL VOLUME: 4.9 ☑ LITERS ☐ GALLONS

VOLUME REMOVED 16.0 ☑ LITERS ☐ GALLONS

COLOR: floaters/grey ODOR: none

TURBIDITY: 74.2

☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

PH: 6.93 SU CONDUCTIVITY: 378 umhos/cm

ORP: -128.1 mv DO: 0.03 mg/L

TURBIDITY: 11.2 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 19.06 °C OTHER: ____

COLOR: clear/few floats ODOR: slight

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: clear FILTRATE ODOR: none

QC SAMPLE: ☐ MS/MSD ☐ DUP- ____

COMMENTS: Ferrous >10 CO_2 - 70 ALK - 200

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)
1327	400	6.67	395	19.9	0.63	74.2	20.63	4.43	INITIAL
1332	↓	6.92	384	-89.8	0.09	54.6	19.33	4.59	2.0
1337		6.95	381	-112.0	0.05	27.9	19.23	4.59	4.0
1342		6.94	384	-121.8	0.04	18.7	19.65	4.57	6.0
1347		6.95	379	-126.5	0.03	15.7	19.12	4.57	8.0
1352		6.95	379	-128.5	0.03	13.3	19.04	4.57	10.0
1357		6.93	378	-129.7	0.04	11.8	19.03	4.58	12.0
1402		6.93	377	-129.3	0.03	11.9	18.99	4.57	14.0
1407		6.93	378	-128.1	0.03	11.2	19.06	4.57	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
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	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-22-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [illegible]	DATE SIGNED: 7-22-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/22/08	BY: dO	DATE: 8/12/08

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

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

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

PURGING	TIME: 1337	DATE: 7/22/08	SAMPLE	TIME: 1407	DATE: 7/22/08
PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER ____			PH: 6.78 SU	CONDUCTIVITY: 2280 umhos/cm	
			ORP: 39 mv	DO: 1.30 mg/L	
DEPTH TO WATER: 10.46 T/ PVC			TURBIDITY: 8 NTU		
DEPTH TO BOTTOM 19.51 T/ PVC			☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 5.86 ☑ LITERS ☐ GALLONS			TEMPERATURE: 15.51 °C	OTHER: ____	
VOLUME REMOVED 12.0 ☑ LITERS ☐ GALLONS			COLOR: CLR	ODOR: None	
COLOR: L. Brn / Flood	ODOR: None		FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: 275			FILTRATE COLOR: CLR	FILTRATE ODOR: None	
☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP- ____		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR (L))
1337	400	6.08	2000	75	4.89	275	20.96	10.46	INITIAL
1342	↓	6.67	2300	54	2.07	62	15.99	10.46	2.0
1347		6.70	2280	46	1.62	27	15.76	10.46	4.0
1352		6.72	2280	43	1.43	17	15.55	10.46	6.0
1357		6.77	2280	39	1.33	14	15.49	10.46	8.0
1402		6.76	2280	39	1.31	11	15.58	10.46	10.0
1407		6.78	2280	39	1.30	8	15.51	10.46	12.0
			Ferrous – 3 ppm						
			Alk – 140 ppm						
			CO_2 – 28 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
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/B	☒ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/22/08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: E. Kenil	DATE SIGNED: 7/22/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/22/08	BY: [illegible]	DATE: 8/12/08

SAMPLE ID: MW-19-7 WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER ____

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

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

PURGING	TIME: 1435	DATE: 7/22/08	SAMPLE	TIME: 1515	DATE: 7/22/08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ BAILER ____		PH: 6.94 SU	CONDUCTIVITY: 980 umhos/cm	
			ORP: 60 mv	DO: 0.11 mg/L	
DEPTH TO WATER: 9.79 T/ PVC			TURBIDITY: 29 NTU		
DEPTH TO BOTTOM 20.24 T/ PVC			☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 6.77 ☑ LITERS ☐ GALLONS			TEMPERATURE: 16.78 °C	OTHER: ____	
VOLUME REMOVED 16.0 ☑ LITERS ☐ GALLONS			COLOR: CLOUDY	ODOR: None	
COLOR: CLR/Float.	ODOR: None		FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: 23			FILTRATE COLOR: CLR	FILTRATE ODOR: None	
☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP- ____		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: Ferrous → 0.5 ppm Alk → 150 ppm CO_2 → 27 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)
1435	400	7.28	916	51	3.41	23	23.41	9.79	INITIAL
1440	↓	6.92	945	60	0.34	30	16.88	9.80	2.0
1445		6.91	935	59	0.31	30	16.88	9.80	4.0
1450		6.93	925	60	0.33	14	16.81	9.80	6.0
1455		6.90	936	63	0.28	21	16.80	9.80	8.0
1500		6.91	954	63	0.22	37	16.80	9.80	10.0
1505		6.92	965	63	0.16	32	16.33	9.80	12.0
1510		6.94	969	61	0.12	30	16.80	9.80	14.0
1515	↓	6.94	980	60	0.11	29	16.78	9.80	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
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/B	☒ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/22/08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7/22/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-22-08	BY: [illegible]	DATE: 8/12/08

SAMPLE ID: MW-29S

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

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

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

PURGING	TIME: 1509	DATE: 7-22-08	SAMPLE	TIME: 1539	DATE: 7-22-08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER ____	PH: 6.61 SU / CONDUCTIVITY: 456 umhos/cm
	ORP: -79.7 mv / DO: 0.08 mg/L
DEPTH TO WATER: 8.76 T/ PVC	TURBIDITY: 8.09 NTU
DEPTH TO BOTTOM 14.58 T/ PVC	☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY
WELL VOLUME: 3.77 ☑ LITERS ☐ GALLONS	TEMPERATURE: 20.04 °C / OTHER: ____
VOLUME REMOVED 12.0 ☑ LITERS ☐ GALLONS	COLOR: clr. / ODOR: none
COLOR: cloudy / ODOR: none	FILTRATE (0.45 um) ☑ YES ☐ NO
TURBIDITY: 44.4	FILTRATE COLOR: clear / FILTRATE ODOR: none
☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY	QC SAMPLE: ☐ MS/MSD ☐ DUP- ____
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER	COMMENTS: Ferrous > 10 ALK-300 CO_2-130

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1509	400	6.11	522	3.3	1.49	44.4	23.76	8.76	INITIAL
1514	↓	6.66	466	-55.1	0.09	36.3	20.43	8.86	2.0
1519		6.63	461	-59.3	0.06	26.8	20.39	8.86	4.0
1524		6.63	461	-65.5	0.06	16.8	20.28	8.86	6.0
1529		6.61	458	-74.9	0.06	11.7	20.10	8.86	8.0
1534		6.61	456	-77.3	0.07	10.17	20.00	8.86	10.0
1539	↓	6.61	456	-79.7	0.08	8.09	20.04	8.86	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	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-22-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-23-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/22/08	BY: [illegible]	DATE: 8/12/08

SAMPLE ID: MW-19-S

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

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

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

PURGING	TIME: 1554	DATE: 7/22/08	SAMPLE	TIME: 1659	DATE: 7/22/08

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

DEPTH TO WATER: 10.28 T/ PVC

DEPTH TO BOTTOM 15.59 T/ PVC

WELL VOLUME: 3.44 ☑ LITERS ☐ GALLONS

VOLUME REMOVED 26.0 ☑ LITERS ☐ GALLONS

COLOR: Gray ODOR: V. Slight

TURBIDITY: 959

☐ NONE ☐ SLIGHT ☐ MODERATE ☒ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

PH: 6.76 SU CONDUCTIVITY: 896 umhos/cm

ORP: -23 mv DO: 0.07 mg/L

TURBIDITY: 2 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 14.55 °C OTHER: ____

COLOR: CLR ODOR: Strong

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: CLR FILTRATE ODOR: Strong

QC SAMPLE: ☐ MS/MSD ☐ DUP- ____

COMMENTS:

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1554	400	6.61	441	36	4.41	959	19.66	10.28	INITIAL
1559		6.56	512	32	1.47	214	15.46	10.35	2.0
1604		6.65	656	17	0.52	62	15.03	10.39	4.0
1609		6.67	704	9	0.29	44	14.91	10.39	6.0
1614		6.68	754	3	0.21	26	14.84	10.39	8.0
1619		6.70	766	-3	0.49	18	14.83	10.39	10.0
1624		6.73	795	-7	0.22	8	14.76	10.39	12.0
1629		6.75	821	-12	0.15	5	14.84	10.39	14.0
1634		6.76	838	-14	0.13	4	14.86	10.39	16.0
1639		6.76	851	-16	0.11	4	14.86	10.39	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/B	☒ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/22/08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: E. Vasil	DATE SIGNED: 7/22/08

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/22/08	BY: SD	DATE: 8/12/08

SAMPLE ID: MW-19-S

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)
1644	400	6.76	867	-18	0.09	4	14.53	10.39	20.0
1649	↓	6.75	878	-20	0.08	3	14.64	10.39	22.0
1654		6.78	890	-22	0.07	3	14.60	10.39	24.0
1659	↓	6.76	896	-23	0.07	2	14.55	10.39	26.0
			Ferrous →		>20 ppm				
			ALK →		190 ppm				
			CO_2 →		30 ppm				

SIGNATURE: E. Vail

DATE SIGNED: 7/22/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-23-08	BY: JO	DATE: 8/12/08

SAMPLE ID: mw-28s

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

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

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

PURGING	TIME: 0804	DATE: 7-23-08	SAMPLE	TIME: 0824	DATE: 7-23-08

PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ BAILER ____	PH: 6.91 SU	CONDUCTIVITY: 390 umhos/cm
		ORP: -65.1 mv	DO: 0.29 mg/L
DEPTH TO WATER: 7.13 T/ PVC		TURBIDITY: 9.54 NTU	
DEPTH TO BOTTOM 17.63 T/ PVC		☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY	
WELL VOLUME: 6.80 ☑ LITERS ☐ GALLONS		TEMPERATURE: 15.33 °C	OTHER: ____
VOLUME REMOVED 8.0 ☑ LITERS ☐ GALLONS		COLOR: clear	ODOR: ~~none~~ slight
COLOR: cloudy/Dark	ODOR: none	FILTRATE (0.45 um) ☑ YES ☐ NO	
TURBIDITY: 44.0		FILTRATE COLOR: clr	FILTRATE ODOR: ~~none~~ slight
☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY		QC SAMPLE: ☐ MS/MSD ☒ DUP- 03	
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER		COMMENTS: Sheen in purge buckets	

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)
0804	400	6.32	394	91.3	3.35	44.0	17.32	7.13	INITIAL
0809	↓	6.70	394	-12.3	0.24	45.4	15.53	7.13	2.0
0814		6.88	393	-51.2	0.12	19.8	15.39	7.13	4.0
0819		6.91	391	-59.2	0.11	15.0	15.34	7.13	6.0
0824	↓	6.91	390	-65.1	0.29	9.54	15.33	7.13	8.0
			Ferrous > 20		A/K	- 200	CO_2 - 35		

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	40 mL	VOA	E	☐ Y ☑ N	4	1 L	AMBER	A	☐ Y ☑ N
4	40 mL	VOA	A	☐ Y ☑ N	4	500mL	PLASTIC	A	☐ Y ☑ N
2	100 mL	PLASTIC		☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
2	125 mL	PLASTIC	A	☐ Y ☑ N	2	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-23-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-25-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/23/08	BY: [illegible]	DATE: 8/12/08

SAMPLE ID: MW-28I

WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 0758	DATE: 7/23/08	SAMPLE	TIME: 0843	DATE: 7/23/08

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

DEPTH TO WATER: 6.96 T/ PVC

DEPTH TO BOTTOM 22.81 T/ PVC

WELL VOLUME: 10.27 ☑ LITERS ☐ GALLONS

VOLUME REMOVED 18.0 ☑ LITERS ☐ GALLONS

COLOR: Cloudy ODOR: V.Slight

TURBIDITY: 65

☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER

PH: 7.34 SU CONDUCTIVITY: 530 umhos/cm

ORP: -136 mv DO: 0.21 mg/L

TURBIDITY: 10 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 14.94 °C OTHER:

COLOR: CLR ODOR: V.Slight

FILTRATE (0.45 um) ☑ YES ☐ NO

FILTRATE COLOR: CLR FILTRATE ODOR: V.Slight

QC SAMPLE: ☒ MS/MSD ☐ DUP-

COMMENTS: Slight Sheen in bucket

Ferrous → >20 ppm

CO_2 → 23 ppm

ALK → 170 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)
0758	400	5.86	512	82	7.52	65	19.85	6.96	INITIAL
0803	↓	6.60	551	-69	0.53	123	15.37	6.96	2.0
0808		6.87	548	-102	0.34	85	15.12	6.96	4.0
0813		6.98	543	-113	0.30	52	15.10	6.96	6.0
0818		7.08	540	-122	0.28	30	15.10	6.96	8.0
0823		7.16	537	-127	0.24	23	15.15	6.96	10.0
0828		7.23	536	-130	0.23	20	15.29	6.96	12.0
0833		7.28	534	-133	0.21	18	15.08	6.96	14.0
0838		7.32	531	-136	0.19	11	14.94	6.96	16.0
0843	↓	7.34	530	-136	0.21	10	14.94	6.96	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
4	40 mL	VOA	E	☐ Y ☑ N	4	1 L	AMBER	A	☐ Y ☑ N
4	40 mL	VOA	A	☐ Y ☑ N	4	500mL	PLASTIC	A/B	☒ Y ☑ N
2	100 mL	PLASTIC		☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
2	125 mL	PLASTIC	A	☐ Y ☑ N	2	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/23/08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7/23/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/23/08	BY: dO	DATE: 8/12/08

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

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 0950	DATE: 7/23/08	SAMPLE	TIME: 1015	DATE: 7/23/08

PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER	PH: 6.42 SU / CONDUCTIVITY: 1150 umhos/cm
	ORP: -30 mv / DO: 0.16 mg/L
DEPTH TO WATER: 10.62 T/ PVC	TURBIDITY: 7 NTU
DEPTH TO BOTTOM 16.59 T/ PVC	☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY
WELL VOLUME: 14.80 ☑ LITERS ☐ GALLONS	TEMPERATURE: 13.94 °C / OTHER:
VOLUME REMOVED 10.0 ☑ LITERS ☐ GALLONS	COLOR: CLR / ODOR: Slight
COLOR: Cloudy / ODOR: Slight	FILTRATE (0.45 um) ☑ YES ☐ NO
TURBIDITY: 24	FILTRATE COLOR: CLR / FILTRATE ODOR: Slight
☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY	QC SAMPLE: ☐ MS/MSD ☐ DUP-
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER	COMMENTS:

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0950	400	6.33	1171	25	9.23	24	17.64	10.62	INITIAL
0955	↓	6.24	1197	6	0.54	24	14.01	10.67	2.0
1000		6.26	1172	-8	0.35	12	13.94	10.70	4.0
1005		6.34	1162	-17	0.21	10	13.90	10.72	6.0
1010		6.39	1169	-24	0.19	7	14.00	10.72	8.0
1015		6.42	1150	-30	0.16	7	13.94	10.72	10.0
			Ferrous →	> 20 ppm					
			AlK →	140 ppm					
			CO_2 →	50 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
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/B	☒ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/23/08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7/23/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7/24/08	BY: [illegible]	DATE: 8/12/08

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

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

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

PURGING	TIME: 0948	DATE: 7/24/08	SAMPLE	TIME: 1023	DATE: 7/24/08
PURGE METHOD:	☑ PUMP BLADDER PUMP (QED) ☐ BAILER ____		PH: 7.04 SU	CONDUCTIVITY: 571 umhos/cm	
			ORP: -162 mv	DO: 0.06 mg/L	
DEPTH TO WATER: 3.29 T/ PVC			TURBIDITY: 20 NTU		
DEPTH TO BOTTOM 20.34 T/ PVC			☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 41.78 ☑ LITERS ☐ GALLONS			TEMPERATURE: 15.63 °C	OTHER: ____	
VOLUME REMOVED 14.0 ☑ LITERS ☐ GALLONS			COLOR: Clr/Float.	ODOR: None	
COLOR: Brn/Float	ODOR: None		FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: 211			FILTRATE COLOR: Clr	FILTRATE ODOR: None	
☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP- ____		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0948	400	6.32	537	-19	4.41	211	15.95	3.29	INITIAL
0953	↓	6.73	585	-129	0.17	40	14.96	3.47	2.0
0958	↓	6.88	583	-152	0.12	25	14.90	3.47	4.0
1003	↓	6.96	582	-159	0.10	25	14.82	3.47	6.0
1008	↓	7.01	580	-162	0.09	19	15.10	3.47	8.0
1013	↓	7.03	576	-164	0.08	19	15.38	3.47	10.0
1018	↓	7.04	574	-163	0.08	17	15.52	3.47	12.0
1023	↓	7.04	571	-162	0.06	20	15.63	3.47	14.0
			Ferrous → >20 ppm			CO_2 → 30 ppm		Alk → 260 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
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/B	☐ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7/24/08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7/24/08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-24-08	BY: dO	DATE: 8/2/08

SAMPLE ID: RB-02 (Rental) WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☒ OTHER

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 7-24-08	DATE: 1110
PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) ☐ BAILER			PH: ____ SU	CONDUCTIVITY: ____ umhos/cm	
			ORP: ____ mv	DO: ____ mg/L	
DEPTH TO WATER: ____ T/ PVC			TURBIDITY: ____ NTU		
DEPTH TO BOTTOM NA T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ____ ☑ LITERS ☐ GALLONS			TEMPERATURE: NA °C	OTHER: ____	
VOLUME REMOVED ____ ☑ LITERS ☐ GALLONS			COLOR: ____	ODOR: ____	
COLOR: ____ ODOR: ____			FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: ____			FILTRATE COLOR: ____	FILTRATE ODOR: ____	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP- ____		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS:		

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

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
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	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-24-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: Scott Mahlberg	DATE SIGNED: 7-24-08

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.29	BY: EV/SM	DATE: 7-24-08	BY: DD	DATE: 8/12/08

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: 1320	DATE: 7-24-08
PURGE METHOD: ☑ PUMP BLADDER PUMP (QED) GER ☐ 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 NA ☑ LITERS ☐ GALLONS			COLOR: NA	ODOR: ____	
COLOR: ____ ODOR: ____			FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY: ____			FILTRATE COLOR: ____	FILTRATE ODOR: ____	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP- ____		
DISPOSAL METHOD ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS:		

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	500mL	PLASTIC	A	☐ Y ☑ N
1	100 mL	PLASTIC		☐ Y ☑ N	1	1 L	PLASTIC	A	☐ Y ☑ N
1	125 mL	PLASTIC	A	☐ Y ☑ N	1	250 mL	PLASTIC	C	☐ Y ☑ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 7-24-08	AIRBILL NUMBER: NA
COC NUMBER: NA	SIGNATURE: [signature]	DATE SIGNED: 7-24-08

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric Vinke

Email to: eric.vinke@rmtinc.com

Project Description: L.E. Carpenter

City/Sate Collected: New Jersey

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

Client Project #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature):

Packed on Ice N Y

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

Date Results Needed: 2 wks

Email? __No ✓Yes

FAX? ✓No __Yes

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

CoCode RMTGRMI (lab use only)
Template/Prelogin 141578
Shipped Via: C/C 7/15

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEX	bis-2-Ethylhexylphthalate (DEHP)	TSS	TDS,Sulfate, Nitrate, Nitrite	Dissolved Lead	Ammonia N, T. Phosphorus	RSK175-Methane only	~~Total Lead~~ Diss. Lead	Remarks/Contaminant	Sample # (lab only)
TB-04	Grab	GW	NA	7/24/08	—	1	X									
MW-8	Grab	GW	↓	↓	1623	11	X	X	X	X	X	X	X	X		
RB-02	Grab	GW	↓	↓	1110	11	X	X	X	X	X	X	X	X	Not Field Filtered	
RB-03	Grab	GW	↓	↓	1320	11	X	X	X	X	X	X	X	X	" "	
MW-32S	Grab	GW	↓	↓	0757	3				X		X		X		
MW-34S	Grab	GW	NA	7/24/08	0730	1						X				
	Grab	GW														
	Grab	GW														
	Grab	GW														

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

pH _____ Temp _____

Remarks: RB-02 & RB-03 were left unpreserved. Please filter in lab & run for diss. Lead. This is the last samples for this event.

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
	7/24/08	1830	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
2025 E. Beltline Ave. SE
Ste. 402
Grand Rapids, MI 29546

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: eric.~~vinke~~ vincke@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 #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

CoCode RMTGRMI (lab use only)
Template/Prelogin T41527
Shipped Via:

Collected by (signature): S. Middlebrook

Packed on Ice N Y

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

Date Results Needed: 2 wks

Email? __No __Yes
FAX? No __Yes

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-8	Grab	GW	NA	7/23/12	1023	1	X								
RB-02	Grab	GW	NA	7/23/12	1110	1	X								
RB-03	Grab	GW	NA	7/23/12	1330	1	X								
	Grab	GW													
	Grab	GW													
	Grab	GW													
	Grab	GW													
	Grab	GW													
	Grab	GW													

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

pH _____ Temp _____

Remarks: End of samples for this event.

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
S. Middlebrook	7/23/12	1730	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
2025 E. Beltline Ave. SE
Ste. 402
Grand Rapids, MI 29546

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: eric.~~vinke~~ vincke@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 #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature): E. Middlebrook

Packed on Ice N

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 CR 7/15
Shipped Via:

Analysis/Container/Preservative: Heterotrophic Plate Count; To Be Subbed out to Environmental Health Labs.

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-03	Grab	GW	NA	7/23/08	—	1	X			
MW-28S	Grab	GW			0824	1	X			
MW-28I	Grab	GW			0843	1	X			
MW-28I MS/MSD	Grab	GW			0843	1	X			
MW-19	Grab	GW			1015	1	X			
MW-27S	Grab	GW			0945	1	X			
MW-33S	Grab	GW			1100	1	X			
MW-31S	Grab	GW			1105	1	X			
MW-32S	Grab	GW			1340	1	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)
	7/23/08	1830	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
2025 E. Beltline Ave. SE
Ste. 402
Grand Rapids, MI 29546

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: eric~~vinke~~vincke@rmtinc.com

Project Description: L.E. Carpenter

City/Sate Collected: New Jersey

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

Client Project #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature): E. Vincke, S. Middlebrook

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

Analysis/Container/Preservative

Heterotrophic Plate Count. To Be Subbed out to Environmental Health Labs.

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-34s	Grab	GW	NA	7/23/08	1405	1	X							
MW-35s	Grab	GW	NA	7/23/08	1500	1	X							
	Grab	GW												
	Grab	GW												
	Grab	GW												
	Grab	GW												
	Grab	GW												
	Grab	GW												
	Grab	GW												

Chain of Custody
Page 2 of 2

Prepared by:

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

CoCode RMTGRMI (lab use only)
Template/Prelogin T41527
Shipped Via: E-Mail

*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. Vincke	7/23/08	1830	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:

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: eric.~~vinke~~ vincke@rmtinc.com

Chain of Custody
Page 1 of 2

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 #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook

Site/Facility ID#:

P.O.#: 6529.29

CoCode RMTGRMI (lab use only)
Template/Prelogin T41527
Shipped Via:

Collected by (signature): E. Vincke, S. Middlebrook

Packed on Ice N Y ✓

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

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

Analysis/Container/Preservative: Heterotrophic Plate Count — To Be Subbed out to Environmental Health Labs.

