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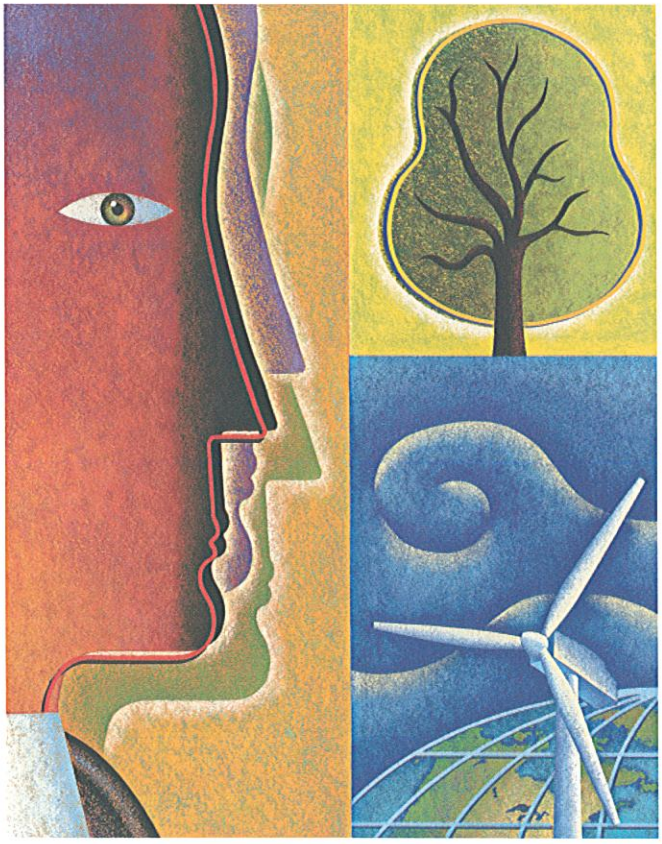
Quarterly Monitoring Report 2nd Quarter 2010

Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey

USEPA ID No. NJD002168748

August 2010



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Section 1
Introduction and Summary

RMT, Inc. (RMT), on behalf of our client, has prepared this Quarterly Monitoring Report (QMR) for the Dayco Corporation/L.E. Carpenter (LEC) Superfund Site ("Site") located at 170 North Main Street, Borough of Wharton, Morris County, New Jersey (Figure 1). Quarterly monitoring events are performed, and associated progress reports completed and submitted to the United States Environmental Protection Agency (USEPA), to comply with paragraph 49 of the 2009 Unilateral Administrative Order (UAO) issued to LEC by the USEPA (effective August 6, 2009). We provide a summary of activities completed during the second quarter of 2010 (2Q10), including but not limited to: (1) continued quarterly Contaminant of Concern (COC) groundwater monitoring of both the MW19/Hot Spot 1 (MW19HS1) and MW-30 areas of concern (AOCs), (2) continued quarterly Monitored Natural Attenuation (MNA) groundwater monitoring of the MW-30 AOC, (3) surface water quality assessments of the drainage ditch and Rockaway River, and (4) hydrogeologic and hydrologic assessments of shallow site groundwater and adjacent surface water bodies.

RMT conducted the following tasks during 2Q10:

- Quarterly groundwater and surface water monitoring within the MW19HS1 area, the MW-30 area, the eastern wetland area (Wharton Enterprise property), and adjacent surface water bodies (*i.e.*, Rockaway River and Air Products drainage ditch) as required under the 2009 UAO, and as described in the Post Remedial Monitoring Plan (PRMP) and other regulatory correspondence (Reference Sections 2, 3, 4, and 5 below; and Tables 1 -5).

Discussion of these activities is provided in the referenced sections. Specific results for each of the three (3) monitored AOCs are summarized as follows:

- MW19HS1: Although intrinsic bioremediation processes were documented to be strong in the MW19HS1 area, and that groundwater contamination was reducing over time within a small limited on-site area, LEC agreed to perform a more robust remediation of residual source material found as a result of several Site investigations and groundwater monitoring events. Data from these investigations and monitoring events were used to prepare an Addendum to the USEPA approved Remedial Action Work Plan (RAWP) that was submitted on September 3, 2009 (Note: the original RAWP was prepared by RMT and submitted in April 2004, and following a comment and response period was approved on December 21, 2004). USEPA provided comments on the Addendum to the RAWP in an email dated December 21, 2009. Responses to the MW19HS1 specific comments were submitted by RMT to USEPA on December 29, 2009 and approved by USEPA in their email dated December 30, 2009. Implementation of the MW19HS1 area investigation and

remediation began on January 11, 2010 and was completed in mid-April 2010. Documentation of the event was included in the Addendum to the Remedial Action Report (RAR) Source Reduction, submitted on July 19, 2010, along with a proposed post remedial monitoring plan (*i.e.*, monitoring well installation, soil gas sampling, and groundwater quality analysis).

- MW-30 Area of Concern: Shallow groundwater flow in the MW-30 area is similar to flow that occurred before the 2005 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 appears to be limited in extent and occurs mainly within and near the edges of the source reduction area. 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 MW-30 PRMP monitoring locations in 2Q10.

  A scope of work to further evaluate the source of dissolved groundwater contamination in this area was presented in RMT's September 3, 2009 Addendum to the USEPA approved RAWP. USEPA provided comments on the Addendum to the RAWP in an email dated December 21, 2009. Responses to the MW-30 area specific comments were submitted to the USEPA on February 1, 2010 and approved by USEPA in their email dated February 22, 2010. LEC anticipates initiating the remedial investigation and dissolved phase remedial pilot work in the MW-30 area shortly after the requisite NJDEP Division of Land Use Regulation (DLUR) permits have been received (see Section 6.1 below). At present, NJDEP DLUR permit approval is anticipated in early September 2010.

- Surface Water: All Rockaway River samples show non-detect for all COCs, with the exception of SW-R-1 and SW-R-2 which had detections of ethylbenzene and total xylenes slightly above background concentrations. Background surface water concentrations at the Site are the current detection limits or concentrations at monitoring location SW-D-6. Surface water samples from the Air Products drainage ditch show ethylbenzene and total xylenes above the background at SW-D-2 and SW-D-4 only. Bis (2-ethylhexyl) phthalate (DEHP), benzene, and toluene were not detected at any surface water monitoring locations in the drainage ditch.

Section 2
Groundwater Elevations and Sampling Methodology

2.1 Groundwater Elevations and Shallow Groundwater Flow Direction

RMT measured static groundwater levels within 29 groundwater monitoring wells throughout the Site on April 19, 2010 as part of the sampling activities. As described in the 4Q09 QMR, twelve (12) monitoring wells in the MW19HS1 area were abandoned between October 13 and 15, 2009 in preparation for the demolition of Building 9 which occurred in December 2009, and the MW19HS1 area soil remediation which was completed between the dates of January 11, 2010 and April 23, 2010. Additional details are provided in Section 3.1.

In addition, surface water levels were measured at 8 separate locations along the Rockaway River and 5 locations along the drainage ditch. These data were used to calculate groundwater elevations (Table 1) with respect to the National Geodetic Vertical Datum (NGVD), and evaluate the site-wide groundwater flow pattern in the shallow aquifer system. 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 PRMP wells, existing Site wells, and river and ditch surface water elevations (Table 1).

2.1.1 MW19HS1 AOC

As historically observed, shallow groundwater in the MW19HS1 area is generally toward the northeast. Groundwater elevation data previously obtained for the MW19HS1 area wells has continuously shown that MW-19-12 is directly downgradient from the leading edge of residual groundwater contamination. The Rockaway Valley Regional Sewer Authority (RVRSA) storm sewer line that runs west to east down Ross Street locally influences groundwater flow north and south of the utility corridor.

2.1.2 MW-30 AOC

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). The groundwater contour map also shows that the effect of the buried slurry monolith on groundwater flow is limited in extent, mainly within and along the edges of the Source Reduction 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 627-foot groundwater contours roughly mimic the shape of that swale. The presence of the monolith does not change the overall horizontal components of flow direction.

Surface water elevation data for the man-made drainage ditch is consistent with its current configuration as a U-shaped pond formed as a result of a downstream beaver dam (Figures 2 and 3). As shown by the flow arrows on Figure 3, the bulk of the shallow groundwater on-site becomes influent to the ditch surface water; this flow-path is supported by the occasional low detections of Site COCs in some of the ditch surface water samples (see Section 5).

Again as shown by a groundwater flow arrow on Figure 3, a smaller area of the Site beginning near MW-9 where the river is a "losing" stretch, hosts groundwater that flows towards and along the southeastern portion of the source reduction area and part-way into the wetland, and thence towards the river near MW-35S.

Further downgradient (further into the wetland area to the east), groundwater is mounded slightly and flows north into the ditch system, west back towards the PCB/source reduction area, and south to the river.

These flow paths are supported by groundwater testing data. Specifically, relatively high levels of contamination found in wells MW-32S, 34S, and 35S support the flow path from the impacted western end of the wetland and eastern end of the source reduction excavation area and towards the river. Similarly, a lack of detectable constituents within wells MW-21 and MW-25R support the flow path from the eastern part of the wetland located further east (just west and south of the drainage ditch) back towards the western part of the wetland (impacted portion) and thence southwards towards the river.

This condition has remained relatively consistent over the period of remedial investigations that have been conducted on-site (minor fluctuations in the amount of flow that occurs into the ditch versus the river at the west end of the wetland area is a function of seasonal changes in rainfall infiltration and river water levels). These data show that contaminant migration will not occur further east. Finally, another line of evidence that shows eastern migration of contaminants is limited is that fact that the construction of the regional sewer line did not encounter contamination until its construction had progressed from east to west to the western end shown on Figure 3 (effectively stopping further eastward advancement of the sewer line in the wetland area, and causing it to be re-routed further north where it now occurs under Ross Street).

2.2 Sampling Methodology

RMT conducted the 2Q10 groundwater monitoring activities April 19through 22, 2010. 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.

Two sample duplicates, three trip blanks, a field (atmosphere) blank, one matrix spike/matrix spike duplicates (MS/MSDs), and two 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 blind duplicate samples were collected at SW-D-2 (Dup-01) and MW-30(s) (Dup-02) and analyzed for BTEX and DEHP. Dup-02 was also analyzed for MNA parameters. Rinsate blank RB-01 and RB-02 were collected by circulating distilled water through the cleaned bladder pump assemblies to verify that decontamination procedures were adequate. 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 Trace Analytical Laboratories, Inc (Trace), located in Muskegon, Michigan for BTEX, DEHP, and MNA parameter analyses (State of New Jersey Lab Certification No. MI008).

Section 3
MW-19/Hot Spot 1 Area of Concern (AOC)

A comprehensive investigative and remedial history of the MW19HS1 AOC is presented in the 4th Quarter 2007 Remedial Action Progress Report (RAPR). As outlined in the 4Q07 RAPR, the MW19HS1 AOC has been under investigation since the early 1980s. Activities began with subsurface investigation and subsequent removal of two underground storage tanks (USTs) that provided bulk liquid waste storage for former operations in Building 9. Long-term monitoring and investigation of groundwater quality within the area, and a soil gas (2006) investigation, showed that naturally occurring biodegradation is occurring, resulting in a stable dissolved phase "plume" that is slowly shrinking over time, and does not pose a risk to the residences on the north side of Ross Street.

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

LEC, USEPA, and RMT developed a Statement of Work (SOW) for concurrent implementation of the MW19HS1 area investigation and remediation, focusing the remedial alternative for this area on soil excavation only, without an additional polishing step. This approach was detailed in the September 3, 2009 Addendum to the USEPA approved RAWP. USEPA provided comments on the Addendum to the RAWP in an email dated December 21, 2009. Responses to the MW19HS1 specific comments were submitted by RMT to USEPA on December 29, 2009 and approved by USEPA in their email dated December 30, 2009. Implementation of the MW19HS1 area investigation and remediation began on January 11, 2010 and was substantially complete

by April 23, 2010. Documentation of the remedial action was included in the Addendum to the RAR, submitted on July 19, 2010.

3.1 MW19HS1 Post-Remedial Performance Monitoring

A post-remedial groundwater monitoring well network was proposed to USEPA for approval in the July 2010 Addendum to the RAR. The new groundwater monitoring wells will be installed following receipt of USEPA's approval. The groundwater elevations and analytical data from these new wells, combined with the data from the two remaining wells, will then be utilized to create the MW19HS1 shallow groundwater contours and evaluate flow direction and post remedial groundwater quality.

3.2 Delineation of Groundwater Contamination

3.2.1 Site Contaminants of Concern (COCs)

RMT sampled groundwater from the remaining groundwater monitoring well MW-19-12 on April 20, 2010. As shown on Table 2, and consistent with historical results, the ground water sample collected from MW-19-12 did not contain any detectable concentrations of BTEX or DEHP. Corresponding field sampling data and analytical laboratory reports are presented in Appendix A and Appendix B, respectively.

During the second quarter of 2006 (2Q06), MW-19-12 was installed between former groundwater monitoring wells 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 in previous groundwater quarterly monitoring reports, data continues to show that MW-19-12 is downgradient of the former MW-19-7. In fact, the "plume" of dissolved phase constituents of concern has shrunk, as no exceedences of C2A NJGWQS have occurred in either MW-19-7 or MW-19-12 since February 2007.

As discussed in prior quarterly groundwater monitoring reports, the lack of downward migration of COCs is evidenced by historical groundwater elevation data that shows consistent upward vertical hydraulic gradients in the MW19HS1 area and in all other former and existing deep/shallow well clusters across the Site. Site-wide upward hydraulic gradients would be expected because of the regional hydrogeologic features; specifically the upward gradient is a function of the regional groundwater discharge to the Rockaway River system. The Washington Forge Pond (at an elevation of approximately 640 feet) and the Rockaway River act as constant head boundaries, and together comprise a regional aquifer discharge area. A historical lack of detectable

constituents in MW-19-9D further verifies that LNAPL constituents are attenuated and hence are not migrating to residences along the north side of Ross Street.

3.2.2 MNA Parameters and Data Analysis

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 more than 80% of those sites (Wiedemeier, 1997). As discussed in prior quarterly groundwater monitoring reports, intrinsic bioremediation in the MW19HS1 AOC had been strong and was actively working to break down BTEX components related to the residual soil contamination.

A new groundwater monitoring well network and monitoring program was proposed in the July 2010 Addendum to the RAR. No additional testing of MNA parameters will occur in this area until the new well network has been installed. Because of the strong MNA documented above and in previous reports, RMT anticipates that any remaining contaminants dissolved in groundwater will attenuate much more rapidly.

Section 4
MW-30 Area of Concern (AOC)

The 2005 source reduction was implemented to remove as much of the free-product mass as possible. It was anticipated that some dissolved-phase contamination would remain in groundwater following the source reduction, and that residual groundwater contamination was to be addressed as part of a formal ROD amendment. The 2005 source reduction was a success in that no free product has been measured within the source reduction area since completion of that work and implementation of the PRMP. Residual contamination is being monitored and addressed as described below. A photographic summary of the Site is included in Appendix C.

The analytical results from all monitoring events are summarized in Tables 2 through 5. The shallow wells that lie within the central (MW-28 cluster) and downgradient (MW-30 cluster) portions of the source reduction area both have screens that were placed below the slurry monolith. At both locations, intermediate monitoring wells MW-28i and MW-30i were installed 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 2Q10 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). Benzene and toluene have not been detected in the MW-28 well cluster since 4Q06. Ethylbenzene and xylenes were detected in both MW-28s and MW-28i; however, the concentrations appear to be generally decreasing over time and no BTEX constituents are present at levels that exceed current C2A NJGWQS. Dissolved DEHP concentrations continue to fluctuate at both MW-28s and MW-28i; however, the overall trend of DEHP concentration appears to be downward.

Site COCs also continue to be found dissolved in groundwater from source reduction area downgradient well MW-30s. However, only DEHP remains above C2A NJGWQS; all BTEX concentrations have been either non-detect or below C2A NJGWQS for the last seven sampling events. The concentration of DEHP in well MW-30s, while fluctuating somewhat from quarter to quarter, appears to be trending downward. Since 1Q08, no Site COCs have been detected in well MW-30d. During the 2Q10 sampling event ethylbenzene and total xylenes were detected, just slightly above the detection limit in MW-30i. 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).

As part of the 2Q10 sampling event, RMT also sampled the five (5) wetland area wells (MW-31s, MW-32s, MW-33s, MW-34s, and MW-35s) for groundwater quality. The location of these wells, with respect to the source reduction and wetland areas, are shown on Figures 2 & 3; all of these wells are located outside of and downgradient from the source reduction excavation area.

During 2Q10, groundwater samples collected from all of the wetland area wells had concentrations of DEHP above the higher of the C2A NJGWQS and PQL. Groundwater samples collected from MW-31s, MW-32s, MW-34s, and MW-35s also contained concentrations of benzene, ethylbenzene and total xylenes above the higher of the C2A NJGWQS and PQL (Table 2) (Figure 4). 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 described in the September 3, 2009 Addendum to the USEPA approved RAWP. The Addendum focuses on characterization and gathering data that will be used to develop a means to prevent further discharge of groundwater contamination into the ditch and Rockaway River.

Section 5
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 (FW2-TM(C1); ref. Surface Water Quality Standard Reference: N.J.A.C 7:9B-1.15 (e), Table 3 January 2010; (Dover) - Washington Pond outlet downstream to Rt. 46 bridge). In N.J.A.C. 7:9B-1.4, "Category one waters" means those waters designated in the tables in N.J.A.C. 7:9B-1.15(c) through (g), for purposes of implementing the antidegradation policies set forth at N.J.A.C. 7:9B-1.5(d), for protection from measurable changes in water quality based on exceptional ecological significance, exceptional recreational significance, exceptional water supply significance, or exceptional fisheries resource(s) to protect their aesthetic value (color, clarity, scenic setting) and ecological integrity (habitat, water quality, and biological functions). As such, RMT compared Site COC concentrations detected in the drainage ditch and Rockaway River samples against background concentrations found in upgradient sample SW-R-6, collected below the Washington Forge Pond dam, at the upgradient end of the Site.

5.1 Eastern Drainage Channel

As part of the 2Q10 event, RMT sampled five (5) points (SW-D-1, SW-D-2, SW-D-3, SW-D-4, and SW-D-5) 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.

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, benzene, and toluene were not detected at any surface water monitoring locations in the ditch. Ethylbenzene and total xylenes were detected slightly above the detection limit in samples collected from SW-D-2 and were detected above the NJSWQC at SW-D-4. Migration of Site COCs into the ditch environment will be addressed during the upcoming on-site investigations that are included in the USEPA approved September 2009 Addendum to the approved 2004 Remedial Action Workplan.

5.2 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).

Rockaway River samples collected at SW-R-1 and SW-R-2 contained low level concentrations of ethylbenzene and total xylenes, just above the detection limit and therefore, the applicable background standards. Benzene, toluene, and DEHP were not detected in either surface water samples. .

Site COCs were not detected in surface water samples SW-R-3, SW-R-4 or SW-R-5.

River sample SW-R-6 was taken just downstream of the Washington Forge Pond dam. Due to regulatory comments in an email dated December 21, 2009, this location now serves as the background monitoring location for the Site. Surface water samples SW-R-1 through SW-R-4, are compared to the results of SW-R-6, per N.J.A.C. 7:9B-1.5 (d) 6iii. Site COCs were not detected in the surface water sample SW-R-6.

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 surface water discharge point from the ditch/beaver pond into the Rockaway River. Similar to the other river samples collected, Site COCs were not detected in the "Ditch-River Confluence" sample DRC-2.

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 QAPP.

Section 6
Additional and Future Project Activities

LEC, USEPA and RMT designed a SOW to accompany the UAO. Both the UAO and associated SOW were executed in August 2009. The following sections briefly outline continuing UAO and SOW required activities anticipated for completion over the next three to six months. An updated Master Project Schedule is presented in Appendix D.

6.1 General and Administrative Site Scope and Tasks

- The annual congressional (Congressman Frelinghuysen) Site visit, as part of his visit to multiple Superfund sites in his district, was tentatively scheduled to occur on August 10, 2010. This visit was later postponed by the Congressman and has not yet been rescheduled.
- Finalize the Community Involvement Plan (CIP)
- Finalize the Revised Remedial Action Work Plan (RAWP) Addendum and associated UFP compliant QAPP

6.2 Individual Areas of Concern (AOCs) Scopes and Tasks

6.2.1 MW-30 Area of Concern

- Remedial investigation and pilot testing activities outlined in the USEPA approved RAWP Addendum are anticipated to begin in September/October 2010, following approval and receipt of the Flood Hazard Area Permit from the NJDEP DLUR.

6.2.2 MW19/Hot Spot 1 Area of Concern

- Install the proposed post remedial performance monitoring well network following USEPA approval of the RAR Addendum submitted in July 2010. Soil gas sampling will be conducted, in accordance with USEPA's 2002 Vapor Intrusion Guidance, at each monitoring well location prior to drilling and installing the new monitoring well.
- Hydroseed overspray #2 and removal of silt fence in the stockpile area adjacent to the MW19HS1 soil excavation in fall 2010 when weather conditions are more conducive for seed germination.
- Further evaluation into the management of the remaining stockpiled crushed concrete located east of the rails-to-trails.

- Abandon monitoring wells MW-18S and MW-18 I in preparation for the Morris County's North Main Street extension project.

6.3 Wetland Monitoring, Invasive Species Control, and Reporting

The 2009 Compensatory Mitigation Monitoring Report was submitted on December 28, 2009. 2009 is considered the fifth and final growing season where semiannual monitoring and reporting is required by the 2005 GP-4 wetlands permit. However, as outlined in the report, annual monitoring and invasive species control events will continue on a semi-annual basis as required by permit conditions until agency sign-off is obtained. Additional wetland restoration, monitoring and reporting issues were addressed in the Addendum to the USEPA approved Remedial Action Work Plan (RMT, April 2004), submitted September 3, 2009. USEPA provided comments on the Addendum to the RAWP in an email dated December 21, 2009. Responses to the MW-30 area specific comments were submitted to the USEPA on February 1, 2010 and approved by USEPA in their email dated February 22, 2010.

The spring wetland monitoring and invasive species control events was completed in May 2010. The fall 2010 event is tentatively scheduled for September 2010.