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Heterotrophic Plate Count	Remarks/Contaminant	Sample # (lab only)
DUP-02	Grab	GW	NA	7/22/08	—	1	X		
MW-19-4	Grab	GW			0919	1	X		
MW-19-12	Grab	GW			1015	1	X		
MW-25(R)	Grab	GW			0926	1	X		
MW-30D	Grab	GW			1058	1	X		
GEI-2S	Grab	GW			1131	1	X		
MW-30I	Grab	GW			1148	1	X		
ATM-01	Grab	GW			1200	1	X		
MW-19-6	Grab	GW	NA	7/22/08	1407	1	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. Vincke	7/22/08		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:

54

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: eric.~~vinke~~ vincke@rmtinc.com

Project Description: L.E. Carpenter

City/Sate Collected: New Jersey

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

Client Project #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature):

Packed on Ice N Y

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

Date Results Needed: 2 wks

Email? __No ✓Yes

FAX? ✓No __Yes

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

CoCode RMTGRMI (lab use only)
Template/Prelogin 141528
Shipped Via:

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEX	bis-2-Ethylhexylphthalate (DEHP)	TSS	TDS, Sulfate, Nitrate, Nitrite	Dissolved Lead	Ammonia N, T. Phosphorus	RSK175-Methane only	~~Total Lead~~ Dissolved Lead	Remarks/Contaminant	Sample # (lab only)
TB-02	Grab	GW	NA	7/22/08	—	1	X									
DUP-02	Grab	GW			—	11	X	X	X	X	X	X	X	X		
MW-19-4	Grab	GW			0919	11	X	X	X	X	X	X	X	X		
MW-19-12	Grab	GW			1015	11	X	X	X	X	X	X	X	X		
MW-25 (R)	Grab	GW			0926	11	X	X	X	X	X	X	X	X		
MW-30D	Grab	GW			1058	11	X	X	X	X	X	X	X	X		
GEI-2S	Grab	GW			1131	11	X	X	X	X	X	X	X	X		
MW-30L	Grab	GW			1148	11	X	X	X	X	X	X	X	X		
ATM-01	Grab	GW	NA	7/22/08	1200	11	X	X	X	X	X	X	X	X	Not Field Filtered	

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

pH _____ Temp _____

Remarks: ATM-01 was not preserved or filtered. Filter in lab and run for diss. lead

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
	7/22/08		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:

60

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric Vinke

Email to: eric.vinke@rmtinc.com

Project Description: L.E. Carpenter

City/Sate Collected: New Jersey

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

Client Project #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature): E. Vincke, S. Middlebrook

Packed on Ice N Y ✓

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

Date Results Needed: 2 wks

Email? __No X Yes

FAX? X No __Yes

Analysis/Container/Preservative

Heterotrophic Plate Count

To Be Subbed out to Environmental Health Labs.

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
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Mt. Juliet, TN 37122

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

Chain of Custody
Page 1 of 1

CoCode RMTGRMI (lab use only)
Template/Prelogin T41527
Shipped Via: CL 7/15

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-30s	Grab	GW	NA	7/22/08	1407	1	X			
MW-19-7	Grab	GW	↓	↓	1515	1	X			
MW-29s	Grab	GW	↓	↓	1539	1	X			
MW-19-5	Grab	GW	NA	7/22/08	1659	1	X			
	Grab	GW								
	Grab	GW								
	Grab	GW								
	Grab	GW								
	Grab	GW								

*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. Vincke	7/22/08		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:

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: eric~~.vinke~~@rmtinc.com

Chain of Custody
Page 2 of 2

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 #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

CoCode RMTGRMI (lab use only)
Template/Prelogin: 141528
Shipped Via: 7/15

Collected by (signature): E. Vincke, S. Middlebrook

Packed on Ice N Y

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

Date Results Needed: 2wks

Email? __No ✓Yes
FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEX	bis-2-Ethylhexylphthalate (DEHP)	TSS	TDS,Sulfate, Nitrate, Nitrite	Dissolved Lead	Ammonia N, T. Phosphorus	RSK175-Methane only	~~Total Lead~~ Diss. Lead	Remarks/Contaminant	Sample # (lab only)
MW-19-6	Grab	GW	NA	7/22/08	1407	11	X	X	X	X	X	X	X	X		
MW-30s	Grab	GW	↓	↓	1407	11	X	X	X	X	X	X	X	X		
MW-19-7	Grab	GW	↓	↓	1515	11	X	X	X	X	X	X	X	X		
MW-29s	Grab	GW	↓	↓	1539	11	X	X	X	X	X	X	X	X		
MW-19-5	Grab	GW	NA	7/22/08	1659	11	X	X	X	X	X	X	X	X		
	Grab	GW														
	Grab	GW														
	Grab	GW														
	Grab	GW														

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

pH _____ Temp _____

Remarks: More Samples coming this week. Keep login rolling.

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
E. Vincke	7/22/08		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:

62

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Eric Vincke ~~Mr. Eric Vinke~~

Email to: eric.vinke@rmtinc.com

Project Description: L.E. Carpenter

City/Sate Collected: New Jersey

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

Client Project #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: EV/SM

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature): E. Vincke & Middlebrook

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

Chain of Custody Page 1 of 2

Prepared by:

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

CoCode RMTGRMI (lab use only)
Template/Prelogin 441101
Shipped Via: ER 7/15

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEX	bis-2-Ethylhexylphthalate (DEHP)						Remarks/Contaminant	Sample # (lab only)
TB-01	Grab	GW	NA	7/21/08	—	~~1~~ 4	X								
DUP-01	Grab	GW			—	4	X	X							
DRC-02	Grab	GW			1107	4	X	X							
SW-D-5	Grab	GW			1115	4	X	X							
SW-R-1	Grab	GW			1128	4	X	X							
SW-R-2	Grab	GW			1138	4	X	X							
SW-R-3	Grab	GW			1153	8	X	X						MS/MSD	
SW-R-4	Grab	GW			1208	4	X	X							
SW-R-6	Grab	GW	NA	7/21/08	1250	4	X	X							

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

pH _____ Temp _____

Remarks: More samples coming this week Keep rolling for 1 report + 1 invoice

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
E. Vincke	7/21/08	1500	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:

63

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric Vinke
Eric Vincke

Email to: eric~~vinke~~@rmtinc.com
Vincke

Project Description: L.E. Carpenter

City/Sate Collected: New Jersey

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

Client Project #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: EV/SM

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature): [signature]

Packed on Ice N Y✓

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

Date Results Needed:

Email? __No X Yes

FAX? __No__Yes

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

CoCode RMTGRMI (lab use only)
Template/Prelogin 441101
Shipped Via: 7/15

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEX	bis-2-Ethylhexylphthalate (DEHP)					Remarks/Contaminant	Sample # (lab only)
SW-R-5	Grab	GW	NA	7/21/08	1307	4	X	X						
SW-D-4	Grab	GW			1226	4	X	X						
SW-D-3	Grab	GW			1325	4	X	X						
SW-D-2	Grab	GW			1339	4	X	X						
SW-D-1	Grab	GW			1347	4	X	X						
RB-01	Grab	GW	NA	7/21/08	1405	4	X	X						
	Grab	GW												
	Grab	GW												
	Grab	GW												

*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)	
[signature]	7/21/08	1500	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:

64

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: eric.~~vinke~~ vincke@rmtinc.com

Project Description: L.E. Carpenter

City/Sate Collected: New Jersey

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

Client Project #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature): E. Vincke, S. Middlebrook

Packed on Ice N Y

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

Date Results Needed: 2 wks

Email? __No ✓Yes

FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEX	bis-2-Ethylhexylphthalate (DEHP)	TSS	TDS,Sulfate, Nitrate, Nitrite	Dissolved Lead	Ammonia N, T. Phosphorus	RSK175-Methane only	~~Total Lead~~ Diss. Lead	Remarks/Contaminant	Sample # (lab only)
MW-34S	Grab	GW	NA	7/23/08	1405	6	X	X					X			
MW-35S	Grab	GW	NA	7/23/08	1500	11	X	X	X	X	X	X	X	X		
TB-03	Grab	GW	NA	7/23/08	—	1	X									
	Grab	GW														
	Grab	GW														
	Grab	GW														
	Grab	GW														
	Grab	GW														
	Grab	GW														

Chain of Custody
Page 2 of 2

Prepared by:

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

CoCode RMTGRMI (lab use only)
Template/Prelogin 141028
Shipped Via: 7/15

*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. Vincke	7/23/08	1830	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:

65

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: eric.~~vinke~~ vincke@rmtinc.com

Project Description: L.E. Carpenter

City/Sate Collected: New Jersey

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

Client Project #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature):

Packed on Ice N

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

Date Results Needed: 5-15

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

CoCode RMTGRMI (lab use only)
Template/Prelogin 141528
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEX	bis-2-Ethylhexylphthalate (DEHP)	TSS	TDS,Sulfate, Nitrate, Nitrite	Dissolved Lead	Ammonia N, T. Phosphorus	RSK175-Methane only	~~Total Lead~~ Diss. Lead	Remarks/Contaminant	Sample # (lab only)
DUP-03	Grab	GW	NA	7/23/08	—	11	X	X	X	X	X	X	X	X		
MW-28S	Grab	GW			0824	11	X	X	X	X	X	X	X	X		
MW-28I	Grab	GW			0843	11	X	X	X	X	X	X	X	X		
MW-28I MS/MSD	Grab	GW			0843	11	X	X	X	X	X	X	X	X		
MW-19	Grab	GW			1015	11	X	X	X	X	X	X	X	X		
MW-27S	Grab	GW			0945	10	X	X	X	X	X	X	X			
MW-33S	Grab	GW			1100	11	X	X	X	X	X	X	X	X		
MW-31S	Grab	GW			1105	11	X	X	X	X	X	X	X	X		
MW-32S	Grab	GW			1340	6	X	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)
	7/23/08	1830	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:

06

Appendix C
3rd Quarter 2008 Laboratory Analytical Report

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
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Tax I.D. 62-0814289

Est. 1970

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402

Grand Rapids, MI 49546

Report Summary

Monday August 11, 2008

Report Number: L356130
Samples Received: 07/25/08
Client Project: 6527.29

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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46 Samples Reported: 08/11/08 08:38 Printed: 08/11/08 08:38

ENVIRONMENTAL
SCIENCE CORP.

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Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-01

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : TB-01

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.0010	mg/l	8260B	07/23/08	1
Toluene	BDL	0.0050	mg/l	8260B	07/23/08	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	07/23/08	1
Total Xylenes	BDL	0.0030	mg/l	8260B	07/23/08	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	07/23/08	1
Dibromofluoromethane	98.9		% Rec.	8260B	07/23/08	1
4-Bromofluorobenzene	106.		% Rec.	8260B	07/23/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 08/11/08 08:38 Printed: 08/11/08 08:39

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-02

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : DUP-01

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/23/08	1
Toluene	BDL	5.0	ug/l	8260B	07/23/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/23/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/23/08	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	07/23/08	1
Dibromofluoromethane	99.5		% Rec.	8260B	07/23/08	1
4-Bromofluorobenzene	106.		% Rec.	8260B	07/23/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/25/08	1
Surrogate Recovery						
Nitrobenzene-d5	28.9		% Rec.	8270C	07/25/08	1
2-Fluorobiphenyl	30.0		% Rec.	8270C	07/25/08	1
p-Terphenyl-d14	46.8		% Rec.	8270C	07/25/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-03

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : DRC-02

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 11:07

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/23/08	1
Toluene	BDL	5.0	ug/l	8260B	07/23/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/23/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/23/08	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	07/23/08	1
Dibromofluoromethane	101.		% Rec.	8260B	07/23/08	1
4-Bromofluorobenzene	101.		% Rec.	8260B	07/23/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/25/08	1
Surrogate Recovery						
Nitrobenzene-d5	62.3		% Rec.	8270C	07/25/08	1
2-Fluorobiphenyl	68.3		% Rec.	8270C	07/25/08	1
p-Terphenyl-d14	88.3		% Rec.	8270C	07/25/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-04

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : SW-D-5

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 11:15

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/24/08	1
Toluene	BDL	5.0	ug/l	8260B	07/24/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/24/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/24/08	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	07/24/08	1
Dibromofluoromethane	108.		% Rec.	8260B	07/24/08	1
4-Bromofluorobenzene	101.		% Rec.	8260B	07/24/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/25/08	1
Surrogate Recovery						
Nitrobenzene-d5	56.2		% Rec.	8270C	07/25/08	1
2-Fluorobiphenyl	60.4		% Rec.	8270C	07/25/08	1
p-Terphenyl-d14	78.2		% Rec.	8270C	07/25/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-05

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : SW-R-1

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 11:28

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/23/08	1
Toluene	BDL	5.0	ug/l	8260B	07/23/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/23/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/23/08	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	07/23/08	1
Dibromofluoromethane	97.7		% Rec.	8260B	07/23/08	1
4-Bromofluorobenzene	106.		% Rec.	8260B	07/23/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/26/08	1
Surrogate Recovery						
Nitrobenzene-d5	65.8		% Rec.	8270C	07/26/08	1
2-Fluorobiphenyl	70.4		% Rec.	8270C	07/26/08	1
p-Terphenyl-d14	95.0		% Rec.	8270C	07/26/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-06

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : SW-R-2

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 11:38

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/23/08	1
Toluene	BDL	5.0	ug/l	8260B	07/23/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/23/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/23/08	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	07/23/08	1
Dibromofluoromethane	97.7		% Rec.	8260B	07/23/08	1
4-Bromofluorobenzene	100.		% Rec.	8260B	07/23/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/26/08	1
Surrogate Recovery						
Nitrobenzene-d5	33.0		% Rec.	8270C	07/26/08	1
2-Fluorobiphenyl	28.7		% Rec.	8270C	07/26/08	1
p-Terphenyl-d14	56.0		% Rec.	8270C	07/26/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-07

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : SW-R-3

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 11:53

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/23/08	1
Toluene	BDL	5.0	ug/l	8260B	07/23/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/23/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/23/08	1
Surrogate Recovery						
Toluene-d8	97.2		% Rec.	8260B	07/23/08	1
Dibromofluoromethane	101.		% Rec.	8260B	07/23/08	1
4-Bromofluorobenzene	117.		% Rec.	8260B	07/23/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	150	10.	ug/l	8270C	07/30/08	10
Surrogate Recovery						
Nitrobenzene-d5	50.9		% Rec.	8270C	07/30/08	10
2-Fluorobiphenyl	65.9		% Rec.	8270C	07/30/08	10
p-Terphenyl-d14	102.		% Rec.	8270C	07/30/08	10

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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L356130-07 (SV8270BN) - diluted for single target outside of calibration range

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REPORT OF ANALYSIS

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-08

Site ID : NJ

Project # : 6527.29

Date Received : July 22, 2008
Description : L. E. Carpenter

Sample ID : SW-R-4

Collected By : EV-SM
Collection Date : 07/21/08 12:08

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/23/08	1
Toluene	BDL	5.0	ug/l	8260B	07/23/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/23/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/23/08	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	07/23/08	1
Dibromofluoromethane	98.3		% Rec.	8260B	07/23/08	1
4-Bromofluorobenzene	104.		% Rec.	8260B	07/23/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/26/08	1
Surrogate Recovery						
Nitrobenzene-d5	59.5		% Rec.	8270C	07/26/08	1
2-Fluorobiphenyl	63.8		% Rec.	8270C	07/26/08	1
p-Terphenyl-d14	83.7		% Rec.	8270C	07/26/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-09

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : SW-R-6

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 12:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/23/08	1
Toluene	BDL	5.0	ug/l	8260B	07/23/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/23/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/23/08	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	07/23/08	1
Dibromofluoromethane	97.9		% Rec.	8260B	07/23/08	1
4-Bromofluorobenzene	103.		% Rec.	8260B	07/23/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/31/08	1
Surrogate Recovery						
Nitrobenzene-d5	61.1		% Rec.	8270C	07/31/08	1
2-Fluorobiphenyl	69.9		% Rec.	8270C	07/31/08	1
p-Terphenyl-d14	86.7		% Rec.	8270C	07/31/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-10

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : SW-R-5

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 13:07

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/23/08	1
Toluene	BDL	5.0	ug/l	8260B	07/23/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/23/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/23/08	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	07/23/08	1
Dibromofluoromethane	98.3		% Rec.	8260B	07/23/08	1
4-Bromofluorobenzene	105.		% Rec.	8260B	07/23/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/31/08	1
Surrogate Recovery						
Nitrobenzene-d5	61.4		% Rec.	8270C	07/31/08	1
2-Fluorobiphenyl	68.6		% Rec.	8270C	07/31/08	1
p-Terphenyl-d14	82.1		% Rec.	8270C	07/31/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-11

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : SW-D-4

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 12:26

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/23/08	1
Toluene	BDL	5.0	ug/l	8260B	07/23/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/23/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/23/08	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	07/23/08	1
Dibromofluoromethane	99.4		% Rec.	8260B	07/23/08	1
4-Bromofluorobenzene	100.		% Rec.	8260B	07/23/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	9.2	1.0	ug/l	8270C	07/31/08	1
Surrogate Recovery						
Nitrobenzene-d5	64.4		% Rec.	8270C	07/31/08	1
2-Fluorobiphenyl	69.6		% Rec.	8270C	07/31/08	1
p-Terphenyl-d14	80.5		% Rec.	8270C	07/31/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-12

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : SW-D-3

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 13:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/24/08	1
Toluene	BDL	5.0	ug/l	8260B	07/24/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/24/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/24/08	1
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	07/24/08	1
Dibromofluoromethane	110.		% Rec.	8260B	07/24/08	1
4-Bromofluorobenzene	111.		% Rec.	8260B	07/24/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/31/08	1
Surrogate Recovery						
Nitrobenzene-d5	63.2		% Rec.	8270C	07/31/08	1
2-Fluorobiphenyl	70.8		% Rec.	8270C	07/31/08	1
p-Terphenyl-d14	84.9		% Rec.	8270C	07/31/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-13

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : SW-D-2

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 13:39

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/24/08	1
Toluene	BDL	5.0	ug/l	8260B	07/24/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/24/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/24/08	1
Surrogate Recovery						
Toluene-d8	97.8		% Rec.	8260B	07/24/08	1
Dibromofluoromethane	93.1		% Rec.	8260B	07/24/08	1
4-Bromofluorobenzene	108.		% Rec.	8260B	07/24/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	7.1	1.0	ug/l	8270C	07/31/08	1
Surrogate Recovery						
Nitrobenzene-d5	63.7		% Rec.	8270C	07/31/08	1
2-Fluorobiphenyl	70.3		% Rec.	8270C	07/31/08	1
p-Terphenyl-d14	85.2		% Rec.	8270C	07/31/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-14

Site ID : NJ

Project # : 6527.29

Date Received : July 22, 2008
Description : L. E. Carpenter

Sample ID : SW-D-1

Collected By : EV-SM
Collection Date : 07/21/08 13:47

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/24/08	1
Toluene	BDL	5.0	ug/l	8260B	07/24/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/24/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/24/08	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	07/24/08	1
Dibromofluoromethane	97.4		% Rec.	8260B	07/24/08	1
4-Bromofluorobenzene	111.		% Rec.	8260B	07/24/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.3	ug/l	8270C	07/31/08	1.33
Surrogate Recovery						
Nitrobenzene-d5	70.2		% Rec.	8270C	07/31/08	1.33
2-Fluorobiphenyl	77.5		% Rec.	8270C	07/31/08	1.33
p-Terphenyl-d14	88.5		% Rec.	8270C	07/31/08	1.33

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-15

Site ID : NJ

Project # : 6527.29

Date Received : July 22, 2008
Description : L. E. Carpenter

Sample ID : RB-01

Collected By : EV-SM
Collection Date : 07/21/08 14:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/24/08	1
Toluene	BDL	5.0	ug/l	8260B	07/24/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/24/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/24/08	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/24/08	1
Dibromofluoromethane	92.6		% Rec.	8260B	07/24/08	1
4-Bromofluorobenzene	111.		% Rec.	8260B	07/24/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/31/08	1
Surrogate Recovery						
Nitrobenzene-d5	60.4		% Rec.	8270C	07/31/08	1
2-Fluorobiphenyl	64.5		% Rec.	8270C	07/31/08	1
p-Terphenyl-d14	77.8		% Rec.	8270C	07/31/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-16

Site ID : NJ

Project # : 6527.29

Date Received : July 23, 2008
Description : L. E. Carpenter

Sample ID : TB-02

Collected By : EV-SM
Collection Date : 07/22/08 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/26/08	1
Toluene	BDL	5.0	ug/l	8260B	07/26/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/26/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/26/08	1
Surrogate Recovery						
Toluene-d8	99.4		% Rec.	8260B	07/26/08	1
Dibromofluoromethane	113.		% Rec.	8260B	07/26/08	1
4-Bromofluorobenzene	107.		% Rec.	8260B	07/26/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-17

Date Received : July 23, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : DUP-02

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/22/08 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	6.0	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	120	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	13000	5000	ug/l	9056	07/23/08	1
Methane	1900	40.	ug/l	3810/RSK17	07/23/08	4
Ammonia Nitrogen	140	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/28/08	1
Dissolved Solids	640000	10000	ug/l	2540C	07/26/08	1
Suspended Solids	4300	1000	ug/l	2540D	07/24/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/26/08	1
Benzene	8.1	1.0	ug/l	8260B	07/26/08	1
Toluene	830	50.	ug/l	8260B	07/29/08	10
Ethylbenzene	31.	1.0	ug/l	8260B	07/26/08	1
Total Xylenes	160	3.0	ug/l	8260B	07/26/08	1
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	07/26/08	1
Dibromofluoromethane	117.		% Rec.	8260B	07/26/08	1
4-Bromofluorobenzene	112.		% Rec.	8260B	07/26/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/31/08	1
Surrogate Recovery						
Nitrobenzene-d5	66.2		% Rec.	8270C	07/31/08	1
2-Fluorobiphenyl	72.9		% Rec.	8270C	07/31/08	1
p-Terphenyl-d14	91.8		% Rec.	8270C	07/31/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-18

Date Received : July 23, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-19-4

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/22/08 09:19

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	45.	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	730	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	33000	5000	ug/l	9056	07/23/08	1
Methane	BDL	10.	ug/l	3810/RSK17	07/23/08	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/28/08	1
Dissolved Solids	660000	10000	ug/l	2540C	07/26/08	1
Suspended Solids	1000	1000	ug/l	2540D	07/25/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/26/08	1
Benzene	BDL	1.0	ug/l	8260B	07/24/08	1
Toluene	BDL	5.0	ug/l	8260B	07/24/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/24/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/24/08	1
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	07/24/08	1
Dibromofluoromethane	98.9		% Rec.	8260B	07/24/08	1
4-Bromofluorobenzene	102.		% Rec.	8260B	07/24/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	37.8		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	45.2		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	67.9		% Rec.	8270C	08/01/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-19

Date Received : July 23, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-19-12

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/22/08 10:15

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	2.0	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	720	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	8100	5000	ug/l	9056	07/23/08	1
Methane	BDL	10.	ug/l	3810/RSK17	07/23/08	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/28/08	1
Dissolved Solids	220000	10000	ug/l	2540C	07/26/08	1
Suspended Solids	1700	1000	ug/l	2540D	07/25/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/26/08	1
Benzene	BDL	1.0	ug/l	8260B	07/28/08	1
Toluene	BDL	5.0	ug/l	8260B	07/28/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/28/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/28/08	1
Surrogate Recovery						
Toluene-d8	98.7		% Rec.	8260B	07/28/08	1
Dibromofluoromethane	91.0		% Rec.	8260B	07/28/08	1
4-Bromofluorobenzene	104.		% Rec.	8260B	07/28/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	56.6		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	71.2		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	98.5		% Rec.	8270C	08/01/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-20

Site ID : NJ

Project # : 6527.29

Date Received : July 23, 2008
Description : L. E. Carpenter

Sample ID : MW-25 - R

Collected By : EV-SM
Collection Date : 07/22/08 09:26

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	BDL	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	BDL	5000	ug/l	9056	07/23/08	1
Methane	12.	10.	ug/l	3810/RSK17	07/23/08	1
Ammonia Nitrogen	140	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/28/08	1
Dissolved Solids	380000	10000	ug/l	2540C	07/26/08	1
Suspended Solids	68000	1000	ug/l	2540D	07/25/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	1.0	ug/l	8260B	07/28/08	1
Toluene	BDL	5.0	ug/l	8260B	07/28/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/28/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/28/08	1
Surrogate Recovery						
Toluene-d8	99.6		% Rec.	8260B	07/28/08	1
Dibromofluoromethane	92.5		% Rec.	8260B	07/28/08	1
4-Bromofluorobenzene	105.		% Rec.	8260B	07/28/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	59.8		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	70.6		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	91.6		% Rec.	8270C	08/01/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-21

Date Received : July 23, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-30D

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/22/08 10:58

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	BDL	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	9200	5000	ug/l	9056	07/23/08	1
Methane	16.	10.	ug/l	3810/RSK17	07/23/08	1
Ammonia Nitrogen	310	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	130	100	ug/l	365.1	07/28/08	1
Dissolved Solids	280000	10000	ug/l	2540C	07/26/08	1
Suspended Solids	9200	1000	ug/l	2540D	07/25/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	1.0	ug/l	8260B	07/26/08	1
Toluene	BDL	5.0	ug/l	8260B	07/26/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/26/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/26/08	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/26/08	1
Dibromofluoromethane	119.		% Rec.	8260B	07/26/08	1
4-Bromofluorobenzene	106.		% Rec.	8260B	07/26/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	39.9		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	53.6		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	82.0		% Rec.	8270C	08/01/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-22

Date Received : July 23, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : GEI-2S

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/22/08 11:31

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	4.0	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	BDL	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	13000	5000	ug/l	9056	07/23/08	1
Methane	1800	40.	ug/l	3810/RSK17	07/23/08	4
Ammonia Nitrogen	110	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/28/08	1
Dissolved Solids	610000	10000	ug/l	2540C	07/26/08	1
Suspended Solids	4000	1000	ug/l	2540D	07/25/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	8.7	1.0	ug/l	8260B	07/26/08	1
Toluene	1000	50.	ug/l	8260B	07/29/08	10
Ethylbenzene	34.	1.0	ug/l	8260B	07/26/08	1
Total Xylenes	170	3.0	ug/l	8260B	07/26/08	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	07/26/08	1
Dibromofluoromethane	117.		% Rec.	8260B	07/26/08	1
4-Bromofluorobenzene	109.		% Rec.	8260B	07/26/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	35.1		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	44.6		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	57.0		% Rec.	8270C	08/01/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-23

Site ID : NJ

Project # : 6527.29

Date Received : July 23, 2008
Description : L. E. Carpenter

Sample ID : MW-30I

Collected By : EV-SM
Collection Date : 07/22/08 11:48

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	BDL	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	BDL	5000	ug/l	9056	07/23/08	1
Methane	790	40.	ug/l	3810/RSK17	07/23/08	4
Ammonia Nitrogen	1300	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	380	100	ug/l	365.1	07/28/08	1
Dissolved Solids	390000	10000	ug/l	2540C	07/26/08	1
Suspended Solids	31000	1000	ug/l	2540D	07/25/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	1.0	ug/l	8260B	07/24/08	1
Toluene	BDL	5.0	ug/l	8260B	07/24/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/24/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/24/08	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	07/24/08	1
Dibromofluoromethane	98.3		% Rec.	8260B	07/24/08	1
4-Bromofluorobenzene	101.		% Rec.	8260B	07/24/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	56.6		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	68.3		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	89.5		% Rec.	8270C	08/01/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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L356130-23 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-24

Date Received : July 23, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : ATM-01

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/22/08 12:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	BDL	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	BDL	5000	ug/l	9056	07/23/08	1
Methane	BDL	10.	ug/l	3810/RSK17	07/23/08	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/28/08	1
Dissolved Solids	BDL	10000	ug/l	2540C	07/26/08	1
Suspended Solids	BDL	1000	ug/l	2540D	07/25/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	1.0	ug/l	8260B	07/28/08	1
Toluene	BDL	5.0	ug/l	8260B	07/28/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/28/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/28/08	1
Surrogate Recovery						
Toluene-d8	97.9		% Rec.	8260B	07/28/08	1
Dibromofluoromethane	91.7		% Rec.	8260B	07/28/08	1
4-Bromofluorobenzene	102.		% Rec.	8260B	07/28/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	50.5		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	66.8		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	92.9		% Rec.	8270C	08/01/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-25

Site ID : NJ

Project # : 6527.29

Date Received : July 23, 2008
Description : L. E. Carpenter

Sample ID : MW-19-6

Collected By : EV-SM
Collection Date : 07/22/08 14:07

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	140	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	1300	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	34000	5000	ug/l	9056	07/23/08	1
Methane	140	10.	ug/l	3810/RSK17	07/23/08	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/28/08	1
Dissolved Solids	1400000	10000	ug/l	2540C	07/28/08	1
Suspended Solids	6200	1000	ug/l	2540D	07/26/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	1.0	ug/l	8260B	07/28/08	1
Toluene	BDL	5.0	ug/l	8260B	07/28/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/28/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/28/08	1
Surrogate Recovery						
Toluene-d8	99.0		% Rec.	8260B	07/28/08	1
Dibromofluoromethane	94.3		% Rec.	8260B	07/28/08	1
4-Bromofluorobenzene	102.		% Rec.	8260B	07/28/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	63.5		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	71.2		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	94.7		% Rec.	8270C	08/01/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-26

Site ID : NJ

Project # : 6527.29

Date Received : July 23, 2008
Description : L. E. Carpenter

Sample ID : MW-30S

Collected By : EV-SM
Collection Date : 07/22/08 14:07

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	BDL	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	BDL	5000	ug/l	9056	07/23/08	1
Methane	1800	40.	ug/l	3810/RSK17	07/23/08	4
Ammonia Nitrogen	2600	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	290	100	ug/l	365.1	07/28/08	1
Dissolved Solids	390000	10000	ug/l	2540C	07/28/08	1
Suspended Solids	36000	1000	ug/l	2540D	07/26/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	1.0	ug/l	8260B	07/26/08	1
Toluene	BDL	5.0	ug/l	8260B	07/26/08	1
Ethylbenzene	14.	1.0	ug/l	8260B	07/26/08	1
Total Xylenes	86.	3.0	ug/l	8260B	07/26/08	1
Surrogate Recovery						
Toluene-d8	98.8		% Rec.	8260B	07/26/08	1
Dibromofluoromethane	119.		% Rec.	8260B	07/26/08	1
4-Bromofluorobenzene	120.		% Rec.	8260B	07/26/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	80.	10.	ug/l	8270C	08/01/08	10
Surrogate Recovery						
Nitrobenzene-d5	5.68		% Rec.	8270C	08/01/08	10
2-Fluorobiphenyl	6.75		% Rec.	8270C	08/01/08	10
p-Terphenyl-d14	92.9		% Rec.	8270C	08/01/08	10

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-27

Date Received : July 23, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-19-7

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/22/08 15:15

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	340	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	BDL	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	BDL	5000	ug/l	9056	07/23/08	1
Methane	400	10.	ug/l	3810/RSK17	07/23/08	1
Ammonia Nitrogen	110	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	110	100	ug/l	365.1	07/28/08	1
Dissolved Solids	560000	10000	ug/l	2540C	07/28/08	1
Suspended Solids	15000	1000	ug/l	2540D	07/28/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	1.0	ug/l	8260B	07/26/08	1
Toluene	BDL	5.0	ug/l	8260B	07/26/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/26/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/26/08	1
Surrogate Recovery						
Toluene-d8	99.7		% Rec.	8260B	07/26/08	1
Dibromofluoromethane	120.		% Rec.	8260B	07/26/08	1
4-Bromofluorobenzene	109.		% Rec.	8260B	07/26/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	57.6		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	74.6		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	99.5		% Rec.	8270C	08/01/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-28

Site ID : NJ

Project # : 6527.29

Date Received : July 23, 2008
Description : L. E. Carpenter

Sample ID : MW-29S

Collected By : EV-SM
Collection Date : 07/22/08 15:39

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	130	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	BDL	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	BDL	5000	ug/l	9056	07/23/08	1
Methane	1700	40.	ug/l	3810/RSK17	07/23/08	4
Ammonia Nitrogen	7700	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	410	100	ug/l	365.1	07/28/08	1
Dissolved Solids	460000	10000	ug/l	2540C	07/28/08	1
Suspended Solids	20000	1000	ug/l	2540D	07/28/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	1.0	ug/l	8260B	07/26/08	1
Toluene	BDL	5.0	ug/l	8260B	07/26/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/26/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/26/08	1
Surrogate Recovery						
Toluene-d8	99.2		% Rec.	8260B	07/26/08	1
Dibromofluoromethane	116.		% Rec.	8260B	07/26/08	1
4-Bromofluorobenzene	107.		% Rec.	8260B	07/26/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	54.5		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	72.8		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	95.4		% Rec.	8270C	08/01/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L356130-28 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-29

Date Received : July 23, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-19-5

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/22/08 16:59

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	100	2.0	CFU/ml	9215B	07/23/08	1
Nitrate	BDL	100	ug/l	9056	07/23/08	1
Nitrite	BDL	100	ug/l	9056	07/23/08	1
Sulfate	BDL	5000	ug/l	9056	07/23/08	1
Methane	1500	40.	ug/l	3810/RSK17	07/23/08	4
Ammonia Nitrogen	300	100	ug/l	350.1	07/28/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/28/08	1
Dissolved Solids	560000	10000	ug/l	2540C	07/28/08	1
Suspended Solids	16000	1000	ug/l	2540D	07/28/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	100	ug/l	8260B	07/26/08	100
Toluene	95000	5000	ug/l	8260B	07/29/08	1000
Ethylbenzene	2300	100	ug/l	8260B	07/26/08	100
Total Xylenes	12000	300	ug/l	8260B	07/26/08	100
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/26/08	100
Dibromofluoromethane	117.		% Rec.	8260B	07/26/08	100
4-Bromofluorobenzene	110.		% Rec.	8260B	07/26/08	100
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	67.1		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	82.4		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	92.3		% Rec.	8270C	08/01/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-30

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : DUP-03

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	740	2.0	CFU/ml	9215B	07/25/08	1
Nitrate	BDL	100	ug/l	9056	07/24/08	1
Nitrite	BDL	100	ug/l	9056	07/24/08	1
Sulfate	BDL	5000	ug/l	9056	07/24/08	1
Methane	850	40.	ug/l	3810/RSK17	07/25/08	4
Ammonia Nitrogen	140	100	ug/l	350.1	07/30/08	1
Phosphorus,Total	420	100	ug/l	365.1	07/30/08	1
Dissolved Solids	320000	10000	ug/l	2540C	07/30/08	1
Suspended Solids	43000	1000	ug/l	2540D	07/28/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	1.0	ug/l	8260B	07/25/08	1
Toluene	BDL	5.0	ug/l	8260B	07/25/08	1
Ethylbenzene	41.	1.0	ug/l	8260B	07/25/08	1
Total Xylenes	100	3.0	ug/l	8260B	07/25/08	1
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/25/08	1
Dibromofluoromethane	99.5		% Rec.	8260B	07/25/08	1
4-Bromofluorobenzene	106.		% Rec.	8260B	07/25/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	290	10.	ug/l	8270C	08/01/08	10
Surrogate Recovery						
Nitrobenzene-d5	6.14		% Rec.	8270C	08/01/08	10
2-Fluorobiphenyl	7.55		% Rec.	8270C	08/01/08	10
p-Terphenyl-d14	97.7		% Rec.	8270C	08/01/08	10

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-31

Site ID : NJ

Project # : 6527.29

Date Received : July 24, 2008
Description : L. E. Carpenter

Sample ID : MW-28S

Collected By : EV-SM
Collection Date : 07/23/08 08:24

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/25/08	1
Nitrate	BDL	100	ug/l	9056	07/24/08	1
Nitrite	BDL	100	ug/l	9056	07/24/08	1
Sulfate	BDL	5000	ug/l	9056	07/24/08	1
Methane	860	40.	ug/l	3810/RSK17	07/25/08	4
Ammonia Nitrogen	170	100	ug/l	350.1	07/30/08	1
Phosphorus,Total	400	100	ug/l	365.1	07/30/08	1
Dissolved Solids	340000	10000	ug/l	2540C	07/30/08	1
Suspended Solids	52000	1000	ug/l	2540D	07/28/08	1
Lead,Dissolved	5.6	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	1.0	ug/l	8260B	07/25/08	1
Toluene	BDL	5.0	ug/l	8260B	07/25/08	1
Ethylbenzene	37.	1.0	ug/l	8260B	07/25/08	1
Total Xylenes	93.	3.0	ug/l	8260B	07/25/08	1
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	07/25/08	1
Dibromofluoromethane	97.4		% Rec.	8260B	07/25/08	1
4-Bromofluorobenzene	105.		% Rec.	8260B	07/25/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	420	20.	ug/l	8270C	07/30/08	20
Surrogate Recovery						
Nitrobenzene-d5	0.00		% Rec.	8270C	07/30/08	20
2-Fluorobiphenyl	0.00		% Rec.	8270C	07/30/08	20
p-Terphenyl-d14	0.00		% Rec.	8270C	07/30/08	20

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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L356130-31 (SV8270BN) - Dilution due to matrix
L356130-31 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-32

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-28I

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 08:43

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	51.	2.0	CFU/ml	9215B	07/25/08	1
Nitrate	BDL	100	ug/l	9056	07/24/08	1
Nitrite	BDL	100	ug/l	9056	07/24/08	1
Sulfate	BDL	5000	ug/l	9056	07/24/08	1
Methane	410	10.	ug/l	3810/RSK17	07/25/08	1
Ammonia Nitrogen	250	100	ug/l	350.1	07/30/08	1
Phosphorus,Total	280	100	ug/l	365.1	07/30/08	1
Dissolved Solids	310000	10000	ug/l	2540C	07/30/08	1
Suspended Solids	29000	1000	ug/l	2540D	07/28/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	1.0	ug/l	8260B	07/25/08	1
Toluene	BDL	5.0	ug/l	8260B	07/25/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/25/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/25/08	1
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	07/25/08	1
Dibromofluoromethane	101.		% Rec.	8260B	07/25/08	1
4-Bromofluorobenzene	105.		% Rec.	8260B	07/25/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	49.	1.0	ug/l	8270C	07/29/08	1
Surrogate Recovery						
Nitrobenzene-d5	52.1		% Rec.	8270C	07/29/08	1
2-Fluorobiphenyl	66.0		% Rec.	8270C	07/29/08	1
p-Terphenyl-d14	84.9		% Rec.	8270C	07/29/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-34

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-19

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 10:15

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	740	2.0	CFU/ml	9215B	07/25/08	1
Nitrate	BDL	100	ug/l	9056	07/24/08	1
Nitrite	BDL	100	ug/l	9056	07/24/08	1
Sulfate	BDL	5000	ug/l	9056	07/24/08	1
Methane	510	10.	ug/l	3810/RSK17	07/25/08	1
Ammonia Nitrogen	570	100	ug/l	350.1	07/30/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/30/08	1
Dissolved Solids	820000	10000	ug/l	2540C	07/30/08	1
Suspended Solids	6200	1000	ug/l	2540D	07/28/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	10.	ug/l	8260B	07/25/08	10
Toluene	35000	2500	ug/l	8260B	07/27/08	500
Ethylbenzene	1000	200	ug/l	8260B	07/26/08	200
Total Xylenes	5400	600	ug/l	8260B	07/26/08	200
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/25/08	10
Dibromofluoromethane	95.3		% Rec.	8260B	07/25/08	10
4-Bromofluorobenzene	102.		% Rec.	8260B	07/25/08	10
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/29/08	1
Surrogate Recovery						
Nitrobenzene-d5	52.7		% Rec.	8270C	07/29/08	1
2-Fluorobiphenyl	66.9		% Rec.	8270C	07/29/08	1
p-Terphenyl-d14	79.9		% Rec.	8270C	07/29/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-35

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-27S

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 09:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	560	2.0	CFU/ml	9215B	07/25/08	1
Nitrate	BDL	100	ug/l	9056	07/24/08	1
Nitrite	BDL	100	ug/l	9056	07/24/08	1
Sulfate	61000	5000	ug/l	9056	07/24/08	1
Methane	11.	10.	ug/l	3810/RSK17	07/25/08	1
Ammonia Nitrogen	140	100	ug/l	350.1	07/30/08	1
Phosphorus,Total	17000	500	ug/l	365.1	07/30/08	5
Dissolved Solids	620000	10000	ug/l	2540C	07/30/08	1
Suspended Solids	1400000	1000	ug/l	2540D	07/28/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/29/08	1
Benzene	BDL	1.0	ug/l	8260B	07/25/08	1
Toluene	BDL	5.0	ug/l	8260B	07/25/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/25/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/25/08	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	07/25/08	1
Dibromofluoromethane	100.		% Rec.	8260B	07/25/08	1
4-Bromofluorobenzene	99.9		% Rec.	8260B	07/25/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/29/08	1
Surrogate Recovery						
Nitrobenzene-d5	50.1		% Rec.	8270C	07/29/08	1
2-Fluorobiphenyl	63.8		% Rec.	8270C	07/29/08	1
p-Terphenyl-d14	84.4		% Rec.	8270C	07/29/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-36

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-33S

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 11:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/25/08	1
Nitrate	BDL	100	ug/l	9056	07/24/08	1
Nitrite	BDL	100	ug/l	9056	07/24/08	1
Sulfate	10000	5000	ug/l	9056	07/24/08	1
Methane	2000	100	ug/l	3810/RSK17	07/25/08	10
Ammonia Nitrogen	7000	100	ug/l	350.1	07/30/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/30/08	1
Dissolved Solids	380000	10000	ug/l	2540C	07/30/08	1
Suspended Solids	250000	1000	ug/l	2540D	07/29/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/30/08	1
Benzene	1.8	1.0	ug/l	8260B	07/25/08	1
Toluene	BDL	5.0	ug/l	8260B	07/25/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/25/08	1
Total Xylenes	3.3	3.0	ug/l	8260B	07/25/08	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/25/08	1
Dibromofluoromethane	107.		% Rec.	8260B	07/25/08	1
4-Bromofluorobenzene	113.		% Rec.	8260B	07/25/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	21.	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	43.9		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	58.8		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	94.6		% Rec.	8270C	08/01/08	1

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

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-37

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-31S

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 11:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/25/08	1
Nitrate	BDL	100	ug/l	9056	07/24/08	1
Nitrite	BDL	100	ug/l	9056	07/24/08	1
Sulfate	72000	5000	ug/l	9056	07/24/08	1
Methane	2100	100	ug/l	3810/RSK17	07/25/08	10
Ammonia Nitrogen	22000	1000	ug/l	350.1	07/31/08	10
Phosphorus,Total	710	100	ug/l	365.1	07/30/08	1
Dissolved Solids	1900000	10000	ug/l	2540C	07/30/08	1
Suspended Solids	320000	1000	ug/l	2540D	07/29/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/30/08	1
Benzene	BDL	20.	ug/l	8260B	07/25/08	20
Toluene	BDL	100	ug/l	8260B	07/25/08	20
Ethylbenzene	9000	250	ug/l	8260B	07/26/08	250
Total Xylenes	49000	750	ug/l	8260B	07/26/08	250
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	07/25/08	20
Dibromofluoromethane	97.1		% Rec.	8260B	07/25/08	20
4-Bromofluorobenzene	117.		% Rec.	8260B	07/25/08	20
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	16000	500	ug/l	8270C	08/01/08	500
Surrogate Recovery						
Nitrobenzene-d5	0.00		% Rec.	8270C	08/01/08	500
2-Fluorobiphenyl	0.00		% Rec.	8270C	08/01/08	500
p-Terphenyl-d14	0.00		% Rec.	8270C	08/01/08	500

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-38

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-32S

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 13:40

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	410	2.0	CFU/ml	9215B	07/25/08	1
Methane	2900	100	ug/l	3810/RSK17	07/25/08	10
Benzene	BDL	50.	ug/l	8260B	07/25/08	50
Toluene	BDL	250	ug/l	8260B	07/25/08	50
Ethylbenzene	8600	250	ug/l	8260B	07/26/08	250
Total Xylenes	43000	750	ug/l	8260B	07/26/08	250
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	07/25/08	50
Dibromofluoromethane	98.4		% Rec.	8260B	07/25/08	50
4-Bromofluorobenzene	108.		% Rec.	8260B	07/25/08	50
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	7900	200	ug/l	8270C	08/05/08	200
Surrogate Recovery						
Nitrobenzene-d5	0.00		% Rec.	8270C	08/05/08	200
2-Fluorobiphenyl	0.00		% Rec.	8270C	08/05/08	200
p-Terphenyl-d14	0.00		% Rec.	8270C	08/05/08	200

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-39

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-34S

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 14:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/25/08	1
Methane	2800	100	ug/l	3810/RSK17	07/25/08	10
Benzene	BDL	20.	ug/l	8260B	07/25/08	20
Toluene	BDL	100	ug/l	8260B	07/25/08	20
Ethylbenzene	470	20.	ug/l	8260B	07/25/08	20
Total Xylenes	2300	60.	ug/l	8260B	07/25/08	20
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	07/25/08	20
Dibromofluoromethane	98.7		% Rec.	8260B	07/25/08	20
4-Bromofluorobenzene	103.		% Rec.	8260B	07/25/08	20
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	1.6	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	54.1		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	67.3		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	93.6		% Rec.	8270C	08/01/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-40

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-35S

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 15:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/25/08	1
Nitrate	BDL	100	ug/l	9056	07/24/08	1
Nitrite	BDL	100	ug/l	9056	07/24/08	1
Sulfate	BDL	5000	ug/l	9056	07/24/08	1
Methane	3600	100	ug/l	3810/RSK17	07/25/08	10
Ammonia Nitrogen	1300	100	ug/l	350.1	07/30/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/30/08	1
Dissolved Solids	520000	10000	ug/l	2540C	07/30/08	1
Suspended Solids	85000	1000	ug/l	2540D	07/29/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/30/08	1
Benzene	16.	10.	ug/l	8260B	07/25/08	10
Toluene	260	50.	ug/l	8260B	07/25/08	10
Ethylbenzene	12000	250	ug/l	8260B	07/26/08	250
Total Xylenes	67000	750	ug/l	8260B	07/26/08	250
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	07/25/08	10
Dibromofluoromethane	97.6		% Rec.	8260B	07/25/08	10
4-Bromofluorobenzene	117.		% Rec.	8260B	07/25/08	10
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	530	20.	ug/l	8270C	08/01/08	20
Surrogate Recovery						
Nitrobenzene-d5	0.00		% Rec.	8270C	08/01/08	20
2-Fluorobiphenyl	0.00		% Rec.	8270C	08/01/08	20
p-Terphenyl-d14	0.00		% Rec.	8270C	08/01/08	20

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-41

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : TB-03

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/25/08	1
Toluene	BDL	5.0	ug/l	8260B	07/25/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/25/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/25/08	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	07/25/08	1
Dibromofluoromethane	101.		% Rec.	8260B	07/25/08	1
4-Bromofluorobenzene	102.		% Rec.	8260B	07/25/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-42

Date Received : July 25, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : TB-04

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/24/08 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	07/28/08	1
Toluene	BDL	5.0	ug/l	8260B	07/28/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/28/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/28/08	1
Surrogate Recovery						
Toluene-d8	109.		% Rec.	8260B	07/28/08	1
Dibromofluoromethane	115.		% Rec.	8260B	07/28/08	1
4-Bromofluorobenzene	107.		% Rec.	8260B	07/28/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-43