Tables

TABLE 1
Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Elevations

2nd Quarter 2010

WELL LOCATION	MONITORING DEVICE TYPE	PROFESSIONAL SURVEY INFORMATION (2)							QUARTERLY MEASUREMENT INFORMATION						
		BASELINE LOCATION (FT) NJ State Plane Coordinates		GEODETIC LOCATION		ELEVATION (FT. MSL)									
		(Y) North	(X) East	LATITUDE	LONGITUDE	GROUND (6)	OUTER CASING	INNER WELL CASING	MEAS. DATE	PRODUCT DEPTH	WATER DEPTH	PRODUCT ELEVATION	WATER ELEVATION	PRODUCT THICKNESS (FT)	CORRECTED WATER ELEVATION
GEI-2I	Piezometer	754573.99	470499.76	40^0 54' 17.4"	74^0 34' 43.1"	635.32	637.75	637.60	Abandoned October 13, 2009						
GEI-2S	Piezometer	754566	470506.18	40^0 54' 17.3"	74^0 34' 43.0"	634.86	637.27	637.07	Abandoned October 13, 2009						
GEI-3I	Piezometer	754311.79	470453.7	40^0 54' 14.8"	74^0 34' 43.7"	636.96	639.39	639.25	19-Apr-10		11.27	--	627.98		
MW-8	Monitoring Well	754099.29	471251.06	40^0 54' 12.7"	74^0 34' 33.3"	627.39	629.96	628.19	19-Apr-10		2.54	--	625.65		
MW-9	Monitoring Well	754075.94	471111.03	40^0 54' 12.5"	74^0 34' 35.1"	628.61	631.09	629.58	19-Apr-10		3.22	--	626.36		
MW-12S(R)	Monitoring Well	754055.97	471042.34	40^0 54' 12.3"	74^0 34' 35.9"	631.57	634.26	633.73	19-Apr-10		7.38	--	626.35		
MW-13S	Monitoring Well	754353.97	471370.04	40^0 54' 15.3"	74^0 34' 31.7"	627.74	630.80	630.63	19-Apr-10		4.82	--	625.81		
MW-13S(R)	Monitoring Well	754333.07	471365.71	40^0 54' 15.0"	74^0 34' 31.8"	627.66	630.36	629.99	19-Apr-10		3.67	--	626.32		
MW-13I	Monitoring Well	754337.8	471360.31	40^0 54' 15.1"	74^0 34' 31.9"	627.76	630.28	630.06	19-Apr-10		3.57	--	626.49		
MW-15S	Monitoring Well	754326.58	470891.83	40^0 54' 15.0"	74^0 34' 38.0"	634.23	636.43	636.17	19-Apr-10		9.11	--	627.06		
MW-15I	Monitoring Well	754325.8	470901.47	40^0 54' 15.0"	74^0 34' 37.9"	634.14	636.28	636.06	19-Apr-10		9.00	--	627.06		
MW-17(S)	Monitoring Well	754109.68	470759.85	40^0 54' 12.8"	74^0 34' 39.7"	632.35	634.32	634.19	19-Apr-10		6.87	--	627.32		
MW-18S	Monitoring Well	754677.95	471117.26	40^0 54' 18.4"	74^0 34' 35.0"	627.62	630.88	630.66	19-Apr-10		4.39	--	626.27		
MW-18I	Monitoring Well	754675.11	471106.07	40^0 54' 18.4"	74^0 34' 35.2"	627.75	630.59	630.44	19-Apr-10		3.68	--	626.76		
MW-19	Monitoring Well	754537.15	470454.45	40^0 54' 17.1"	74^0 34' 43.7"	636.22	636.23	635.90	Abandoned October 14, 2009						
MW-19-1	Monitoring Well	754534.52	470427.63	40^0 54' 17.0"	74^0 34' 44.0"	635.93	635.96	635.64	Abandoned October 15, 2009						
MW-19-2	Monitoring Well	754551.81	470429.56	40^0 54' 17.2"	74^0 34' 44.0"	636.46	636.50	636.30	Abandoned October 14, 2009						
MW-19-3	Monitoring Well	754539.4	470394.2	40^0 54' 17.1"	74^0 34' 44.5"	636.97	637.06	636.70	Abandoned October 15, 2009						
MW-19-4	Monitoring Well	754505.39	470432.08	40^0 54' 16.7"	74^0 34' 44.0"	635.69	635.76	635.43	Abandoned October 14, 2009						
MW-19-5	Monitoring Well	754565.53	470470.75	40^0 54' 17.3"	74^0 34' 43.5"	635.93	635.93	635.56	Abandoned October 13, 2009						
MW-19-6	Monitoring Well	754578.87	470443.1	40^0 54' 17.5"	74^0 34' 43.8"	636.17	636.16	635.82	Abandoned October 13, 2009						
MW-19-7	Monitoring Well	754595.66	470501.7	40^0 54' 17.6"	74^0 34' 43.1"	635.31	635.36	635.00	Abandoned October 13, 2009						
MW-19-8	Monitoring Well	754617.42	470493.65	40^0 54' 17.8"	74^0 34' 43.2"	635.82	635.82	635.36	19-Apr-10		7.66	--	627.70		
MW-19-9D	Monitoring Well	754590	470442	40^0 54' 17.9"	74^0 34' 42.4"	636.39	636.41	636.10	19-Apr-10		7.52	--	628.58		
MW-19-10	Monitoring Well	754625.75	470590.81	-	-	634.72	634.81	634.43	Abandoned October 13, 2009						
MW-19-11	Monitoring Well	754617.45	470546.95	40^0 54' 18.2"	74^0 34' 41.0"	634.22	634.26	633.67	Abandoned October 13, 2009						
MW-19-12	Monitoring Well	754627.53	470529.72	40^0 54' 18.31"	74^0 34' 41.27"	634.93	634.93	634.46	19-Apr-10		6.98	--	627.48		
MW-21 (3)	Monitoring Well	754240.97	471645.78	40^0 54' 14.1"	74^0 34' 28.2"	624.57	628.49	628.20	19-Apr-10		2.18	--	626.02		
MW-25(R) (3)	Monitoring Well	754201.83	471518.21	40^0 54' 13.7"	74^0 34' 29.8"	624.65	626.77	626.62	19-Apr-10		2.29	--	624.33		
MW-27s	Monitoring Well	754253.78	470672.69	40^0 54' 14.613"	74^0 34' 39.402"	635.82	635.78	635.07	19-Apr-10		7.71	--	627.36		
MW-28S	Monitoring Well	754243.26	471034.34	40^0 54' 14.512"	74^0 34' 34.692"	628.20	631.28	631.14	19-Apr-10		4.55	--	626.59		
MW-28I	Monitoring Well	754242.87	471031.19	40^0 54' 14.508"	74^0 34' 34.733"	628.25	631.20	631.04	19-Apr-10		4.42	--	626.62		
MW-29S	Monitoring Well	754411.14	471187.85	40^0 54' 16.172"	74^0 34' 32.694"	629.94	632.83	632.66	19-Apr-10		6.40	--	626.26		
MW-30S	Monitoring Well	754281.65	471265.12	40^0 54' 14.893"	74^0 34' 31.686"	624.99	628.24	628.24	19-Apr-10		2.24	--	626.00		
MW-30I	Monitoring Well	754286.42	471263.15	40^0 54' 14.941"	74^0 34' 31.712"	625.14	628.15	628.01	19-Apr-10		1.94	--	626.07		
MW-30D	Monitoring Well	754290.05	471261.2	40^0 54' 14.976"	74^0 34' 31.737"	625.20	628.22	628.02	19-Apr-10		1.82	--	626.20		
MW-31S	Monitoring Well	754241.65	471341.5	40^0 54' 14.499"	74^0 34' 30.691"	627.94	630.00	629.82	19-Apr-10		4.62	--	625.20		
MW-32S	Monitoring Well	754207.08	471359.83	40^0 54' 14.157"	74^0 34' 30.452"	628.15	630.33	630.18	19-Apr-10	5.76	5.78	--	624.40	0.02	624.42
MW-33S	Monitoring Well	754170.51	471311.04	40^0 54' 13.796"	74^0 34' 31.087"	628.85	631.06	630.91	19-Apr-10		5.94	--	624.97		
MW-34S	Monitoring Well	754178.83	471399.49	40^0 54' 13.879"	74^0 34' 29.935"	628.07	629.97	629.93	19-Apr-10		5.06	--	624.87		
MW-35S	Monitoring Well	754179.62	471445.17	40^0 54' 13.887"	74^0 34' 29.340"	627.43	629.59	629.19	19-Apr-10		4.41	--	624.78		
SG-R2 (3)	Rockaway River Monitoring Point	754056.10	470946.46	40^0 54' 12.662"	74^0 34' 35.834"	629.41	-	-	19-Apr-10		2.60	--	626.81		
SW-R-1 (4)	Rockaway River Monitoring Point	754125.56	471523.00	40^0 54' 13.353"	74^0 34' 28.326"	625.87	-	-	19-Apr-10		2.45	--	623.42		
SW-R-2 (4)	Rockaway River Monitoring Point	754112.82	471426.51	40^0 54' 13.226"	74^0 34' 29.582"	626.54	-	-	19-Apr-10		2.70	--	623.84		
SW-R-3 (4)	Rockaway River Monitoring Point	754149.30	471368.76	40^0 54' 13.586"	74^0 34' 30.335"	626.25	-	-	19-Apr-10		1.70	--	624.55		
SW-R-4 (4)	Rockaway River Monitoring Point	754088.00	471279.58	40^0 54' 12.980"	74^0 34' 31.496"	627.57	-	-	19-Apr-10		2.48	--	625.09		
SW-R-5 (4)	Rockaway River Monitoring Point	754314.04	470408.85	40^0 54' 15.206"	74^0 34' 42.839"	640.66	-	-	19-Apr-10		1.71	--	638.95		
SW-R-6 (4)	Rockaway River Monitoring Point	754071.52	470697.75	40^0 54' 12.812"	74^0 34' 39.073"	631.68	-	-	19-Apr-10		NM-damaged	--	--		
SW-D-1 (5)	Drainage Channel Staff Gauge	754428.36	471240.17	40^0 54' 16.343"	74^0 34' 32.013"	625.75	-	-	19-Apr-10		1.88	--	623.87		
SW-D-2 (5)	Drainage Channel Staff Gauge	754285.35	471361.22	40^0 54' 14.931"	74^0 34' 30.435"	626.07	-	-	19-Apr-10		2.10	--	623.97		
SW-D-3 (5)	Drainage Channel Staff Gauge	754381.23	471548.18	40^0 54' 15.880"	74^0 34' 28.001"	625.70	-	-	19-Apr-10		1.65	--	624.05		
SW-D-4	Drainage Channel Monitoring Point	754297.19	471292.08	40^0 54' 15.047"	74^0 34' 31.355"	624.93	-	-	19-Apr-10		0.98	--	623.95		
SW-D-5	Drainage Channel Monitoring Point	754223.14	471920.10	40^0 54' 14.321"	74^0 34' 23.155"	626.86	-	-	19-Apr-10		3.85	--	623.01		
DRC-2	Drainage Channel Monitoring Point	754117.49	471971.58	40^0 54' 13.277"	74^0 34' 22.483"	623.29	-	-	19-Apr-10		2.85	--	620.44		

FOOTNOTES
(1) Reference elevation measured at the top of a 3.33 ft. Staff gauge. Water depth based on a visual observation of the water level on the Staff gauge.
(2) Horizontal Datum: New Jersey State Plane Coordinate System NAD 83. Vertical Datum: NAVD 88
(3) New SG-R2 replaced the old SG-R2 installed in Nov. 1998. Professional survey performed by James M. Stewart, Inc., Philadelphia, PA May 2004. SG-R2 is a chiseled arrow on Iron Beam
(4) As outlined in the PRMP the six (6) new Rockaway River monitoring points reference survey elevation was shot at the top of a stake installed to each point
(5) SW-D-1, SW-D-2 and SW-D-3 were resurveyed points at the top of the stake that secures each drainage ditch staff gauge.
These points were reshot to insure the reference elevation integrity remained for each of the 3 staff gauges as a result of source reduction remedial disturbance.
(6) Ground reference elevation for SG and SW series gauges and monitoring points is a point specific to each devise (I.e., top of stake, to of gauge, notched point on concrete or iron etc)
(7) Corrected water level elevations utilize an average specific gravity of 0.9363 (RMT, Inc. product samplig in October 1999)

TABLE 2
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	600	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	600	1,000	3
MW19-12							
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	12-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	7-Nov-06	4 duplicate	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
	6-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.11	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	28-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	13-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	7-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	10-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.96
	20-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 0.98
MW-8							
	1-Sep-89	3					
	1-Jan-90	1					
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	15	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	J 2.0
	14-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	***8.0***
	8-Apr-09	2 (5)	< 0.9	< 0.8	< 0.8	< 0.9	J 3.0
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	J 2.0
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	J 3.0
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	***3.9***
	20-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	***16***
MW-25R							
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	21-Jun-06	2 duplicate	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	13-Sep-06	3	< 0.2	< 0.2	J 0.5	< 0.6	J 1.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	1.6
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP is 1.3	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.3
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.29	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.3
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	J 0.3	< 0.6	< 1.0
	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	7-Apr-09	2 (5)	< 0.9	< 0.8	< 0.8	< 0.9	J 1.0
	22-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	J 1.0
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
	20-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 0.98
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

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Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	600	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	600	1,000	3
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	30-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	14-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	8-Apr-09	2	< 0.9	< 0.8	< 0.8	J 1.0	< 1.0
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	10-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	14-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
	20-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 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	***570***
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3 duplicate	J 0.3	220.0	< 0.2	470	***550***
Dilution factor for DEHP 10	7-Nov-06	4	< 0.2	92.0	< 0.2	180	***250***
Dilution factor for DEHP is 20	7-Feb-07	1	< 1.0	70.0	< 5.0	150	***260***
Dilution factor for DEHP is 20	7-Feb-07	1 duplicate	< 1.0	58.0	< 5.0	130	***250***
	27-Jun-07	2	< 1.0	30.0	< 5.0	56	***28***
Dilution factor for DEHP is 5	12-Sep-07	3	< 1.0	17.0	< 5.0	42	***49***
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	***39***
Dilution for DEHP is 11.1	7-May-08	2	< 1.0	2.7	< 5.0	6.6	***160***
Dilution for DEHP is 20	23-Jul-08	3	< 1.0	37	< 5.0	93	***420***
Dilution for DEHP is 10	23-Jul-08	3 duplicate	< 1.0	41	< 5.0	100	***290***
Dilution factor for DEHP 10	29-Oct-08	4	< 0.2	4.3	< 0.2	15	***300***
Dilution factor for DEHP 10	15-Jan-09	1	< 0.9	17	< 0.8	64	***140***
Dilution factor for DEHP 10	8-Apr-09	2	< 0.9	39	< 0.8	100	***200***
Dilution factor for DEHP 10	22-Jul-09	3	< 0.9	18	< 0.8	53	***180***
Dilution factor for DEHP 5	12-Nov-09	4	< 0.9	10	< 0.8	67	***130***
	16-Feb-10	1	< 0.5	8.9	< 0.5	27	***65***
Dilution factor for DEHP 2	16-Feb-10	1 duplicate	< 0.5	8.8	< 0.5	27	***100***
Dilution factor for DEHP 5	21-Apr-10	2	< 0.5	22	< 0.5	71	***240***
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	***180***
	7-Nov-06	4	< 0.2	10.0	< 0.2	14	***90***
Dilution factor for DEHP is 10	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	***76***
	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	***28***
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	***49***
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	***110***
	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	***61***
	15-Jan-09	1 duplicate	< 0.9	< 0.8	< 0.8	< 0.9	***41***
Dilution factor for DEHP 10	8-Apr-09	2 (5)	< 0.9	< 0.8	< 0.8	< 0.9	***240***
	22-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	***19***
	12-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	***15***
	12-Nov-09	4 duplicate	< 0.9	< 0.8	< 0.8	< 0.9	***11***
	16-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	***12***
	21-Apr-10	2	< 0.5	2.7	< 0.5	9.4	***26***
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
Deillution 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
	29-Oct-08	4	< 0.2	< 0.2	J 0.3	< 0.6	< 1.0

TABLE 2
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	600	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	600	1,000	3
	29-Oct-08	4 duplicate	< 0.2	< 0.2	J 0.2	< 0.6	< 0.9
	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	7-Apr-09	2 (4)	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
	20-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 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	***2,600***	***2,500***
	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	***2.1***	300	< 25	***1,200***	***13,000***
Dilution factor for DEHP is 50	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	***880***
Dilution factor for DEHP is 200	12-Sep-07	3 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	***1,700***
Dilution factor for DEHP is12, BTEX is 5	6-Dec-07	4	***1.5***	34.0	110	260	***200***
Dilution factor for DEHP is 111, BTEX is 5	20-Feb-08	1	< 5.0	110	< 25	480	***3,800***
Dilution factor for Total Xylene is 5, DEHP is 1.25	8-May-08	2	< 1.0	100	< 5.0	460	***9.6***
	22-Jul-08	3	< 1.0	14	< 5.0	86	***80***
DEHP Dilution 5	29-Oct-08	4	< 0.2	80	J 0.2	290	***180***
	15-Jan-09	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
Dilution factor for DEHP is 50	8-Apr-09	2	< 0.9	74	< 0.8	340	***1,100***
Dilution factor for DEHP is 10	22-Jul-09	3	< 0.9	8	< 0.8	34	***550***
Dilution factor for DEHP is 10	11-Nov-09	4	< 0.9	63	< 0.8	140	***350***
	15-Feb-10	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
Dilution factor for DEHP is 10	21-Apr-10	2	< 0.5	5.4	< 0.5	15.0	***480***
Dilution factor for DEHP is 5	21-Apr-10	2 duplicate	< 0.5	6.0	< 0.5	22.0	***460***
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
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	J 2.0
	15-Jan-09	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
	8-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	J 3
	23-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	J 2
	23-Jul-09	3 duplicate	< 0.9	< 0.8	< 0.8	< 0.9	J 3
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	J 1
	15-Feb-10	1	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	21-Apr-10	2	< 0.5	1.9	< 0.5	2.0	1.7
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 ***9.0***
	8-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
	7-Feb-07	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.1	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
Dilution factor for DEHP 1.1	4-Dec-07	4 duplicate	< 1.0	< 1.0	7.7	< 3.0	< 1.1
Dilution factor for DEHP 1.05	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.05	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
	15-Jan-09	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen

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MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	600	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	600	1,000	3
	8-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
	21-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95
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	***49,000***	***16,000***
Dilution factor for BTEX 50, DEHP 10	30-Oct-08	4	< 10	***7,900***	< 10	***40,000***	***760***
Dilution factor for Benzene & Toluene 10, Ethylbenzene and Xylenes 100, DEHP 50	14-Jan-09	1	< 0.9	***4,400***	J 46	***25,000***	***3,100***
Dilution factor for BTE 10 and Xylenes 100, DEHP 10	9-Apr-09	2	< 9	***2,300***	< 8	***9,600***	***690***
Dilution factor for Benzene & Toluene 5, Ethylbenzene and Xylene 50, DEHP 500	23-Jul-09	3	J ***5***	***4,500***	J 10	***22,000***	***23,000***
Dilution factor for Benzene Ethylbenzene & Toluene 5, Xylene 50, DEHP 10	12-Nov-09	4	< 5	***1,300***	J 5	***7,400***	***340***
Dilution factor for Benzene & Toluene 5, Ethylbenzene & Xylene 50, DEHP 25	16-Feb-10	1	***4.4***	***4,000***	11	***17,000***	***1,000***
Dilution factor for Ethylbenzene & Xylene 250, DEHP 25	22-Apr-10	2	***7.6***	***8,700***	16	***40,000***	***190***
MW-32s							
Dilution factor for BTEX 200, DEHP 121000	8-May-08	2	< 200	***16,000***	< ***1,000***	***75,000***	***370,000***
Dilution factor for Benzene & Toluene 50, Ethylbenzene and Xylenes 250, DEHP 200	23-Jul-08	3	< 50	***8,600***	< 250	***43,000***	***7,900***
BTE 5, Xylenes 10, DEHP 100	30-Oct-08	4	J ***1.1***	***1,200***	J 1.7	***6,900***	***4,600***
Dilution for BTE 50, Xylene 500, DEHP 500	15-Jan-09	1	< 45	***8,900***	< 40.0	***40,000***	***12,000***
Dilution for Benzene & Ethylbenzene 20, Toluene & Xylenes 200, DEHP 100	8-Apr-09	2	< 18	***8,200***	< 16.0	***50,000***	***8,600***
Dilution factor for BTE 50, Xylene & DEHP 200	23-Jul-09	3	< 45	***7,400***	< 40.0	***43,000***	***5,400***
Dilllution factor for BTE 20, Xylene 200 & DEHP 100	12-Nov-09	4	< 18	***3,800***	< 16.0	***29,000***	***2,300***
Dilution factor for Benzene & Toluene 5, Ethylbenzene & Xylene 50, DEHP 1000	16-Feb-10	1	***7.7***	***7,400***	10.0	***36,000***	***130,000***
Dilution factor for Ethylbenzene and Xylenes 100, DEHP 40	22-Apr-10	2	***6.7***	***6,200***	14.0	***31,000***	***2,800***
MW-33s							
Dilution factor for DEHP 1.25	8-May-08	2	***4***	6.6	< 5.0	27	***16***
	23-Jul-08	3	***1.8***	< 1.0	< 5.0	3.3	***21***
Dilution factor for DEHP 50	30-Oct-08	4	J 0.4	J 0.6	J 0.3	< 3.0	***5,500***
Dilution factor for DEHP 200	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	***3,400***
Dilution factor for DEHP 50	9-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	***1,100***
Dilution factor for DEHP 500	23-Jul-09	3	< 0.9	< 0.8	< 0.8	J 2.0	***81,000***
Dilution factor for DEHP 20	12-Nov-09	4	< 0.9	< 0.8	< 0.8	J 2.0	***790***
Dilution factor for DEHP 250	16-Feb-10	1	< 0.5	0.5	< 0.5	5.1	***21,000***
Dilution factor for DEHP 20	22-Apr-10	2	< 0.5	1.5	< 0.5	10	***910***
MW-34s							
Dilution factor for Ethylbenzene and Total Xylenes 5, DEHP 1.33	6-May-08	2	***1.3***	230	< 5.0	***1,200***	3.0
Dilution factor for BTEX 20	23-Jul-08	3	< 20	470	< 100.0	***2,300***	1.6
	30-Oct-08	4	< 0.2	2	< 0.2	180	***7***
Dilution factor for BTE 10, Xylene 100	15-Jan-09	1	< 9	***2,700***	J 16.0	***13,000***	***7***
Dilution for Benzene & Toluene 10, Ethylbenzene & Xylenes 100, DEHP 100	8-Apr-09	2	< 9	***3,600***	J 18.0	***18,000***	J ***5***
Dilution for Benzene & Toluene 2, Ethylbenzene & Xylenes 20	23-Jul-09	3	< 2	***1,300***	J 5.0	***6,700***	***9***
Ethylbenzene & Xylenes 10	12-Nov-09	4	< 0.9	440	< 0.8	1,000	J ***4***
Dilution facor for Ethylbenzene and Xylene is 20	16-Feb-10	1	***1.5***	680	2.2	***2,300***	***13***
Dilution factor for Ethylbenzene and Xylene is 100	22-Apr-10	2	***5.6***	***3,400***	44	***14,000***	***8.1***
MW-35s							
Dilution factor for Ethylbenzene and Total Xylenes 500, DEHP 57	6-May-08	2	***1.3***	230	< 5.0	***1,200***	***490***
Dilution factor for Benzene & Toluene 10, Ethylbenzene and Xylenes 250, DEHP 20	23-Jul-08	3	***16***	***12,000***	260.0	***67,000***	***530***
Dilution factor for Xylenes 100, Benzene 20, Toluene 20, Ethlbenzene 100, DEHP 10	30-Oct-08	4	J ***9.6***	***8,800***	34.0	***57,000***	***460***
Dilution factor for Benzene and Toluene 20, Ethylbenzene, Xylene and DEHP 200	15-Jan-09	1	< 18	***12,000***	J 36.0	***88,000***	***3,500***
Dilution factor for Benzene and Toluene 20, Ethylbenzene& Xylene 200, DEHP 50	8-Apr-09	2	< 18	***13,000***	J 40.0	***100,000***	***1,800***
Dilution factor for Benzene & Toluene 20, Ethylbenzene and Xylene 200, DEHP 500	23-Jul-09	3	< 18	***14,000***	J 36.0	***92,000***	***20,000***
Dilution factor for Benzene Ethylbenzene & Toluene 50, Xylene and DEHP 500	12-Nov-09	4	< 45	***8,900***	< 40.0	***69,000***	***3,000***
Dilution factor for Benzene & Toluene 20, Ethylbenzene & Xylene 1000 and DEHP 25	16-Feb-10	1	< 10	***9,800***	30.0	***59,000***	***660***
Dilution factor for Ethylbenzene & Xylene 200, and DEHP 25	22-Apr-10	2	***13***	***14,000***	35	***79,000***	***540***
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

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MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	600	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	600	1,000	3
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	28-Feb-06	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	20-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	12-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	J 1.9	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
ATM-01	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
ATM-01, Dilution factor for DEHP 1.08	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	28-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	14-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	8-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	22-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95
	20-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 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
RB-02	30-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
RB-03	30-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
RB-01	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
RB-02	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
RB-01	9-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
RB-02	9-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
RB-01	23-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
RB-02	23-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	J 2.0
RB-02	12-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
RB-02	16-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
RB-02	21-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
Trip Blank							
	13-Jan-05	1	< 0.2	< 0.2	< 0.2	< 0.6	NA
	9-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	NA
	27-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	NA

TABLE 2
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	600	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	600	1,000	3
	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
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	NA
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	NA
	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	NA
	5-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	NA
	7-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	NA
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	NA
	23-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	NA
	8-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	NA
	10-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	NA
	11-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	NA
	11-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	NA
	14-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	NA
	21-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	NA

LEGEND

ug/L = micrograms per liter

NJGWQS = New Jersey Groundwater Quality Standards

ROD: Record of Decision

NA = Not Applicable

NS = Not Sampled

ND: No Detection

duplicate = Duplicate sample

Concentration exceeds NJGWQS **1.2**

B: Analyte also detected in blank

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

NOTES

(1) Low flow sampling initiated 1st quarter 2002

(2) GEI series wells are piezometers installed by Weston

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

(4) Recovery of initial DEHP analysis was above QC limits in the LCS. Sample was re-extracted and DEHP was again above the QC limits in the LCS/LCSD. However, DEHP was not detected in the re-analysis of the sample. The data reported here is from the re-analysis of the sample.

(5) Recovery of initial DEHP analysis was above QC limits in the LCS. Sample was re-extracted and DEHP was again above the QC limits in the LCS/LCSD. Comparable data was observed beween the two extractions. The data reported here is from the initial extraction of the sample.