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-8

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 10:23

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/25/08	1
Nitrate	BDL	100	ug/l	9056	07/25/08	1
Nitrite	BDL	100	ug/l	9056	07/25/08	1
Sulfate	BDL	5000	ug/l	9056	07/25/08	1
Methane	3000	100	ug/l	3810/RSK17	07/29/08	10
Ammonia Nitrogen	680	100	ug/l	350.1	07/30/08	1
Phosphorus,Total	400	100	ug/l	365.1	07/30/08	1
Dissolved Solids	300000	10000	ug/l	2540C	07/30/08	1
Suspended Solids	66000	1000	ug/l	2540D	07/28/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/30/08	1
Benzene	BDL	1.0	ug/l	8260B	07/28/08	1
Toluene	BDL	5.0	ug/l	8260B	07/28/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/28/08	1
Total Xylenes	15.	3.0	ug/l	8260B	07/28/08	1
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	07/28/08	1
Dibromofluoromethane	117.		% Rec.	8260B	07/28/08	1
4-Bromofluorobenzene	107.		% Rec.	8260B	07/28/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/29/08	1
Surrogate Recovery						
Nitrobenzene-d5	61.8		% Rec.	8270C	07/29/08	1
2-Fluorobiphenyl	71.8		% Rec.	8270C	07/29/08	1
p-Terphenyl-d14	87.1		% Rec.	8270C	07/29/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 08/11/08 08:38 Printed: 08/11/08 08:40
L356130-43 (SPC) - subcontracted to Environmental Health Labs

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12065 Lebanon Rd.
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REPORT OF ANALYSIS

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-44

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : RB-02

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 11:10

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/25/08	1
Nitrate	BDL	100	ug/l	9056	07/25/08	1
Nitrite	BDL	100	ug/l	9056	07/25/08	1
Sulfate	BDL	5000	ug/l	9056	07/25/08	1
Methane	BDL	10.	ug/l	3810/RSK17	07/29/08	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	07/30/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/30/08	1
Dissolved Solids	BDL	10000	ug/l	2540C	07/30/08	1
Suspended Solids	BDL	1000	ug/l	2540D	07/29/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/30/08	1
Benzene	BDL	1.0	ug/l	8260B	07/28/08	1
Toluene	BDL	5.0	ug/l	8260B	07/28/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/28/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/28/08	1
Surrogate Recovery						
Toluene-d8	99.5		% Rec.	8260B	07/28/08	1
Dibromofluoromethane	92.8		% Rec.	8260B	07/28/08	1
4-Bromofluorobenzene	105.		% Rec.	8260B	07/28/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	61.1		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	69.3		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	108.		% Rec.	8270C	08/01/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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L356130-44 (SPC) - subcontracted to Environmental Health Labs

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REPORT OF ANALYSIS

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-45

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : RB-03

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 13:20

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Standard Plate Count	BDL	2.0	CFU/ml	9215B	07/25/08	1
Nitrate	BDL	100	ug/l	9056	07/25/08	1
Nitrite	BDL	100	ug/l	9056	07/25/08	1
Sulfate	BDL	5000	ug/l	9056	07/25/08	1
Methane	BDL	10.	ug/l	3810/RSK17	07/29/08	1
Ammonia Nitrogen	BDL	100	ug/l	350.1	07/30/08	1
Phosphorus,Total	BDL	100	ug/l	365.1	07/30/08	1
Dissolved Solids	BDL	10000	ug/l	2540C	07/30/08	1
Suspended Solids	BDL	1000	ug/l	2540D	07/29/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/30/08	1
Benzene	BDL	1.0	ug/l	8260B	07/28/08	1
Toluene	BDL	5.0	ug/l	8260B	07/28/08	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/28/08	1
Total Xylenes	BDL	3.0	ug/l	8260B	07/28/08	1
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	07/28/08	1
Dibromofluoromethane	117.		% Rec.	8260B	07/28/08	1
4-Bromofluorobenzene	105.		% Rec.	8260B	07/28/08	1
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	08/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	33.3		% Rec.	8270C	08/01/08	1
2-Fluorobiphenyl	51.3		% Rec.	8270C	08/01/08	1
p-Terphenyl-d14	89.5		% Rec.	8270C	08/01/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

August 11,2008

ESC Sample # : L356130-46

Site ID : NJ

Project # : 6527.29

Date Received : July 24, 2008
Description : L. E. Carpenter

Sample ID : MW-32S

Collected By : EV-SM
Collection Date : 07/23/08 07:57

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Nitrate	BDL	100	ug/l	9056	07/25/08	1
Nitrite	BDL	100	ug/l	9056	07/25/08	1
Ammonia Nitrogen	1600	100	ug/l	350.1	07/31/08	1
Phosphorus,Total	2600	100	ug/l	365.1	07/31/08	1
Dissolved Solids	650000	10000	ug/l	2540C	07/30/08	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	07/30/08	1

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

August 11,2008

Mr. Eric Vincke
RMT, Inc - Grand Rapids, MI
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

ESC Sample # : L356130-47

Date Received : July 24, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : MW-34S

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/23/08 07:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ammonia Nitrogen	BDL	100	ug/l	350.1	07/30/08	1
Phosphorus,Total	340	100	ug/l	365.1	07/31/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 08/11/08 08:38 Printed: 08/11/08 08:40

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L356130-07	Bis(2-ethylhexyl)phthalate	VJ3
L356130-17	Ethylbenzene	J3
	Total Xylenes	J3
L356130-21	Suspended Solids	J3
L356130-22	Suspended Solids	T4
L356130-26	Nitrobenzene-d5	J2
	2-Fluorobiphenyl	J2
L356130-28	Suspended Solids	J3
L356130-30	Nitrobenzene-d5	J2
	2-Fluorobiphenyl	J2
	Ammonia Nitrogen	P1
L356130-31	Nitrobenzene-d5	J7
	2-Fluorobiphenyl	J7
	p-Terphenyl-d14	J7
	Suspended Solids	J3
L356130-37	Nitrobenzene-d5	J7
	2-Fluorobiphenyl	J7
	p-Terphenyl-d14	J7
L356130-38	Nitrobenzene-d5	J7
	2-Fluorobiphenyl	J7
	p-Terphenyl-d14	J7
L356130-40	Nitrobenzene-d5	J7
	2-Fluorobiphenyl	J7
	p-Terphenyl-d14	J7
L356130-43	Nitrate	T8
	Nitrite	T8
L356130-44	Nitrate	T8
	Nitrite	T8
L356130-46	Nitrate	T8
	Nitrite	T8

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J3	The associated batch QC was outside the established quality control range for precision.
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
T4	(ESC) - Additional method/sample information: QNS - Quantity Not Sufficient
T8	(ESC) - Additional method/sample information: Sample(s) received past/too close to holding time expiration.
V	(ESC) - Additional QC Info: The sample concentration is too high to evaluate accurate spike recoveries.

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.

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
08/11/08 at 08:40:18

TSR Signing Reports: 044
R5 - Desired TAT

5035 Only! No E's

Sample: L356130-01 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-02 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-03 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-04 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-05 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-06 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-07 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-08 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-09 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-10 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-11 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-12 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-13 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-14 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-15 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-16 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-17 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-18 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-19 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-20 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-21 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-22 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-23 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-24 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-25 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-26 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-27 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-28 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-29 Account: RMTGRMI Received: 07/23/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10739
Sample: L356130-30 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10762
Sample: L356130-31 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10762
Sample: L356130-32 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10762
Sample: L356130-34 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10762
Sample: L356130-35 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD. Diss. Metals have been field;Subbed directly to Envhealt jlc 7/25/08
PO#S10762
Sample: L356130-36 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10762
Sample: L356130-37 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10762
Sample: L356130-38 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10762
Sample: L356130-39 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10762
Sample: L356130-40 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD;Subbed directly to Envhealt jlc 7/25/08 PO#S10762
Sample: L356130-41 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD
Sample: L356130-42 Account: RMTGRMI Received: 07/25/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38

NJ Red HAZSITE EDD
Sample: L356130-43 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD. Diss. Metals have been field filtered. jg-7/25;Subbed directly to
Envhealt jlc 7/25/08 PO#S10762
Sample: L356130-44 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD. Filter Metals in lab. Diss. Metals have NOT been field filtered. jg-
7/25;Subbed directly to Envhealt jlc 7/25/08 PO#S10762
Sample: L356130-45 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD. Filter Metals in lab. Diss. Metals have NOT been field filtered. jg-
7/25;Subbed directly to Envhealt jlc 7/25/08 PO#S10762
Sample: L356130-46 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD. Diss. Metals have been field filtered. jg-7/25
Sample: L356130-47 Account: RMTGRMI Received: 07/24/08 09:00 Due Date: 08/11/08 00:00 RPT Date: 08/11/08 08:38
NJ Red HAZSITE EDD

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Tax I.D. 62-0814289

Est. 1970

RMT, Inc - Grand Rapids, MI
Mr. Eric Vincke
2025 East Beltline Ave. SE Ste 402
Grand Rapids, MI 49546

Quality Assurance Report -
Level II

L356130

August 11, 2008

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Benzene	< .001	mg/l	07/23/08 05:58	WG373469
Ethylbenzene	< .001	mg/l	07/23/08 05:58	WG373469
Toluene	< .005	mg/l	07/23/08 05:58	WG373469
Total Xylenes	< .003	mg/l	07/23/08 05:58	WG373469
Bis(2-ethylhexyl)phthalate	< .01	ppm	07/25/08 18:10	WG373585
Nitrate	< .1	mg/l	07/23/08 10:37	WG373599
Nitrite	< .1	mg/l	07/23/08 10:37	WG373599
Sulfate	< 5	mg/l	07/23/08 10:37	WG373599
Methane	< .01	mg/l	07/23/08 14:21	WG373603
Suspended Solids	< 1	mg/l	07/24/08 10:06	WG373625
Benzene	< .001	mg/l	07/23/08 22:09	WG373645
Ethylbenzene	< .001	mg/l	07/23/08 22:09	WG373645
Toluene	< .005	mg/l	07/23/08 22:09	WG373645
Total Xylenes	< .003	mg/l	07/23/08 22:09	WG373645
Nitrate	< .1	mg/l	07/24/08 11:11	WG373660
Nitrite	< .1	mg/l	07/24/08 11:11	WG373660
Sulfate	< 5	mg/l	07/24/08 11:11	WG373660
Nitrate	< .1	mg/l	07/24/08 14:10	WG373774
Nitrite	< .1	mg/l	07/24/08 14:10	WG373774
Sulfate	< 5	mg/l	07/24/08 14:10	WG373774
Bis(2-ethylhexyl)phthalate	< .01	ppm	07/25/08 17:25	WG373829
Ammonia Nitrogen	< .1	mg/l	07/28/08 13:16	WG373898
Ammonia Nitrogen	< .1	mg/l	07/28/08 13:55	WG373899
Phosphorus,Total	< .1	mg/l	07/28/08 09:35	WG373902
Dissolved Solids	< 10	mg/l	07/26/08 13:04	WG373915
Dissolved Solids	< 10	mg/l	07/26/08 13:24	WG373916
Dissolved Solids	< 10	mg/l	07/26/08 13:38	WG373918
Suspended Solids	< 1	mg/l	07/25/08 07:08	WG373922
Suspended Solids	< 1	mg/l	07/25/08 07:11	WG373923
Benzene	< .001	mg/l	07/24/08 19:07	WG373949
Ethylbenzene	< .001	mg/l	07/24/08 19:07	WG373949
Toluene	< .005	mg/l	07/24/08 19:07	WG373949
Total Xylenes	< .003	mg/l	07/24/08 19:07	WG373949
Lead,Dissolved	< .005	mg/l	07/26/08 12:27	WG373953
Nitrate	< .1	mg/l	07/25/08 09:53	WG373966
Nitrite	< .1	mg/l	07/25/08 09:53	WG373966
Sulfate	< 5	mg/l	07/25/08 09:53	WG373966
Benzene	< .001	mg/l	07/25/08 11:21	WG374007
Ethylbenzene	< .001	mg/l	07/25/08 11:21	WG374007
Toluene	< .005	mg/l	07/25/08 11:21	WG374007

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Quality Assurance Report
Level II

L356130

August 11, 2008

Total Xylenes	< .003	mg/l	07/25/08 11:21	WG374007

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Bis(2-ethylhexyl)phthalate	< .01	ppm	07/28/08 19:19	WG374034
Benzene	< .001	mg/l	07/25/08 22:48	WG374052
Methane	< .01	mg/l	07/25/08 15:17	WG374074
Dissolved Solids	< 10	mg/l	07/28/08 12:50	WG374113
Dissolved Solids	< 10	mg/l	07/28/08 12:39	WG374114
Dissolved Solids	< 10	mg/l	07/28/08 12:23	WG374116
Suspended Solids	< 1	mg/l	07/26/08 06:32	WG374146
Bis(2-ethylhexyl)phthalate	< .01	ppm	07/26/08 19:21	WG374152
Benzene	< .001	mg/l	07/26/08 05:18	WG374154
Ethylbenzene	< .001	mg/l	07/26/08 05:18	WG374154
Toluene	< .005	mg/l	07/26/08 05:18	WG374154
Total Xylenes	< .003	mg/l	07/26/08 05:18	WG374154
Ethylbenzene	< .001	mg/l	07/26/08 13:25	WG374173
Total Xylenes	< .003	mg/l	07/26/08 13:25	WG374173
Dissolved Solids	< 10	mg/l	07/30/08 11:30	WG374204
Dissolved Solids	< 10	mg/l	07/30/08 13:02	WG374206
Dissolved Solids	< 10	mg/l	07/30/08 13:13	WG374208
Suspended Solids	< 1	mg/l	07/28/08 07:25	WG374214
Suspended Solids	< 1	mg/l	07/28/08 14:15	WG374224
Toluene	< .005	mg/l	07/27/08 17:12	WG374286
Bis(2-ethylhexyl)phthalate	< .01	ppm	07/28/08 21:32	WG374307
Benzene	< .001	mg/l	07/28/08 09:32	WG374315
Ethylbenzene	< .001	mg/l	07/28/08 09:32	WG374315
Toluene	< .005	mg/l	07/28/08 09:32	WG374315
Total Xylenes	< .003	mg/l	07/28/08 09:32	WG374315
Methane	< .01	mg/l	07/29/08 00:00	WG374415
Benzene	< .001	mg/l	07/28/08 17:27	WG374435
Ethylbenzene	< .001	mg/l	07/28/08 17:27	WG374435
Toluene	< .005	mg/l	07/28/08 17:27	WG374435
Total Xylenes	< .003	mg/l	07/28/08 17:27	WG374435
Dissolved Solids	< 10	mg/l	07/30/08 11:08	WG374440
Dissolved Solids	< 10	mg/l	07/30/08 10:52	WG374444
Dissolved Solids	< 10	mg/l	07/30/08 11:42	WG374445
Suspended Solids	< 1	mg/l	07/29/08 07:17	WG374446
Suspended Solids	< 1	mg/l	07/29/08 07:21	WG374447

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Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Ammonia Nitrogen	< .1	mg/l	07/30/08 13:39	WG374462
Toluene	< .005	mg/l	07/28/08 19:15	WG374475
Lead,Dissolved	< .005	mg/l	07/29/08 20:10	WG374481
Lead,Dissolved	< .005	mg/l	07/30/08 21:30	WG374538
Phosphorus,Total	< .1	mg/l	07/30/08 01:33	WG374682
Ammonia Nitrogen	< .1	mg/l	07/31/08 11:51	WG374683
Ammonia Nitrogen	< .1	mg/l	07/31/08 13:37	WG374684
Phosphorus,Total	< .1	mg/l	07/31/08 11:19	WG374689

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Nitrate	mg/l	0.00	0.00	0.00	20	L356130-23	WG373599
Nitrate	mg/l	0.00	0.00	0.00	20	L356130-29	WG373599
Nitrite	mg/l	0.00	0.00	0.00	20	L356130-23	WG373599
Nitrite	mg/l	0.00	0.00	0.00	20	L356130-29	WG373599
Sulfate	mg/l	0.00	0.00	0.00	20	L356130-23	WG373599
Sulfate	mg/l	0.00	0.00	0.00	20	L356130-29	WG373599
Suspended Solids	mg/l	4960	5000	0.803	5	L356087-02	WG373625
Suspended Solids	mg/l	2.25	2.20	2.25	5	L356195-01	WG373625
Nitrate	mg/l	0.00	0.00	0.00	20	L355310-04	WG373660
Nitrate	mg/l	0.752	0.727	3.38	20	L356300-06	WG373660
Nitrate	mg/l	0.00	0.00	0.00	20	L356507-04	WG373660
Nitrite	mg/l	0.00	0.00	0.00	20	L355310-04	WG373660
Nitrite	mg/l	0.00	0.00	0.00	20	L356300-06	WG373660
Nitrite	mg/l	0.00	0.00	0.00	20	L356507-04	WG373660
Sulfate	mg/l	24.3	25.0	2.84	20	L355310-04	WG373660
Sulfate	mg/l	0.00	0.00	0.00	20	L356300-06	WG373660
Sulfate	mg/l	0.00	1.60	NA	20	L356507-04	WG373660
Nitrate	mg/l	0.00	0.00	0.00	20	L356516-01	WG373774
Nitrate	mg/l	0.876	0.870	0.687	20	L356516-04	WG373774
Nitrite	mg/l	0.00	0.00	0.00	20	L356516-01	WG373774
Nitrite	mg/l	0.00	0.00	0.00	20	L356516-04	WG373774
Sulfate	mg/l	65.9	66.6	1.06	20	L356516-01	WG373774
Sulfate	mg/l	127.	127.	0.00	20	L356516-04	WG373774
Sulfate	mg/l	35.8	36.0	0.557	20	L356468-01	WG373774
Ammonia Nitrogen	mg/l	0.00	0.150	NA	20	L356113-01	WG373898
Ammonia Nitrogen	mg/l	1.41	1.30	8.12	20	L356130-23	WG373898
Ammonia Nitrogen	mg/l	0.00	0.00	0.00	20	L356257-01	WG373899
Ammonia Nitrogen	mg/l	0.290	0.300	3.39	20	L356130-29	WG373899
Phosphorus,Total	mg/l	0.00	0.00	0.00	20	L356130-18	WG373902
Phosphorus,Total	mg/l	0.00	0.00	0.00	20	L356130-29	WG373902
Dissolved Solids	mg/l	618.	620.	0.323	5	L356240-01	WG373915
Dissolved Solids	mg/l	212.	220.	3.70	5	L356130-19	WG373916

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Level II

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Analyte	Units	Duplicate Result	Duplicate	RPD	Limit	Ref Samp	Batch
Dissolved Solids	mg/l	0.00	0.00	0.00	5	L356130-24	WG373918
Suspended Solids	mg/l	11.7	12.0	2.82	5	L356229-01	WG373922
Suspended Solids	mg/l	154.	150.	2.63	5	L356283-01	WG373922
Suspended Solids	mg/l	9.75	9.20	5.80	5	L356130-21	WG373923
Suspended Solids	mg/l	220.	220.	0.00	5	L356281-01	WG373923
Lead,Dissolved	mg/l	0.00	0.00	0.00	20	L356130-19	WG373953
Nitrate	mg/l	0.220	0.200	9.52	20	L356642-04	WG373966
Sulfate	mg/l	0.00	0.00	0.00	20	L356642-04	WG373966
Sulfate	mg/l	0.00	0.00	0.00	20	L356630-04	WG373966
Dissolved Solids	mg/l	629.	610.	3.07	5	L356630-10	WG374113
Dissolved Solids	mg/l	1490	1500	0.535	5	L356257-07	WG374114
Dissolved Solids	mg/l	624.	600.	3.92	5	L356630-18	WG374116
Suspended Solids	mg/l	36.3	36.0	0.692	5	L356130-26	WG374146
Suspended Solids	mg/l	34.3	32.0	6.79	5	L356766-04	WG374146
Dissolved Solids	mg/l	993.	990.	0.303	5	L356301-01	WG374204
Dissolved Solids	mg/l	236.	230.	2.58	5	L356500-03	WG374206
Dissolved Solids	mg/l	829.	820.	1.09	5	L356130-34	WG374208
Suspended Solids	mg/l	21.8	20.0	8.38	5	L356130-28	WG374214
Suspended Solids	mg/l	280.	270.	3.64	5	L356922-01	WG374214
Suspended Solids	mg/l	46.8	52.0	10.6	5	L356130-31	WG374224
Suspended Solids	mg/l	126.	120.	4.88	5	L356638-01	WG374224
Dissolved Solids	mg/l	400.	410.	2.47	5	L356550-05	WG374440
Dissolved Solids	mg/l	246.	250.	1.61	5	L356500-08	WG374444
Dissolved Solids	mg/l	940.	940.	0.00	5	L356516-04	WG374445
Suspended Solids	mg/l	252.	250.	0.797	5	L356130-36	WG374446
Suspended Solids	mg/l	107.	102.	4.57	5	L356538-02	WG374446
Suspended Solids	mg/l	85.0	85.0	0.00	5	L356130-40	WG374447
Suspended Solids	mg/l	8.00	8.00	0.00	5	L356828-01	WG374447
Ammonia Nitrogen	mg/l	0.00	0.00	0.00	20	L356130-45	WG374462
Ammonia Nitrogen	mg/l	0.114	0.140	20.5	20	L356130-30	WG374462
Lead,Dissolved	mg/l	0.00	0.00	0.00	20	L356130-32	WG374481
Lead,Dissolved	mg/l	0.00	0.00	0.00	20	L356956-02	WG374538
Phosphorus,Total	mg/l	0.00	0.00	0.00	20	L356130-34	WG374682
Phosphorus,Total	mg/l	3.07	3.10	0.972	20	L356698-01	WG374682
Ammonia Nitrogen	mg/l	0.00	0.00	0.00	20	L356751-01	WG374683
Ammonia Nitrogen	mg/l	0.122	0.150	20.6	20	L356392-01	WG374683

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Ammonia Nitrogen	mg/l	1.45	1.60	9.84	20	L356862-01	WG374684
Ammonia Nitrogen	mg/l	0.280	0.240	15.4	20	L356807-01	WG374684
Phosphorus,Total	mg/l	2.43	2.50	2.84	20	L356899-01	WG374689
Phosphorus,Total	mg/l	0.00	0.00	0.00	20	L356989-05	WG374689

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Benzene	mg/l	.05	0.0496	99.3	67-126	WG373469
Ethylbenzene	mg/l	.05	0.0523	105.	76-129	WG373469
Toluene	mg/l	.05	0.0509	102.	72-122	WG373469
Total Xylenes	mg/l	.15	0.153	102.	75-128	WG373469
Bis(2-ethylhexyl)phthalate	ppm	.01	0.0109	109.	47-143	WG373585
Nitrate	mg/l	8	7.76	97.0	90-110	WG373599
Nitrite	mg/l	8	7.58	94.8	90-110	WG373599
Sulfate	mg/l	40	37.6	94.0	90-110	WG373599
Methane	mg/l	1000	980.	98.0	56-121	WG373603
Suspended Solids	mg/l	778	848.	109.	85-115	WG373625
Benzene	mg/l	.05	0.0448	89.6	67-126	WG373645
Ethylbenzene	mg/l	.05	0.0633	127.	76-129	WG373645
Toluene	mg/l	.05	0.0468	93.6	72-122	WG373645
Total Xylenes	mg/l	.15	0.181	121.	75-128	WG373645
Nitrate	mg/l	8	7.87	98.4	90-110	WG373660
Nitrite	mg/l	8	7.80	97.5	90-110	WG373660
Sulfate	mg/l	40	38.7	96.8	90-110	WG373660
Nitrate	mg/l	8	7.95	99.4	90-110	WG373774
Nitrite	mg/l	8	7.74	96.8	90-110	WG373774
Sulfate	mg/l	40	38.2	95.5	90-110	WG373774
Bis(2-ethylhexyl)phthalate	ppm	.01	0.0102	102.	47-143	WG373829
Ammonia Nitrogen	mg/l	7.5	7.68	102.	85-115	WG373898
Ammonia Nitrogen	mg/l	7.5	8.13	108.	85-115	WG373899
Phosphorus,Total	mg/l	1	1.04	104.	85-115	WG373902
Dissolved Solids	mg/l	8800	8790	99.9	85-115	WG373915
Dissolved Solids	mg/l	8800	8500	96.6	85-115	WG373916
Dissolved Solids	mg/l	8800	8590	97.6	85-115	WG373918
Suspended Solids	mg/l	778	820.	105.	85-115	WG373922
Suspended Solids	mg/l	778	828.	106.	85-115	WG373923
Benzene	mg/l	.05	0.0468	93.6	63-121	WG373949
Ethylbenzene	mg/l	.05	0.0493	98.7	70-121	WG373949
Toluene	mg/l	.05	0.0468	93.6	65-120	WG373949
Total Xylenes	mg/l	.15	0.145	96.6	68-124	WG373949

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Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Lead,Dissolved	mg/l	1.13	1.20	106.	85-115	WG373953
Nitrate	mg/l	8	7.82	97.8	90-110	WG373966
Nitrite	mg/l	8	7.58	94.8	90-110	WG373966
Sulfate	mg/l	40	37.6	94.0	90-110	WG373966
Benzene	mg/l	.05	0.0460	91.9	67-126	WG374007
Ethylbenzene	mg/l	.05	0.0476	95.3	76-129	WG374007
Toluene	mg/l	.05	0.0450	90.0	72-122	WG374007
Total Xylenes	mg/l	.15	0.142	94.8	75-128	WG374007
Bis(2-ethylhexyl)phthalate	ppm	.01	0.00929	92.9	47-143	WG374034
Benzene	mg/l	.05	0.0445	89.0	67-126	WG374052
Methane	mg/l	1000	970.	97.0	56-121	WG374074
Dissolved Solids	mg/l	8800	8780	99.8	85-115	WG374113
Dissolved Solids	mg/l	8800	8570	97.4	85-115	WG374114
Dissolved Solids	mg/l	8800	8630	98.0	85-115	WG374116
Suspended Solids	mg/l	778	820.	105.	85-115	WG374146
Bis(2-ethylhexyl)phthalate	ppm	.01	0.0105	105.	47-143	WG374152
Benzene	mg/l	.05	0.0564	113.	67-126	WG374154
Ethylbenzene	mg/l	.05	0.0509	102.	76-129	WG374154
Toluene	mg/l	.05	0.0532	106.	72-122	WG374154
Total Xylenes	mg/l	.15	0.153	102.	75-128	WG374154
Ethylbenzene	mg/l	.05	0.0466	93.2	76-129	WG374173
Total Xylenes	mg/l	.15	0.139	92.4	75-128	WG374173
Dissolved Solids	mg/l	8800	8530	96.9	85-115	WG374204
Dissolved Solids	mg/l	8800	8720	99.1	85-115	WG374206
Dissolved Solids	mg/l	8800	8640	98.2	85-115	WG374208
Suspended Solids	mg/l	778	800.	103.	85-115	WG374214
Suspended Solids	mg/l	778	796.	102.	85-115	WG374224
Toluene	mg/l	.05	0.0439	87.7	72-122	WG374286
Bis(2-ethylhexyl)phthalate	ppm	.01	0.00996	99.6	47-143	WG374307
Benzene	mg/l	.05	0.0456	91.2	67-126	WG374315
Ethylbenzene	mg/l	.05	0.0393	78.5	76-129	WG374315
Toluene	mg/l	.05	0.0408	81.6	72-122	WG374315
Total Xylenes	mg/l	.15	0.119	79.0	75-128	WG374315
Methane	mg/l	1000	1100	110.	56-121	WG374415
Benzene	mg/l	.05	0.0433	86.7	67-126	WG374435
Ethylbenzene	mg/l	.05	0.0543	109.	76-129	WG374435
Toluene	mg/l	.05	0.0462	92.4	72-122	WG374435

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Total Xylenes	mg/l	.15	0.160	107.	75-128	WG374435

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Dissolved Solids	mg/l	8800	8580	97.5	85-115	WG374440
Dissolved Solids	mg/l	8800	8540	97.1	85-115	WG374444
Dissolved Solids	mg/l	8800	8540	97.1	85-115	WG374445
Suspended Solids	mg/l	778	808.	104.	85-115	WG374446
Suspended Solids	mg/l	778	784.	101.	85-115	WG374447
Ammonia Nitrogen	mg/l	7.5	7.68	102.	85-115	WG374462
Toluene	mg/l	.05	0.0434	86.8	72-122	WG374475
Lead, Dissolved	mg/l	1.13	1.12	99.1	85-115	WG374481
Lead, Dissolved	mg/l	1.13	1.21	107.	85-115	WG374538
Phosphorus, Total	mg/l	1	0.973	97.3	85-115	WG374682
Ammonia Nitrogen	mg/l	7.5	7.69	103.	85-115	WG374683
Ammonia Nitrogen	mg/l	7.5	7.76	103.	85-115	WG374684
Phosphorus, Total	mg/l	1	1.04	104.	85-115	WG374689

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Benzene	mg/l	0.0483	0.0496	2.68	20	97	WG373469
Ethylbenzene	mg/l	0.0516	0.0523	1.25	20	103	WG373469
Toluene	mg/l	0.0501	0.0509	1.52	20	100	WG373469
Total Xylenes	mg/l	0.151	0.153	0.948	20	101	WG373469
Bis(2-ethylhexyl)phthalate	ppm	0.0116	0.0109	6.13	24	116	WG373585
Nitrate	mg/l	7.72	7.76	0.517	20	97	WG373599
Nitrite	mg/l	7.53	7.58	0.662	20	94	WG373599
Sulfate	mg/l	37.4	37.6	0.533	20	94	WG373599
Methane	mg/l	860.	980.	13.0	20	86	WG373603
Suspended Solids	mg/l	804.	848.	5.33	20	103	WG373625
Benzene	mg/l	0.0417	0.0448	7.16	20	83	WG373645
Ethylbenzene	mg/l	0.0640	0.0633	1.03	20	128	WG373645
Toluene	mg/l	0.0465	0.0468	0.552	20	93	WG373645
Total Xylenes	mg/l	0.183	0.181	0.877	20	122	WG373645
Nitrate	mg/l	7.83	7.87	0.510	20	98	WG373660
Nitrite	mg/l	7.86	7.80	0.766	20	98	WG373660
Sulfate	mg/l	38.2	38.7	1.30	20	96	WG373660
Nitrate	mg/l	7.94	7.95	0.126	20	99	WG373774
Nitrite	mg/l	7.72	7.74	0.259	20	97	WG373774
Sulfate	mg/l	38.1	38.2	0.262	20	95	WG373774
Bis(2-ethylhexyl)phthalate	ppm	0.0114	0.0102	11.6	24	114	WG373829

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Ammonia Nitrogen	mg/l	7.89	7.68	2.70	20	105	WG373898

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Ammonia Nitrogen	mg/l	8.08	8.13	0.617	20	108	WG373899
Phosphorus,Total	mg/l	0.999	1.04	4.02	20	100	WG373902
Dissolved Solids	mg/l	8790	8790	0.0455	20	100	WG373915
Dissolved Solids	mg/l	8490	8500	0.141	20	96	WG373916
Dissolved Solids	mg/l	8520	8590	0.748	20	97	WG373918
Suspended Solids	mg/l	776.	820.	5.51	20	100	WG373922
Suspended Solids	mg/l	808.	828.	2.44	20	104	WG373923
Benzene	mg/l	0.0457	0.0468	2.50	20	91	WG373949
Ethylbenzene	mg/l	0.0509	0.0493	3.05	20	102	WG373949
Toluene	mg/l	0.0467	0.0468	0.250	20	93	WG373949
Total Xylenes	mg/l	0.148	0.145	1.73	20	98	WG373949
Nitrate	mg/l	7.78	7.82	0.513	20	97	WG373966
Nitrite	mg/l	7.56	7.58	0.264	20	95	WG373966
Sulfate	mg/l	37.6	37.6	0.00	20	94	WG373966
Benzene	mg/l	0.0441	0.0460	4.24	20	88	WG374007
Ethylbenzene	mg/l	0.0504	0.0476	5.60	20	101	WG374007
Toluene	mg/l	0.0452	0.0450	0.563	20	90	WG374007
Total Xylenes	mg/l	0.148	0.142	4.10	20	99	WG374007
Bis(2-ethylhexyl)phthalate	ppm	0.0096	0.0092	4.21	24	97	WG374034
Benzene	mg/l	0.0461	0.0445	3.47	20	92	WG374052
Methane	mg/l	1100	970.	12.6	20	110	WG374074
Dissolved Solids	mg/l	8880	8780	1.04	20	101	WG374113
Dissolved Solids	mg/l	8570	8570	0.00	20	97	WG374114
Dissolved Solids	mg/l	8700	8630	0.831	20	99	WG374116
Suspended Solids	mg/l	824.	820.	0.487	20	106	WG374146
Bis(2-ethylhexyl)phthalate	ppm	0.0114	0.0105	8.43	24	114	WG374152
Benzene	mg/l	0.0521	0.0564	7.97	20	104	WG374154
Ethylbenzene	mg/l	0.0464	0.0509	9.37	20	93	WG374154
Toluene	mg/l	0.0495	0.0532	7.14	20	99	WG374154
Total Xylenes	mg/l	0.138	0.153	10.6	20	92	WG374154
Ethylbenzene	mg/l	0.0515	0.0466	10.1	20	103	WG374173
Total Xylenes	mg/l	0.153	0.139	10.1	20	102	WG374173
Dissolved Solids	mg/l	8560	8530	0.328	20	97	WG374204
Dissolved Solids	mg/l	8710	8720	0.138	20	99	WG374206
Dissolved Solids	mg/l	8680	8640	0.370	20	99	WG374208
Suspended Solids	mg/l	820.	800.	2.47	20	105	WG374214

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Analyte	Units	Laboratory Control Sample Duplicate LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Suspended Solids	mg/l	812.	796.	1.99	20	104	WG374224
Toluene	mg/l	0.0465	0.0439	5.78	20	93	WG374286
Bis(2-ethylhexyl)phthalate	ppm	0.0093	0.0099	5.89	24	94	WG374307
Benzene	mg/l	0.0464	0.0456	1.72	20	93	WG374315
Ethylbenzene	mg/l	0.0403	0.0393	2.59	20	81	WG374315
Toluene	mg/l	0.0415	0.0408	1.68	20	83	WG374315
Total Xylenes	mg/l	0.120	0.119	1.46	20	80	WG374315
Methane	mg/l	920.	1100	17.8	20	92	WG374415
Benzene	mg/l	0.0409	0.0433	5.86	20	82	WG374435
Ethylbenzene	mg/l	0.0518	0.0543	4.69	20	104	WG374435
Toluene	mg/l	0.0446	0.0462	3.52	20	89	WG374435
Total Xylenes	mg/l	0.153	0.160	4.72	20	102	WG374435
Dissolved Solids	mg/l	8550	8580	0.327	20	97	WG374440
Dissolved Solids	mg/l	8520	8540	0.281	20	97	WG374444
Dissolved Solids	mg/l	8560	8540	0.140	20	97	WG374445
Suspended Solids	mg/l	804.	808.	0.496	20	103	WG374446
Suspended Solids	mg/l	792.	784.	1.02	20	102	WG374447
Ammonia Nitrogen	mg/l	7.93	7.68	3.20	20	106	WG374462
Toluene	mg/l	0.0432	0.0434	0.399	20	86	WG374475
Phosphorus,Total	mg/l	0.953	0.973	2.08	20	95	WG374682
Ammonia Nitrogen	mg/l	7.50	7.69	2.50	20	100	WG374683
Ammonia Nitrogen	mg/l	7.78	7.76	0.257	20	104	WG374684
Phosphorus,Total	mg/l	1.05	1.04	0.957	20	105	WG374689

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/l	0.0520	0.00	.05	104.	16-158	L356130-04	WG373469
Ethylbenzene	mg/l	0.0489	0.00	.05	97.7	29-150	L356130-04	WG373469
Toluene	mg/l	0.0501	0.00	.05	100.	22-152	L356130-04	WG373469
Total Xylenes	mg/l	0.150	0.00	.15	100.	27-151	L356130-04	WG373469
Bis(2-ethylhexyl)phthalate	ppm	0.0077	0.0009	.01	68.2	10-115	L356235-02	WG373585
Bis(2-ethylhexyl)phthalate	ppm	0.300	0.150	.01	150.	10-115	L356130-07	WG373585
Nitrate	mg/l	4.68	0.00	5	93.6	80-120	L356130-24	WG373599
Nitrite	mg/l	4.63	0.00	5	92.6	80-120	L356130-24	WG373599
Sulfate	mg/l	46.4	0.00	50	92.8	80-120	L356130-24	WG373599
Benzene	mg/l	0.0407	0.00	.05	81.3	16-158	L356130-07	WG373645
Ethylbenzene	mg/l	0.0615	0.00	.05	123.	29-150	L356130-07	WG373645
Toluene	mg/l	0.0449	0.00	.05	89.9	22-152	L356130-07	WG373645
Total Xylenes	mg/l	0.175	0.00	.15	117.	27-151	L356130-07	WG373645

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Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Nitrate	mg/l	5.71	0.00	5	114.	80-120	L356300-05	WG373660
Nitrate	mg/l	4.93	0.00	5	98.6	80-120	L356130-32	WG373660
Nitrite	mg/l	4.99	0.00	5	99.8	80-120	L356300-05	WG373660
Nitrite	mg/l	5.14	0.00	5	103.	80-120	L356130-32	WG373660
Sulfate	mg/l	48.3	0.00	50	96.6	80-120	L356300-05	WG373660
Sulfate	mg/l	50.2	0.00	50	100.	80-120	L356130-32	WG373660
Nitrate	mg/l	5.02	0.156	5	97.3	80-120	L356248-02	WG373774
Nitrite	mg/l	5.01	0.00	5	100.	80-120	L356248-02	WG373774
Sulfate	mg/l	86.4	36.9	50	99.0	80-120	L356248-02	WG373774
Ammonia Nitrogen	mg/l	5.16	0.00	5	103.	80-120	L356113-04	WG373898
Ammonia Nitrogen	mg/l	5.01	0.00	5	100.	80-120	L356249-01	WG373899
Phosphorus,Total	mg/l	2.35	0.00	2.5	94.0	80-120	L356130-22	WG373902
Benzene	mg/l	0.0415	0.00	.05	83.1	16-158	L356130-18	WG373949
Ethylbenzene	mg/l	0.0438	0.00	.05	87.7	29-150	L356130-18	WG373949
Toluene	mg/l	0.0421	0.00	.05	84.1	22-152	L356130-18	WG373949
Total Xylenes	mg/l	0.130	0.00	.15	86.6	27-151	L356130-18	WG373949
Lead,Dissolved	mg/l	1.20	0.00	1.13	106.	75-125	L356130-19	WG373953
Nitrate	mg/l	5.04	0.130	5	98.2	80-120	L356642-01	WG373966
Sulfate	mg/l	49.8	0.00	50	99.6	80-120	L356642-01	WG373966
Benzene	mg/l	0.0423	0.00	.05	84.7	16-158	L356130-32	WG374007
Ethylbenzene	mg/l	0.0455	0.00	.05	91.0	29-150	L356130-32	WG374007
Toluene	mg/l	0.0423	0.00	.05	84.7	22-152	L356130-32	WG374007
Total Xylenes	mg/l	0.135	0.00	.15	90.2	27-151	L356130-32	WG374007
Benzene	mg/l	0.0406	0.0022	.05	76.8	16-158	L356453-02	WG374052
Benzene	mg/l	0.0592	0.0081	.05	102.	16-158	L356130-17	WG374154
Ethylbenzene	mg/l	0.0658	0.0310	.05	69.6	29-150	L356130-17	WG374154
Toluene	mg/l	0.919	1.00	.05	0.0	22-152	L356130-17	WG374154
Total Xylenes	mg/l	0.249	0.160	.15	59.1	27-151	L356130-17	WG374154
Ethylbenzene	mg/l	0.0510	0.00	.05	102.	29-150	L356682-07	WG374173
Total Xylenes	mg/l	0.154	0.00	.15	103.	27-151	L356682-07	WG374173
Toluene	mg/l	0.0436	0.00	.05	87.2	22-152	L356632-10	WG374286
Benzene	mg/l	0.0696	0.00	.05	139.	16-158	L356130-43	WG374315
Ethylbenzene	mg/l	0.0538	0.00	.05	108.	29-150	L356130-43	WG374315
Toluene	mg/l	0.0588	0.00	.05	118.	22-152	L356130-43	WG374315
Total Xylenes	mg/l	0.178	0.0150	.15	109.	27-151	L356130-43	WG374315
Benzene	mg/l	0.0365	0.00	.05	72.9	16-158	L356130-19	WG374435
Ethylbenzene	mg/l	0.0447	0.00	.05	89.5	29-150	L356130-19	WG374435
Toluene	mg/l	0.0404	0.00	.05	80.8	22-152	L356130-19	WG374435
Total Xylenes	mg/l	0.131	0.00	.15	87.5	27-151	L356130-19	WG374435
Ammonia Nitrogen	mg/l	5.39	0.170	5	104.	80-120	L356130-31	WG374462
Toluene	mg/l	0.0472	0.00	.05	94.3	22-152	L356712-30	WG374475
Lead,Dissolved	mg/l	1.11	0.00	1.13	98.2	75-125	L356130-32	WG374481

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Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Lead,Dissolved	mg/l	1.16	0.00	1.13	103.	75-125	L356956-02	WG374538
Phosphorus,Total	mg/l	2.65	0.280	2.5	94.8	80-120	L356130-32	WG374682
Ammonia Nitrogen	mg/l	4.97	0.00	5	99.4	80-120	L356577-01	WG374683
Ammonia Nitrogen	mg/l	4.97	0.00	5	99.4	80-120	L356840-01	WG374684
Phosphorus,Total	mg/l	2.78	0.00	2.5	111.	80-120	L356989-03	WG374689

Analyte	Units	Matrix Spike Duplicate MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Benzene	mg/l	0.0519	0.0520	0.150	21	104.	L356130-04	WG373469
Ethylbenzene	mg/l	0.0474	0.0489	2.96	24	94.9	L356130-04	WG373469
Toluene	mg/l	0.0499	0.0501	0.415	22	99.9	L356130-04	WG373469
Total Xylenes	mg/l	0.143	0.150	4.84	23	95.6	L356130-04	WG373469
Bis(2-ethylhexyl)phthalate	ppm	0.0101	0.0077	27.0	33	92.3	L356235-02	WG373585
Bis(2-ethylhexyl)phthalate	ppm	0.148	0.300	68.1	33	0.00	L356130-07	WG373585
Nitrate	mg/l	4.75	4.68	1.48	20	95.0	L356130-24	WG373599
Nitrite	mg/l	4.68	4.63	1.07	20	93.6	L356130-24	WG373599
Sulfate	mg/l	46.6	46.4	0.430	20	93.2	L356130-24	WG373599
Benzene	mg/l	0.0411	0.0407	1.05	21	82.2	L356130-07	WG373645
Ethylbenzene	mg/l	0.0615	0.0615	0.0416	24	123.	L356130-07	WG373645
Toluene	mg/l	0.0458	0.0449	1.80	22	91.5	L356130-07	WG373645
Total Xylenes	mg/l	0.178	0.175	1.65	23	119	L356130-07	WG373645
Nitrate	mg/l	4.94	4.93	0.203	20	98.8	L356130-32	WG373660
Nitrate	mg/l	5.32	5.71	7.07	20	106.	L356300-05	WG373660
Nitrite	mg/l	5.11	5.14	0.585	20	102.	L356130-32	WG373660
Nitrite	mg/l	3.95	4.99	23.3	20	79.0	L356300-05	WG373660
Sulfate	mg/l	50.0	50.2	0.399	20	100.	L356130-32	WG373660
Sulfate	mg/l	47.1	48.3	2.52	20	94.2	L356300-05	WG373660
Nitrate	mg/l	5.26	5.02	4.67	20	102.	L356248-02	WG373774
Nitrite	mg/l	5.23	5.01	4.30	20	105.	L356248-02	WG373774
Sulfate	mg/l	88.8	86.4	2.74	20	104.	L356248-02	WG373774
Ammonia Nitrogen	mg/l	4.92	5.16	4.76	20	98.4	L356113-04	WG373898
Ammonia Nitrogen	mg/l	4.94	5.01	1.41	20	98.8	L356249-01	WG373899
Phosphorus,Total	mg/l	2.34	2.35	0.426	20	93.6	L356130-22	WG373902
Benzene	mg/l	0.0389	0.0415	6.57	21	77.8	L356130-18	WG373949
Ethylbenzene	mg/l	0.0447	0.0438	1.89	24	89.3	L356130-18	WG373949
Toluene	mg/l	0.0406	0.0421	3.43	22	81.3	L356130-18	WG373949
Total Xylenes	mg/l	0.129	0.130	1.01	23	85.7	L356130-18	WG373949
Lead,Dissolved	mg/l	1.20	1.20	0.00	20	106.	L356130-19	WG373953
Nitrate	mg/l	5.11	5.04	1.38	20	99.6	L356642-01	WG373966
Sulfate	mg/l	49.7	49.8	0.201	20	99.4	L356642-01	WG373966
Benzene	mg/l	0.0407	0.0423	3.83	21	81.5	L356130-32	WG374007
Ethylbenzene	mg/l	0.0444	0.0455	2.40	24	88.8	L356130-32	WG374007

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Toluene	mg/l	0.0419	0.0423	1.04	22	83.8	L356130-32	WG374007

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Total Xylenes	mg/l	0.130	0.135	3.85	23	86.8	L356130-32	WG374007
Benzene	mg/l	0.0418	0.0406	2.85	21	79.2	L356453-02	WG374052
Benzene	mg/l	0.0723	0.0592	20.0	21	128.	L356130-17	WG374154
Ethylbenzene	mg/l	0.0895	0.0658	30.5	24	117.	L356130-17	WG374154
Toluene	mg/l	1.11	0.919	19.0	22	225.	L356130-17	WG374154
Total Xylenes	mg/l	0.343	0.249	32.0	23	122.	L356130-17	WG374154
Ethylbenzene	mg/l	0.0531	0.0510	3.90	24	106.	L356682-07	WG374173
Total Xylenes	mg/l	0.156	0.154	1.28	23	104.	L356682-07	WG374173
Toluene	mg/l	0.0423	0.0436	3.02	22	84.6	L356632-10	WG374286
Benzene	mg/l	0.0692	0.0696	0.670	21	138.	L356130-43	WG374315
Ethylbenzene	mg/l	0.0535	0.0538	0.584	24	107.	L356130-43	WG374315
Toluene	mg/l	0.0600	0.0588	2.06	22	120.	L356130-43	WG374315
Total Xylenes	mg/l	0.174	0.178	1.92	23	106.	L356130-43	WG374315
Benzene	mg/l	0.0381	0.0365	4.49	21	76.3	L356130-19	WG374435
Ethylbenzene	mg/l	0.0473	0.0447	5.68	24	94.7	L356130-19	WG374435
Toluene	mg/l	0.0413	0.0404	2.26	22	82.7	L356130-19	WG374435
Total Xylenes	mg/l	0.141	0.131	7.02	23	93.9	L356130-19	WG374435
Ammonia Nitrogen	mg/l	5.43	5.39	0.739	20	105.	L356130-31	WG374462
Toluene	mg/l	0.0480	0.0472	1.78	22	96.0	L356712-30	WG374475
Lead,Dissolved	mg/l	1.13	1.11	1.79	20	100.	L356130-32	WG374481
Lead,Dissolved	mg/l	1.18	1.16	1.71	20	104.	L356956-02	WG374538
Phosphorus,Total	mg/l	2.63	2.65	0.758	20	94.0	L356130-32	WG374682
Ammonia Nitrogen	mg/l	5.05	4.97	1.60	20	101.	L356577-01	WG374683
Ammonia Nitrogen	mg/l	5.29	4.97	6.24	20	106.	L356840-01	WG374684
Phosphorus,Total	mg/l	2.83	2.78	1.78	20	113.	L356989-03	WG374689