(6) NJGWQS for toluene lowered August 2007

TABLE 3

Through 2nd Quarter 2010

Dayco Corporation/L.E. Carpenter Superfund Site
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-19-12 [3]	2Q06	4,000	11.2 J	***548***	0.048 J	ND	ND	15.1	4.8 J	ND
Dilution factor for Methane 5	3Q06	170	6.4 J	***822***	0.36	ND	ND	22.9	170	ND
	4Q06	2	4.4 J	***716***	0.22	ND	ND	21.3	130	ND
	4Q06D	2	ND	***718***	0.17	ND	ND	21.8	130	ND
	1Q07	4	5.5	400	0.56	0.12	ND	20	ND	ND
	2Q07	55	ND	240	0.93	ND	ND	13	ND	ND
	2Q07D	8	ND	270	0.93	ND	ND	13	ND	ND
	3Q07	73	ND	290	0.89	ND	ND	13	ND	ND
	4Q07	FS	3	260	0.9	ND	ND	11	ND	ND
	1Q08	9	ND	160	0.84	ND	ND	5.7	ND	ND
	2Q08	ND	1.1	220	1	ND	ND	10	ND	ND
	3Q08	2	1.7	220	0.72	ND	ND	8.1	ND	ND
	4Q08	7	ND	269	0.79	ND	ND	16.6	ND	ND
	1Q09	4	ND	170	1.1	ND	ND	18.3	ND	ND
	2Q09	320	5.2 J	334	0.94	ND	ND	18.5	ND	ND
	3Q09	18	ND	261	0.9	6.2	ND	13.3	ND	ND
	4Q09	ND	ND	263	0.81	ND	ND	15.3	ND	ND
MW-8										
Dilution factor for Methane 10	3Q08	ND	66	300	ND	0.68	0.4	ND	3,000	ND
Dilution factor for Methane 20	4Q08	5,200	33.6	94.5	ND	0.35 J	ND	1.9 J	1,800	ND
Dilution factor for Methane 10	1Q09	51	56.8	270	ND	0.64	0.16	ND	2,600	ND
Dilution factor for Methane 50	2Q09	450	28	174	ND	ND	ND	ND	6,100	ND
	3Q09	75	40	407	ND	ND	0.13	2.5 J	2,400	ND
Dilution factor for Methane 20	4Q09	84	42.5	191	ND	0.53 J	ND	ND	5,600	ND
Dilution factor for Nitrate, and Ammonia 5,TDS & TSS 2	1Q10	46	62	280	0.35	0.44	0.24	ND	1,500	ND
Dilution factor for Nitrate and Methane 5, TDS 20	2Q10	240	36	ND	ND	0.24	0.24	ND	140	ND
MW-25R	2Q06	1,100	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	1,000	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
	4Q08	>5700	ND	243	ND	ND	ND	16	3.5 J	ND
	1Q09	1,500	36.8	344	ND	ND	ND	36.5	57	ND
	2Q09	>5700	98.8	362	ND	ND	ND	9.4	7.6 J	ND
	3Q09	2,100	32.4	412	ND	ND	ND	8.5	100	ND
	4Q09	1,600	160	198	ND	0.42 J	ND	12	30	ND
Dilution factor for Nitrate 5, TDS 2	1Q10	580	95	430	0.35	0.18	0.14	6.9	41	ND
Dilution factor for Nitrate 5, TDS 20, TSS 4	2Q10	1,700	160	ND	ND	0.068	0.20	1.4	36	ND
MW-27s	2Q06	NR	5180	630	ND	0.26 J	4.8	43.3	20	ND
	3Q06	>5700	3850	***798***	ND	ND	1.4	108	3.7 J	ND
	4Q06	>5700	166	***753***	0.16	ND	0.82	116	2.3 J	ND
	1Q07	>5700	580	***650***	ND	ND	0.19	91	ND	ND
	2Q07	>5700	48	***640***	ND	ND	3.5	97	ND	ND
	3Q07	270	150	***630***	ND	ND	0.12	84	ND	ND
	4Q07	FS	260	***620***	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	***620***	ND	0.14	17	61	11	ND
	4Q08	390	66.4	***571***	0.2	ND	.085 J	68.8	ND	ND
	1Q09	190	1,200	***517***	0.55	ND	0.27	62.5	ND	0.0283
	2Q09	81	253	454	0.96	ND	ND	52.6	ND	ND
	3Q09	8	684	482	0.38	ND	ND	43.9	ND	ND
	4Q09	23	300	***721***	0.5	ND	ND	47.9	ND	ND
Dilution factor for Nitrate 5	1Q10	18	64	***600***	1.3	0.1	0.089	54	ND	ND
Dilution factor for Nitrate 5, TDS 20	2Q10	30	32	400	1.1	ND	ND	49	ND	ND
MW-28s	2Q06	6	35.2	350	ND	0.35 J	0.25	2.6 J	3,100	ND
Dilution factor for Methane 200	3Q06	1,300	22	460	ND	0.26 J	0.37	ND	3,200	ND

TABLE 3

Through 2nd Quarter 2010

Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
	UNITS	cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
Dilution factor for Methane 200	3Q06D	1,500	22	468	ND	ND	0.37	1.7J	3,100	ND
Dilution factor for Methane 100	4Q06	1	25	347	ND	ND	0.43	2.0 J	4,400	ND
	1Q07	460	180	350	ND	ND	0.42	ND	170	ND
	1Q07D	230	93	360	ND	ND	0.43	ND	810	**0.0051**
Dilution factor for Methane 10	2Q07	78	49	400	ND	0.14	0.34	ND	1,600	ND
Dilution factor for Methane 4	3Q07	ND	50	350	ND	ND	0.34	ND	1,100	ND
Dillution for Methane is 40	4Q07	320	42	330	ND	0.19	0.38	ND	1,900	ND
	1Q08	80	31	250	ND	0.14	0.36	ND	570	ND
Dilution for Methane is 10	2Q08	11	44	360	ND	0.19	ND	ND	1,400	ND
Dilution factor for Methane 4	3Q08	ND	52	340	ND	0.17	0.4	ND	1	**0.0056**
Dilution factor for Methane 20	4Q08	82	23.6	321	ND	ND	0.31	2.3 J	1,800	ND
Dilution factor for Methane 200	1Q09	9	38.4	356	ND	0.27 J	0.32	ND	5,000	ND
Dilution factor for Methane 5	2Q09	530	6.0 J	327	ND	ND	0.24	5.8	1,000	ND
Dilution factor for Methane 50	3Q09	2	28.8	***679***	ND	0.36 J	0.26	ND	5,200	ND
Dilution factor for Methane 2	4Q09	54	17.2	408	ND	ND	0.16	4.2 J	460	ND
Dilution factor for Nitrate 5, TDS & TSS 2, Methane 50	1Q10	240	24.0	330	0.34	0.22	0.4	ND	2,100	ND
Dilution factor for Nitrate 5, TDS 2, Methane 50	1Q10D	210	ND	330	ND	0.21	0.4	ND	2,100	ND
Dilution for Methane 100, TSS & TDS 2, Nitrate 5	2Q10	71	18	240	ND	0.10	0.40	1.1	1,600	ND
MW-28i										
Dilution factor for Methane 10	2Q06	290	28	367	0.047 J	ND	0.22	2.2 J	1,900	ND
Dilution factor for Methane 100	3Q06	>5,700	42.8	338	ND	ND	0.19	3.5 J	1,500	ND
Dilution factor for Methane 100	4Q06	440	15.6	335	ND	ND	0.22	3.0 J	1,500	ND
	1Q07	110	34	380	0.1	0.2	0.35	ND	410	ND
Dilution factor for Methane 4	2Q07	24	23	330	ND	0.27	0.29	ND	710	ND
	3Q07	37	37	300	ND	0.28	0.27	ND	560	ND
	4Q07	160	34	360	ND	0.47	0.64	5.1	370	ND
	1Q08	ND	25	290	ND	0.37	0.29	ND	170	ND
Dilution factor for Methane 10	2Q08	17	38	***560***	ND	0.31	0.23	ND	870	ND
	3Q08	51	29	310	ND	0.25	280	ND	410	ND
Dilution factor for Methane 5	4Q08	24	20.8	360	ND	0.54 J	0.23	6.7	500	ND
Dilution factor for Methane 10	1Q09	3	31.6	399	ND	.42 J	0.27	ND	1,800	ND
Dilution factor for Methane 10	1Q09D	4	35.2	415	ND	0.54 J	0.26	ND	1,700	ND
	2Q09	89	13.6	351	ND	ND	0.22	7.7	110	ND
Dilution factor for Methane 10	3Q09	ND	20	***542***	ND	1.1	0.21	2.6 J	2,100	ND
	4Q09	4	18	445	ND	0.38 J	0.11	7.8	190	ND
	4Q09D	4	19.6	417	ND	0.47 J	0.13	7.8	180	ND
Dilution factor for Nitrate 5, TDS & TSS 2, Methane 50	1Q10	10	40	470	ND	0.49	0.34	0.96	1,400	ND
Dilution for Methane 100, TSS & TDS 2, Nitrate 5	2Q10	8	16	260	ND	0.21	0.32	2.1	800	ND
MW-29s	2Q06	250	58.8	***504***	ND	11.9	0.45	4.0 J	1,200	ND
Dilution factor for Methane 250	3Q06	>5700	54	***546***	ND	9.9	0.32	1.9 J	5,000	ND
Dilution factor for Methane 100	4Q06	190	35.6	***509***	ND	8.3	0.29	3.9 J	5,200	ND
	1Q07	30	41	***510***	0.14	7.5	0.34	ND	450	**0.0084**
Dilution factor for Methane 4	2Q07	150	56	490	ND	8.3	0.29	ND	1,000	ND
Dilution factor for Methane 10	3Q07	1,900	54	***520***	ND	8.1	0.4	ND	2,500	ND
Dillution for Methane 10	4Q07	FS	66	500	ND	9.3	0.44	ND	3,100	**0.014**
Dillution for Lead 5	1Q08	93	60	***510***	ND	7.5	0.34	ND	2,000	ND
Dillution for Lead 5	1Q08D	120	38	***510***	ND	7.6	0.35	ND	1,800	ND
Dilution for Methane 10	2Q08	65	40	490	ND	8.2	0.3	ND	2,100	ND
Dilution factor for Methane 4	3Q08	130	20	460	ND	7.7	0.41	ND	1,700	ND
Dilution factor for Methane 50	4Q08	52	37.2	455	ND	7.2	0.35	ND	4,400	ND
Dilution factor for Methane 50	4Q08D	56	41.6	462	ND	7.2	0.34	ND	4,600	ND
Dilution factor for Methane 200	1Q09	1,600	58.8	425	ND	7.2	0.32	3.0 J	6,100	ND
Dilution factor for Methane 50	2Q09	200	58	464	ND	5.8	0.28	7.3	4,000	ND
Dillution factor for Methane 100	3Q09	21	47.2	***542***	ND	7.5	0.31	3.3 J	4,800	ND
Dillution factor for Methane 20	4Q09	3	39	436	ND	8.9	0.25	ND	5,800	ND
Dilution for Methane 50, TSS & TDS 2, Nitrate and Ammonia 5	1Q10	110	62	440	0.36	6.4	0.38	2.1	2,800	ND
Dillution factor for Methane 100, TDS 20, TSS 4, Nitrate 5	2Q10	110	46	440	ND	4.2	0.39	1.5	6,200	ND
MW-30s	2Q06	2,200	75.6	348	ND	0.86	0.17	5.2	3,800	ND
Dilution factor for Methane 200	3Q06	>5700	132	457	ND	0.89	0.32	ND	2,500	ND
Dilution factor for Methane 100	4Q06	>5700	147	448	ND	1.1	0.24	5.5	6,500	ND
Dilution factor for Methane 10	2Q07	>5700	650	350	ND	0.94	1.6	ND	1,800	ND
Dilution factor for Methane 4	3Q07	>5700	220	440	ND	1	0.34	ND	1,700	ND
Dilution factor for Methane 4	3Q07D	>5700	180	400	ND	1.1	0.33	ND	1,500	ND

TABLE 3

Through 2nd Quarter 2010

Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
	UNITS	cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
Dilution factor for Methane 10	4Q07	>5700	120	***520***	ND	1.3	0.22	ND	1,900	ND
Dilution factor for Methane 4	1Q08	1,100	2,300	410	ND	0.97	1.2	ND	1,300	ND
Dilution factor for Methane 10	2Q08	>5700	36	320	ND	0.93	0.26	ND	1,700	ND
Dilution factor for Methane 4	3Q08	ND	36	390	ND	2.60	0.29	ND	1,800	ND
Dilution factor for Methane 50	4Q08	2,300	18	401	ND	1.30	0.19	ND	4,100	ND
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
Dilution factor for Methane 20	2Q09	210	40	464	ND	1.3	0.14	2.0 J	3,700	ND
Dilution factor for Methane 50	3Q09	720	38.8	461	ND	1.6	0.21	ND	4,200	ND
Dilution factor for Methane 20	4Q09	720	33.2	457	ND	1.3	ND	ND	4,400	ND
	1Q10	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
Dilution for Methane 200, TSS & TDS 2, Nitrate 5	2Q10D	2,700	50	470	ND	0.93	0.26	ND	3,300	ND
Dilution for Methane 100, TSS & TDS 2, Nitrate 5	2Q10	12,000	48	440	ND	0.91	0.26	ND	3,200	ND
MW-30i	2Q06	>5700	18.8	369	ND	1.8	0.15	8.2	1,100	ND
Dilution factor for Methane 100	3Q06	290	41.6	414	ND	0.83	0.23	3.2 J	1,200	ND
Dilution factor for Methane 50	4Q06	40	17.2	456	ND	0.89	0.24	11.1	930	ND
Dilution factor for Methane 50	4Q06D	43	41.2	478	ND	ND	0.23	11.1	930	ND
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	***540***	ND	1	ND	ND	510	ND
	2Q08D	16	26	300	ND	1	0.29	ND	560	ND
Dilution factor for Methane 4	3Q08	ND	31	390	ND	1.3	0.38	ND	790	ND
Dilution factor for Methane 5	4Q08	6	21.6	411	ND	1.4	0.27	4.4 J	400	ND
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	670	36.8	474	ND	1.3	0.19	5.9	270	ND
Dillution factor for Methane 2, Ammonia Nitrogen 2	3Q09	5	28.0	431	ND	1.3	0.26	4.3 J	660	ND
Dillution factor for Methane 2	3Q09D	6	24.8	444	ND	0.72	0.25	4.2 J	730	ND
	4Q09	13	24.0	448	ND	ND	0.14	6.1	170	ND
	1Q10	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
Dilution for Methane 100, TSS & TDS 2, Nitrate 5	2Q10	130	42	460	ND	0.86	0.38	ND	2,100	ND
MW-30d	2Q06	2,800	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	ND
	4Q06	47	5.6 J	375	ND	ND	ND	12.5	22	ND
	2Q07	130	13	240	ND	0.11	ND	10	77	ND
	3Q07	78	9	260	ND	0.16	ND	11	ND	ND
	4Q07	FS	20	300	ND	0.24	0.11	11	ND	ND
	4Q07D	FS	20	270	ND	0.19	0.28	11	ND	ND
	1Q08	790	8	300	ND	0.12	ND	9.4	47	ND
	2Q08	420	12	370	ND	0.27	ND	5.3	140	ND
	3Q08	ND	9.2	280	ND	0.31	0.13	9.2	16	ND
	4Q08	40	9.2 J	309	ND	0.27 J	ND	12.7	ND	ND
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	75	9.2 J	324	0.046 J	ND	ND	14.3	5 J	ND
	3Q09	9	6.4 J	321	ND	ND	ND	14.8	60	ND
	4Q09	7	5.2 J	331	0.1	ND	ND	15.0	ND	ND
Dilution factor for Nitrate 5, Methane 4	1Q10	38	11	350	ND	0.12	0.05	10.0	90	ND
Dilution factor for Methane 2, Nitrate 5, TDS 10	2Q10	33	6.0	110	ND	0.079	0.051	8.7	71	ND
MW-31s										
Dilution factor for Ammonia and Methane 10	2Q08	>5700	460	***810***	0.12	22	0.68	44	3,000	ND
Dilution factor for Ammonia and Methane 10	3Q08	ND	320	***1900***	ND	22	0.71	72	2,100	ND
Dilution factor for Sulfate 10 and Methane 50	4Q08	> 5700	11.5 J	***502***	ND	10.8	0.14	84.2	2,800	ND
Dilution factor for Methane 100	1Q09	620	35.2	***629***	ND	22.6	0.40	47.9	11,000	ND
Dilution factor for Sulfate and Methane 20	2Q09	> 5700	ND	***556***	0.056 J	6.4	ND	136	2,400	ND
Dillution factor for Methane 50	3Q09	6,800	36.80	***576***	ND	19.8	0.12	35.9	12,000	ND
Dillution factor for Sulfate 20, and Methane 20	4Q09	100,000	7.6 J	***619***	ND	9.1	ND	187.0	3,200	ND
Dilution factor for Nitrate 5, Ammonia 10, TSS 2, Methane 500	1Q10	230	54.00	***600***	ND	16.0	0.30	56.0	15,000	ND
Dilution for Methane 500, Ammonia 10, TDS 5, Nitrate 5	2Q10	210,000	5.0	***630***	ND	12.0	0.26	36	13,000	ND
MW-32s										
Dilution factor for Methane 10	2Q08	>5700	NS	***3400***	ND	2	14	8.6	4,800	ND
Dilution factor for Methane 10	3Q08	410	NS	***650***	ND	1.6	2.6	NS	2,900	ND
Dilution factor for Sulfate 20 and Methane 100	4Q08	> 5700	50	***818***	ND	1.6	0.11	200	5,400	ND
Dilution factor for Methane 200	1Q09	430	385	***637***	ND	0.69	ND	8.9	9,500	ND

TABLE 3

Through 2nd Quarter 2010

Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate[1]	Methane	Dissolved Lead
	UNITS	cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005[2]
Dilution factor for Sulfate 20 and Methane 100	2Q09	240	35.2	***612***	0.16	1.8	ND	122	6,900	ND
Dillution factor for Ammonia Nitrogen 3 and Methane 50	3Q09	290	113	***620***	ND	ND	ND	2.8 J	12,000	ND
Dillution factor for Methane 50	4Q09	5,200	208	***691***	ND	1.2	ND	47.9	7,300	ND
Dilution factor for Nitrate 5, TDS 2, Methane 400	1Q10	4,600	15	***540***	ND	0.53	0.13	4.7	13,000	ND
Dilution for Methane 200, TSS 2, TDS 20, Nitrate 5	2Q10	370	52	***520***	ND	0.085	0.14	11	11,000	ND
MW-33s										
Dilution factor for Methane 10	2Q08	>5700	220	310	ND	5	0.17	8	2,800	**0.011**
Dilution factor for Methane 10	3Q08	ND	250	380	ND	7	ND	10	2,000	ND
Dilution factor for Methane 100	4Q08	> 5700	51	358	ND	7.4	0.13	8.6	4,800	ND
Dilution factor for Methane 200	1Q09	160	122	395	ND	ND	ND	68.1	9,600	ND
Dilution factor for Methane 50	2Q09	2,800	74	410	ND	6.7	0.31	4.8 J	8,400	ND
Dilution factor for Ammonia Nitrogen 2 and Methane 25	3Q09	1,200	181	***610***	ND	5.8	0.42	12.9	5,100	ND
Dilution factor for Methane 20	4Q09	670	85	***518***	ND	5.8	ND	7.2	3,200	ND
Dilution factor for TDS 2, Nitrate, & Ammonia 5, Methane 200	1Q10	6,700	ND	420	ND	7.2	0.06	6.2	6,900	ND
Dilution for Methane 200, TSS 2, TDS 20, Nitrate 5	2Q10	6,000	74	460	ND	4.0	0.098	9.3	6,100	ND
MW-34s										
Dilution factor for Methane 10	2Q08	>5700	NS	490	ND	ND	ND	12	3,700	ND
Dilution factor for Methane 10	3Q08	ND	NS	NS	NS	ND	0.34	NS	2,800	NS
Dilution factor for Methane 5	4Q08	2,100	ND	**693**	0.53	0.35 J	ND	23.9	490	ND
Dilution for Ammonia Nitrogen 5, Methane 200	1Q09	NM	NS	NS	ND	ND	ND	NS	7,200	ND
Dilution factor for Methane 100	2Q09	NA	26.4	369	0.16	0.38 J	ND	8.7	8,600	ND
Dilution factor for Methane 50	3Q09	150	56.4	NS	ND	ND	ND	4.9 J	9,600	ND
Dilution factor for Methane 20	4Q09	45	293	462	ND	ND	ND	9.8	4,400	ND
Dilution factor for Nitrate 5, TDS 2, Methane 400	1Q10	9,300	27	400	ND	0.13	ND	2.8	9,200	ND
Dilution for Methane 200, TSS 2, TDS 10, Nitrate 5	2Q10	1,700	20	370	ND	ND	ND	2.8	8,700	ND
MW-35s										
Dilution factor for Methane is 10	2Q08	>5700	2100	***570***	ND	1.8	ND	13	3,900	ND
Dilution factor for Methane is 10	3Q08	ND	85	***520***	ND	1.3	ND	ND	3,600	ND
Dilution factor for Methane 100	4Q08	> 5700	22.4 J	***568***	ND	2.9	0.16	20.6	12,000	ND
Dilution factor for Methane 200	1Q09	1,800	37.6	499	ND	0.8	.087 J	ND	20,000	ND
Dilution factor for Methane 200	2Q09	680	77.6	459	ND	1.1	0.19	9.4	20,000	ND
Dilution factor for Methane 100	3Q09	50	114.0	466	ND	1.4	0.25	ND	17,000	ND
Dilution factor for Methane 50	4Q09	1,100	26.8	***508***	ND	0.84	ND	17.1	8,400	ND
Dilution factor for Nitrate 5, TDS 2, Methane 1000	1Q10	680	ND	460	ND	0.24	0.08	0.9	17,000	ND
Dilution for Methane 400, TSS 2, TDS 20, Nitrate 5	2Q10	76	38	***540***	ND	0.081	0.079	ND	15000	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	**0.0051***
	3Q08	ND	ND	ND	ND	0.16	ND	ND	ND	ND*
	4Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q10	ND	11	ND	0.35	ND	ND	ND	ND	ND*
Dilution factor for Nitrate, Lead, and TDS 5	2Q10	ND	ND	ND	ND	ND	ND	ND	ND	ND*
Rinsate Blank	1Q05	36	ND	ND	ND	ND	ND	ND	ND	NS
	3Q05	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4Q05	ND	ND	ND	ND	ND	ND	ND	ND	NS
	1Q06	ND	ND	ND	ND	ND	ND	ND	ND	NS
	2Q06	120	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q06	250	ND	ND	ND	ND	ND	ND	ND	ND*

TABLE 3

Through 2nd Quarter 2010

Dayco Corporation/L.E. Carpenter Superfund Site
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]
	3Q06	45	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q06	84	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q06	56	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q07	1	ND	2.5	ND	ND	ND	ND	ND	ND*
	2Q07	2	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q07	ND	ND	11	0.17	ND	ND	ND	ND	ND*
	1Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q08	ND	ND	ND	ND	ND	0.15	ND	ND	ND*
	2Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02	4Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-03	4Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02	1Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-03	1Q09	26	ND	ND	ND	ND	ND	ND	ND	ND*
RB-01	2Q09	1	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02	2Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-01	3Q09	32	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02	3Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02	4Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02 Dilution for Nitrate 5, TSS 2	1Q10	1	24	ND	ND	ND	ND	0.66	ND	ND*
RB-02 Dilution for Nitrate 5, TDS 2	2Q10	ND	ND	ND	ND	ND	ND	ND	ND	ND*

Notes:

(1) Sulfate results reported through 4Q06, and starting again in 4Q08, have a dilution factor of 5, except for blank samples or unless otherwise noted.
Sulfate results reported from 1Q07 through 3Q08 have no dilution factor for sulfate unless noted otherwise.

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

(3) MW-19 area monitoring wells (MW-19, MW-19-1, MW-19-2, MW-19-3, MW-19-4, MW-19-5, MW-19-6, MW-19-7, MW-19-10, MW-19-11, GEI-2S, and GEI-2I) were abandoned in 4Q2009.
Therefore, MW-19 area wells have not been sampled for MNA parameters since 1Q10.
MNA monitoring will continue following the installation of the USEPA approved post excavation monitoring well network.

Legend:

NCS: No Criteria Specified by NJDEP

NS = Not Sampled

FS= Samples frozen in transit to lab.

ND = Not Detected

NA = Not Analyzed, due to lack of recharge water

Concentration exceeds NJGWQS | 1.2 |

L Lower Grab Sample

U Upper Grab Sample

* Total Lead

Table 4
Dayco Corporation/L.E. Carpenter Superfund Site
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-19-12	2Q06	0.99	7.29	-33	1046	9	16.06	4	120	100
	3Q06	0.21	7.41	5	1460	18	17.9	4	12	17
	4Q06	0.23	7.60	191	1234	10	16.72	3.5	1000	17
	1Q07	0.18	6.91	-39.6	680	8	12.29	1.5	100	10
	2Q07	2	7.24	137	473	5	18.56	0	110	11
	3Q07	2	7.45	118	463	2	19.2	0	85	0
	4Q07	9	7.55	2.7	439	8.1	9.68	0	110	<10
	1Q08	2	6.72	78.4	197.2	2	7.59	0	40	<10
	2Q08	7.4	7.09	79	386	0.12	13.31	0	110	<10
	3Q08	4.29	7.23	51	369	6	19.58	0	70	12
	4Q08	4.63	6.72	91	500	2	13.64	0.1	110	12
	1Q09	6.47	7.91	72	568	0.5	7.47	0.1	120	<10
	2Q09	9.6	7.59	18	621	7.18	9.29	0	70	6
	3Q09	4.98	7.11	123	464	1	17.23	0	70	13
	4Q09	5.7	7.86	164	507	3	13.16	0	100	15
	1Q10	7.27	7.86	352	207	1	6.65	0	100	20
	2Q10	5.20	7.53	42.2	377	9.30	12.22	NM	NM	NM
MW-8	3Q08	0.06	7.04	-162	571	20	15.63	>20	260	30
	4Q08	0.23	6.99	-51	175	70	12.91	14	40	<100
	1Q09	0.1	8.08	-198	607	52.3	9.19	>10	125	30
	2Q09	0.1	7.16	12.3	268	39	8.11	>20	160	60
	3Q09	0.07	7.14	-165.1	633	13	13.34	>20	150	30
	4Q09	0.07	8.53	-177	442	28	13.01	>20	100	25
	1Q10	0.04	7.51	-193	417	48.9	8.53	>20	160	16
	2Q10	0.04	7.06	-126.5	440	24.2	10.58	>20	120	13
MW-25R	2Q06	0.47	6.77	-102	620	9	14.74	3.5	75	17
	3Q06	0.97	5.57	90.1	572	229	15.67	5	160	350
	4Q06	0.25	7.14	-41.2	517	24	11.33	1.5	90	100
	1Q07	1.8	6.80	-100.4	636	55	7.15	3	100	150
	2Q07	0.35	6.69	-65.8	453	123	14.38	3.5	40	20
	3Q07	1	6.98	-75.3	355	NM-mtr broke	18.93	0.3	75	15
	4Q07	0.6	7.15	30	616	127	6.81	2	100	110
	1Q08	0.34	7.32	-79	639	47.6	7.87	4.5	150	12.5
	2Q08	0.21	7.20	-80	601	46	10.95	4.5	150	15
	3Q08	0.24	6.55	-110.7	446	19.2	15.71	2.5	160	70
	4Q08	1.66	7.25	22.7	227	5.9	9.6	1	70	<10
	1Q09	0.71	7.22	21.8	383	8	5.00	0.5	120	<10
	2Q09	0.58	7.11	-40	376	8	6.48	2	70	7
	3Q09	0.15	6.77	-64	604	19.3	15.93	3	150	20
	4Q09	0.82	8.11	-44	726	121	10.94	2	70	20
	1Q10	3.1	7.08	-46	455	45.4	3.32	2	90	25
	2Q10	1.29	6.98	-56.2	515	117	11.04	2	50	11
MW-27s	2Q06*	1.66	7.74	183	933	>1000	16.65	0	80	<10
	3Q06	0.54	7.72	45	1437	247	19.44	0	200	14
	4Q06	2.36	7.59	134	1275	>1000	16.39	0	<10	20
	1Q07	4	7.15	-10.8	1078	>1000	8.31	NM - sediment	NM - sediment	NM - sediment
	2Q07	8.29	7.09	105.6	765	>1000	15.23	NM - sediment	NM - sediment	NM - sediment
	3Q07	0.4	7.24	27	1017	>1000	17.58	NM - sediment	NM - sediment	NM - sediment
	4Q07	1	7.16	165	1002	997	11.34	NM - sediment	NM - sediment	NM - sediment
	1Q08	1	7.15	71.5	612.7	186	8.41	NM - sediment	NM - sediment	NM - sediment
	2Q08	1	7.18	111.1	735	81.1	11.43	0	22.5	85
	3Q08	3.21	6.21	46	861	184	17.09	0.8	225	135
	4Q08	2.63	6.99	34.4	626	47.2	13.67	NM - ran dry	NM - ran dry	NM - ran dry
	1Q09	1.12	7.35	51.3	522	1000	10.67	0.1	200	20
	2Q09	1.55	8.2	-71	486	62	9.08	0.6	150	15
	3Q09	0.61	7.59	15	675	24.8	15.29	1	250	20
	4Q09	5.12	8.31	-5	1180	108	15.93	NM	NM	NM
	1Q10	3.04	7.82	-84.5	705	107	9.37	0.3	200	20
	2Q10	0.89	7.41	-29.6	669	92	10.28	0.4	70	12
MW-28s	2Q06	0.11	7.69	-478	687	12	14.38	>10	82	37
	3Q06	0.27	5.96	-101.8	831	14	17.69	>20	180	90
	4Q06	0.04	7.22	-146.8	684	20	15.27	>20	200	55
	1Q07	2.1	6.74	-176.2	650	12	9.75	>20	160	22
	2Q07	0.48	7.01	-138.3	568	36	15.36	>20	180	35
	3Q07	0.1	7.1	-132.1	576	9.6	16.99	>20	180	50
	4Q07	0.2	6.86	-120.4	634	7.03	11.97	>20	170	22
	1Q08	0.11	7.3	-169	492	11.3	9.22	15	130	20
	2Q08	0.19	6.57	-52.4	508	9.13	12.25	>10	140	35
	3Q08	0.29	6.91	-65.1	390	9.54	15.33	>20	200	35

Table 4
Dayco Corporation/L.E. Carpenter Superfund Site
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)
	3Q08	1	6.8	-92	494	339	16.5	NM	NM	NM
	4Q08	0.05	6.94	-81.5	395	7.96	13.88	>20	170	<100
	1Q09	0.18	7.59	-15.3	466	9.86	9.63	>20	115	22
	2Q09	0.06	6.75	-76.6	392	9	9.26	>20	150	40
	3Q09	0.06	6.93	-114.2	899	9.66	14.81	>20	160	40
	4Q09	0.4	8.52	-143	830	6	13.25	>20	70	20
	1Q10	0.09	7	-132.9	502	9.6	8.71	20	35	16
	2Q10	0.06	6.99	-109.4	324	9.6	11.41	14	100	13
MW-28i	2Q06	0.23	7.88	-126	756	8	15	>10	135	28
	3Q06	0.51	7.59	-98	649	14	16.42	18	90	27
	4Q06	0.04	7.37	-146.7	598	13	14.82	>20	150	25
	1Q07	0.2	6.80	-173.3	686	4.9	10.7	>20	140	23
	2Q07	0.18	7.07	-170	507	17	14.9	>20	145	24
	3Q07	0.1	7.15	-104.7	536	5.7	16.19	>20	170	30
	4Q07	0.26	6.59	-58.2	677	7.44	11.96	>20	160	20
	1Q08	0.01	6.81	-100.2	400.2	6	10.31	12	135	20
	2Q08	0.2	6.65	-4.8	593	7.75	12.99	>10	170	35
	3Q08	0.21	7.34	-136	530	10	14.94	>20	170	23
	4Q08	0.04	7.28	-68	442	8.81	14.23	>20	160	<100
	1Q09	0.13	7.07	-34	548	7.67	11.19	>20	150	25
	2Q09	0.05	6.35	-29.1	407	20	9.97	>20	100	60
	3Q09	0.52	7.88	-96	1007	4	13.70	20	50	50
	4Q09	0.13	8.43	-146	828	26	13.21	20	70	18
	1Q10	0.08	7.07	145.2	664	7.87	10.00	16	30	15
	2Q10	0.06	7.02	-112.1	372	9.8	12.06	12	70	14
MW-29s	2Q06	3.63	7.32	-32	1021	68	18.45	>10	260	95
	3Q06	0.36	6.73	-109.8	1090	10	20.63	18	310	80
	4Q06	0.05	6.85	-97.9	775	11	17.04	>10	350	65
	1Q07	0.7	6.53	-163.9	902	5.6	8.77	18	240	30
	2Q07	4.03	6.71	-113.8	766	31	18.48	>10	225	25
	3Q07	0.7	6.66	-13.9	881	9.84	21.12	>20	325	100
	4Q07	0.2	7.12	-35	960	8	13.51	>20	285	75
	1Q08	0.21	7.02	-94	1027	9.92	7.87	>10	290	22
	2Q08	0.27	6.89	31.2	935	5.9	12.22	>20	250	70
	3Q08	0.08	6.61	-79.7	456	8.09	20.04	>10	300	130
	4Q08	0.09	6.91	-127	798	6	17.6	>20	250	36
	1Q09	1.14	6.72	62.8	564	6.78	9.00	20	200	50
	2Q09	0.05	7.09	-89.7	578	8	9.13	>20	350	70
	3Q09	0.07	6.47	-115.1	922	9.51	17.91	>20	250	80
	4Q09	0.21	7.85	-99	837	4	16.00	>20	220	90
	1Q10	0.1	7.08	-74	596	7.3	7.50	NM	70	35
	2Q10	0.11	6.70	-98.5	728	8.33	10.64	>20	100	50
MW-30s	2Q06	0.14	6.76	-180	672	34	16.81	>10	78	14
	3Q06	0.39	5.66	73.1	704	155	18.9	18	60	250
	4Q06	0.01	7.09	-146.1	627	94	13.46	>20	200	60
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.34	6.99	-159.4	458	213	18.55	>20	225	40
	3Q07	0.3	7.05	-128.7	696	100	19.15	>20	230	37
	4Q07	0.8	7.45	-50	871	67	7.74	>20	200	43
	1Q08	0.12	7.32	-158	825	113	4.85	>20	NM - sediment	NM - sediment
	2Q08	0.2	7.49	-47.6	484	9.42	11.43	18	160	22.5
	3Q08	0.03	6.93	-128.1	378	11.2	19.06	>10	200	70
	4Q08	0.05	6.66	-2.3	468	9.65	12.93	>20	50	20
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	0.17	6.94	-238	956	9.47	7.67	+20	80	40
	3Q09	0.06	6.93	-118.2	724	9.5	18.26	>20	225	50
	4Q09	0.14	8.57	-151	906	9	12.18	>20	70	25
	1Q10	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q10	1.45	6.92	-91.1	633	18	10.23	>20	100	30
MW-30i	2Q06	0.33	7.70	-194	687	8	15.22	5.5	75	19
	3Q06	0.43	7.52	-63	777	9	17.13	18	180	32
	4Q06	0.2	7.16	-144.2	827	42	14.2	>10	>1000	45
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.33	6.99	-146.8	486	41	15.23	>20	145	25
	3Q07	0.4	7.08	-19.8	661	NM-mtr broke	17.07	>20	200	29
	4Q07	1	7.39	-15	889	136	8.28	>20	200	24
	1Q08	0.13	6.7	-149	784	9.98	8.55	>20	150	18
	2Q08	0.08	7.29	-142	581	21	12.28	16	140	26
	3Q08	0.04	73.11	-136.0	552	8.56	16.62	>10	180	50
	4Q08	0.3	7.43	-133	715	6	13.57	>20	165	27

Table 4
Dayco Corporation/L.E. Carpenter Superfund Site
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)
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	0.32	6.73	-222	930	5.7	8.75	20	50	32
	3Q09	0.05	7.06	-143.2	682	9.62	15.86	18	180	50
	4Q09	0.1	8.46	-148	878	20	12.95	14	100	18
	1Q10	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q10	0.07	7.06	-120.9	605	7.31	9.61	14	70	22
MW-30d	2Q06	0.3	5.35	-131	449	10	14.45	2	100	30
	3Q06	2.49	7	-44	458	15	15.07	2.5	70	70
	4Q06	0.18	7.29	-99	637	33	13.39	5	130	17
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.38	7.03	-95.7	340	69	14.51	3.5	115	12
	3Q07	0.8	7.24	22.6	401	NM-mtr broke	14.73	3	130	13
	4Q07	0.1	7.05	128	500	80	10.02	0.4	100	<10
	1Q08	0.45	6.8	1	487	16.3	9.19	1.5	130	<10
	2Q08	0.32	7.24	-62	504	18	12.87	2	125	14
	3Q08	0.2	7.3	-112.3	328	9.41	15.26	2.5	115	14
	4Q08	0.19	7.48	-114	532	12	12.59	6	125	13
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	0.18	7.03	-197	608	14	10.87	3	80	13
	3Q09	0.22	7.19	-110	450	14.5	13.79	2	130	13
	4Q09	0.18	8.68	-119	635	9	12.61	2	50	11
	1Q10	0.2	7.25	-87	508	9.2	10.25	2	150	11
	2Q10	0.24	7.17	-56.3	377	23.2	10.87	2	40	10
MW-31s	2Q08	0.51	12.47	-192	1,499	>1000	15.74	1	225	0
	3Q08	0.97	6.54	-27	2,130	381	21.79	4.5	1000	400
	4Q08	0.16	8.13	34.7	488	7.64	12.99	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.43	10.98	71	567	15	5.45	0.1	200	0
	2Q09	0.16	8.68	-127.6	540	28	6.61	0.4	225	18
	3Q09	0.24	10.67	-144.1	795	6.22	18.68	0.5	170	NM-No Water
	4Q09	0.54	9.03	-72	1019	37	13.41	>20	100	NM-No Water
	1Q10	2.26	11.57	-148	670	79.4	4.42	0	140	0
	2Q10	1.65	11.26	-116.6	905	3.98	10.38	0	200	0
MW-32s	2Q08	0.33	6.9	-86	1,105	109	12.11	NM-No Water	NM-No Water	NM-No Water
	3Q08	0.07	6.47	-149.6	1,169	15.9	22.56	NM-No Water	NM-No Water	NM-No Water
	4Q08	0.41	6.68	-20.4	799	14	14.72	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.32	6.94	42.1	665	8	5.60	NM-No Water	NM-No Water	NM-No Water
	2Q09	0.29	6.61	-132.8	659	12	6.62	>20	250	80
	3Q09	0.19	6.63	-111.4	952	5.17	18.70	>20	500	100
	4Q09	0.3	7.77	-53	1276	169	13.04	NM-No Water	NM-No Water	NM-No Water
	1Q10	0.45	6.68	-82	687	10.3	3.89	>20	200	30
	2Q10	0.27	6.64	-106.0	825	5.38	10.50	>20	200	30
MW-33s	2Q08	0.77	7.29	-74	650	682	12.98	18	180	70
	3Q08	2.55	6.06	NM	616	148	26.4	>20	310	200
	4Q08	0.21	6.44	5.7	607	14	13.1	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.37	5.2	168.5	567	38	5.29	>20	225	60
	2Q09	0.61	6.79	-39.4	577	38.6	5.86	>20	350	80
	3Q09	0.18	6.56	-82.7	1226	16.9	17.63	>20	500	150
	4Q09	2.96	7.79	-46	1381	314	14.13	>20	400	35
	1Q10	0.93	6.79	-96.7	776	52.3	4.20	>20	300	25
	2Q10	3.19	6.69	-82.1	1055	32.9	9.50	>20	300	50
MW-34s	2Q08	0.51	7.01	-111	794	7	14.84	NM-No Water	NM-No Water	NM-No Water
	3Q08	0.15	6.4	-136.3	1240	12.1	20.19	NM-No Water	NM-No Water	NM-No Water
	4Q08	0.48	6.62	50.7	686	13.5	14.83	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.27	7.33	23.9	557	9	5.90	NM-No Water	NM-No Water	NM-No Water
	2Q09	0.44	7.32	-82.5	488	10	6.57	8	300	30
	3Q09	0.36	6.51	-89	761	6.08	17.40	NM-No Water	NM-No Water	NM-No Water
	4Q09	2.72	7.66	-30	966	31	13.15	NM-No Water	NM-No Water	NM-No Water
	1Q10	0.53	6.74	-58	500	13.1	4.31	20	70	20
	2Q10	0.39	6.58	-74.5	576	26.7	9.57	>20	250	35
MW-35s	2Q08	0.37	6.78	-56	917	>1000	11.51	>20	310	70
	3Q08	1.5	6.35	-55	736	65	19.23	>20	260	50
	4Q08	1.35	6.87	-30.2	848	38.5	14.18	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.15	7.28	3.3	607	59	5.81	>20	225	30
	2Q09	0.21	7.36	-121.9	683	53	6.40	>20	300	30
	3Q09	0.2	6.65	-108.2	896	22.2	17.49	>20	275	80
	4Q09	3.69	8.14	-56	1109	29	13.15	>20	350	30
	1Q10	0.4	6.72	-72	556	141	4.09	>20	200	25
	2Q10	0.24	6.48	-59.5	710	46.5	10.45	>20	250	30

Table 4
Dayco Corporation/L.E. Carpenter Superfund Site
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 (^oC)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)

Notes:

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

Groundwater monitoring wells MW-19, MW-19-1, MW-19-2, MW-19-3, MW-19-4, MW-19-5, MW-19-6, MW-19-7, MW-19-10, MW-19-11, GEI-2S, and GEI-2I were abandoned in October 2009.

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

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

NS = Not Sampled

NM = Not Measured

L Lower Grab Sample

U Upper Grab Sample

* Well was not stabalized due to well going dry.

Table 5
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
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-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii (4)			0.5		0.5		0.5		1.5		0.95	
SW-D-1												
*	8-Apr-05	2Q05	<	0.2	<	0.20	<	0.20	<	0.60	<	1.0
	26-Jul-05	3Q05	<	0.2	<	0.2	**J**	**0.5**	<	0.6	<	1.0
	26-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	**J**	**2.0**
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	**J**	**0.2**	<	0.6	**J**	**11.0**
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		**7.3**
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		**4.9**	<	1.2
Dilution factor for DEHP 1.03	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.33	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.3
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9		**12.0**
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**2.0**
	21-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**1.0**
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**1.0**
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5		**51.0**
	19-Apr-10	2Q10	<	0.5	<	0.50	<	0.5	<	1.5	<	0.95
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**
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6		**13**
Dilution factor for DEHP 5	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9		**230**
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**1.0**
	6-Apr-09	2Q09D	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**1.0**
	21-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**4.0**
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**2.0**
	10-Nov-09	4Q09D	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**5.0**

Table 5
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
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-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii (4)			0.5		0.5		0.5		1.5		0.95	
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5		**18.0**
	19-Apr-10	2Q10	<	0.5		**0.75**	<	0.5		**1.6**	<	0.95
	19-Apr-10	2Q10D	<	0.5		**0.78**	<	0.5		**1.7**	<	0.95
SW-D-3												
	8-Apr-05	2Q05	<	0.2		**21.0**	<	0.2		**79.0**	**J**	**2.0**
	26-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	**J**	**1.1**	**J**	**7.0**
	26-Oct-05	4Q05	<	0.2	**J**	**0.4**	<	0.2	**J**	**1.4**	<	1.0
	27-Feb-06	1Q06	<	0.2		**1.1**	<	0.2		**3.9**	**J**	**6.0**
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	**J**	**3.0**
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	**J**	**1.0**
	11-Sep-06	3Q06D	<	0.2	<	0.2	<	0.2	<	0.6	**J**	**3.0**
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0		**3.3**
	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		**1.6**
Dilution factor for DEHP 1.1	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.05	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		**3.8**	<	1.0
	18-Feb-08	1Q08D	<	1.0	<	1.0	<	5.0		**3.8**	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9		**14.0**
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	21-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**1.0**
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5		**3.0**
	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-D-4												
	20-Jun-06	2Q06	<	0.2	<	0.2	**J**	**0.4**	<	0.6	**J**	**3.0**
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	**J**	**2.0**
	9-Nov-06	4Q06	<	0.2	**J**	**0.4**	<	0.2	**J**	**0.6**	<	0.9
	7-Feb-07	1Q07	<	1.0		**2.0**	<	5.0		**3.8**		**3.3**
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		**1.0**
	4-Dec-07	4Q07	<	1.0		**1.4**	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.08	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		**4.1**	<	1.1
Dilution factor for DEHP 1.08	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		**9.2**
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9		**21.0**	<	0.8		**20.0**		**29.0**
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**2.0**
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**2.0**
	20-Jul-09	3Q09D	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**2.0**
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**1.0**

Table 5
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
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-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii (4)			0.5		0.5		0.5		1.5		0.95	
Dilution factor for DEHP 2	13-Feb-10	1Q10	<	0.5		**0.96**	<	0.5	<	1.5		**150.0**
	13-Feb-10	1Q10D	<	0.5		**0.91**	<	0.5	<	1.5		**43.0**
	19-Apr-10	2Q10	<	0.5		**15**	<	0.5		**48.0**	<	0.95
SW-D-5												
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	**J**	**10.0**
	6-Nov-06	4Q06	<	0.2	**J**	**0.2**	<	0.2	**J**	**0.8**	<	0.9
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		**3.4**
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.1	3-Dec-07	4Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.03	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	**J**	**4.0**
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	**J**	**2.0**
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5		**0.59**	<	0.5	<	1.5	<	0.94
	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
DRC-2												
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	**J**	**0.5**	<	0.2	**J**	**1.9**	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
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

Table 5
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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-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii (4)			0.5		0.5		0.5		1.5		0.95	
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	**J**	**0.2**	<	0.2	**J**	**1.1**	<	1.0
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		**1.3**
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0		**1.2**	<	5.0		**5.9**	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5		**0.55**	<	0.5		**2.8**	<	0.95
	19-Apr-10	2Q10	<	0.5		**0.64**	<	0.5		**2.5**	<	0.95
SW-R-2												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	**J**	**0.5**	<	0.2	**J**	**2.3**	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06D	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		**1.7**
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.14	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	19-Apr-10	2Q10	<	0.5		**0.5**	<	0.5		**2.0**	<	0.95
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

Table 5
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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-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii (4)			0.5		0.5		0.5		1.5		0.95	
	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		**3.9**
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.05	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
Dilution factor for DEHP 10	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		**150**
	21-Jul-08	3Q08R		NA		NA		NA		NA		**26**
	15-Aug-08	3Q08(2)	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	15-Aug-08	3Q08(3)	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Oct-08	4Q08D	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	12-Jan-09	1Q09D	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-R-4												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		**19.0**
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	21-Jul-08	3Q08D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95

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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-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii (4)			0.5		0.5		0.5		1.5		0.95	
	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-R-5												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	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
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
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

Table 5
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
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-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii (4)			0.5		0.5		0.5		1.5		0.95	
RB-01	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
RB-01	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
RB-01	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	1.0
RB-01	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	1.0

LEGEND

NA = Not Applicable

NS = Not Sampled

D = Duplicate sample

R = Sample was re-run by the laboratory

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)

Concentration exceeds NJSWQS (SW-R-6 concentrations) **38.0**

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)

NOTES

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

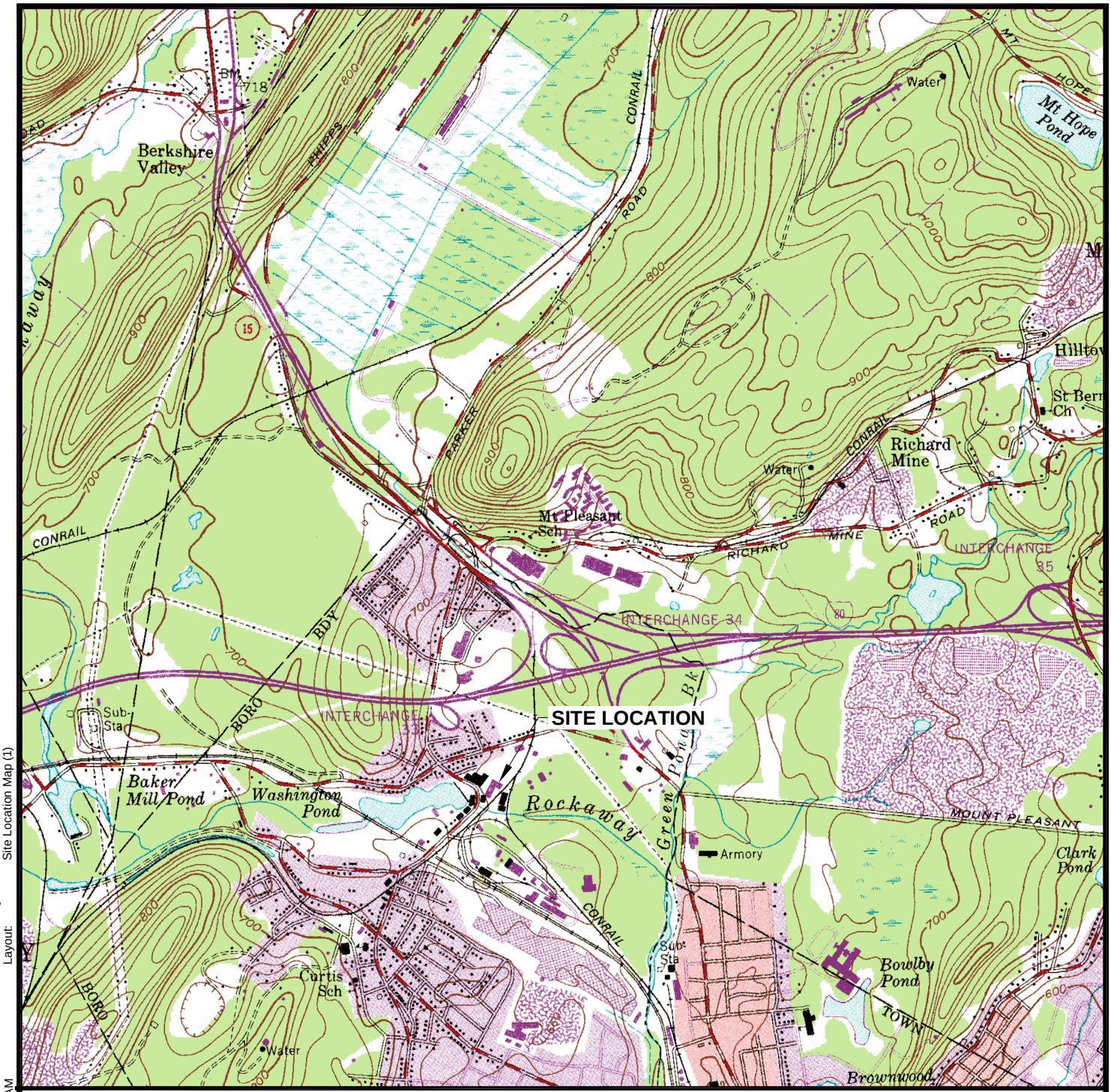
(1) One surface water sample was collected near the edge of the river immediately adjacent to the location of absorbent booms that were placed in order to prevent any migration into the river of sheen observed on top of quiescent water ponded within the wetland area. Due to bottle mislabeling and laboratory error, each of the five river sample bottles (R-1 through R-5) were analyzed individually instead of as a whole set. The highest concentration detected in any of the five laboratory results for the river sample are listed under SW-R-1 for April 2005.

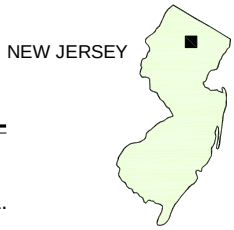
(2) Due to believed lab contamination of the original sample, surface water location SW-R-3 was resampled and the sample alaquot was split between two labs. These results are from Environmental Science Corporation (ESC).

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

(4) Per NJDEP request, along with a change in laboratories, the detection limits for the Site COCs were lowered.

Figures





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

DAYCO CORPORATION / L.E. CARPENTER SUPERFUND SITE
WHARTON, NEW JERSEY

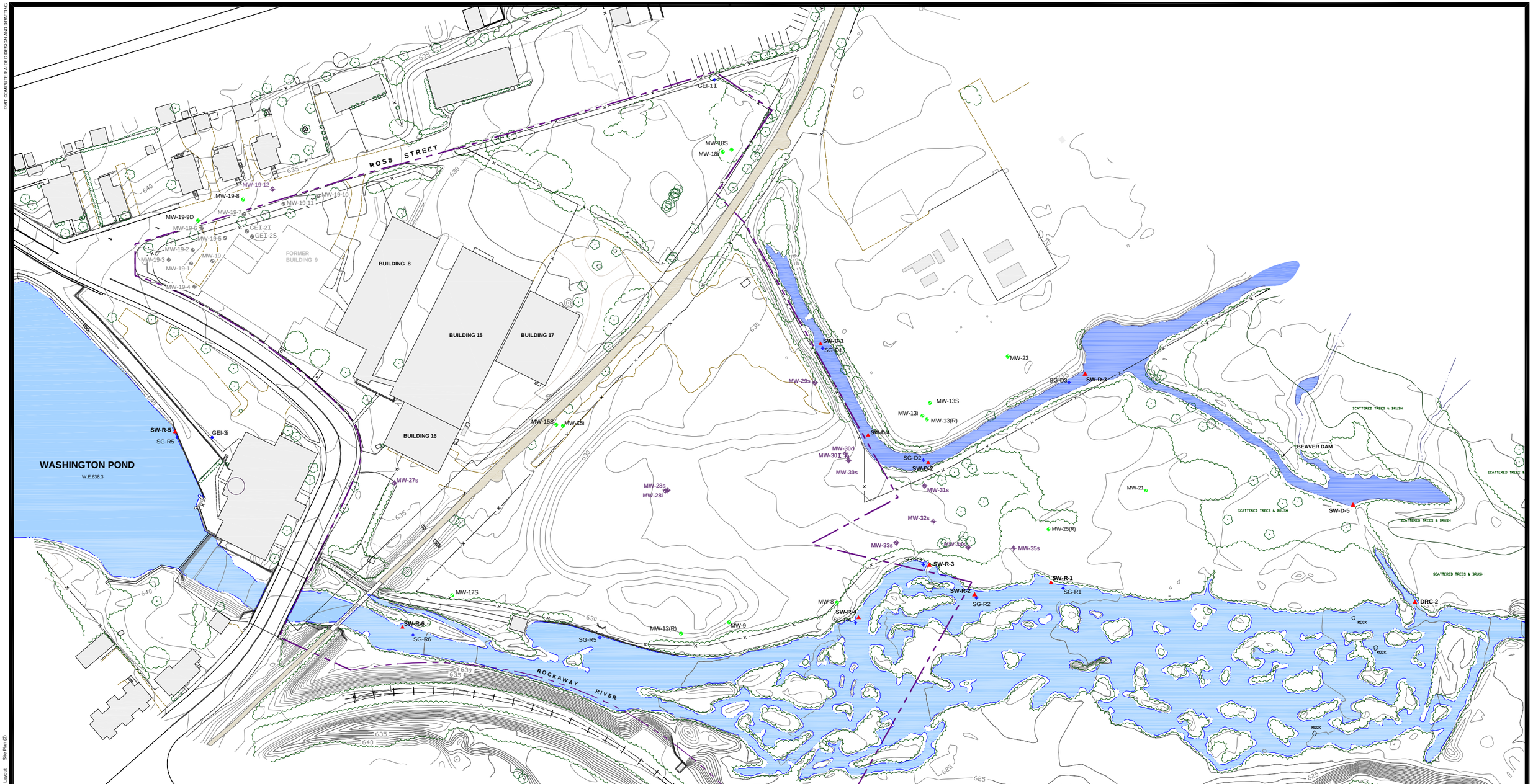
SITE LOCATION MAP
2nd QUARTER 2010

DRAWN BY:	SJL
CHECKED BY:	JEO
APPROVED BY:	JDD, NC
DRAWING SCALE:	SHOWN
PROJECT NUMBER:	J:\00-01545\41
FILE NUMBER:	01545.41.01.dwg
DATE:	August 2010

FIGURE 1

PLOT DATA:
Drawing Name: J:\00-01545\41\01545.41.01.dwg Dwg Size: 0.10 Mb
Operator Name: LUCIDO, SAM Plot Date: August 12, 2010
Drawing Plot Scale: 0.000500 Plot Time: 7:11 AM

Attached Xref's: Dover New Jersey; RMT Logostrip (CLR);
Attached Images: Site Location Map (1)
Layout:



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)
- MW-19-1 — ABANDONED MONITORING WELL LOCATION AND NUMBER
- 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

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. MW-19 HOT SPOT ONE WELL ABANDONMENTS OCCURRED ON OCTOBER 13 - 15, 2009.