Batch number /Run number / Sample number cross reference

WG373603: R420125: L356130-17 18 19 20 21 22 23 24 25 26 27 28 29
WG373645: R420404: L356130-07 12 13 14 15
WG373599: R420405: L356130-17 18 19 20 21 22 23 24 25 26 27 28 29
WG373469: R420464: L356130-01 02 03 04 05 06 08 09 10 11
WG373949: R421544: L356130-18 23
WG373774: R421584: L356130-40
WG373625: R422124: L356130-17
WG373660: R422206: L356130-30 31 32 34 35 36 37
WG374074: R423226: L356130-30 31 32 34 35 36 37 38 39 40
WG373966: R423265: L356130-43 44 45 46
WG374007: R423284: L356130-30 31 32 35 36 37 38 39 40 41
WG374052: R423285: L356130-34
WG373922: R423325: L356130-18 19 20
WG373923: R423344: L356130-21 22 23 24
WG373915: R423364: L356130-17 18 20
WG373916: R423365: L356130-19 21

ENVIRONMENTAL
SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

RMT, Inc - Grand Rapids, MI
Mr. Eric Vincke
2025 East Beltline Ave. SE Ste 402

Grand Rapids, MI 49546

Quality Assurance Report
Level II

L356130

August 11, 2008

WG373918: R423366: L356130-22 23 24
WG374173: R423524: L356130-34 37 38 40
WG374146: R423809: L356130-25 26
WG373953: R423944: L356130-17 18 19
WG373902: R423945: L356130-17 18 19 20 21 22 23 24 25 26 27 28 29
WG374286: R423965: L356130-34
WG373585: R424107: L356130-02 03 04 05 06 07 08
WG373829: R424108: L356130-09 10 11 12 13 14 15 17
WG374116: R424126: L356130-28 29
WG374114: R424144: L356130-26 27
WG374113: R424164: L356130-25
WG374154: R424224: L356130-16 17 21 22 26 27 28 29
WG374315: R424424: L356130-42 43 45
WG374152: R424586: L356130-31 32 34 35 43
WG373898: R424627: L356130-17 18 19 20 21 22 23 24 25 26 27
WG373899: R424685: L356130-28 29
WG374214: R424726: L356130-27 28 29 30
WG374435: R424964: L356130-19 20 24 25 44
WG374415: R425064: L356130-43 44 45
WG374224: R425264: L356130-31 32 34 35 43
WG374475: R425764: L356130-17 22 29
WG374034: R425885: L356130-18 19 20 21 22 23 24 25 26 27 28 29 30
WG374307: R425886: L356130-36 37 38 39 40 44 45
WG374447: R426844: L356130-40 45
WG374446: R426927: L356130-36 37 44
WG374444: R427004: L356130-45
WG374481: R427144: L356130-20 21 22 23 24 25 26 27 28 29 30 31 32 34 35
WG374204: R427164: L356130-30
WG374440: R427165: L356130-44
WG374445: R427224: L356130-40
WG374206: R427444: L356130-31 32 35 46
WG374208: R427466: L356130-34 36 37 43
WG374682: R427744: L356130-30 31 32 34 35 36 37 40 43 44 45
WG374462: R427784: L356130-30 31 32 34 35 36 40 43 44 45 47
WG374538: R429069: L356130-36 37 40 43 44 45 46
WG374689: R429225: L356130-46 47
WG374683: R429264: L356130-37
WG374684: R429564: L356130-46
WG374690: R436304: L356130-17 18 19 20 21 22 23 24 25 26 27 28 29
WG376107: R440724: L356130-30 31 32 34 35 36 37 38 39 40 43 44 45

* * Calculations are performed prior to rounding of reported values .

ENVIRONMENTAL
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Tax I.D. 62-0814289

Est. 1970

RMT, Inc - Grand Rapids, MI
Mr. Eric Vincke
2025 East Beltline Ave. SE Ste 402

Grand Rapids, MI 49546

Quality Assurance Report
Level II

L356130

August 11, 2008

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Eric Vincke ~~Mr. Eric Vinke~~

Email to: eric.vincke@rmtinc.com

Project Description: L.E. Carpenter

City/State Collected: New Jersey

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

Client Project #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: EV/SM

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature): E. Vincke / A. Meddlebrook

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

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	8260B TCL	bis-2-Ethylhexylphthalate (DEHP)	Remarks/Contaminant	Sample # (lab only)
TB-01	Grab	GW	NA	7/21/08	—	14	X			
DUP-01	Grab	GW			—	4	X	X		
DRC-02	Grab	GW			1107	4	X	X		
SW-D-5	Grab	GW			1115	4	X	X		
SW-R-1	Grab	GW			1128	4	X	X		
SW-R-2	Grab	GW			1138	4	X	X		
SW-R-3	Grab	GW			1153	8	X	X	MS/MSD	
SW-R-4	Grab	GW			1208	4	X	X		
SW-R-6	Grab	GW	NA	7/21/08	1250	4		X		

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

pH _____ Temp _____

Remarks: More samples coming this week Keep rolling for 1 report + 1 invoice

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
E. Vincke	7/21/08	1500	FedEx
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for laboratory by: (Signature)

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

Temp: 4.3

Date: 7/22/08

Time: 0900

Condition: (lab use only) Good

Sealed: Yes

Intact: Yes

Chain of Custody
Page 1 of 2

Prepared by:

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

Cooler Temperature: 4.3 / 5.7

(9632 6249 7029) (9632 6249 7007)
(9632 6249 7030) (9632 6249 7018)

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Eric Vincke Mr. Eric Vinke
Email to: eric~~vinke~~vincke@rmtinc.com

Chain of Custody
Page 2 of 2

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 #: 6527.29	ESC Key:	RMTGRMI-652729
Collected by: EV/SM	Site/Facility ID#:	P.O.#:	6527.29

Collected by (signature): [signature]
Packed on Ice N Y✓

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

Date Results Needed:
Email? __No X Yes
FAX? __No __Yes

Analysis/Container/Preservative

Cooler Custody Seals (lab use only)
Temp Upon Receipt: 4.4 | 10.1
Seals Intact: Y

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	bis-2-Ethylhexylphthalate (DEHP)	Remarks/Contaminant	Sample # (lab only)
SW-R-5	Grab	GW	NA	7/21/08	1307	4	X		
SW-D-4	Grab	GW			1226	4	X		
SW-D-3	Grab	GW			1325	4	X		
SW-D-2	Grab	GW			1339	4	X		
SW-D-1	Grab	GW			1347	4	X		
RB-01	Grab	GW	NA	7/21/08	1405	4	X		
	Grab	GW							
	Grab	GW							
	Grab	GW							

*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)
[signature]	7/21/08	1500	Fed Ex		COC Seals Intact
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.4 °C	Bottles Received: 61
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 7/22/08	Time: 0900

Chain of Custody
Page 1 of 2

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: eric.~~vinke~~ vincke@rmtinc.com

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 #: 6527.29
ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook
Site/Facility ID#:
P.O.#: 6527.29

Collected by (signature): E. Vincke, S. Middlebrook
Packed on Ice N Y ✓

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

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

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEX	bis-2-Ethylhexylphthalate (DEHP)	TSS	TDS, Sulfate, Nitrate, Nitrite	Dissolved Lead	Ammonia N, T. Phosphorus	RSK175 Methane only	~~Total Lead~~ Dissolved Lead	Remarks/Contaminant	Sample # (lab only)
TB-02	Grab	GW	NA	7/22/08	—	1	X									[illegible]
DUP-02	Grab	GW	↓	↓	—	11	X	X	X	X	X	X	X	X		[illegible]
[illegible]-19-4	Grab	GW			0919	11	X	X	X	X	X	X	X	X		[illegible]
[illegible]-19-12	Grab	GW			1015	11	X	X	X	X	X	X	X	X		[illegible]
MW-[illegible](R)	Grab	GW			0926	11	X	X	X	X	X	X	X	X		[illegible]
MW-30D	Grab	GW			1058	11	X	X	X	X	X	X	X	X		[illegible]
GE1-2s	Grab	GW			1131	11	X	X	X	X	X	X	X	X		[illegible]
MW-30i	Grab	GW	↓	↓	1148	11	X	X	X	X	X	X	X	X		[illegible]
ATM-01	Grab	GW	NA	7/22/08	1200	11	X	X	X	X	X	X	X	X	Not Field Filtered	[illegible]

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

pH _____ Temp _____

Remarks: ATM-01 was not preserved or filtered. Filter in lab and run for diss. lead

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐
[signature]	7/22/08		FedEx [illegible]	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.0° Bottles Received: 1144
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 7/22/08 Time: 0900 pH Checked: <2 NCF:

(9632 6249 6927)(9632 6249 6949)(9632 6249 6950)
(9632 6249 6971)(9632 6249 6938)(9632 6249 6960)(9632 6249 6982)

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: ~~eric.vinke~~ vincke@rmtinc.com

Project Description: L.E. Carpenter

City/State Collected: New Jersey

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

Client Project #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature): E. Vincke, S. Middlebrook

Packed on Ice N Y ✓

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

Date Results Needed: 2wks

Email? __No ✓Yes

FAX? ✓No __Yes

Analysis/Container/Preservative

Chain of Custody Page 2 of 2

Prepared by:

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

Cooler: RMT Cooler
Temp: 2.4 / 3.2 / 1.5

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOC 8260 BTEX	bis-2-Ethylhexylphthalate (DEHP)	PAHs	TDS, Sulfate, Nitrate, Nitrite	Dissolved Fe, Mn	Ammonia N, T. Phosphorus	Total Metals	Total Lead Diss. Lead	Remarks/Contaminant	Sample # (lab only)
MW-19-6	Grab	GW	NA	7/22/08	1407	11	X	X	X	X	X	X	X	X		
MW-30s	Grab	GW	↓	↓	1407	11	X	X	X	X	X	X	X	X		
MW-19-7	Grab	GW			1515	11	X	X	X	X	X	X	X	X		
MW-29s	Grab	GW			1539	11	X	X	X	X	X	X	X	X		
MW-19-5	Grab	GW	NA	7/22/08	1659	11	X	X	X	X	X	X	X	X		
	Grab	GW														
	Grab	GW														
	Grab	GW														
	Grab	GW														

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

pH _____ Temp _____

Remarks: More Samples coming this week. Keep login rolling.

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition:	Lab use only
E. Vincke	7/22/08		FedEx	Temp: 2.4	Bottles intact: Y	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 7/23/08	Time: 0900	pH checked: Y/N
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)			

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric Vinke

Email to: eric.vinke@rmtinc.com

Project Description: L.E. Carpenter

City/Sate Collected: New Jersey

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

Client Project #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature): E. Vincke, S. Middlebrook

Packed on Ice N Y

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

Date Results Needed: 2 wks

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

Cooler: RMTGRMI (Lab use only)
Temp: 4.1 / 5.0
Seals: Yes

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOC's 8260B TCL	bis-2-Ethylhexylphthalate (DEHP)	TSS	TDS, Sulfate, Nitrate, Nitrite	Dissolved Lead	Ammonia N, T. Phosphorus	Total Lead	Total Lead Diss. Lead	Remarks/Contaminant	Sample # (lab only)
DUP-03	Grab	GW	NA	7/23/08	—	11	X	X	X	X	X	X	X	X		[illegible]
MW-28S	Grab	GW	↓	↓	0824	11	X	X	X	X	X	X	X	X		[illegible]
MW-28I	Grab	GW	↓	↓	0843	11	X	X	X	X	X	X	X	X		[illegible]
MW-28I MS/MSD	Grab	GW	↓	↓	0843	11	X	X	X	X	X	X	X	X		[illegible]
MW-19	Grab	GW	↓	↓	1015	11	X	X	X	X	X	X	X	X		[illegible]
MW-27S	Grab	GW	↓	↓	1015	10	X	X	X	X	X	X	X			[illegible]
MW-33S	Grab	GW	↓	↓	1100	11	X	X	X	X	X	X	X	X		[illegible]
MW-31S	Grab	GW	↓	↓	1105	11	X	X	X	X	X	X	X	X		[illegible]
MW-32S	Grab	GW	↓	↓	1140	6	X	X					X			[illegible]

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

Remarks:
9632 6249 6879
9632 6249 6916
9632 6249 6996
9632 6249 6905
9632 6249 6868

pH _____ Temp _____
Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
E. Vincke	7/23/08	1830	FedEx
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)

Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____

Condition: OK

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: eric.~~vinke~~ vincke@rmtinc.com

Chain of Custody
Page 2 of 2

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 #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature): E. Vincke, S. Middlebrook

Packed on Ice N Y

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

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

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	[illegible]	bis-2-Ethylhexylphthalate (DEHP)	TSS	TDS, Sulfate, Nitrate, Nitrite	Dissolved Lead	Ammonia N, T. Phosphorus	[illegible]	~~Total Lead~~ Diss. Lead	Remarks/Contaminant	Sample # (lab only)
MW-34s	Grab	GW	NA	7/23/08	1405	6	X	X								[illegible]
MW-35s	Grab	GW	NA	7/23/08	1500	11	X	X	X	X	X	X	X	X		[illegible]
TB-03	Grab	GW	NA	7/23/08	—	1	X									[illegible]
	Grab	GW														
	Grab	GW														
	Grab	GW														
	Grab	GW														
	Grab	GW														
	Grab	GW														

*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)
E. Vincke	7/23/08	1830	FedEx		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp:	Bottles Received:
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: eric.~~vinke~~ vincke@rmtinc.com

Analysis/Container/Preservative

To Be Subbed out to Environmental Health Labs.

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/State Collected: New Jersey

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

Client Project #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature): E. Vincke S. Middlebrook

Packed on Ice N Y

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

Date Results Needed: 2 wks

Email? __No __Yes

FAX? ✓No __Yes

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Remarks/Contaminant	Sample # (lab only)
1895617 MW-8	Grab	GW	NA	7/23/08	1023	1		
618 RB-02	Grab	GW	NA	7/23/08	1110	1		
619 RB-03	Grab	GW	NA	7/23/08	1320	1		
	Grab	GW						
Bottles show date	Grab	GW						
of 7/24 SS 7-25-08	Grab	GW						
↑	Grab	GW						
correct per ERIC	Grab	GW						
7-25-08 JV	Grab	GW						

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

pH _____ Temp _____

Remarks: End of samples for this event.

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____
E. Vincke	7/23/08	1730	FedEx	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	
Relinquished by: (Signature)	Date:	Time:	Received for laboratory by: (Signature)	Date: Time:

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric Vinke

Email to: eric.vinke@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 #: 6527.29

ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook

Site/Facility ID#:

P.O.#: 6527.29

Collected by (signature): [signature]

Packed on Ice N Y

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

Date Results Needed: 2 wks

Email? __No ✓Yes

FAX? ✓No __Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEX	bis-2-Ethylhexylphthalate (DEHP)	TSS	TDS, Sulfate, Nitrate, Nitrite	Diss. Treated	Ammonia N, T. Phosphorus	RSK1 (Methane only)	~~Total Lead~~ Diss. Lead	Remarks/Contaminant	Sample # (lab only)
TB-04	Grab	GW	NA	7/24/08	—	1	X									[illegible]
MW-8	Grab	GW	↓	↓	1023	11	X	X	X	X	X	X	X	X		[illegible]
RB-02	Grab	GW	↓	↓	1110	11	X	X	X	X	X	X	X	X	Not Field Filtered	[illegible]
RB-03	Grab	GW	↓	↓	1320	11	X	X	X	X	X	X	X	X	" "	[illegible]
MW-32S	Grab	GW	↓	↓	0757	3				X		X		X		[illegible]
MW-34S	Grab	GW	NA	7/24/08	0730	1						X				[illegible]
	Grab	GW														
	Grab	GW														
	Grab	GW														

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

pH _____ Temp _____

Flow _____ Other _____

Remarks: RB-02 & RB-03 were left unpreserved. Please filter in lab & run for diss. Lead. This is the last samples for this event.

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
[signature]	7/24/08	1730	FedEx [illegible]		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: [illegible] Bottles Received: [illegible]	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 7/25/08 Time: [illegible]	pH Checked: [illegible] NCF: [illegible]

ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : L356130

Date: 7/26/08

Evaluated by: [illegible]

Client: Rmtgrmi

Non-Conformance (check applicable items)

_____	Chain of Custody is missing	✓	Login Clarification Needed
_____	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: received metals bottle "MW-27S" not on COC. Did not receive metals bottle for "MW-27S" yesterday. add to COC?

Login Instructions: **TSR Initials:** [illegible]

Client informed by call / email / fax / voice mail date: 7/26/08 time: 10:00

Client contact:

add to Chain for MW-27S

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 ___ of ___

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

Report to: ~~Mr. Eric Vincke~~ Ms. Jennifer Overvoorde

Email: eric.vincke@rmtinc.com;jen

Project Description: LE Carpenter

City/State Collected

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

Client Project #: 6527.29

Lab Project #: RMTGRMI-652729

Collected by (print): 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%
X Two Day 50%
___ Three Day 25%

Date Results Needed: 8/20/09

Email? ___No ___Yes
FAX? ___No ___Yes

Acct #: RMTGRMI (lab use only)
Transport/Relinquished by: FedEx
Cooler #: 8.14 X.05
Shipped Via: FedEx Priority

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	SVOC/DBE/DEHP 1L Amber No Preservative	V8260BTEX 40mlAmb-HCl					Remarks/Contaminant	Sample # (lab only)
SW-R-3	Grab	GW		8/15/08	1150	4	X	X						[illegible]
MW-28S	Grab	GW		8/15/08	1359	4	X	X						[illegible]
		GW				4	X	X						

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

8657 5534 5259

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐UPS ☒FedEx ☐Courier ☐___	Condition:	Lab use only
J Overvoorde	8/15/08	1530	Fed Ex			
Relinquished by: [redacted]	Date:	Time:	Received by: ([redacted])	Temp: 5.0 Bottles Received:		
Relinquished by: ([redacted]ure)	Date:	Time:	Received for laboratory by: (Signature)	Date: 8-18-09 Time: 0900	pH Checked:	NO

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Eric Vinke ~~Mr. Eric Vinke~~
Email to: eric.vinke@rmtinc.com

Chain of Custody
Page 1 of 2

Prepared by:

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

L359463

Project Description: L.E. Carpenter
City/State Collected: New Jersey
Phone: 616-975-5415
FAX: 616-975-1098
Client Project #: 6527.29
ESC Key: RMTGRMI-652729
Collected by: EV/SM
Site/Facility ID#:
P.O.#: 6527.29
Collected by (signature): E. Vinke / S. Meddlebrook
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

Analysis/Container/Preservative: bis-2-Ethylhexylphthalate (DEHP)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	bis-2-Ethylhexylphthalate (DEHP)	Remarks/Contaminant	Sample # (lab only)
TB-01	Grab	GW	NA	7/21/08	—	1 ✗			
DUP-01	Grab	GW			—	4	X		
DRC-02	Grab	GW			1107	4	X		
SW-D-5	Grab	GW			1115	4	X		
SW-R-1	Grab	GW			1128	4	X		
SW-R-2	Grab	GW			1138	4	X		
SW-R-3	Grab	GW			1153	8	X	-01 MS/MSD	
SW-R-4	Grab	GW			1208	4	X		
SW-R-6	Grab	GW	NA	7/21/08	1250	4	X		

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

pH _____ Temp _____

Remarks: More samples coming this week Keep rolling for 1 report + 1 invoice

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____
E. Vinke	7/21/08	1500	FedEx	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	
Relinquished by: (Signature)	Date:	Time:		

(9632 6249 7029) (9632 6249 7007)
(9632 6249 7030) (9632 6249 7018)

Andy Vann

From: Alan Harvill
Sent: Monday, August 11, 2008 3:50 PM
To: Alan Harvill; Sample Storage; Login
Cc: Leslie Newton
Subject: RE: L356130-07 RMTGRMI

Importance: High

Follow Up Flag: Follow up
Flag Status: Green

Sample Storage: Please bring un-used SV8270BN container to login

Login: Please log the sample for SV8270BN (Bis(2-ethylhexyl)phthalate only).

Alan Harvill
Environmental Science Corp.
Technical Service Rep.
Phone: 615-758-5858 ext: 129
Email: aharvill@envsci.com

This E-mail and any attached files are confidential, and may be copyright protected. If you are not the addressee, any dissemination of this communication is strictly prohibited. If you have received this message in error, please contact the sender immediately and delete/destroy all information received.

From: Alan Harvill
Sent: Monday, August 11, 2008 3:10 PM
To: Sample Storage
Cc: Alan Harvill; Leslie Newton
Subject: L356130-07 RMTGRMI

Do we have a container for SV8270BN left?

Alan Harvill
Environmental Science Corp.
Technical Service Rep.
Phone: 615-758-5858 ext: 129
Email: aharvill@envsci.com

This E-mail and any attached files are confidential, and may be copyright protected. If you are not the addressee, any dissemination of this communication is strictly prohibited. If you have received this message in error, please contact the sender immediately and delete/destroy all information received.

208410 Batch

16 4754

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric Vincke

Email to: eric.vincke@rmtinc.com

Analysis/Container/Preservative

To Be Subbed out to Environmental Health Labs.

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

L356130

Project Description:	L.E. Carpenter	City/State Collected	New Jersey
Phone: 616-975-5415 FAX: 616-975-1098	Client Project #: 6527.29	ESC Key:	RMTGRMI-652729
Collected by: E. Vincke S. Middlebrook	Site/Facility ID#:	P.O.#:	6527.29

Collected by (signature): E. Vincke S. Middlebrook

Packed on Ice N

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

Date Results Needed:
Email? ___No ✓Yes
FAX? ✓No ___Yes

	Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Remarks/Contaminant	Sample # (lab only)
1895006	DOR-03	Grab	GW	NA	7/23/08	—	1	RECEIVED OUT OF HOLD TIME	48
607	MW-28S	Grab	GW	↓	↓	0824	1	RECEIVED OUT OF HOLD TIME	49
608	MW-28I	Grab	GW			0843	1	RECEIVED OUT OF HOLD TIME	50
609	MW-28I MS/MSD	Grab	GW			0843	1	RECEIVED OUT OF HOLD TIME	51
610	MW-19	Grab	GW			1015	1	[illegible]	52
611	MW-27S	Grab	GW			0945	1	RECEIVED OUT OF HOLD TIME	53
612	MW-33S	Grab	GW			1100	1		54
613	MW-31S	Grab	GW			1105	1		55
614	MW-30S	Grab	GW	↓	↓	1340	1		56

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date: 7/23/08	Time: 1830	Received by: (Signature) FedEx	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	

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

Alternate Billing Information

Bill & Report to Environmental Science Corp.

Report to: Mr. Eric ~~Vinke~~ Vincke

Email to: eric.~~vinke~~ vincke@rmtinc.com

Chain of Custody
Page 2 of 2

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/State Collected: New Jersey

Phone: 616-975-5415
FAX: 616-975-1098
Client Project #: 6527.29
ESC Key: RMTGRMI-652729

Collected by: E. Vincke, S. Middlebrook
Site/Facility ID#:
P.O.#: 6527.29

Collected by (signature): [signature]
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

Analysis/Container/Preservative: To Be Subbed out to Environmental Health Labs.