N

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

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

DAYCO CORPORATION / L.E. CARPENTER
SUPERFUND SITE
WHARTON, NEW JERSEY

SITE PLAN WITH SAMPLE LOCATIONS
2nd QUARTER 2010

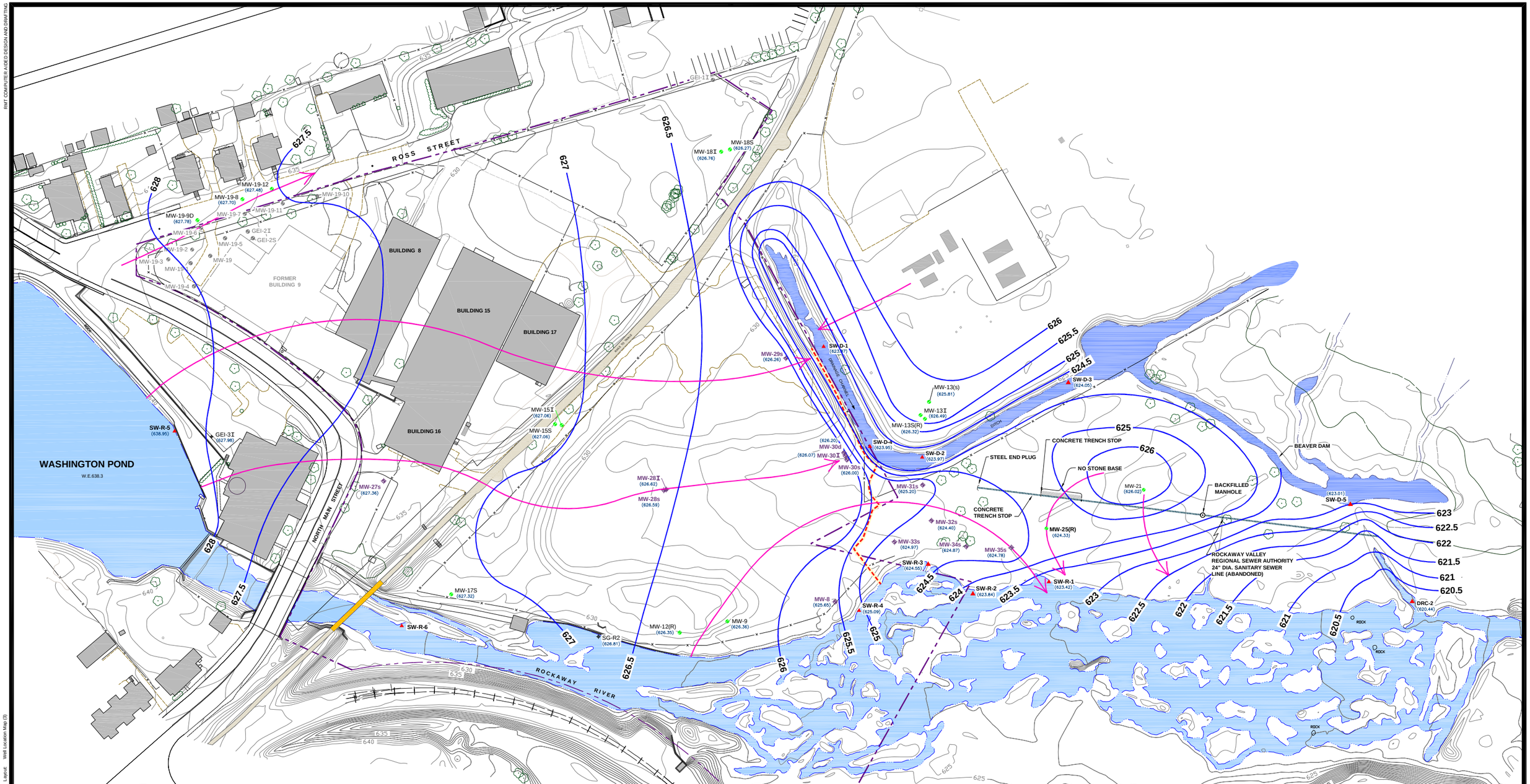
DRAWN BY:	SJL	DRAWING SCALE:	PROJECT NO. J:\00-01545\41
CHECKED BY:	JEO	SHOWN	FILE NO. 01545.41.02.dwg
APPROVED BY:	JDD	DATE PRINTED:	**FIGURE 2**
DATE:	August 2010		

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:\00-01545\41\01545.41.02.dwg Dwg Size: 0.34 Mb
Operator Name: LUCIDO, SAM Plot Date: March 2008
Drawing Plot Scale: 1:40 Plot Time: 7:17 AM
Layout: Site Plan (2)

RMT COMPUTER AIDED DESIGN AND DRAFTING



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)
- MW-19-1 — ABANDONED MONITORING WELL LOCATION AND NUMBER
- 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)
- (627.04) — GROUND WATER ELEVATION
- 626 — SHALLOW GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- 630 — POST-REMEDIATION GROUND SURFACE ELEVATIONS
- 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.				

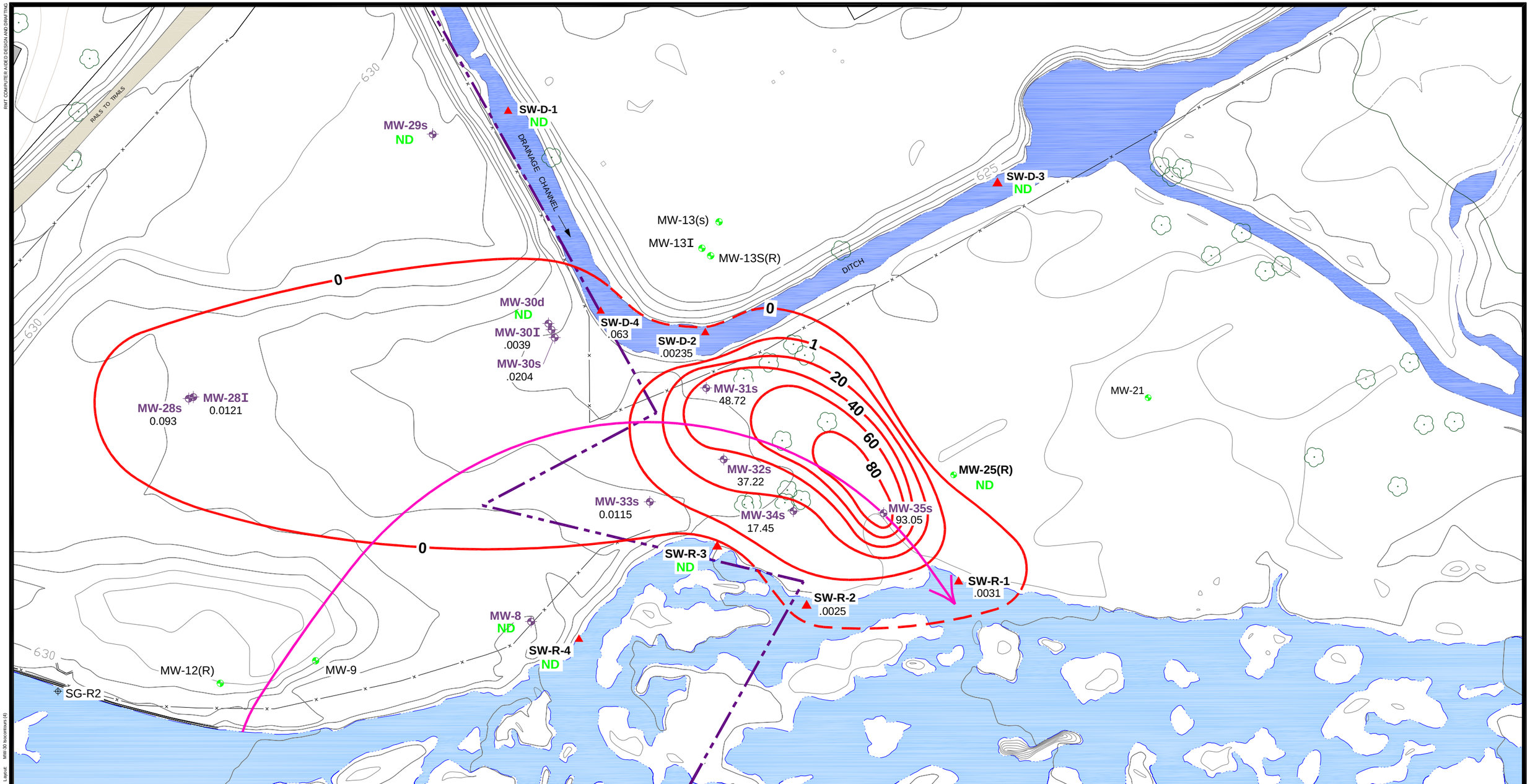
DAYCO CORPORATION / L.E. CARPENTER SUPERFUND SITE
WHARTON, NEW JERSEY

SITE-WIDE SHALLOW GROUNDWATER ELEVATION CONTOURS
2nd QUARTER 2010

DRAWN BY: SJL	DRAWING SCALE:	PROJECT NO.	J:\00-01545\41
CHECKED BY: JEO	AS INDICATED	FILE NO.	01545.41.03.dwg
APPROVED BY: JDD	DATE PRINTED:	**FIGURE 3**	
DATE: August 2010			

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

Drawing Name: J:\00-01545\41\01545.41.03.dwg Dwg Size: 0.27 Mb
Operator Name: LUCIDO, SAM Plot Date: April 2008
Drawing Plot Scale: 1:40 Plot Time: 7:17 AM
Layout: Well Location Map (3)



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)
- 630 — POST-REMEDIATION GROUND SURFACE ELEVATIONS
- 20 — ISOCONCENTRATION FOR TOTAL MAXIMUM (BTEX) ppm IN GROUNDWATER
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- 0.005 — TOTAL (BTEX) ppm IN GROUNDWATER
- ND — NOT DETECTED

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 30' 60' 90' 120'
SCALE IN FEET

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

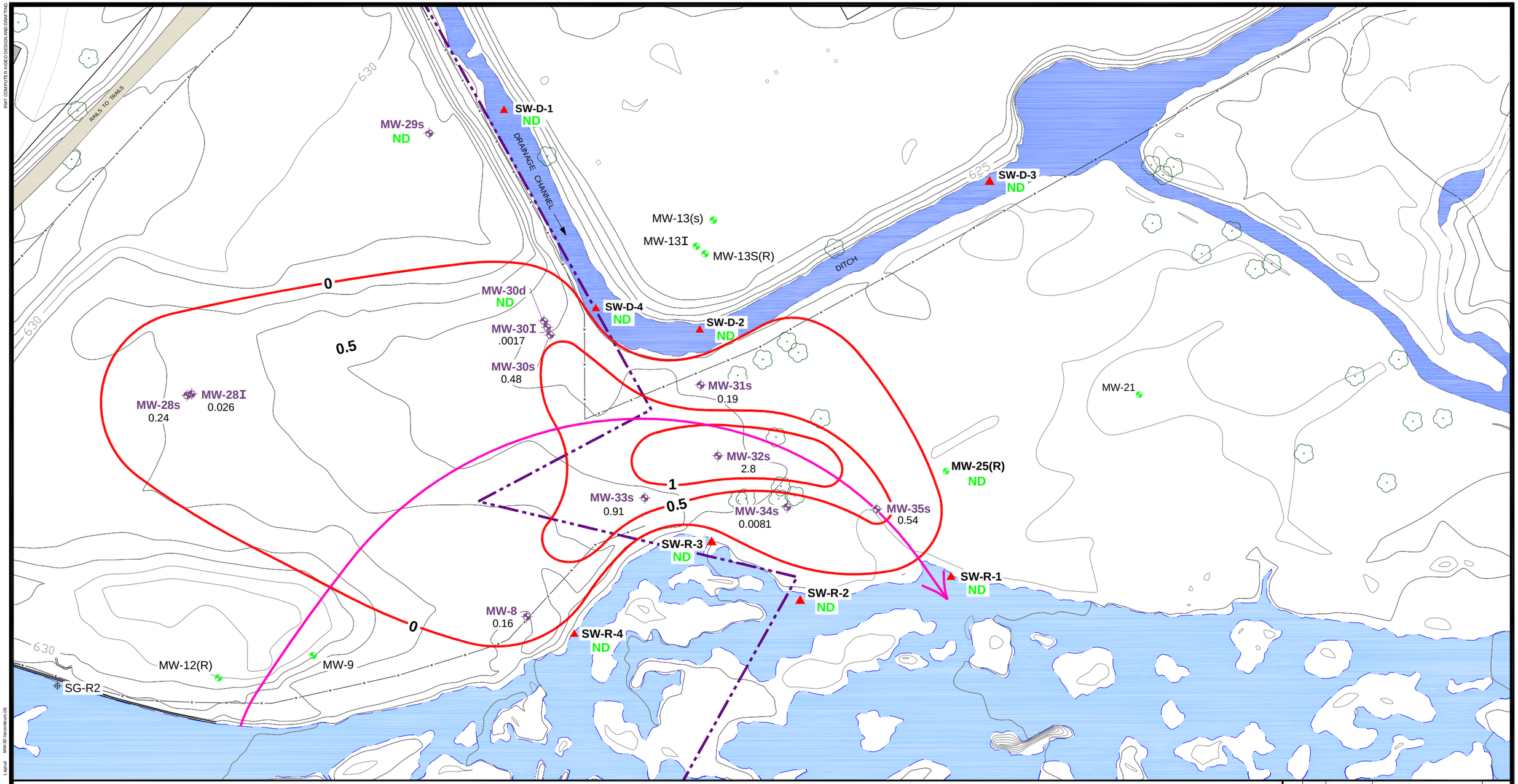
DAYCO CORPORATION / L.E. CARPENTER
SUPERFUND SITE
WHARTON, NEW JERSEY

MW-30 TOTAL BTEX ISOCONCENTRATION MAP
2nd QUARTER 2010

DRAWN BY: SJL	DRAWING SCALE:	PROJECT NO.	J:\00-01545\41
CHECKED BY: JEO	AS INDICATED	FILE NO.	01545.41.04.dwg
APPROVED BY: JDD	DATE PRINTED:	**FIGURE 4**	
DATE: August 2010			

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

RMT COMPUTER AIDED DESIGN AND DRAFTING
Layout: MW-30 Isoconcentration (4)
Drawing Name: J:\00-01545\41\01545.41.04.dwg Dwg Size: 0.23 Mb
Operator Name: LUCIDO, SAM Plot Date: April 2008
Drawing Plot Scale: 1:40 Plot Time: 7:19 AM



LEGEND

- APPROXIMATE PROPERTY LINE
- FENCE LINE
- TREES
- MW-25(R) — GROUNDWATER ELEVATION MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)
- MW-29s — PRMP MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)
- SG-R1 — RIVER POINT SURFACE WATER ELEVATION
- SG-D1 — DRAINAGE CHANNEL POINT SURFACE WATER ELEVATION
- GEI-2i — PIEZOMETER LOCATION
- SW-R-1 — SURFACE WATER SAMPLING LOCATION (D = DITCH; R = RIVER)
- 630 — POST-REMEDIATION GROUND SURFACE ELEVATIONS
- 20 — ISOCONCENTRATION FOR (DEHP) ppm IN GROUNDWATER
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- 0.005 — TOTAL (DEHP) ppm IN GROUNDWATER
- ND — NOT DETECTED

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 30' 60' 90' 120'
SCALE IN FEET

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

DAYCO CORPORATION / L.E. CARPENTER SUPERFUND SITE
WHARTON, NEW JERSEY

MW-30 DEHP ISOCONCENTRATION MAP
2nd QUARTER 2010

DRAWN BY:	SJL	DRAWING SCALE:	PROJECT NO. J:\00-01545\41
CHECKED BY:	JEO	AS INDICATED	FILE NO. 01545.41.05.dwg
APPROVED BY:	JDD	DATE PRINTED:	**FIGURE 5**
DATE:	August 2010		

RMT

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

RMT COMPUTER AIDED DESIGN AND DRAFTING
Layout: MW-30 Isoconcentr. (4)
Drawing Name: J:\00-01545\01545.41.05.dwg Dwg Size: 0.20 Mb
Operator Name: LUCIDO, SAM Plot Date: April 2008
Drawing Plot Scale: 1:40 Plot Time: 7:16 AM

Appendix A
Field Data Forms

RMT

ENVIRONMENT • ENERGY • ENGINEERING

PROJECT NAME:	LE Carpenter
PROJECT NUMBER:	01545.41.001
PROJECT MANAGER:	J. Overvoorde
SITE LOCATION:	170 N. Main Street Wharton, NJ 07885
DATES OF FIELDWORK:	4/19/2010 TO 4/22/2010
PURPOSE OF FIELDWORK:	2Q10 Sampling Event
WORK PERFORMED BY:	Scott Pawlukiewicz

S Pawlukiewicz 4/22/10

SIGNED DATE

CHECKED BY DATE

RMT

GENERAL NOTES

PROJECT NAME: LE Carpenter	DATE: 4/19/10	TIME ARRIVED: 0700
PROJECT NUMBER: 01545.41.001	AUTHOR: Scott Pawlukiewicz	TIME LEFT: 1800

WEATHER

TEMPERATURE: 45-65 °F WIND: 5-15 MPH VISIBILITY: CLEAR

WORK / SAMPLING PERFORMED

- Site-Wide WL's.
- Collect SW Samples [DRC-02, SW-D-5, SW-R-1, SW-R-2, SW-R-3, SW-R-4, SW-D-4 (MS/MSD), SW-R-6, SW-D-3, SW-D-2 (Dup-01), SW-D-1, RB-01]
- Purge wetland wells [MW-31s, MW-32s, MW-33s, MW-34s, MW-35s]
- Purge MW-27s dry.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
—	—

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
J. Overwonde	RMT	Status Update.

S. Pawlukiewicz 4/19/10
SIGNED DATE

Scott Mulvill 4-30-10
CHECKED BY DATE

RMT

GENERAL NOTES

PROJECT NAME: LE Carpenter	DATE: 4/20/10	TIME ARRIVED: 0700
PROJECT NUMBER: 01545.41.001	AUTHOR: Scott Pawlukiewicz	TIME LEFT: 1545

WEATHER

TEMPERATURE: 45-70 °F WIND: 5-15 MPH VISIBILITY: CLEAR

WORK / SAMPLING PERFORMED

GW Sample: MW-19-12, MW-29s, MW-25(R), MW-8, ATM-01.
- Collect Sample From MW-27s.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
—	—

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
J. Overwoodde	RMT	Status Update.

S. Pawlukiewicz 4/20/10
SIGNED DATE

Scott Mulholland 4-30-10
CHECKED BY DATE

RMT

GENERAL NOTES

PROJECT NAME: LE Carpenter	DATE: 4/21/10	TIME ARRIVED: 0700
PROJECT NUMBER: 01545.41.001	AUTHOR: Scott Pawlukiewicz	TIME LEFT: 1745

WEATHER

TEMPERATURE: 60-70 °F WIND: 5-15 MPH VISIBILITY: CLEAR

WORK / SAMPLING PERFORMED

SAMPLE: MW-30D (MS/MSD), MW-30i, MW-30S (DUP-02), MW-28i, MW-28S.
: COLLECT RINSE BLANK, RB-02, FROM RMT BLADDER PUMP.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
—	—

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
J. OVERNOORDE	RMT	STATUS UPDATE

S Pawlukiewicz 4/21/10
SIGNED DATE

Scott Muddlebrook 4-30-10
CHECKED BY DATE

RMT

GENERAL NOTES

PROJECT NAME: LE Carpenter	DATE: 4/22/10	TIME ARRIVED: 0700
PROJECT NUMBER: 01545.41.001	AUTHOR: Scott Pawlukiewicz	TIME LEFT: 1700

WEATHER

TEMPERATURE: 45-70 °F WIND: 0-10 MPH VISIBILITY: Partly cloudy

WORK / SAMPLING PERFORMED

- Sample: MW-32s, MW-33s, MW-31s, MW-34s, MW-35s.
- Perform site inspection.
- Change-out absorbent booms near SW-R-1 and SW-O-4 (ditch).

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
—	—

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
S. Overvoorde	RMT	Progress Update

S Pawlukiewicz 4/22/10
SIGNED DATE

Scott Muldebrook 4-30-10
CHECKED BY DATE

RMT

EQUIPMENT SUMMARY

PROJECT NAME:	LE Carpenter	SAMPLER NAME:	Scott Pawlukiewicz
PROJECT NO.:	01545.41.001		

WATER LEVEL MEASUREMENTS COLLECTED WITH:

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

PRODUCT LEVEL MEASUREMENTS COLLECTED WITH:

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

DEPTH TO BOTTOM OF WELL MEASUREMENTS COLLECTED WITH:

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

PURGING METHOD

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

SAMPLING METHOD

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

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

TUBING TYPE	
DISPOSABLE POLY TUBING	☑ LOW-FLOW SAMPLING EVENT

PURGE WATER DISPOSAL METHOD

☐ GROUND ☐ DRUM ☐ POTW ☑ POLYTANK ☐ OTHER _____

DECONTAMINATION AND FIELD BLANK WATER SOURCE

POTABLE WATER SOURCE	DI WATER SOURCE
STORE BOUGHT	STORE BOUGHT

SIGNED	DATE	CHECKED BY	DATE
S. Pawlukiewicz	4/19/10	Scott Mulldler	4-30-10

RMT

WATER LEVEL DATA

PROJECT NAME:	LE Carpenter	DATE:	4-19-10
PROJECT NUMBER:	01545.41.001	AUTHOR:	Scott Pawlukiewicz

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-19-8	0817		7.66			
MW-19-9D	0815		7.52			
MW-19-12	0820		6.98	16.60		
GEI-3I	0808		11.27			
MW-15S	0831		9.11			
MW-15I	0830		9.00			
MW-18S	0824		4.39			
MW-18I	0825		3.68			
MW-17S	0836		6.87			
MW-12R	0841		7.38			
MW-9	0844		3.22			
MW-8	0847		2.54	20.15		
MW-13S	1237		4.82			
MW-13I	1238		3.57			
MW-13S (R)	1239		3.67			
MW-25R	0914		2.29	8.81		
MW-21	0910		2.18			
MW-27S	0805		7.71	12.93		
MW-28S	0853		4.55	17.51		
MW-28I	0852		4.42	22.71		
MW-29S	0857		6.40	14.60		
MW-30S	0903		2.24	11.96		
MW-30I	0901		1.94	17.98		

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

S Pawlukiewicz 4/19/10
SIGNED DATE

Scott Mulhollan 4-30-10
CHECKED DATE

RMT

WATER LEVEL DATA

PROJECT NAME:	LE Carpenter	DATE:	4-19-10
PROJECT NUMBER:	01545.41.001	AUTHOR:	Scott Pawlukiewicz

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-30D	0900		1.82	NM	–	
MW-31s	0921		4.62		–	
MW-32s	0926		5.78	5.76	5.76	
MW-33s	0931		5.94		–	
MW-34s	0940		5.06		–	
MW-35s	0918		4.41		–	
SW-D-1	1310		1.88			
SW-D-2	1300		2.10	(Dup-01)		
SW-D-3	1250		1.65			
SW-D-4	1200		0.98	(MS/MSD)		
SW-D-5	1055		3.85			
SW-R-1	1115		2.45			
SW-R-2	1125		2.70			
SW-R-3	1132		1.70			
SW-R-4	1140		2.48			
SW-R-5	0809		1.71			
SW-R-6	1220		—			
DRC-2	1045		2.85			
SG-R2	1205		2.60			
RB-01	1325		—	Rinse Blank, SW Scoop.		