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs								Remarks/Contaminant	Sample # (lab only)
1895615 MW-34s	Grab	GW	NA	7/23/08	1405	1								57	
1895616 MW-35s	Grab	GW	NA	7/23/08	1500	1								58	
	Grab	GW													
	Grab	GW					Only To Run Report							Per ERIC	
	Grab	GW												7-25-08	
	Grab	GW													
	Grab	GW													
	Grab	GW													
	Grab	GW													

*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 ☐
[signature]	7/23/08	1830	FedEx [redacted]	
Relinquished by: (Si[redacted])	Date:	Time:	Received by: (Signatu[redacted])	
Relinquished by: (Si[redacted])	Date:	Time:	[redacted]	

[redacted]

the standard in safety

Underwriters Laboratories

Laboratory Report

Client: Environmental Science

Attn: Janice Cozby
12065 Lebanon Road
Mt. Juliet, TN 37122

Copies to: None

Report: 208256
Priority: Standard Written
Status: Final
PWS ID: Not Supplied

Sample Information

UL ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
1893979	Dup-02	SimPlate	07/22/08 00:00	Client	07/23/08 10:00
1893980	MW-19-4	SimPlate	07/22/08 09:19	Client	07/23/08 10:00
1893981	MW-19-12	SimPlate	07/22/08 10:15	Client	07/23/08 10:00
1893982	MW-25 (R)	SimPlate	07/22/08 09:26	Client	07/23/08 10:00
1893983	MW-30D	SimPlate	07/22/08 10:58	Client	07/23/08 10:00
1893984	GEI-2S	SimPlate	07/22/08 11:31	Client	07/23/08 10:00
1893985	MW-30I	SimPlate	07/22/08 11:48	Client	07/23/08 10:00
1893986	ATM-01	SimPlate	07/22/08 12:00	Client	07/23/08 10:00
1893987	MW-19-6	SimPlate	07/22/08 14:07	Client	07/23/08 10:00
1893988	MW-30S	SimPlate	07/22/08 14:07	Client	07/23/08 10:00
1893989	MW-19-7	SimPlate	07/22/08 15:15	Client	07/23/08 10:00
1893990	MW-29S	SimPlate	07/22/08 15:39	Client	07/23/08 10:00
1893991	MW-19-5	SimPlate	07/22/08 16:59	Client	07/23/08 10:00

Report Summary

Note: The samples submitted for analysis, excluding sites MW-29S and MW-19-5, could not be analyzed within the twenty-four hour hold time. The client was notified of the situation and analysis was authorized by Eric Vincke of Environmental Science.

Note: Sample containers were provided by the client.

Detailed quantitative results are presented on the following pages.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Trott at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from Underwriters Laboratories (UL).

Authorized Signature | Title: C. E. Manager | Date: 8/4/2008

Client Name: Environmental Science
Report #: 208256

Underwriters Laboratories Inc.
110 S. Hill Street, South Bend, IN 46617-2702 USA
T:: 800.332.4345 / F:: 574.233.8207 / W:: ul.com

Client Name: Environmental Science

Report #: 208256

Sampling Point: Dup-02

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Heterotrophic Plate Count	SimPlate	---	2.0	6.0	MPN/ml	---	07/23/08 15:31	1893979

Sampling Point: MW-19-4

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Heterotrophic Plate Count	SimPlate	---	2.0	45	MPN/ml	---	07/23/08 15:32	1893980

Sampling Point: MW-19-12

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Heterotrophic Plate Count	SimPlate	---	2.0	2.0	MPN/ml	---	07/23/08 15:32	1893981

Sampling Point: MW-25 (R)

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Heterotrophic Plate Count	SimPlate	---	2.0	> 740	MPN/ml	---	07/23/08 15:33	1893982

Sampling Point: MW-30D

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Heterotrophic Plate Count	SimPlate	---	2.0	> 740	MPN/ml	---	07/23/08 15:33	1893983

Client Name: Environmental Science

Report #: 208256

Sampling Point: GEI-2S

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Heterotrophic Plate Count	SimPlate	---	2.0	4.0	MPN/ml	---	07/23/08 15:34	1893984

Sampling Point: MW-30I

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Heterotrophic Plate Count	SimPlate	---	2.0	< 2.0	MPN/ml	---	07/23/08 15:34	1893985

Sampling Point: ATM-01

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Heterotrophic Plate Count	SimPlate	---	2.0	< 2.0	MPN/ml	---	07/23/08 15:35	1893986

Sampling Point: MW-19-6

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Heterotrophic Plate Count	SimPlate	---	2.0	140	MPN/ml	---	07/23/08 15:35	1893987

Sampling Point: MW-30S

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Heterotrophic Plate Count	SimPlate	---	2.0	> 740	MPN/ml	---	07/23/08 15:36	1893988

Client Name: Environmental Science

Report #: 208256

Sampling Point: MW-19-7

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	340	MPN/ml	—	07/23/08 15:36	1893989

Sampling Point: MW-29S

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	130	MPN/ml	—	07/23/08 15:37	1893990

Sampling Point: MW-19-5

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	100	MPN/ml	—	07/23/08 15:37	1893991

has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

Reg Limit Type:	MCL	SMCL	AL
Symbol:	*	^	!

the standard in safety

Underwriters Laboratories

Laboratory Report

Client: Environmental Science

Attn: Janice Cozby
12065 Lebanon Road
Mt. Juliet, TN 37122

Report: 208410
Priority: Standard Written
Status: Final
PWS ID: Not Supplied

Copies to: None

Sample Information

UL ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
1895606	Dup-03	SimPlate	07/23/08 00:00	Client	07/25/08 10:00
1895607	MW-28S	SimPlate	07/23/08 08:24	Client	07/25/08 10:00
1895608	MW-28I	SimPlate	07/23/08 08:43	Client	07/25/08 10:00
1895609	MW-28I MS/MSD	SimPlate	07/23/08 08:43	Client	07/25/08 10:00
1895610	MW-19	SimPlate	07/23/08 10:15	Client	07/25/08 10:00
1895611	MW-27S	SimPlate	07/23/08 09:45	Client	07/25/08 10:00
1895612	MW-33S	SimPlate	07/23/08 11:00	Client	07/25/08 10:00
1895613	MW-31S	SimPlate	07/23/08 11:05	Client	07/25/08 10:00
1895614	MW-32S	SimPlate	07/23/08 13:40	Client	07/25/08 10:00
1895615	MW-34S	SimPlate	07/23/08 14:05	Client	07/25/08 10:00
1895616	MW-35S	SimPlate	07/23/08 15:00	Client	07/25/08 10:00
1895617	MW-8	SimPlate	07/24/08 10:23	Client	07/25/08 10:00
1895618	RB-02	SimPlate	07/24/08 11:10	Client	07/25/08 10:00
1895619	RB-03	SimPlate	07/24/08 13:20	Client	07/25/08 10:00

Report Summary

Project: 6527.29

Note: Sample containers were provided by the client.

Note: The samples submitted for analysis for all sites except MW-8, RB-02 and RB-03 were received beyond the twenty-four hour hold time. The client was notified of the situation and analysis was authorized by Eric Vincke of Environmental Science.

Note: The samples submitted for analysis were received at a temperature of 17.8°C. The client was notified of the situation, and analysis was authorized by Eric Vincke of Environmental Science.

Detailed quantitative results are presented on the following pages.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Trott at (574) 233-4777.

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T:: 800.332.4345 / F:: 574.233.8207 / W:: ul.com

Authorized Signature

C.E. Manager
Title

8/7/2008
Date

Client Name: Environmental Science
Report #: 208410

Client Name: Environmental Science

Report #: 208410

Sampling Point: Dup-03

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	740	MPN/ml	—	07/25/08 11:52	1895606

Sampling Point: MW-28S

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	> 740	MPN/ml	—	07/25/08 11:54	1895607

Sampling Point: MW-28I

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	51	MPN/ml	—	07/25/08 11:54	1895608

Sampling Point: MW-28I MS/MSD

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	68	MPN/ml	—	07/25/08 11:55	1895609

Sampling Point: MW-19

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	740	MPN/ml	—	07/25/08 11:53	1895610

Client Name: Environmental Science

Report #: 208410

Sampling Point: MW-27S

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	560	MPN/ml	—	07/25/08 11:53	1895611

Sampling Point: MW-33S

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	> 740	MPN/ml	—	07/25/08 10:56	1895612

Sampling Point: MW-31S

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	> 740	MPN/ml	—	07/25/08 10:55	1895613

Sampling Point: MW-32S

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	410	MPN/ml	—	07/25/08 11:56	1895614

Sampling Point: MW-34S

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	> 740	MPN/ml	—	07/25/08 11:52	1895615

Client Name: Environmental Science

Report #: 208410

Sampling Point: MW-35S

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	> 740	MPN/ml	—	07/25/08 11:56	1895616

Sampling Point: MW-8

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	> 740	MPN/ml	—	07/25/08 10:21	1895617

Sampling Point: RB-02

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	< 2.0	MPN/ml	—	07/25/08 10:22	1895618

Sampling Point: RB-03

PWS ID: Not Supplied

Microbiology									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
—	Heterotrophic Plate Count	SimPlate	—	2.0	< 2.0	MPN/ml	—	07/25/08 10:22	1895619

† UL has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

Reg Limit Type:	MCL	SMCL	AL
Symbol:	*	^	!

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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 August 18, 2008

Report Number: L359463
Samples Received: 07/22/08
Client Project: 6527.29

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

August 18,2008

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

ESC Sample # : L359463-01

Date Received : July 22, 2008
Description : L. E. Carpenter

Site ID : NJ

Sample ID : SW-R-3

Project # : 6527.29

Collected By : EV-SM
Collection Date : 07/21/08 11:53

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Base/Neutral Extractables						
Bis(2-ethylhexyl)phthalate	26.	1.0	ug/l	8270C	08/15/08	1
Surrogate Recovery						
Nitrobenzene-d5	52.9		% Rec.	8270C	08/15/08	1
2-Fluorobiphenyl	66.5		% Rec.	8270C	08/15/08	1
p-Terphenyl-d14	85.0		% Rec.	8270C	08/15/08	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: 08/18/08 17:21 Printed: 08/18/08 17:21

Summary of Remarks For Samples Printed
08/18/08 at 17:21:47

TSR Signing Reports: 044
R5 - Desired TAT

8035 Only! No E's

Sample: L359463-01 Account: RMTGRMI Received: 07/22/08 09:00 Due Date: 08/18/08 00:00 RPT Date: 08/18/08 17:21
Run out of hold per client. Relogged from L356130-07. (Bis(2-ethylhexyl)phthalate only). NJ
Red HAZSITE EDD

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

Grand Rapids, MI 49546

Quality Assurance Report
Level II

L359463

August 18, 2008

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Bis(2-ethylhexyl)phthalate	< .01	ppm	08/15/08 10:53	WG377603

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Bis(2-ethylhexyl)phthalate	ppm	.01	0.00720	72.0	47-143	WG377603

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Bis(2-ethylhexyl)phthalate	ppm	0.0072	0.0072	0.692	24	73	WG377603

Batch number /Run number / Sample number cross reference

WG377603: R448292: L359463-01

* * Calculations are performed prior to rounding of reported values .

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Quality Assurance Report
Level II

L359463

August 18, 2008

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

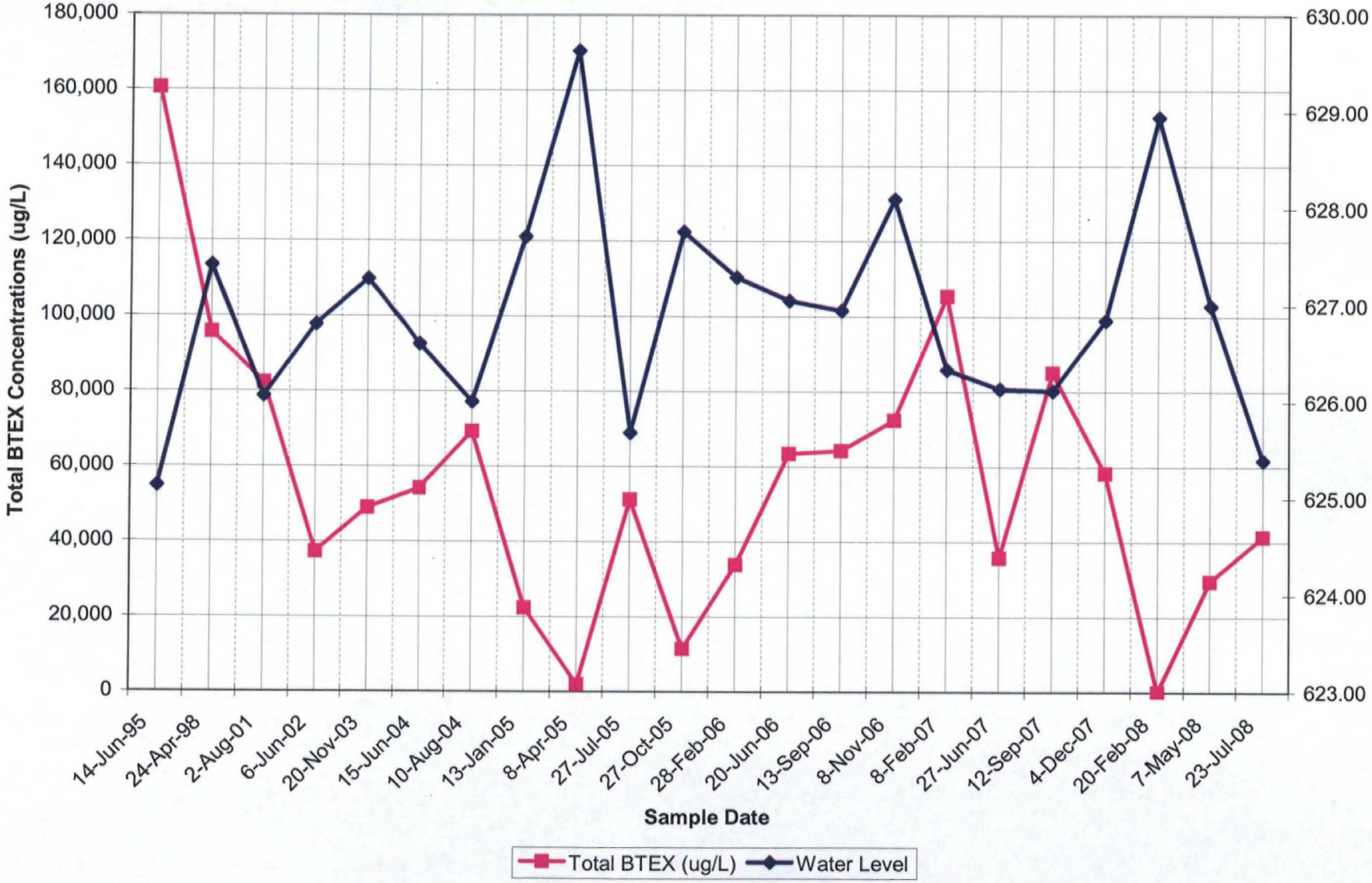
Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

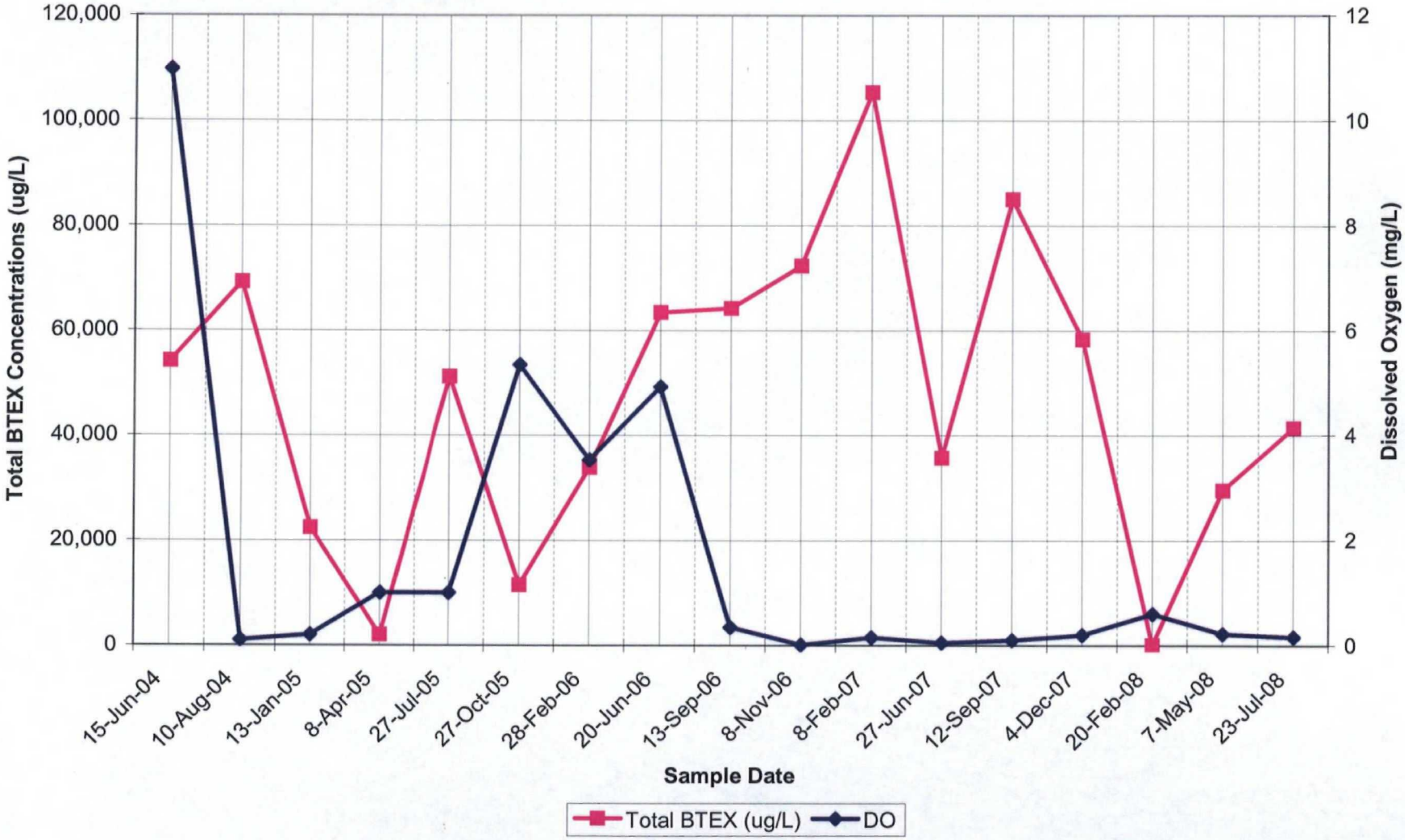
Appendix D
BTEX Concentration Trend Charts

Total BTEX Concentrations vs. Water Levels for MW-19



I:\WPGRM\PJT\00-06527\34\3Q08 Trend Charts.xls 11/5/2008

Total BTEX Concentrations vs. Dissolved Oxygen for MW-19



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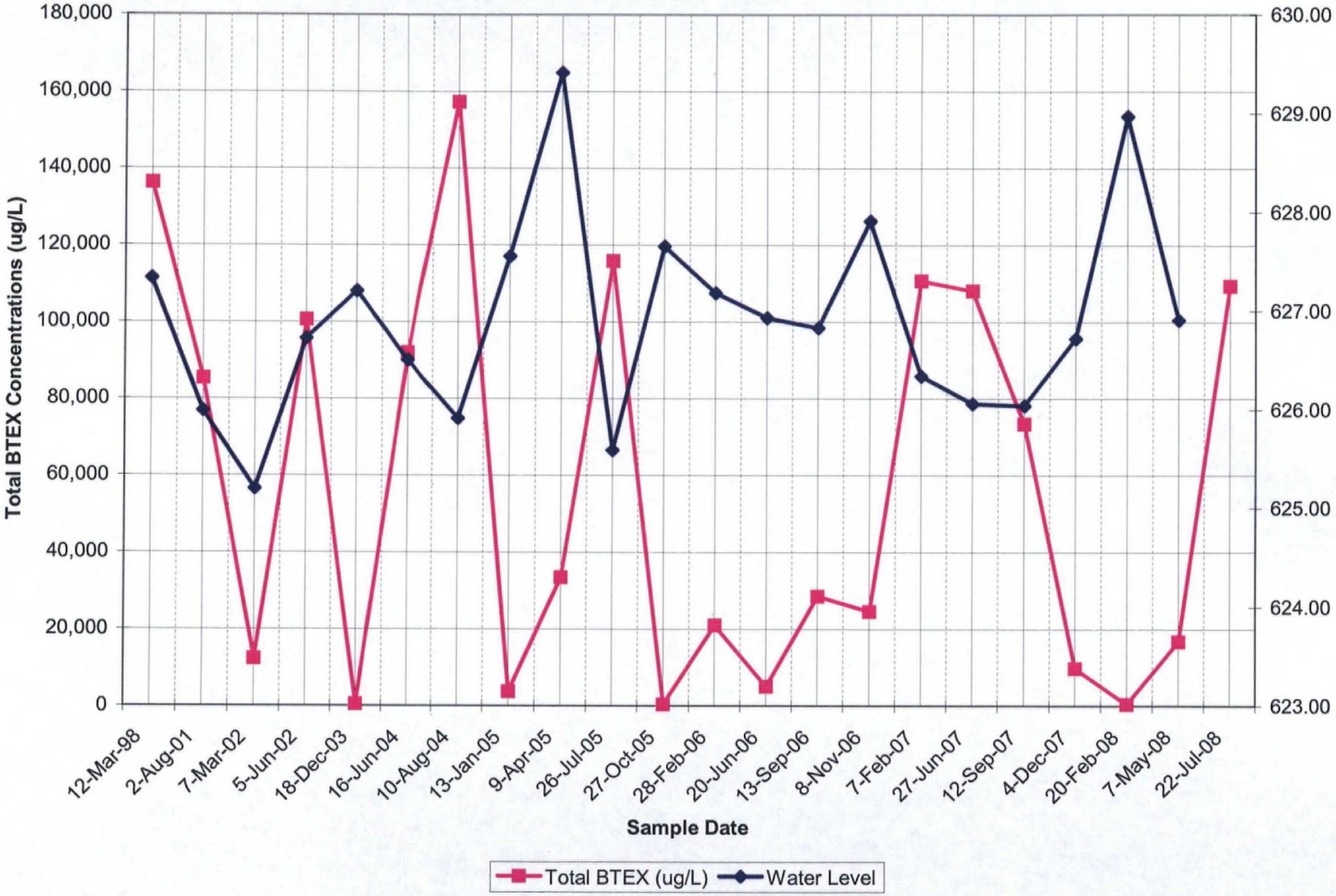
Total BTEX Concentrations vs. Water Levels for MW-19-5



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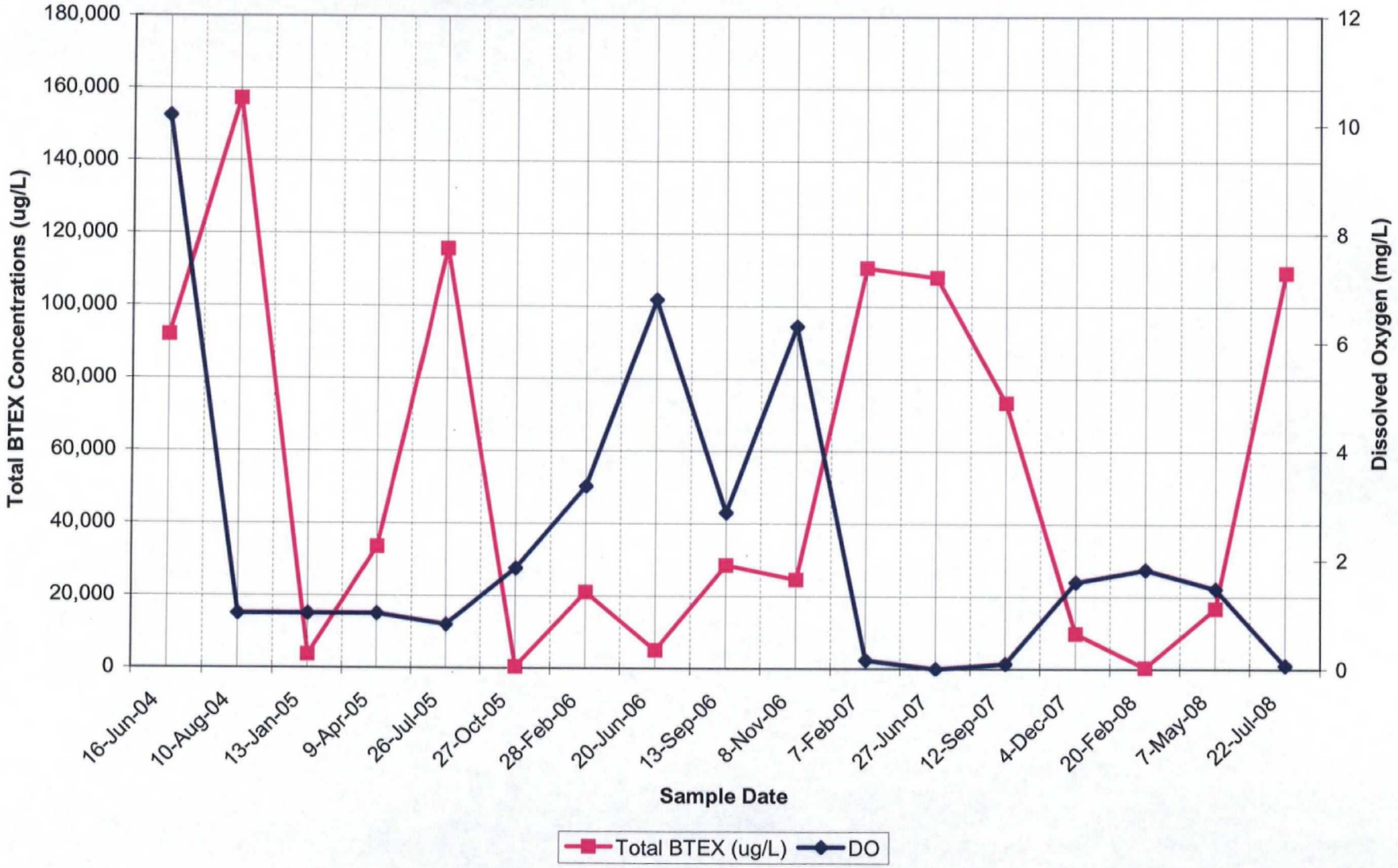
Total BTEX Concentrations vs. Dissolved Oxygen for MW-19-5



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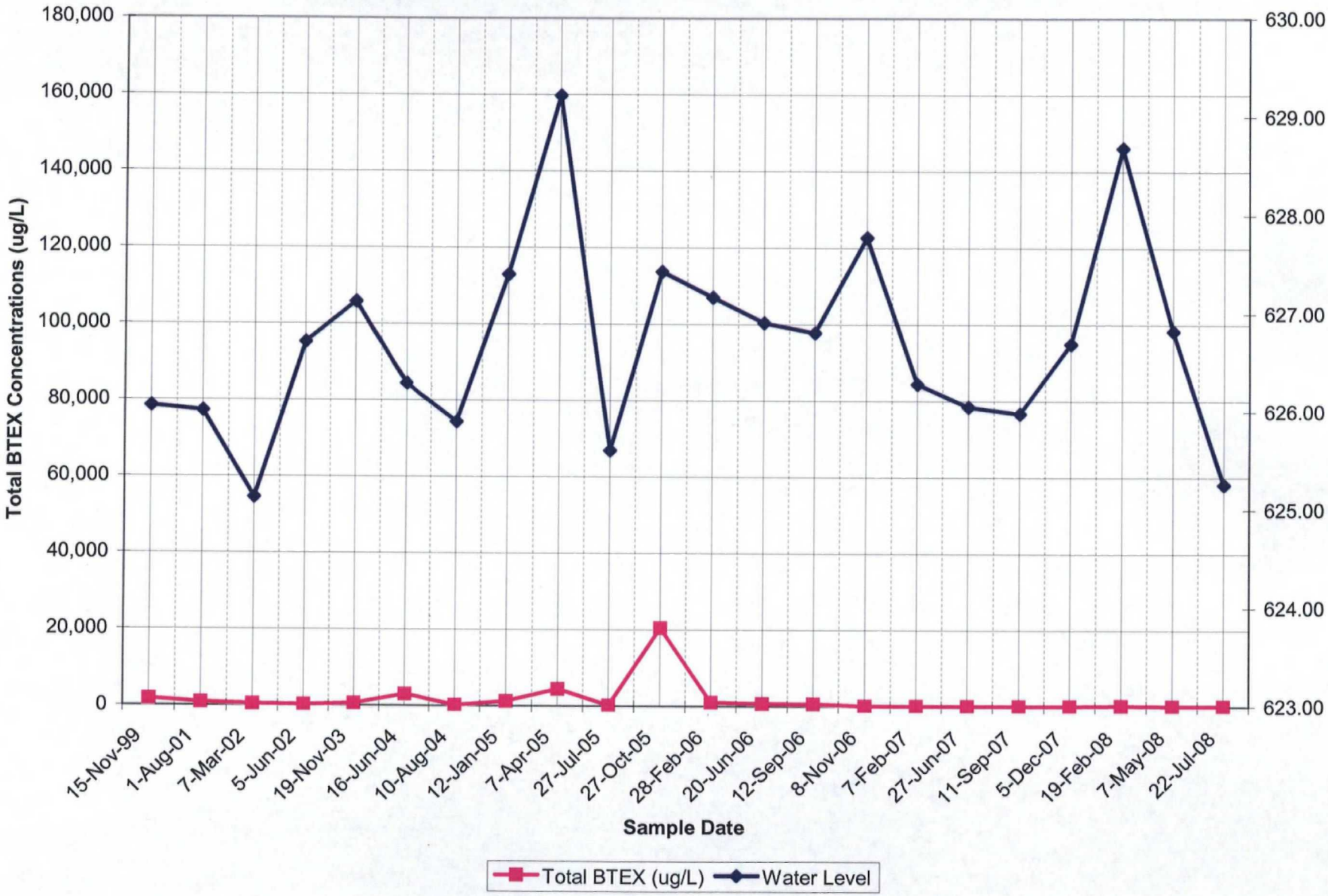
Total BTEX Concentrations vs. Water Levels for MW-19-7



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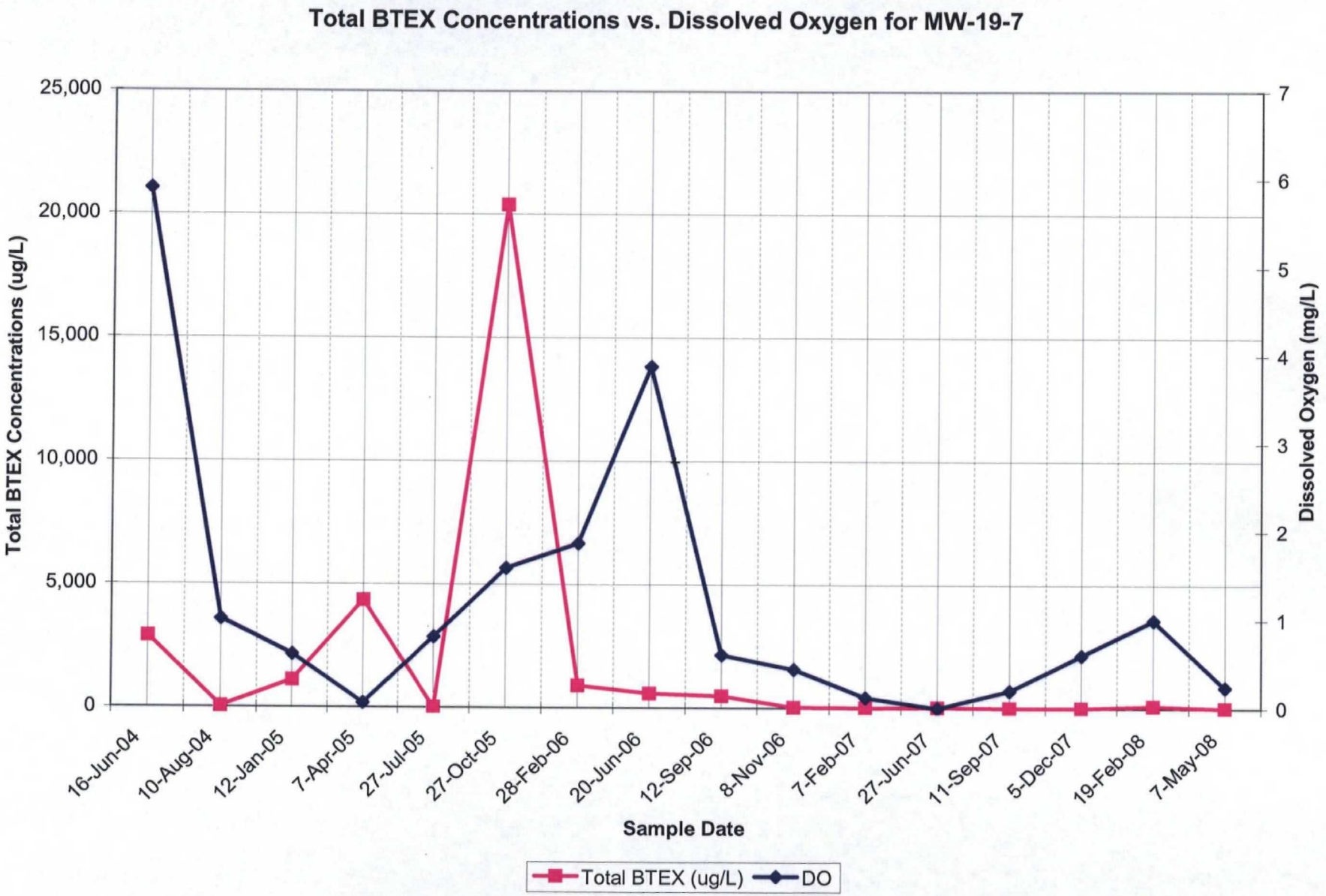


I:\WPGRM\PJT\00-06527\34\3Q08 Trend Charts.xls 11/5/2008

Appendix E
Photographic Summary

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
L.E. Carpenter & Company	Wharton, New Jersey	6527.29

Photo No.	Date
1	July 2008

Description
Standing at the Wetland Area looking West across the Site along the Rockaway River.

Photo No.	Date
2	July 2008

Description
Standing at the Wetland Area looking Northwest across the Site.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
L.E. Carpenter & Company	Wharton, New Jersey	6527.29

Photo No.	Date
3	July 2008

Description
Standing at the Wetland Area looking North across the Site .

Photo No.	Date
4	July 2008

Description
Looking at a new survey monument just West of the Wetland Area.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
L.E. Carpenter & Company	Wharton, New Jersey	6527.29

Photo No.	Date
5	July 2008

Description
Looking Northeast into the Wetland. MW-31s and MW-32s are in the background.

Photo No.	Date
6	2008

Description
Looking Northeast into the Wetland. MW-31s MW-32s, MW-33s and MW-34s are in the background.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
L.E. Carpenter & Company	Wharton, New Jersey	6527.29

Photo No.	Date
7	July 2008

Description
Booms placed in Manufacture's Ditch. Small stake by boom is SW-D-4 sampling and measurement point.

Photo No.	Date
8	July 2008

Description
Booms placed in wetland just west of SW-R-1.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
L.E. Carpenter & Company	Wharton, New Jersey	6527.29

Photo No.	Date
9	July 2008

Description
Stagnant algae covered Manufacture's Ditch. At SW-D-3 looking Southwest towards SW-D-2.

Photo No.	Date
10	July 2008

Description
The Manufacture's Ditch after a rain with much less algae growth. Looking North from SW-D-4.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
L.E. Carpenter & Company	Wharton, New Jersey	6527.29

Photo No.	Date
11	July 2008

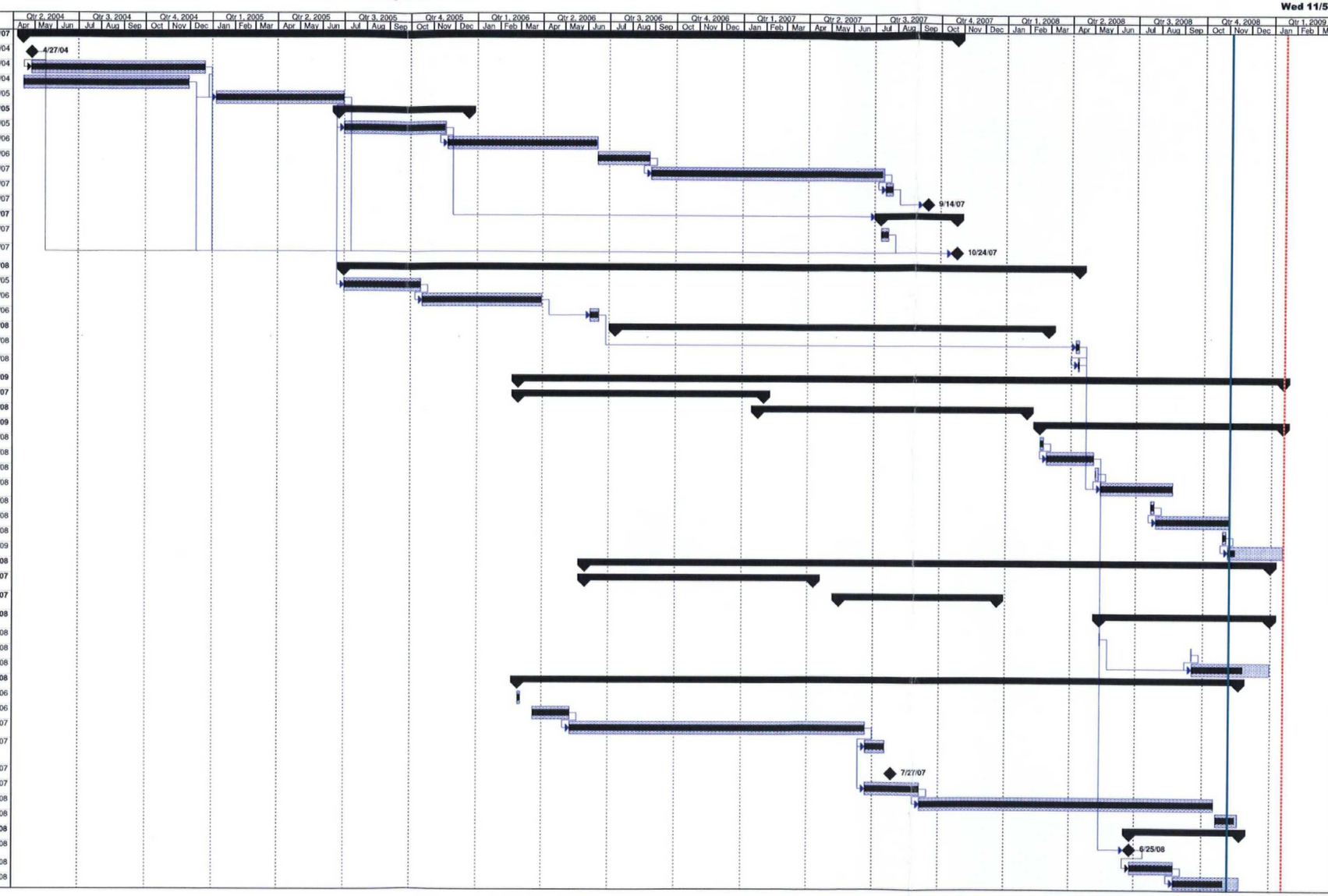
Description
Showing locked entrance gate and No Trespassing sign, after site work is complete.

Photo No.	Date
12	July 2008

Description
Asphalt covering MW-19-11.

Appendix F
Project Schedule

ID		Task Name	Duration	Start	Finish
1		**SOURCE REDUCTION**	**918 days**	**Fri 4/16/04**	**Wed 10/24/07**
2		Submit the RAWP for Source Reduction	0 days	Tue 4/27/04	Tue 4/27/04
3	✓	Regulatory review and approval of RAWP	171 days	Tue 4/27/04	Tue 12/21/04
4	✓	Finalize preconstruction permitting issues	162 days	Fri 4/16/04	Mon 11/29/04
5	✓	Source Reduction Remedial Action [Field Construction]	126 days	Thu 1/6/05	Thu 6/30/05
6	✓	**2005 Wetland Area Post Source Reduction Mitigation & Reporting**	**128 days**	**Fri 6/24/05**	**Tue 12/20/05**
10		Prepare and submit the Source Reduction Remedial Action Report (RAR)	101 days	Fri 7/1/05	Fri 11/18/05
11		Regulatory review and comment on RAR	148 days	Mon 11/21/05	Wed 6/14/06
12		RMT response to 6/14/06 regulatory RAR comments	52 days	Thu 6/15/06	Fri 8/25/06
13		Regulatory review of 8/25/06 RAR response to comments	230 days	Mon 8/28/06	Fri 7/13/07
14		RMT response to 7/13/07 NJDEP email on RAR comments	8 days	Mon 7/16/07	Wed 7/25/07
15		Regulatory approval of RAR and 6/14/06, 8/25/06 and 7/13/07 comments	0 days	Fri 9/14/07	Fri 9/14/07
16		**USEPA Source Reduction Explanation of Significant Difference [ESD]**	**76 days**	**Tue 7/10/07**	**Wed 10/24/07**
17	✓	Conversations with and response to USEPA [Michelle Granger] ESD emails dated July 10 and July 13 2007	8 days	Tue 7/10/07	Thu 7/19/07
18		USEPA issues an ESD for soils and free product addressed through implementation of the Source Reduction	0 days	Wed 10/24/07	Wed 10/24/07
19		**Post Remedial Monitoring Plan [PRMP] IMPLEMENTATION**	**726 days**	**Fri 7/1/05**	**Sat 4/12/08**
20	✓	Preparation and submittal of the PRMP	76 days	Fri 7/1/05	Fri 10/14/05
21	✓	NJDEP/USEPA PRMP review and comment period	119 days	Mon 10/17/05	Thu 3/30/06
22	✓	Partial Field Implementation and Documentation of the PRMP	10 days	Mon 6/5/06	Fri 6/16/06
23		**NJDEP LURP Mounded Monitoring Well Installation Permitting**	**430 days**	**Mon 7/10/06**	**Fri 2/29/08**
113	✓	Install the Five (5) Mounded Wetland PRMP Monitoring Wells (MW-31S - MW-35S)	5 days	Mon 4/7/08	Fri 4/11/08
114	✓	PRMP Implementation Wetland Restoration Activities [Mounds and Disturbed Areas]	2 edays	Thu 4/10/08	Sat 4/12/08
115		**QUARTERLY MONITORING AND REPORTING**	**755 days**	**Mon 2/27/06**	**Fri 1/16/09**
116	✓	**2006 Monitoring and Reporting**	**242 days**	**Mon 2/27/06**	**Tue 1/30/07**
125		**2007 Monitoring and Reporting**	**267 days**	**Tue 1/23/07**	**Wed 1/30/08**
135		**2008 Monitoring and Reporting**	**240 days**	**Mon 2/18/08**	**Fri 1/16/09**
136	✓	Conduct 1Q08 Monitoring Event	5 days	Mon 2/18/08	Fri 2/22/08
137	✓	Prepare and Submit 1Q08 Remedial Action Progress Report	48 days	Wed 2/27/08	Fri 5/2/08
138	✓	Conduct 2Q08 Monitoring Event	5 days	Mon 5/5/08	Fri 5/9/08
139	✓	Prepare and Submit 2Q08 Remedial Action Progress Report [Includes PRMP Implementation]	72 days	Mon 5/12/08	Tue 8/19/08
140	✓	Conduct 3Q08 Monitoring Event	5 days	Mon 7/21/08	Fri 7/25/08
141	✓	Prepare and Submit 3Q08 Remedial Action Progress Report	73 days	Mon 7/28/08	Wed 11/5/08
142	✓	Conduct 4Q08 Monitoring Event	5 days	Mon 10/27/08	Fri 10/31/08
143		Submit 4Q08 Remedial Action Progress Report	55 days	Mon 11/3/08	Fri 1/16/09
144		**WETLAND AREA [WHARTON ENTERPRISES] MONITORING AND REPORTING**	**676 days**	**Tue 5/30/06**	**Tue 12/30/08**
145	✓	**2006 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**225 days**	**Tue 5/30/06**	**Mon 4/9/07**
151	✓	**2007 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**158 days**	**Tue 5/15/07**	**Thu 12/20/07**
156		**2008 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**167 days**	**Mon 5/12/08**	**Tue 12/30/08**
157		Spring 2008 Monitoring & Invasive Species Control Event	1 day	Mon 5/12/08	Mon 5/12/08
158		Fall 2008 Monitoring and Invasive Species Control Event	1 day	Mon 9/15/08	Mon 9/15/08
159		2008 Annual Wetland Monitoring Report Preparation and Submittal	76 days	Tue 9/16/08	Tue 12/30/08
160		**MW19/HOT SPOT 1 AREA**	**712 days**	**Mon 2/27/06**	**Wed 11/19/08**
161	✓	MW19/Hot Spot 1 Soil Gas Investigation	4 days	Mon 2/27/06	Thu 3/2/06
162	✓	Prepare and submit the MW19/Hot Spot 1 Soil Gas Investigation Report	37 days	Mon 3/20/06	Tue 5/9/06
163	✓	Regulatory review and comment on MW19/Hot Spot 1 Soil Gas Investigation Report	291 days	Wed 5/10/06	Wed 6/20/07
164	✓	Prepare and Submit RMT Response Document [45-Day Extension Request] [MW-19/Hot Spot 1 Soil Gas Investigation Comments/NOD] dated June 20, 2007	19 days	Thu 6/21/07	Tue 7/17/07
165		Regulatory approval of the 45-Day RASR extension	0 days	Fri 7/27/07	Fri 7/27/07
166	✓	Evaluate Remedial Alternatives, Prepare and Submit the RASR	54 days	Thu 6/21/07	Tue 9/4/07
167	✓	NOD Oct 16, 2008 [NJDEP Review of the RASR]	292 days	Wed 9/5/07	Thu 10/16/08
168		Respond to NOD [Prepare RIW]	30 edays	Mon 10/20/08	Wed 11/19/08
169		**SOURCE AREA GROUNDWATER INVESTIGATION**	**108 days**	**Wed 6/25/08**	**Sat 11/22/08**
170		Receive NJDEP/USEPA Comment Letter post review of 2Q06 through 1Q08 RAPRs requiring preparation of the Remedial Investigation Workplan (RIW)	0 days	Wed 6/25/08	Wed 6/25/08
171	✓	RIW Preparation	60 edays	Wed 6/25/08	Sun 8/24/08
172		NJDEP & USEPA RIW Review Period	90 edays	Sun 8/24/08	Sat 11/22/08



Wed 11/5/08

Task | Split | Progress | Milestone | Summary | Rolled Up Task | Rolled Up Split | Rolled Up Milestone | Rolled Up Progress | External Tasks | Project Summary | External Milestone | Deadline

edays: elapsed days or calendar days