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

S. Pawlukiewicz 4/19/10
SIGNED DATE

Scott Middlebrook 4-30-10
CHECKED DATE

RMT

WATER QUALITY METER CALIBRATION LOG

PROJECT NAME:	LE Carpenter	MODEL:	451 556	SAMPLER:	SP
PROJECT NO.:	01545.41.001	SERIAL #:	~~PROJECT~~ 6R	DATE:	4/19/10

PH CALIBRATION CHECK

pH 7 (LOT #): 2906678 (EXP. DATE): 6/2011 POST-CAL. READING / STANDARD	pH 4 / 10 (LOT #): 2907202 (EXP. DATE): 6/2011 POST-CAL. READING / STANDARD	CAL. RANGE	TIME
7.02 / 7.000	3.90 / 4.00	☑ WITHIN RANGE	1415
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): 9A1173 (EXP. DATE): 9/2010 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
1097 / 1099	13.31	☑ WITHIN RANGE	1418
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 09M100059 (EXP. DATE): 12/2011 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
247 / 244	15.00	☑ WITHIN RANGE	1421
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	CAL. RANGE	TIME
9.00	☑ WITHIN RANGE	1423
	☐ WITHIN RANGE	
	☐ WITHIN RANGE	
	☐ WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU) (LOT #): (EXP. DATE): POST-CAL. READING / STANDARD	(LOT #): (EXP. DATE): POST-CAL. READING / STANDARD	CAL. RANGE	TIME
750/800 / 85/100	18/20 / 10.23/20.1	☑ WITHIN RANGE	1405
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

COMMENTS

☐ AUTOCAL SOLUTION (LOT #): (EXP. DATE):	☐ STANDARD SOLUTION (S) LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK
CALIBRATED PARAMETERS	CALIBRATION RANGES [1]
☐ pH	pH: +/- 0.2 S.U.
☐ COND	COND: +/- 1% OF CAL. STANDARD
☐ ORP	ORP: +/- 25 mV
☐ D.O.	D.O.: VARIES
☐ TURB	TURB: +/- 5% OF CAL. STANDARD
☐ _____	[1] CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER
☐ _____	

NOTES

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

S. Pawlikiewicz 4/19/10
SIGNED DATE

Scott Mudlebrook 4-30-10
CHECKED BY DATE

RMT

WATER QUALITY METER CALIBRATION LOG

PROJECT NAME:	LE Carpenter	MODEL:	YSI 556	SAMPLER:	SP
PROJECT NO.:	01545.41.001	SERIAL #:	~~PROJECT~~ 68	DATE:	4/20/10

PH CALIBRATION CHECK

pH 7 (LOT #): 2906678 (EXP. DATE): 8/2011 POST-CAL. READING / STANDARD	pH 4 / 10 (LOT #): 2907263 (EXP. DATE): 6/2011 POST-CAL. READING / STANDARD	CAL. RANGE	TIME
7.02 / 7.00	4.06 / 4.00	☑ WITHIN RANGE	0726
7.00 / 7.00	4.02 / 4.00	☐ WITHIN RANGE	1423
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): 9A1173 (EXP. DATE): 9/2010 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
1030 / 1021	10.48	☑ WITHIN RANGE	0723
1192 / 1181	16.39	☐ WITHIN RANGE	1426
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 09M100059 (EXP. DATE): 12/2011 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
248 / 251	9.25	☑ WITHIN RANGE	0729
229 / 248	17.57	☐ WITHIN RANGE	1428
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	CAL. RANGE	TIME
9.59	☐ WITHIN RANGE	0736
8.50	☐ WITHIN RANGE	1430
	☐ WITHIN RANGE	
	☐ WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU) (LOT #): / (EXP. DATE): / POST-CAL. READING / STANDARD	(LOT #): / (EXP. DATE): / POST-CAL. READING / STANDARD	CAL. RANGE	TIME
696 / 800	87/100 / 19.3/20	☑ WITHIN RANGE	0735
/	10.2/20.1	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

COMMENTS

☐ AUTOCAL SOLUTION (LOT #): (EXP. DATE):	☐ STANDARD SOLUTION (S) LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK
CALIBRATED PARAMETERS	CALIBRATION RANGES [1]
☐ pH	pH: +/- 0.2 S.U.
☐ COND	COND: +/- 1% OF CAL. STANDARD
☐ ORP	ORP: +/- 25 mV
☐ D.O.	D.O.: VARIES
☐ TURB	TURB: +/- 5% OF CAL. STANDARD
☐ _____	[1] CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER
☐ _____	

NOTES

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

S Pawlowski 4/20/10
SIGNED DATE

Scott Middlebrook 4-30-10
CHECKED BY DATE

RMT

WATER QUALITY METER CALIBRATION LOG

PROJECT NAME:	LE Carpenter	MODEL: YSI 556	SAMPLER: SP
PROJECT NO.:	01545.41.001	SERIAL #: ~~PROJECT~~ 6R	DATE: 4/21/10

PH CALIBRATION CHECK

pH 7 (LOT #): 2906678 (EXP. DATE): 6/2011 POST-CAL. READING / STANDARD	pH 4 / 10 (LOT #): 2907203 (EXP. DATE): 6/2011 POST-CAL. READING / STANDARD	CAL. RANGE	TIME
6.96 / 7.00	4.00 / 4.00	☑ WITHIN RANGE	0732
7.13 / 7.00	5.25 / 4.00	☐ WITHIN RANGE	1209
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): 9A1173 (EXP. DATE): 9/2010 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
1035 / 1071	12.35	☑ WITHIN RANGE	0734
1190 / 1195	16.95	☐ WITHIN RANGE	1210
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 9M100059 (EXP. DATE): 12/2011 POST-CAL. READING / STANDARD	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
244 / 247	12.20	☑ WITHIN RANGE	0735
217 / 239	17.87	☐ WITHIN RANGE	1212
/		☐ WITHIN RANGE	
/		☐ WITHIN RANGE	

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	CAL. RANGE	TIME
8.25	☐ WITHIN RANGE	0737
8.00	☐ WITHIN RANGE	1214
	☐ WITHIN RANGE	
	☐ WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU) (LOT #): (EXP. DATE): POST-CAL. READING / STANDARD	(LOT #): (EXP. DATE): POST-CAL. READING / STANDARD	CAL. RANGE	TIME
710 / 800 / 90 / 100	19/20 / 0.2/20.0	☑ WITHIN RANGE	0736
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	
/	/	☐ WITHIN RANGE	

COMMENTS

☐ AUTOCAL SOLUTION (LOT #): (EXP. DATE):	☐ STANDARD SOLUTION (S) LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK
CALIBRATED PARAMETERS	CALIBRATION RANGES [1]
☐ pH	pH: +/- 0.2 S.U.
☐ COND	COND: +/- 1% OF CAL. STANDARD
☐ ORP	ORP: +/- 25 mV
☐ D.O.	D.O.: VARIES
☐ TURB	TURB: +/- 5% OF CAL. STANDARD
☐ _____	[1] CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER
☐ _____	

NOTES

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

S. Pawlikowski 4/21/10
SIGNED DATE

Scott Middlebrook 4-30-10
CHECKED BY DATE

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4/30/10

SAMPLE ID: DRC-02

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☑ OTHER N/A

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☑ OTHER N/A

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

PURGING	TIME:	DATE:

PURGE METHOD: ☐ PUMP ☐ 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

SAMPLE	TIME: 1045	DATE: 4/19/10

PH: _____ SU CONDUCTIVITY: _____ umhos/cm

ORP: _____ mV DO: _____ mg/L

TURBIDITY: _____ NTU

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: _____ °C OTHER: _____

COLOR: _____ ODOR: _____

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: _____ FILTRATE ODOR: _____

QC SAMPLE: ☐ MS/MSD ☐ DUP- _____

COMMENTS:

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

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

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	☐ Y ☑ N					☐ Y ☐ N
2	1 L	AMBER	F	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: Fedex	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 3605
COC NUMBER: N/A	SIGNATURE: S Pandey	DATE SIGNED: 4/20/10

REVISED 03/2008

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: SW-D-5

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☑ OTHER N/A

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☑ OTHER N/A

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

PURGING	TIME:	DATE:
PURGE METHOD:	☐ PUMP ☐ 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	

SAMPLE	TIME: 1055	DATE: 4/19/10
PH: SU	CONDUCTIVITY: umhos/cm	
ORP: mV	DO: mg/L	
TURBIDITY: NTU		
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
TEMPERATURE: °C	OTHER:	
COLOR:	ODOR:	
FILTRATE (0.45 um)	☐ YES	☑ NO
FILTRATE COLOR:	FILTRATE ODOR:	
QC SAMPLE:	☐ MS/MSD	☐ DUP-
COMMENTS:		

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

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

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	☐ Y ☑ N					☐ Y ☐ N
2	1 L	AMBER	F	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 3605
COC NUMBER: N/A	SIGNATURE: S Pawlus	DATE SIGNED: 4/20/10

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/14/10	BY: SM	DATE: 4-30-10

SAMPLE ID: SW-R-1	WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☑ OTHER N/A
WELL MATERIAL:	☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☑ OTHER N/A
SAMPLE TYPE:	☐ GW ☐ WW ☑ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1115	DATE: 4/19/10
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mV	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☑ NO		
TURBIDITY ☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			FILTRATE COLOR:	FILTRATE ODOR:	
			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

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

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

BOTTLES FILLED			PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F -							
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	☐ Y ☑ N					☐ Y ☐ N
2	1 L	AMBER	F	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8854 1657 3605
COC NUMBER: N/A	SIGNATURE: S Pawlowski	DATE SIGNED: 4/20/10

RMT

WATER SAMPLE LOG

PROJECT NAME:	LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER:	01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: SW-R-2

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☑ OTHER N/A

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☑ OTHER N/A

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

PURGING	TIME:	DATE:

PURGE METHOD: ☐ PUMP _____ ☐ 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

SAMPLE	TIME: 1125	DATE: 4/19/10

PH: _____ SU CONDUCTIVITY: _____ umhos/cm

ORP: _____ mV DO: _____ mg/L

TURBIDITY: _____ NTU

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: _____ °C OTHER: _____

COLOR: _____ ODOR: _____

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: _____ FILTRATE ODOR: _____

QC SAMPLE: ☐ MS/MSD ☐ DUP- _____

COMMENTS:

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

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

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	☐ Y ☑ N					☐ Y ☐ N
2	1 L	AMBER	F	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 3605
COC NUMBER: N/A	SIGNATURE: S Pandey	DATE SIGNED: 4/20/10

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: SW-R-3

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☑ OTHER N/A

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☑ OTHER N/A

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

PURGING	TIME:	DATE:

PURGE METHOD: ☐ PUMP ☐ 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

SAMPLE	TIME: 1132	DATE: 4/19/10

PH: SU CONDUCTIVITY: umhos/cm

ORP: mV DO: mg/L

TURBIDITY: NTU

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: °C OTHER:

COLOR: ODOR:

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: FILTRATE ODOR:

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS:

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

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

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	☐ Y ☑ N					☐ Y ☐ N
2	1 L	AMBER	F	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: FEDEX	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 3605
COC NUMBER: N/A	SIGNATURE: S Pawlikiewicz	DATE SIGNED: 4/20/10

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: SW-R-4

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☑ OTHER N/A

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☑ OTHER N/A

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

PURGING	TIME:	DATE:

PURGE METHOD: ☐ PUMP ☐ 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

SAMPLE	TIME: 1140	DATE: 4/19/10

PH: SU CONDUCTIVITY: umhos/cm

ORP: mV DO: mg/L

TURBIDITY: NTU

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: °C OTHER:

COLOR: ODOR:

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: FILTRATE ODOR:

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS:

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

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

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	☐ Y ☑ N					☐ Y ☐ N
2	1 L	AMBER	F	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 2605
COC NUMBER: N/A	SIGNATURE: S Pawlikowski	DATE SIGNED: 4/20/10

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: SW-D-4

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☑ OTHER N/A

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☑ OTHER N/A

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

PURGING	TIME:	DATE:

PURGE METHOD: ☐ PUMP ☐ 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

SAMPLE	TIME: 1200	DATE: 4/19/10

PH: SU CONDUCTIVITY: umhos/cm

ORP: mV DO: mg/L

TURBIDITY: NTU

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: °C OTHER:

COLOR: ODOR:

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: FILTRATE ODOR:

QC SAMPLE: ☒ MS/MSD ☐ DUP-

COMMENTS:

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

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

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
4 ~~2~~	40 mL	VOA	E	☐ Y ☑ N					☐ Y ☐ N
4 ~~2~~	1 L	AMBER	F	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: FEDEX	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1654 3605
COC NUMBER: N/A	SIGNATURE: S Pauling	DATE SIGNED: 4/20/10

RMT WATER SAMPLE LOG

PROJECT NAME:	LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER:	01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: SW-R-6

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☑ OTHER N/A

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☑ OTHER N/A

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

PURGING	TIME:	DATE:

PURGE METHOD: ☐ PUMP ☐ 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

SAMPLE	TIME: 1220	DATE: 4/19/10

PH: _____ SU CONDUCTIVITY: _____ umhos/cm

ORP: _____ mV DO: _____ mg/L

TURBIDITY: _____ NTU

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: _____ °C OTHER: _____

COLOR: _____ ODOR: _____

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: _____ FILTRATE ODOR: _____

QC SAMPLE: ☐ MS/MSD ☐ DUP- _____

COMMENTS:

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

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

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	☐ Y ☑ N					☐ Y ☐ N
2	1 L	AMBER	F	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: FEDEX	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 3805
COC NUMBER: N/A	SIGNATURE: S Pawlerz	DATE SIGNED: 4/20/10

REVISED 03/2008

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: SW-D-3

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☑ OTHER N/A

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☑ OTHER N/A

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

PURGING	TIME:	DATE:

PURGE METHOD: ☐ PUMP ☐ 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

SAMPLE	TIME: 1250	DATE: 4/19/10

PH: SU CONDUCTIVITY: umhos/cm

ORP: mV DO: mg/L

TURBIDITY: NTU

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: °C OTHER:

COLOR: ODOR:

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: FILTRATE ODOR:

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS:

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

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

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	☐ Y ☑ N					☐ Y ☐ N
2	1 L	AMBER	F	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: FEDEX	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 3305
COC NUMBER: N/A	SIGNATURE: S Pawlik	DATE SIGNED: 4/20/10

RMT

WATER SAMPLE LOG

PROJECT NAME:	LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER:	01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: SW-D-2

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☑ OTHER N/A

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☑ OTHER N/A

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

PURGING	TIME:	DATE:

PURGE METHOD: ☐ PUMP ☐ 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

SAMPLE	TIME: 1300	DATE: 4/19/10

PH: _____ SU CONDUCTIVITY: _____ umhos/cm

ORP: _____ mV DO: _____ mg/L

TURBIDITY: _____ NTU

☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: _____ °C OTHER: _____

COLOR: _____ ODOR: _____

FILTRATE (0.45 um) ☐ YES ☑ NO

FILTRATE COLOR: _____ FILTRATE ODOR: _____

QC SAMPLE: ☐ MS/MSD ☒ DUP- 01

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

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

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <= TEMP.: +/-

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
4	40 mL	VOA	E	☐ Y ☑ N					☐ Y ☐ N
4	1 L	AMBER	F	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: FEDEX	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 3805
COC NUMBER: N/A	SIGNATURE: S Pauling	DATE SIGNED: 4/20/10

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: SW-D-1

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☑ OTHER N/A

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☑ OTHER N/A

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

PURGING	TIME:	DATE:
PURGE METHOD:	☐ PUMP ☐ 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

SAMPLE	TIME: 1310	DATE: 4/19/10
PH: SU	CONDUCTIVITY: umhos/cm	
ORP: mV	DO: mg/L	
TURBIDITY: NTU		
☐ NONE	☐ SLIGHT ☐ MODERATE	☐ VERY
TEMPERATURE: °C	OTHER:	
COLOR:	ODOR:	
FILTRATE (0.45 um)	☐ YES	☑ NO
FILTRATE COLOR:	FILTRATE ODOR:	
QC SAMPLE:	☐ MS/MSD	☐ DUP-
COMMENTS:		

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

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

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	☐ Y ☑ N					☐ Y ☐ N
2	1 L	AMBER	F	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 3605
COC NUMBER: NA	SIGNATURE: S Pawlery	DATE SIGNED: 4/20/10

REVISED 03/2008

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: RB-01 WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☑ OTHER N/A

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☑ OTHER N/A

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

PURGING	TIME:	DATE:
PURGE METHOD:	☐ PUMP ☐ 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	

SAMPLE	TIME: 1325	DATE: 4/19/10
PH: SU	CONDUCTIVITY: umhos/cm	
ORP: mV	DO: mg/L	
TURBIDITY: NTU		
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
TEMPERATURE: °C	OTHER:	
COLOR:	ODOR:	
FILTRATE (0.45 um) ☐ YES	☑ NO	
FILTRATE COLOR:	FILTRATE ODOR:	
QC SAMPLE: ☐ MS/MSD	☐ DUP-	
COMMENTS:		

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
Rinse Blank on SW Sample Scoop.									

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

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	☐ Y ☑ N					☐ Y ☐ N
2	1 L	AMBER	F	☐ Y ☑ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N
				☐ Y ☐ N					☐ Y ☐ N

SHIPPING METHOD: Fedex	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 3005
COC NUMBER: N/A	SIGNATURE: S Pawlik	DATE SIGNED: 4/20/10

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-35s

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

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

PURGING	TIME: 1432	DATE: 4/19/10
PURGE METHOD:	☑ PUMP PERISTALTIC	☐ BAILER
DEPTH TO WATER: 4.37 T/ PVC		
DEPTH TO BOTTOM: 10.25 T/ PVC		
WELL VOLUME: 3.8	☑ LITERS	☐ GALLONS
VOLUME REMOVED: 4	☑ LITERS	☐ GALLONS
COLOR: clr, orange floaties	ODOR: yes	
156 TURBIDITY		
☐ NONE	☐ SLIGHT	☑ MODERATE ☐ VERY
DISPOSAL METHOD:	☐ GROUND	☐ DRUM ☑ OTHER

SAMPLE	TIME: 1035	DATE: 4/22/10
PH: 6.48 SU	CONDUCTIVITY: 710 umhos/cm	
ORP: -59.5 mV	DO: 0.24 mg/L	
TURBIDITY: — NTU		
☐ NONE	☑ SLIGHT	☐ MODERATE ☐ VERY
TEMPERATURE: 10.45 °C	OTHER:	
COLOR: clr	ODOR: yes	
FILTRATE (0.45 um)	☑ YES	☑ NO
FILTRATE COLOR: clr	FILTRATE ODOR: yes	
QC SAMPLE: ☐ MS/MSD	☐ DUP-	
COMMENTS: Alk: 250 CO_2: 30 Ferrous: >20		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1432	200	6.20	787	72.6	5.00	156	10.50	4.37	INITIAL
1437	↓	6.47	665	-28.0	0.49	0.21	10.58	6.45	1
1442	↓	6.44	654	-42.4	0.29	28.1	10.42	7.70	2
1447		6.44	675	-50.0	0.28	34.6	10.36	8.70	3
1452		6.48	710	-59.5	0.24	46.5	10.45	9.70	4
1455	Dry							10.25	-
								BOTTOM	
4/22/10, 1035 - All Bottles Filled.									

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2 ~~6~~	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
2	40 mL	VOA	A	☐ Y ☑ N	1	125 mL	PLASTIC	B	☑ Y ☐ N
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/22/10	AIRBILL NUMBER: 8654 1657 3368
COC NUMBER: N/A	SIGNATURE: B. Powlishy	DATE SIGNED: 4/22/10

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

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

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

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

PURGING	TIME: 1308	DATE: 4/19/10	SAMPLE	TIME: 0955	DATE: 4/22/10
PURGE METHOD:	☑ PUMP Peristaltic ☐ BAILER		PH: 6.58 SU	CONDUCTIVITY: 576 umhos/cm	
			ORP: -74.5 mV	DO: 0.39 mg/L	
DEPTH TO WATER: 5.05 T/ PVC			TURBIDITY: — NTU		
DEPTH TO BOTTOM: 10.33 T/ PVC			☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 3.4 ☑ LITERS ☐ GALLONS			TEMPERATURE: ____ °C	OTHER:	
VOLUME REMOVED: 4.5 ☑ LITERS ☐ GALLONS			COLOR: clr	ODOR: yes	
COLOR: clr, Blk. Floaters	ODOR: yes		FILTRATE (0.45 um) ☑ YES	☑ NO	
16.1 TURBIDITY			FILTRATE COLOR: clr	FILTRATE ODOR: yes	
☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD	☐ DUP-	
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: Alk: 250 CO_2: 35 Feeovers: > 20		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1508	300	6.47	597	-38.1	4.92	16.1	10.15	5.05	INITIAL
1513	↓	6.55	588	-70.6	0.52	7.60	9.70	7.55	1.5
1518	↓	6.59	622	-77.3	0.41	8.03	9.80	9.15	3
1523		6.58	576	-74.5	0.39	26.7	9.57	10.33	4.5
	Dry								
4/22/10, 0955 ~ All Bottles Filled.									

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2 ~~8~~	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
2	40 mL	VOA	A	☐ Y ☑ N	1	125 mL	PLASTIC	B	☑ Y ☐ N
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/22/10	AIRBILL NUMBER: 8654 1657 3318
COC NUMBER: N/A	SIGNATURE: S Pawlowski	DATE SIGNED: 4/22/10

REVISED 03/2008

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-33S

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

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

PURGING	TIME: 1534	DATE: 4/19/10	SAMPLE	TIME: 0850	DATE: 4/22/10
PURGE METHOD:	☑ PUMP Peristaltic ☐ BAILER		PH: 6.69 SU	CONDUCTIVITY: 1055 umhos/cm	
			ORP: -82.1 mV	DO: 3.19 mg/L	
DEPTH TO WATER: 5.96 T/ PVC			TURBIDITY: — NTU		
DEPTH TO BOTTOM: 10.30 T/ PVC			☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 3.8 ☑ LITERS ☐ GALLONS			TEMPERATURE: 9.50 °C	OTHER:	
VOLUME REMOVED: 3.0 ☑ LITERS ☐ GALLONS			COLOR: clr	ODOR: slight	
COLOR: clr, orange Flakes ODOR: Slight			FILTRATE (0.45 um) ☑ YES	☑ NO	
30.8 TURBIDITY			FILTRATE COLOR: clr	FILTRATE ODOR: —	
☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD	☐ DUP-	
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: Alk: 300 CO_2: 50 Ferrous: > 20		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1534	300	6.58	1044	-55.0	4.60	30.8	10.36	5.96	INITIAL
1539		6.66	1067	-89.4	0.72	49.9	9.92	8.35	1.5
1544 ~~1544~~	~~Dry~~	6.69	1055	-82.1	3.19	32.9	9.50	10.20	3.0
1545	Dry.							10.30	Dry
4/22/10 :	0850 ~	All	Bottles	Filled.					

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or **</= 10** TEMP.: +/- **0.5°C**

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

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	1	125 mL	PLASTIC	B	☑ Y ☐ N
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/22/10	AIRBILL NUMBER: 8654 1657 3318
COC NUMBER: N/A	SIGNATURE: S Pawlikiy	DATE SIGNED: 4/22/10

REVISED 03/2008

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-31S
WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER
WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER
SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING	TIME: 1605	DATE: 4/19/10	SAMPLE	TIME: 0925	DATE: 4/22/10
PURGE METHOD:	☑ PUMP PERISTALTIC ☐ BAILER		PH: 11.26 SU	CONDUCTIVITY: 905 umhos/cm	
			ORP: -116.6 mV	DO: 1.65 mg/L	
DEPTH TO WATER: 4.62 T/ PVC			TURBIDITY: — NTU		
DEPTH TO BOTTOM: 10.38 T/ PVC			☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 3.73 ☑ LITERS ☐ GALLONS			TEMPERATURE: 10.38 °C	OTHER:	
VOLUME REMOVED: 4.5 ☑ LITERS ☐ GALLONS			COLOR: clr	ODOR: Strong	
COLOR: clr	ODOR: Strong		FILTRATE (0.45 um) ☑ YES	☑ NO	
10.5 TURBIDITY			FILTRATE COLOR: clr	FILTRATE ODOR: Strong	
☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD	☐ DUP-	
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: Alk: 200 CO_2: 0 Ferrous: 0		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1605	300	11.26	1157	-76.1	4.80	10.5	11.17	4.62	INITIAL
1610	↓	11.22	894	-104.0	0.24	3.93	10.74	7.35	1.5
1615		11.20	795	-107.0	0.23	3.98	10.35	8.50	3.0
1620	Dry	11.26	905	-116.6	1.65	—	10.38	10.38	4.5
4/22/10, 0925 - All Bottles Filled.									

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or **</= 10** TEMP.: +/- **0.5°C**

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

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	1	125 mL	PLASTIC	B	☑ Y ☐ N
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/22/10	AIRBILL NUMBER: 8694 1657 3318
COC NUMBER: N/A	SIGNATURE: S. Pawlik	DATE SIGNED: 4/22/10

REVISED 03/2008

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/19/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-325 WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

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

PURGING	TIME: 1630	DATE: 4/19/10	SAMPLE	TIME: 0815	DATE: 4/22/10
PURGE METHOD:	☑ PUMP Peristaltic ☐ BAILER		PH: 6.64 SU	CONDUCTIVITY: 825 umhos/cm	
			ORP: -106.0 mV	DO: 0.27 mg/L	
DEPTH TO WATER: 5.81 T/ PVC			TURBIDITY: — NTU		
DEPTH TO BOTTOM: 10.45 T/ PVC			☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 3.0 ☑ LITERS ☐ GALLONS			TEMPERATURE: 10.50 °C	OTHER:	
VOLUME REMOVED: 3.0 ☑ LITERS ☐ GALLONS			COLOR: Clr	ODOR: Strong	
COLOR: Clr ODOR: Strong			FILTRATE (0.45 um) ☑ YES ☑ NO		
6.75 TURBIDITY			FILTRATE COLOR: Clr	FILTRATE ODOR: Strong	
☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: Alk: 200 Cl2: 30 Ferrous: >20		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1630	300	7.27	824	-152.0	6.00	6.75	10.61	5.81	INITIAL
1635	↓	6.64	825	-106.0	0.27	5.38	10.50	9.35	1.5
1637	pag							10.45	3.0
4/22/10	0815 ~ ALL BOTTLES FILLED.								

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

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	1	125 mL	PLASTIC	B	☑ Y ☐ N
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/22/10	AIRBILL NUMBER: 8654 1657 3318
COC NUMBER: N/A	SIGNATURE: S Pawlaking	DATE SIGNED: 4/22/10

REVISED 03/2008

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4-19-10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-27s
WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER
WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER
SAMPLE TYPE: ☑ GW ☐ WW ☐ SW ☐ DI ☐ LEACHATE ☐ OTHER

PURGING TIME: 1704 DATE: 4/19/10

PURGE METHOD: ☑ PUMP Peristaltic ☐ BAILER
DEPTH TO WATER: 7.69 T/ PVC
DEPTH TO BOTTOM: ~~10.28~~ T/ PVC 12.93
WELL VOLUME: 3.39 ☑ LITERS ☐ GALLONS
VOLUME REMOVED: 6 ☑ LITERS ☐ GALLONS
COLOR: Cloudy Brown ODOR: NO
TURBIDITY 159
☐ NONE ☐ SLIGHT ☑ MODERATE ☐ VERY
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☑ OTHER

SAMPLE TIME: 1806 DATE: 4/20/10

PH: 7.41 SU CONDUCTIVITY: 669 umhos/cm
ORP: -29.6 mV DO: 0.89 mg/L
TURBIDITY: 92 NTU
☐ NONE ☐ SLIGHT ☑ MODERATE ☐ VERY
TEMPERATURE: 10.28 °C OTHER:
COLOR: clr ODOR: NO
FILTRATE (0.45 um) ☐ YES ☑ NO
FILTRATE COLOR: clr FILTRATE ODOR: NO
QC SAMPLE: ☐ MS/MSD ☐ DUP-
COMMENTS: Δ/K: 70 Cl2: 12 Ferrous: 0.4

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1704	400	7.75	664	19.4	5.77	159	10.99	7.69	INITIAL
1709	↓	7.77	644	5.3	0.61	110	10.30	10.20	2
1714	✓	7.66	653	-5.4	0.78	92.0	10.38	11.50	4
1719		7.41	669	-29.6	0.89	>1000	10.28	12.80	6
1720	Dry.								
4/20/10	1600 :	All Bottles	filled						

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

pH: +/- 0.1 COND.: +/- 5 (<100 ORP: +/- D.O.: +/- 10 % TURB: +/- 10 % or <= 10 TEMP.: +/- 0.5°C

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

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	1	125 mL	PLASTIC	B	☑ Y ☐ N
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 3605
COC NUMBER: N/A	SIGNATURE: S. Pawling	DATE SIGNED: 4/20/10

REVISED 03/2008

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/20/10	BY: SM	DATE: 4-30-10

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

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

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

PURGING	TIME: 0755	DATE: 4/20/10
PURGE METHOD:	☑ PUMP Bladder ☐ BAILER	
DEPTH TO WATER: 7.00 T/ PVC		
DEPTH TO BOTTOM: 16.60 T/ PVC		
WELL VOLUME: 6.22 ☑ LITERS ☐ GALLONS		
VOLUME REMOVED: 24 ☑ LITERS ☐ GALLONS		
COLOR: cloudy ODOR: NO		
232 TURBIDITY ☐ NONE ☐ SLIGHT ☑ MODERATE ☐ VERY		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☑ OTHER		

SAMPLE	TIME: 0855	DATE: 4/20/10
PH: 7.53 SU	CONDUCTIVITY: 377 umhos/cm	
ORP: 42.2 mV	DO: 5.20 mg/L	
TURBIDITY: 9.30 NTU ☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
TEMPERATURE: 12.22 °C	OTHER:	
COLOR: clr	ODOR: NO	
FILTRATE (0.45 um) ☑ YES ☐ NO		
FILTRATE COLOR: clr	FILTRATE ODOR: NO	
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)
0755	400	6.60	439	90.5	0.01	232	12.41	7.00	INITIAL
0800	↓	7.36	387	56.0	5.65	89.3	12.34	7.00	2
0805		7.49	388	47.0	5.88	96.3	12.28	7.00	4
0810		7.53	387	45.4	5.87	95.4	12.29	7.00	6
0815		7.54	388	41.6	5.77	70.6	12.38	7.00	8
0820		7.52	388	40.4	5.63	51.2	12.35	7.00	10
0825		7.52	386	40.0	5.55	39.2	12.27	7.00	12
0830		7.53	384	40.6	5.58	28.5	12.29	7.00	14
0835		7.53	383	40.3	5.35	20.9	12.33	7.00	16
0840		7.54	381	40.7	5.48	17.7	12.26	7.00	18

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

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~~	~~1~~	~~125 ml~~	~~PLASTIC~~	~~B~~	~~☑ Y ☐ N~~
~~1~~	~~100 ml~~	~~PLASTIC~~	~~F~~	~~☐ Y ☑ N~~	1	125	plastic	B	☑ Y ☐ N
~~1~~	~~250 mL~~	~~GLASS~~	~~A~~	~~☐ Y ☑ N~~					☐ Y ☐ N
~~1~~	~~125 mL~~	~~PLASTIC~~	~~C~~	~~☐ Y ☑ N~~					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 3605
COC NUMBER: N/A	SIGNATURE: S Pawlowski	DATE SIGNED: 4/20/10

REVISED 03/2008

RMT **WATER SAMPLE LOG** (CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.41 Task1	BY: Pawlukiew	DATE: 4/20/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-19-12

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0845	400	7.54	379	41.0	5.44	13.8	12.23	7.00	20
0850	↓	7.49	378	41.8	5.32	11.2	12.22	7.00	22
0855		7.53	377	42.2	5.20	9.30	12.22	7.00	24

SIGNATURE: S Pawlukiew DATE SIGNED: 4/20/10

RMT WATER SAMPLE LOG

PROJECT NAME:	LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER:	01545.41.001	BY SP	DATE: 4/20/10	BY: SM	DATE: 04-30-10

SAMPLE ID: MW-29s

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

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

PURGING	TIME: 0947	DATE: 4/20/10	SAMPLE	TIME: 1007	DATE: 4/20/10

PURGE METHOD: ☑ PUMP Bladder ☐ BAILER

DEPTH TO WATER: 6.55 T/ PVC

DEPTH TO BOTTOM: 14.60 T/ PVC

WELL VOLUME: 5.21 ☑ LITERS ☐ GALLONS

VOLUME REMOVED: 8 ☑ LITERS ☐ GALLONS

COLOR: clr ODOR: NO

49.1 TURBIDITY

☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY

DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☑ OTHER

PH: 6.70 SU CONDUCTIVITY: 728 umhos/cm

ORP: -98.5 mV DO: 0.11 mg/L

TURBIDITY: 8.33 NTU

☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 10.64 °C OTHER:

COLOR: clr ODOR: NO

FILTRATE (0.45 um) ☑ YES ☑ NO

FILTRATE COLOR: clr FILTRATE ODOR: NO

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS: Alk: 100 CO_2: 50 Ferrous: >20

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0947	400	6.54	722	-17.5	1.35	49.1	11.27	6.55	INITIAL
0952	↓	6.63	729	-61.9	0.25	79.3	10.65	6.60	2
0957	↓	6.68	732	-84.0	0.16	31.8	10.67	6.60	4
1002		6.66	730	-94.4	0.11	13.4	10.65	6.60	6
1007		6.70	728	-98.5	0.11	8.33	10.64	6.60	8
—									

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

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	1	125 mL	PLASTIC	B	☑ Y ☐ N
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD:	FedEx	DATE SHIPPED:	4/20/10	AIRBILL NUMBER:	8654 1657 3605
COC NUMBER:	N/A	SIGNATURE:	S Pawlik	DATE SIGNED:	4/20/10

REVISED 03/2008

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/20/10	BY: SM	DATE: 4-30-10

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

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

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

PURGING	TIME: 1148	DATE: 4/20/10	SAMPLE	TIME: 1338	DATE: 4/20/10
PURGE METHOD:	☑ PUMP Bladder ☐ BAILER		PH: 6.98 SU	CONDUCTIVITY: 515 umhos/cm	
			ORP: -562 mV	DO: 1.29 mg/L	
DEPTH TO WATER: 2.30 T/ PVC			TURBIDITY: 117 NTU		
DEPTH TO BOTTOM: 8.81 T/ PVC			☐ NONE ☐ SLIGHT ☑ MODERATE ☐ VERY		
WELL VOLUME: 4.2 ☑ LITERS ☐ GALLONS			TEMPERATURE: 11.04 °C	OTHER:	
VOLUME REMOVED: 42 ☑ LITERS ☐ GALLONS			COLOR: Cloudy	ODOR: NO	
COLOR: Dark Brown	ODOR: NO		FILTRATE (0.45 um) ☑ YES ☑ NO		
71000 TURBIDITY			FILTRATE COLOR: clr	FILTRATE ODOR: NO	
☐ NONE ☐ SLIGHT ☐ MODERATE ☒ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS: Alk: 50 CO_2: 11 Ferrous: 2.0		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1148	400	7.10	493	-100.6	0.60	71000	12.30	2.30	INITIAL
1153	↓	7.13	474	-117.6	0.04	71000	11.37	2.30	2
1158		7.11	469	-120.1	0.05	71000	11.05	2.30	4
1203		7.05	459	-115.3	0.00	71000	10.46	2.30	6
1208		7.03	457	-100.5	0.03	71000	10.30	2.30	8
1213		7.00	465	-99.5	0.21	71000	10.17	2.30	10
1218		7.01	478	-99.8	0.21	71000	10.30	2.30	12
1223		7.00	486	-96.5	0.35	810	10.24	2.30	14
1228		6.97	499	-89.1	0.68	498	10.43	2.30	16
1233		6.97	505	-84.0	0.68	337	10.58	2.30	18

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
28	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
2	40 mL	VOA	A	☐ Y ☑ N	1	125 mL	PLASTIC	B	☑ Y ☐ N
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1657 3605
COC NUMBER: N/A	SIGNATURE: S Pawlikiewicz	DATE SIGNED: 4/20/10

REVISED 03/2008

RMT **WATER SAMPLE LOG** (CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.41 Task1	BY: Pawlukiew	DATE: 4/20/10	BY: SM	DATE: 4-30-10

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)
1238	400	6.97	507	-79.4	0.73	256	10.58	2.30	20
1243	↓	6.97	507	-75.7	0.77	218	10.63	2.30	22
1248		6.98	506	-72.6	0.82	212	10.54	2.30	24
1253		6.98	504	-67.8	0.89	—	10.36	2.30	26
1258		6.98	503	-67.3	0.90	166	10.31	2.30	28
1303		6.96	510	-65.9	0.91	172	10.78	2.30	30
1308		6.97	511	-64.8	0.91	172	10.87	2.30	32
1313		6.97	513	-63.3	0.98	154	10.98	2.30	34
1318		6.97	513	-61.7	1.04	140	10.92	2.30	36
1323		6.97	513	-60.2	1.11	128	10.95	2.30	36
1328		6.97	511	-58.7	1.16	116	10.79	2.30	38
1333		6.96	513	-56.7	1.32	120	10.89	2.30	40
1338		6.98	515	-56.2	1.29	117	11.04	2.30	42

SIGNATURE: S Pawlukiew

DATE SIGNED: 4/20/10

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/20/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-8 WELL DIAMETER: [x] 2" [x] 4" [ ] 6" [ ] OTHER

WELL MATERIAL: [ ] PVC [ ] SS [ ] IRON [x] GALVANIZED STEEL [ ] OTHER

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

PURGING	TIME: 1434	DATE: 4/20/10	SAMPLE	TIME: 1509	DATE: 4/20/10
PURGE METHOD: [x] PUMP Bladder [ ] BAILER			PH: 7.06 SU	CONDUCTIVITY: 440 umhos/cm	
			ORP: -126.5 mV	DO: 0.04 mg/L	
DEPTH TO WATER: 2.50 T/ PVC			TURBIDITY: 24.2 NTU		
DEPTH TO BOTTOM: 20.15 T/ PVC			[ ] NONE [x] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 11.4 [x] LITERS [ ] GALLONS			TEMPERATURE: 10.58 °C	OTHER:	
VOLUME REMOVED: 14 [x] LITERS [ ] GALLONS			COLOR: clr	ODOR: NO	
COLOR: Cloudy, Blk. floccules ODOR: NO			FILTRATE (0.45 um) [x] YES [ ] NO		
104 TURBIDITY			FILTRATE COLOR: clr	FILTRATE ODOR: NO	
[ ] NONE [ ] SLIGHT [x] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [x] OTHER			COMMENTS: Alk: 120 CO_2: 13 Fe: >20		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1434	400	6.16	525	80.0	1.86	104	12.50	2.50	INITIAL
1439	↓	6.69	439	-37.4	0.13	21.0	10.54	2.90	2
1444		6.85	439	-76.3	0.08	23.6	10.57	2.90	4
1449		6.93	440	-98.3	0.07	22.9	10.62	2.90	6
1454		6.79	440	-110.6	0.05	24.2	10.65	2.90	8
1459		7.03	440	-119.3	0.05	22.9	10.65	2.90	10
1504		7.04	440	-123.5	0.04	23.5	10.65	2.90	12
1509		7.06	440	-126.5	0.04	24.2	10.58	2.90	14

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	[ ] Y [x] N	2	1 L	AMBER	A	[ ] Y [x] N
2	40 mL	VOA	A	[ ] Y [x] N	1	125 mL	PLASTIC	B	[x] Y [ ] N
1	100 ml	PLASTIC	F	[ ] Y [x] N					[ ] Y [ ] N
1	250 mL	GLASS	A	[ ] Y [x] N					[ ] Y [ ] N
1	125 mL	PLASTIC	C	[ ] Y [x] N					[ ] Y [ ] N

SHIPPING METHOD: FEDEX	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 7657 3605
COC NUMBER: N/A	SIGNATURE: S Pawlik	DATE SIGNED: 4/20/10

REVISED 03/2008

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE 4/20/10	BY: SM	DATE: 4-30-10

SAMPLE ID: ATM-01

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER N/A

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER N/A

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

PURGING	TIME:	DATE:	SAMPLE	TIME: 1535	DATE: 4/20/10
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mV	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR: clr	ODOR: ND	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☑ NO		
TURBIDITY ☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			FILTRATE COLOR: —	FILTRATE ODOR: —	
			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS: Atmospheric near MW-8.		

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

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

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	1	125 mL	PLASTIC	B	☑ Y ☐ N
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/20/10	AIRBILL NUMBER: 8654 1057 3605
COC NUMBER: N/A	SIGNATURE: S Pawlikny	DATE SIGNED: 4/20/10

REVISED 03/2008

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/21/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-30D

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

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

PURGING	TIME: 0742	DATE: 4/21/10	SAMPLE	TIME: 0832	DATE: 4/21/10

PURGE METHOD: ☑ PUMP DEDICATED BLADDER ☐ BAILER

DEPTH TO WATER: 1.94 T/ PVC

DEPTH TO BOTTOM: N/A T/ PVC

WELL VOLUME: — ☐ LITERS ☐ GALLONS

VOLUME REMOVED: 20 ☑ LITERS ☐ GALLONS

COLOR: cloudy Brown, Blk. Flocs ODOR: NO

345 TURBIDITY

☐ NONE ☐ SLIGHT ☑ MODERATE ☐ VERY

DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☑ OTHER

PH: 7.17 SU CONDUCTIVITY: 377 umhos/cm

ORP: -56.3 mV DO: 0.24 mg/L

TURBIDITY: 23.2 NTU

☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 10.87 °C OTHER:

COLOR: clr ODOR: NO

FILTRATE (0.45 um) ☑ YES ☑ NO

FILTRATE COLOR: clr FILTRATE ODOR: NO

QC SAMPLE: ☒ MS/MSD ☐ DUP-

COMMENTS: Alk: 40 CO_2: 10 ferrous: 2.0

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0742	400	6.22	570	126.0	5.85	345	9.80	1.94	INITIAL
0747		6.78	305	68.2	0.49	>1000	10.55	1.94	2
0752		6.97	325	42.7	0.40	228	10.62	1.94	4
0757		7.07	341	18.1	0.36	114	10.65	1.94	6
0802		7.10	353	-0.2	0.33	48.4	10.71	1.94	8
0807		7.14	359	-17.2	0.30	40.3	10.72	1.94	10
0812		7.15	364	-26.1	0.29	30.6	10.75	1.94	12
0817		7.16	368	-34.3	0.27	22.3	10.80	1.94	14
0822		7.16	373	-43.3	0.26	23.9	10.82	1.94	16
0827		7.15	377	-50.2	0.25	21.8	10.85	1.94	18

orange floc.

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

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	2	125 mL	PLASTIC	B	☑ Y ☐ N
2	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
2	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
2	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/21/10	AIRBILL NUMBER: 8654 1657 3307
COC NUMBER: N/A	SIGNATURE: S Pawling	DATE SIGNED: 4/21/10

REVISED 03/2008

RMT WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.41 Task1	BY: Pawlukiew	DATE: 4/21/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-30D

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0832	400	7.17	377	-563	0.24	23.2	10.87	1.94	20

SIGNATURE: S Pawlukiew

DATE SIGNED: 4/21/10

REVISED 03/2008

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/21/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-30i

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

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

PURGING	TIME: 0902	DATE: 4/21/10
PURGE METHOD:	☑ PUMP Bladder	☐ BAILER
DEPTH TO WATER: 2.04 T/ PVC		
DEPTH TO BOTTOM: 17.98 T/ PVC		
WELL VOLUME: 10.3	☑ LITERS	☐ GALLONS
VOLUME REMOVED: 10.0	☑ LITERS	☐ GALLONS
COLOR: Cloudy, orange flocs	ODOR: NO	
190 TURBIDITY		
☐ NONE	☐ SLIGHT	☑ MODERATE ☐ VERY
DISPOSAL METHOD:	☐ GROUND	☐ DRUM ☑ OTHER

SAMPLE	TIME: 0927	DATE: 4/21/10
PH: 7.06 SU	CONDUCTIVITY: 605 umhos/cm	
ORP: -120.9 mV	DO: 0.07 mg/L	
TURBIDITY: 7.31 NTU		
☑ NONE	☐ SLIGHT	☐ MODERATE ☐ VERY
TEMPERATURE: 9.61 °C	OTHER:	
COLOR: clr	ODOR: NO	
FILTRATE (0.45 um)	☑ YES	☑ NO
FILTRATE COLOR: clr.	FILTRATE ODOR: NO	
QC SAMPLE: ☐ MS/MSD	☐ DUP-	
COMMENTS: Alk: 70 CO_2: 22 Ferrous: 14		

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)
0902	400	6.89	595	-36.2	7.00	190	10.04	2.04	INITIAL
0907	↓	6.93	608	-90.6	0.26	36.6	9.49	2.08	2
0912		6.97	607	-108.4	0.14	20.7	9.47	2.08	4
0917		6.99	605	-112.3	0.10	13.9	9.51	2.08	6
0922		7.05	605	-117.8	0.08	11.6	9.59	2.08	8
0927		7.06	605	-120.9	0.07	7.31	9.61	2.08	10

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

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	1	125 mL	PLASTIC	B	☑ Y ☐ N
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/21/10	AIRBILL NUMBER: 8654 1657 3207
COC NUMBER: N/A	SIGNATURE: S Pawlik	DATE SIGNED: 4/21/10

REVISED 03/2008

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/21/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-30S

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

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

PURGING	TIME: 0953	DATE: 4/21/10	SAMPLE	TIME: 1048	DATE: 4/21/10
PURGE METHOD:	☑ PUMP Bladder ☐ BAILER		PH: 6.92 SU	CONDUCTIVITY: 633 umhos/cm	
			ORP: -91.1 mV	DO: 1.45 mg/L	
DEPTH TO WATER: 2.31 T/ PVC			TURBIDITY: 18.0 NTU		
DEPTH TO BOTTOM: 11.96 T/ PVC			☐ NONE ☑ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 6.40 ☑ LITERS ☐ GALLONS			TEMPERATURE: 10.23 °C	OTHER:	
VOLUME REMOVED: 22 ☑ LITERS ☐ GALLONS			COLOR: clr	ODOR: NO	
COLOR: Cloudy, Blk. Floaters ODOR: NO			FILTRATE (0.45 um) ☑ YES ☐ NO		
TURBIDITY 141			FILTRATE COLOR: clr	FILTRATE ODOR: NO	
☐ NONE ☐ SLIGHT ☑ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☑ DUP- 02		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: Alk: 100 CO_2: 30 Ferrous: >20		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0953	400	6.97	639	-87.3	2.60	141	12.20	2.31	INITIAL
0958	↓	7.03	633	-100.3	0.75	201	10.29	2.45	2
1003		7.02	633	-100.6	0.99	121	10.22	2.45	4
1008		7.02	631	-88.6	1.09	71.5	10.12	2.45	6
1013		6.97	632	-96.9	1.19	49.3	10.16	2.45	8
1018		6.94	633	-94.8	1.38	40.3	10.26	2.45	10
1023		6.94	631	-93.8	1.27	31.2	10.07	2.45	12
1028		6.93	630	-93.5	1.35	25.0	10.02	2.45	14
1033		6.93	633	-92.1	1.48	24.0	10.22	2.45	16
1038		6.92	631	-92.2	1.35	17.7	10.09	2.45	18

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

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	2	125 mL	PLASTIC	B	☑ Y ☐ N
2	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
2	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
2	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/21/10	AIRBILL NUMBER: 8654 1657 3367
COC NUMBER: N/A	SIGNATURE: S Pawlik	DATE SIGNED: 4/21/10

REVISED 03/2008

RMT WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.41 Task1	BY: Pawlukiew	DATE: 4/21/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-80S

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)
1043	400	6.91	631	-91.6	1.38	17.8	10.11	2.45	20
1048	↓	6.92	633	-91.1	1.45	18.0	10.23	2.45	22

SIGNATURE: S Pawlukiew

DATE SIGNED: 4/21/10

REVISED 03/2008

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/21/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-28i

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

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

PURGING	TIME: 1223	DATE: 4/21/10	SAMPLE	TIME: 1258	DATE: 4/21/10
PURGE METHOD:	☑ PUMP Bladder ☐ BAILER		PH: 7.02 SU	CONDUCTIVITY: 372 umhos/cm	
			ORP: -112.1 mV	DO: 0.06 mg/L	
DEPTH TO WATER: 4.57 T/ PVC			TURBIDITY: 9.8 NTU		
DEPTH TO BOTTOM 22.71 T/ PVC			☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: 11.75 ☑ LITERS ☐ GALLONS			TEMPERATURE: 12.06 °C	OTHER:	
VOLUME REMOVED: 14 ☑ LITERS ☐ GALLONS			COLOR: clr	ODOR: NO	
COLOR: Cloudy	ODOR: NO		FILTRATE (0.45 um) ☑ YES ☑ NO		
120 TURBIDITY			FILTRATE COLOR: clr	FILTRATE ODOR: NO	
☐ NONE ☐ SLIGHT ☑ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☑ OTHER			COMMENTS: Alk: 70 CO2: 14 Ferrous: 12		

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)
1223	400	6.33	385	101.0	4.40	120	14.66	4.57	INITIAL
1228	↓	6.71	359	-1.0	0.24	115	12.23	4.60	2
1233		6.85	363	-46.4	0.13	55.9	11.95	4.60	4
1238	↓	6.92	366	-72.8	0.09	33.3	11.97	4.60	6
1243		6.96	370	-89.6	0.08	17.5	12.04	4.60	8
1248		6.98	371	-100.9	0.07	13.6	12.03	4.60	10
1253		7.00	373	-108.2	0.06	10.8	12.07	4.60	12
1258		7.02	372	-112.1	0.06	9.8	12.06	4.60	14

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or **<= 10** TEMP.: +/- **0.5°C**

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

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	1	125 mL	PLASTIC	B	☑ Y ☐ N
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/21/10	AIRBILL NUMBER: 8654 1657 3387
COC NUMBER: N/A	SIGNATURE: S Pawlsky	DATE SIGNED: 4/21/10

REVISED 03/2008

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4/21/10	BY: SM	DATE: 4-30-10

SAMPLE ID: MW-28S

WELL DIAMETER: ☑ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☑ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER

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

PURGING	TIME: 1325	DATE: 4/21/10
PURGE METHOD:	☑ PUMP Bloodgett ☐ BAILER	
DEPTH TO WATER: 4.70 T/ PVC		
DEPTH TO BOTTOM: 17.51 T/ PVC		
WELL VOLUME: 8.3	☑ LITERS ☐ GALLONS	
VOLUME REMOVED: 12	☑ LITERS ☐ GALLONS	
COLOR: Cloudy / Blk. Particles	ODOR: NO	
74.1 TURBIDITY		
☐ NONE ☐ SLIGHT ☑ MODERATE ☐ VERY		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☑ OTHER		

SAMPLE	TIME: 1355	DATE: 4/21/10
PH: 6.99 SU	CONDUCTIVITY: 324 umhos/cm	
ORP: -109.4 mV	DO: 0.06 mg/L	
TURBIDITY: 9.6 NTU		
☑ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
TEMPERATURE: 11.41 °C	OTHER:	
COLOR: Clr	ODOR: NO	
FILTRATE (0.45 um) ☑ YES	☑ NO	
FILTRATE COLOR: Clr	FILTRATE ODOR: NO	
QC SAMPLE: ☐ MS/MSD	☐ DUP-	
COMMENTS: Alk: 100 CO_2: 13 Ferrous: 14		

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)
1325	400	6.83	343	17.0	5.27	74.1	14.28	4.70	INITIAL
1330	↓	6.87	326	-56.4	0.16	121	11.57	4.70	2
1335	↓	6.94	323	-83.0	0.10	50.6	11.31	4.70	4
1340		6.97	324	-95.2	0.08	27.3	11.44	4.70	6
1345		6.97	323	-102.8	0.07	16.1	11.38	4.70	8
1350		6.97	324	-106.4	0.06	11.9	11.47	4.70	10
1355		6.99	324	-109.4	0.06	9.6	11.41	4.70	12

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

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	1	125 mL	PLASTIC	B	☑ Y ☐ N
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: FedEx	DATE SHIPPED: 4/22/10	AIRBILL NUMBER: 8654 1657 3307
COC NUMBER: N/A	SIGNATURE: S Pawlicz	DATE SIGNED: 4/22/10

REVISED 03/2008

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.41.001	BY SP	DATE: 4-21-10	BY: SM	DATE: 4-30-10

SAMPLE ID: RB-02

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

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☐ GALVANIZED STEEL ☐ OTHER NA

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

PURGING	TIME:	DATE:
PURGE METHOD:	☐ PUMP ☐ 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	

SAMPLE	TIME: 1620	DATE: 4/21/10
PH: SU	CONDUCTIVITY: umhos/cm	
ORP: mV	DO: mg/L	
TURBIDITY: NTU		
☐ NONE	☐ SLIGHT ☐ MODERATE ☐ VERY	
TEMPERATURE: °C	OTHER:	
COLOR: CLR	ODOR: NO	
FILTRATE (0.45 um)	☐ YES ☑ NO	
FILTRATE COLOR: —	FILTRATE ODOR: —	
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)
									INITIAL
Rinse Blank on RMT Bladder Pump S/N: 11654									

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

pH: +/- **0.1** COND.: +/- **5 (<100** ORP: +/- D.O.: +/- **10 %** TURB: +/- **10 %** or <= **10** TEMP.: +/- **0.5°C**

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2 ~~5~~	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	A	☐ Y ☑ N
2	40 mL	VOA	A	☐ Y ☑ N	1	125 mL	PLASTIC	B	~~☑ Y ☒ N~~
1	100 ml	PLASTIC	F	☐ Y ☑ N					☐ Y ☐ N
1	250 mL	GLASS	A	☐ Y ☑ N					☐ Y ☐ N
1	125 mL	PLASTIC	C	☐ Y ☑ N					☐ Y ☐ N

SHIPPING METHOD: FEDEX	DATE SHIPPED: 4/21/10	AIRBILL NUMBER: 8654 1657 3307
COC NUMBER: N/A	SIGNATURE: S Pawlik	DATE SIGNED: 4/21/10

REVISED 03/2008

CHAIN-OF-CUSTODY RECORD

TRACE
the science of compliance

phone 231.773.5998
toll-free 800.733.5998
fax 231.773.6537

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
www.trace-labs.com

Page 1 of 2

TRAC

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TRACE USE ONLY

Logged By: Checked By:

Received on ice: Yes No Preservative Checked: Yes

Soil Volatiles Preserved: MeOH En Core Low Level Lab

Report Results To:

Client Name: RMT Inc.

Contact Person: Jennifer Oppenheimer

Mailing Address: 7025 E Beltline Ave SE Suite 102

City, State, Zip Code: Grand Rapids MI 49546

Phone: 616 975 5415 Fax: 616 975 1098

Email Address: Jennifer.Oppenheimer@rmt.com

Project #: 015415.41.001 PO #: Trace Quote #:

Project Name: LEC Monitoring Sampled by: SP

Bill To:

Billing Address (if different)

City, State, Zip Code Madison WI

Attn: Phone: Fax:

Regulatory Requirements		Turnaround Requirements		Matrix Key	
MERA TMDL's	☐	Standard (2 wk)	☐	S = Soil	WI = Wipes
Drinking Water	☐	* 5 Day	☐	W = Water	LW = Liquid Waste
NPDES	☐	* 2-4 Day (RUSH)	☐	SE = Sediment	A = Air
USACE	☐	* 24 Hour (RUSH)	☐	OI = Oil	D = Drinking Water
Special	☐	* Requires prior approval		SO = Solid Waste	SL = Sludge

Request for Analytical Services

ANALYSIS REQUESTED

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	BOD	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	REMARKS	Possible Health Hazard
		1045		DZC-02	W	11	2	2										
		1055		SW-D-5	W		2	2										
		1115		SW-D-1	W	11	2	2										
		1125		SW-D-2	W	11	2	2										
		152		SW-D-3	W	11	2	2										
		1110		SW-D-4	W	11	2	2										
		1200		SW-D-4	W	8	4	4									MS/MSD	
		1220		SW-D-6	W		2	2										
		1250		SW-D-3	W		2	2										
		1300		SW-D-7	W	11	2	2										

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
	1) [signature]	[signature]	[illegible]	1815		3)			
	2)					4)			

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

CHAIN-OF-CUSTODY RECORD

TRACE
the science of compliance

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toll-free 800.733.5998
fax 231.773.6537

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
www.trace-labs.com

TRACE ID NO.

TRACE USE ONLY

Logged By: Checked By:

Received on ice: Yes No Preservative Checked: Yes No N/A

Soil Volatiles Preserved: MeOH En Core Low Level Lab

Report Results To:

Client Name: [illegible]
Contact Person: [illegible]
Mailing Address: [illegible]
City, State, Zip Code: [illegible]
Phone: [illegible] Fax: [illegible]
Email Address: [illegible]
Project #: [illegible] PO #: Trace Quote #:
Project Name: [illegible] Sampled by: [illegible]

Regulatory Requirements		Turnaround Requirements		Matrix Key	
MERA TMDL's	☐	Standard (2 wk)	☑	S = Soil	WI = Wipes
Drinking Water	☐	* 5 Day	☐	W = Water	LW = Liquid Waste
NPDES	☐	* 2-4 Day (RUSH)	☐	SE = Sediment	A = Air
USACE	☐	* 24 Hour (RUSH)	☐	OI = Oil	D = Drinking Water
Special	☐	* Requires prior approval		SO = Solid Waste	SL = Sludge

Bill To:

Billing Address (if different)
City, State, Zip Code [illegible]
Attn: Phone: Fax:

Request for Analytical Services

ANALYSIS REQUESTED

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	REMARKS	Possible Health Hazard
	[illegible]	1310		SW-D-1	W	4	2	2										
	[illegible]	1325		TB-01	W	4	2	2										
	[illegible]	—		DUP-01	W	4	2	2										
	[illegible]	0855		MW-11-2	W	10	2	2	2	1	1	1	1					
	[illegible]	1007		MW-7Is	W	10	2	2	2	1	1	1	1					
	[illegible]	1355		MW-7S(2)	W	10	2	2	2	1	1	1	1					
	[illegible]	1510		MW-8	W	10	2	2	2	1	1	1	1					
	[illegible]	[illegible]		MW-01	W	10	2	2	2	1	1	1	1				Total Pb	
	[illegible]	1100		MW-2Is	W	10	2	2	2	1	1	1	1					
	[illegible]	—		TB-01	W	1	1											

SP

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
	1) [illegible]	[illegible]	[illegible]	1815		3)			
	2)					4)			

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

CHAIN-OF-CUSTODY RECORD

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Muskegon, MI 49444-2673
www.trace-labs.com

Page 1 of 1

TRACE ID NO.

TRACE USE ONLY

Logged By: Checked By:

Received on ice: Yes No Preservative Checked: Yes No N/A

Soil Volatiles Preserved: MeOH En Core Low Level Lab

Report Results To:

Client Name: RMT Inc
Contact Person: [illegible]
Mailing Address: 7075 E Beltline Ave SE Suite 102
City, State, Zip Code: Grand Rapids MI 49548
Phone: 616 975 5115 Fax: 616 975 1018
Email Address: [illegible]@rmtinc.com
Project #: 115 6 11001 PO #: Trace Quote #:
Project Name: LC Manufacturing Sampled by: SD

Bill To:

Billing Address (if different)
City, State, Zip Code Manitowoc WI
Attn: Phone: Fax:

Regulatory Requirements		Turnaround Requirements		Matrix Key	
MERA TMDL's	☐	Standard (2 wk)	☐	S = Soil	WI = Wipes
Drinking Water	☐	* 5 Day	☐	W = Water	LW = Liquid Waste
NPDES	☐	* 2-4 Day (RUSH)	☐	SE = Sediment	A = Air
USACE	☐	* 24 Hour (RUSH)	☐	OI = Oil	D = Drinking Water
Special	☐	* Requires prior approval		SO = Solid Waste	SL = Sludge

Request for Analytical Services

ANALYSIS REQUESTED

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				REMARKS	Possible Health Hazard
	4/2/10	1532	y	MW-30D	W	20	4	4	4	2	2	2	2				MS/MSD	
	4/2/10	0713	y	MW-30I	W	1	2	2	2	1	1	1	1					
	4/2/10	1148	y	MW-30S	W	1	2	2	2	1	1	1	1					
	4/2/10	1255	y	MW-28I	W	1	2	2	2	1	1	1	1					
	4/2/10	1355	y	MW-28S	W	1	2	2	2	1	1	1	1					
	4/2/10	1120	y	PZ-02	W	1	2	2	2	1	1	1	1				Total Pb	
	4/2/10	—	y	DUP-02	W	1	2	2	2	1	1	1	1					
	4/2/10	—	y	TB-02	W	1	1											

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
	1) [illegible]	[illegible]	4/2/10	1705		3)			
	2)					4)			

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

CHAIN-OF-CUSTODY RECORD

TRACE
the science of compliance

phone 231.773.5998
toll-free 800.733.5998
fax 231.773.6537

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
www.trace-labs.com

Page 1 of 1

TRACE ID NO.

TRACE USE ONLY

Logged By: Checked By:

Received on ice: Yes No Preservative Checked: Yes No N/A

Soil Volatiles Preserved: MeOH En Core Low Level Lab

Report Results To:

Client Name: RMT Inc

Contact Person: [illegible]

Mailing Address: 2025 E Beltline Hwy SE Ste 2

City, State, Zip Code: Grand Rapids MI 49506

Phone: 616 975 5915 Fax: 616 975 1498

Email Address: [illegible]

Project #: 01515 11 001 PO #: Trace Quote #:

Project Name: [illegible] Sampled by: SD

Regulatory Requirements		Turnaround Requirements		Matrix Key	
MERA TMDL's	☐	Standard (2 wk)	☐	S = Soil	WI = Wipes
Drinking Water	☐	* 5 Day	☑	W = Water	LW = Liquid Waste
NPDES	☐	* 2-4 Day (RUSH)	☐	SE = Sediment	A = Air
USACE	☐	* 24 Hour (RUSH)	☐	OI = Oil	D = Drinking Water
Special	☐	* Requires prior approval		SO = Solid Waste	SL = Sludge

Bill To:

Billing Address (if different) _____

City, State, Zip Code Madison, WI

Attn: _____ Phone: _____ Fax: _____

Request for Analytical Services

ANALYSIS REQUESTED

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	BTEX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				REMARKS	Possible Health Hazard
	4/22/10	0815	y	MW-32S	W	10	2	2	2	1	1	1	1					
	4/22/10	0855	y	MW-33S	W	10	2	2	2	1	1	1	1					
	4/22/10	0905	y	MW-31S	W	10	2	2	2	1	1	1	1					
	4/22/10	0955	y	MW-34S	W	10	2	2	2	1	1	1	1					
	4/22/10	1035	y	MW-35S	W	10	2	2	2	1	1	1	1					
	4/22/10	—	—	TB-03	W	1	1											

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
	1) [illegible]	[illegible]	4/22/10	1700		3)			
	2)					4)			

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

Appendix B
2nd Quarter 2010 Laboratory Analytical Report

TRACE
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May 03, 2010

Ms. Jennifer Overvoorde
RMT, Inc.
2025 E. Beltline Ave. SE Suite 402
Grand Rapids, MI 49546

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

RE: Trace Project T10D229
Client Project LEC Monitoring 01545.41.001

Dear Ms. Overvoorde:

Enclosed are your analytical results. The results of this report relate only to the samples listed in the body of this report.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work, however, some results may have raised reporting limits to correct for percent solids.

For clients that require NELAC Accreditation, Trace certifies that these test results meet all requirements of the NELAC Standard, except for those analytes with a "N" notation. These analytes have not been evaluated by NELAC at Trace's discretion and will not be reported unless requested by client.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at jmink@trace-labs.com.

Sincerely,

Jon Mink
Project Manager

Enclosures

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SAMPLE SUMMARY

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10D229-01	DRC-02	Surface Water	sp	04/19/10 10:45	04/21/10 11:09
T10D229-02	SW-D-5	Surface Water	sp	04/19/10 10:55	04/21/10 11:09
T10D229-03	SW-R-1	Surface Water	sp	04/19/10 11:15	04/21/10 11:09
T10D229-04	SW-R-2	Surface Water	sp	04/19/10 11:25	04/21/10 11:09
T10D229-05	SW-R-3	Surface Water	sp	04/19/10 11:32	04/21/10 11:09
T10D229-06	SW-R-4	Surface Water	sp	04/19/10 11:40	04/21/10 11:09
T10D229-07	SW-D-4	Surface Water	sp	04/19/10 12:00	04/21/10 11:09
T10D229-08	SW-R-6	Surface Water	sp	04/19/10 12:20	04/21/10 11:09
T10D229-09	SW-D-3	Surface Water	sp	04/19/10 12:50	04/21/10 11:09
T10D229-10	SW-D-2	Surface Water	sp	04/19/10 13:00	04/21/10 11:09
T10D229-11	SW-D-1	Surface Water	sp	04/19/10 13:10	04/21/10 11:09
T10D229-12	RB-01	Surface Water	sp	04/19/10 13:25	04/21/10 11:09
T10D229-13	DUP-01	Surface Water	sp	04/19/10	04/21/10 11:09
T10D229-14	MW-19-12	Ground Water	sp	04/20/10 08:55	04/21/10 11:09
T10D229-15	MW-29s	Ground Water	sp	04/20/10 10:07	04/21/10 11:09
T10D229-16	MW-25 (R)	Ground Water	sp	04/20/10 13:38	04/21/10 11:09
T10D229-17	MW-8	Ground Water	sp	04/20/10 15:09	04/21/10 11:09
T10D229-18	ATM-01	Ground Water	sp	04/20/10 15:35	04/21/10 11:09
T10D229-19	MW-27s	Ground Water	sp	04/20/10 16:00	04/21/10 11:09
T10D229-20	TB-01	Surface Water	sp	04/14/10 11:40	04/21/10 11:09
T10D229-21	MW-30D	Ground Water	sp	04/21/10 08:32	04/22/10 10:21
T10D229-22	MW-30i	Ground Water	sp	04/21/10 09:27	04/22/10 10:21
T10D229-23	MW-30S	Ground Water	sp	04/21/10 10:48	04/22/10 10:21
T10D229-24	MW-28i	Ground Water	sp	04/21/10 12:58	04/22/10 10:21
T10D229-25	MW-28S	Ground Water	sp	04/21/10 13:55	04/22/10 10:21
T10D229-26	RB-02	Ground Water	sp	04/21/10 16:20	04/22/10 10:21
T10D229-27	DUP-02	Ground Water	sp	04/21/10	04/22/10 10:21
T10D229-28	TB-02	Surface Water	sp	04/14/10	04/22/10 10:21
T10D229-29	MW-32s	Ground Water	sp	04/22/10 08:15	04/23/10 10:03
T10D229-30	MW-33s	Ground Water	sp	04/22/10 08:55	04/23/10 10:03
T10D229-31	MW-31s	Ground Water	sp	04/22/10 09:25	04/23/10 10:03
T10D229-32	MW-34s	Ground Water	sp	04/22/10 09:55	04/23/10 10:03
T10D229-33	MW-35s	Ground Water	sp	04/22/10 10:35	04/23/10 10:03
T10D229-34	TB-03	Ground Water	sp	04/14/10	04/23/10 10:03

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AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

DATA QUALIFIERS

Trace ID: T015963-BLK1

Analysis: SM9215B

Heterotrophic Plate Count	Note B : Analyte is found in the associated blank as well as in the sample (CLP B-flag).

Trace ID: T015974-MS1

Analysis: EPA 300.0 Rev. 2.1

Sulfate as SO4	Note 222 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than four times the spike amount, no data require qualification.

Trace ID: T015974-MSD1

Analysis: EPA 300.0 Rev. 2.1

Sulfate as SO4	Note 222 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than four times the spike amount, no data require qualification.

Trace ID: T016006-MSD1

Analysis: EPA 350.1 Rev. 2.0

Ammonia as N	Note 204 : The MSD recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

Trace ID: T016095-MS1

Analysis: RSK-175(MOD) / ISOTEC

Methane	Note 222.5 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than the spike amount, no data require qualification.

Trace ID: T016095-MSD1

Analysis: RSK-175(MOD) / ISOTEC

Methane	Note 222.5 : The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than the spike amount, no data require qualification.

CERTIFICATE OF ANALYSIS

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Trace ID: T10D229-15

Analysis: EPA 350.1 Rev. 2.0

Ammonia as N	Note 204 : The MSD recovery was out of control low, resulting in an out of control RPD between the MS and the MSD. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.

Trace ID: T10D229-21

Analysis: SM9215B

Heterotrophic Plate Count	Note B : Analyte is found in the associated blank as well as in the sample (CLP B-flag).

Trace ID: T10D229-22

Analysis: SM9215B

Heterotrophic Plate Count	Note B : Analyte is found in the associated blank as well as in the sample (CLP B-flag).

Trace ID: T10D229-23

Analysis: EPA 8270C

Nitrobenzene-d5	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Analysis: SM9215B

Heterotrophic Plate Count	Note B : Analyte is found in the associated blank as well as in the sample (CLP B-flag).

Trace ID: T10D229-24

Analysis: SM9215B

Heterotrophic Plate Count	Note B : Analyte is found in the associated blank as well as in the sample (CLP B-flag).

Trace ID: T10D229-25

Analysis: SM9215B

Heterotrophic Plate Count	Note B : Analyte is found in the associated blank as well as in the sample (CLP B-flag).

Trace ID: T10D229-27

Analysis: SM9215B

Heterotrophic Plate Count	Note B : Analyte is found in the associated blank as well as in the sample (CLP B-flag).

Trace ID: T10D229-29

Analysis: EPA 8270C

2-Fluorobiphenyl	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Nitrobenzene-d5	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Terphenyl-d14	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T10D229-30

Analysis: EPA 8270C

2-Fluorobiphenyl	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

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Nitrobenzene-d5	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Terphenyl-d14	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T10D229-31

Analysis: EPA 8270C

2-Fluorobiphenyl	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Nitrobenzene-d5	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Terphenyl-d14	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T10D229-33

Analysis: EPA 8270C

2-Fluorobiphenyl	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Nitrobenzene-d5	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Terphenyl-d14	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-01 | Date Collected: 04/19/10 10:45 | Matrix: Surface Water
Sample ID: DRC-02 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016053										
Benzene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/26/10	jp	04/26/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/26/10	jp	04/26/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	96	%	70-133	1	04/26/10	jp	04/26/10	jp		
Toluene-d8	96	%	76-125	1	04/26/10	jp	04/26/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	79	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	74	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	74	%	37-109	1	04/22/10	kb	04/23/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-02 | Date Collected: 04/19/10 10:55 | Matrix: Surface Water
Sample ID: SW-D-5 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016053										
Benzene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/26/10	jp	04/26/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/26/10	jp	04/26/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	96	%	70-133	1	04/26/10	jp	04/26/10	jp		
Toluene-d8	96	%	76-125	1	04/26/10	jp	04/26/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	81	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	73	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	80	%	37-109	1	04/22/10	kb	04/23/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-03 | Date Collected: 04/19/10 11:15 | Matrix: Surface Water
Sample ID: SW-R-1 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016104										
Benzene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Ethylbenzene	**0.64**	**ug/L**	**0.50**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**		
m,p-Xylene	**1.7**	**ug/L**	**1.0**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**	N	
o-Xylene	**0.83**	**ug/L**	**0.50**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**	N	
Xylenes, total	**2.5**	**ug/L**	**1.5**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	107	%	70-133	1	04/30/10	jp	04/30/10	jp		
Toluene-d8	106	%	76-125	1	04/30/10	jp	04/30/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	85	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	80	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	85	%	37-109	1	04/22/10	kb	04/23/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-04 | Date Collected: 04/19/10 11:25 | Matrix: Surface Water
Sample ID: SW-R-2 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016104										
Benzene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Ethylbenzene	**0.50**	**ug/L**	**0.50**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**		
m,p-Xylene	**1.2**	**ug/L**	**1.0**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**	N	
o-Xylene	**0.83**	**ug/L**	**0.50**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**	N	
Xylenes, total	**2.0**	**ug/L**	**1.5**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	107	%	70-133	1	04/30/10	jp	04/30/10	jp		
Toluene-d8	111	%	76-125	1	04/30/10	jp	04/30/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	78	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	71	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	73	%	37-109	1	04/22/10	kb	04/23/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-05 | Date Collected: 04/19/10 11:32 | Matrix: Surface Water
Sample ID: SW-R-3 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016053										
Benzene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/26/10	jp	04/26/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/26/10	jp	04/26/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	96	%	70-133	1	04/26/10	jp	04/26/10	jp		
Toluene-d8	97	%	76-125	1	04/26/10	jp	04/26/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	90	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	83	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	80	%	37-109	1	04/22/10	kb	04/23/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-06 | Date Collected: 04/19/10 11:40 | Matrix: Surface Water
Sample ID: SW-R-4 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016053										
Benzene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/26/10	jp	04/26/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/26/10	jp	04/26/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/26/10	jp	04/26/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	96	%	70-133	1	04/26/10	jp	04/26/10	jp		
Toluene-d8	97	%	76-125	1	04/26/10	jp	04/26/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	79	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	68	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	64	%	37-109	1	04/22/10	kb	04/23/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-07 | Date Collected: 04/19/10 12:00 | Matrix: Surface Water
Sample ID: SW-D-4 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016091										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	**15**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
m,p-Xylene	**46**	**ug/L**	**1.0**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	
o-Xylene	**1.6**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	
Xylenes, total	**48**	**ug/L**	**1.5**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	95	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	95	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/27/10	avl		
Surrogates:										
Nitrobenzene-d5	66	%	36-103	1	04/22/10	kb	04/27/10	avl		
2-Fluorobiphenyl	62	%	36-119	1	04/22/10	kb	04/27/10	avl		
Terphenyl-d14	59	%	37-109	1	04/22/10	kb	04/27/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-08 | Date Collected: 04/19/10 12:20 | Matrix: Surface Water
Sample ID: SW-R-6 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016091										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	95	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	98	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	80	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	77	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	84	%	37-109	1	04/22/10	kb	04/23/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-09 | Date Collected: 04/19/10 12:50 | Matrix: Surface Water
Sample ID: SW-D-3 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016104										
Benzene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/30/10	jp	04/30/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/30/10	jp	04/30/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	110	%	70-133	1	04/30/10	jp	04/30/10	jp		
Toluene-d8	111	%	76-125	1	04/30/10	jp	04/30/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	73	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	74	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	77	%	37-109	1	04/22/10	kb	04/23/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-10 | Date Collected: 04/19/10 13:00 | Matrix: Surface Water
Sample ID: SW-D-2 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016104										
Benzene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Ethylbenzene	**0.75**	**ug/L**	**0.50**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**		
m,p-Xylene	**1.6**	**ug/L**	**1.0**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**	N	
o-Xylene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp	N	
Xylenes, total	**1.6**	**ug/L**	**1.5**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	109	%	70-133	1	04/30/10	jp	04/30/10	jp		
Toluene-d8	111	%	76-125	1	04/30/10	jp	04/30/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	64	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	64	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	63	%	37-109	1	04/22/10	kb	04/23/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-11 | Date Collected: 04/19/10 13:10 | Matrix: Surface Water
Sample ID: SW-D-1 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016091										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	97	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	99	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	65	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	65	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	72	%	37-109	1	04/22/10	kb	04/23/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-12 | Date Collected: 04/19/10 13:25 | Matrix: Surface Water
Sample ID: RB-01 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016091										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	98	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	98	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	68	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	67	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	70	%	37-109	1	04/22/10	kb	04/23/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-13 | Date Collected: 04/19/10 | Matrix: Surface Water
Sample ID: DUP-01 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016104										
Benzene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Ethylbenzene	**0.78**	**ug/L**	**0.50**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**		
m,p-Xylene	**1.7**	**ug/L**	**1.0**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**	N	
o-Xylene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp	N	
Xylenes, total	**1.7**	**ug/L**	**1.5**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	110	%	70-133	1	04/30/10	jp	04/30/10	jp		
Toluene-d8	110	%	76-125	1	04/30/10	jp	04/30/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	69	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	71	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	77	%	37-109	1	04/22/10	kb	04/23/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-14 | Date Collected: 04/20/10 08:55 | Matrix: Ground Water
Sample ID: MW-19-12 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016091										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	96	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	99	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.98	ug/L	0.98	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	75	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	73	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	80	%	37-109	1	04/22/10	kb	04/23/10	avl		
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T015961										
Lead	<0.0030	mg/L	0.0030	1	04/22/10	jn	04/22/10	jn		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-15 | Date Collected: 04/20/10 10:07 | Matrix: Ground Water
Sample ID: MW-29s | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016090										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	106	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	105	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<1.0	ug/L	1.0	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	65	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	65	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	67	%	37-109	1	04/22/10	kb	04/23/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.39**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T015961										
Lead	<0.0030	mg/L	0.0030	1	04/22/10	jn	04/22/10	jn		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-15 | Date Collected: 04/20/10 10:07 | Matrix: Ground Water
Sample ID: MW-29s | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015942										
Nitrate as N	<0.075	mg/L	0.075	5	04/21/10	da	04/21/10	da		
Sulfate as SO4	**1.5**	**mg/L**	**0.60**	**5**	**04/21/10**	**da**	**04/21/10**	**da**		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	**4.2**	**mg/L**	**0.010**	**1**	**04/26/10**	**bd**	**04/28/10**	**adm**	204	
Analysis Method: SM 2540 C-97										
Batch: T015969										
Total Dissolved Solids	**440**	**mg/L**	**200**	**20**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM 2540 D-97										
Batch: T015941										
Total Suspended Solids	**46**	**mg/L**	**4.0**	**1**	**04/21/10**	**da**	**04/22/10**	**jm**		
Analysis Method: SM9215B										
Batch: T015936										
Heterotrophic Plate Count	**110**	**CFU/ml**	**1.0**	**1**	**04/21/10**	**da**	**04/23/10**	**da**	N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**6200**	**ug/L**	**100**	**100**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-16 | Date Collected: 04/20/10 13:38 | Matrix: Ground Water
Sample ID: MW-25 (R) | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016090										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	104	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	104	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<0.98	ug/L	0.98	1	04/22/10	kb	04/23/10	avl		
Surrogates:										
Nitrobenzene-d5	74	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	72	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	82	%	37-109	1	04/22/10	kb	04/23/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.20**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T015961										
Lead	<0.0030	mg/L	0.0030	1	04/22/10	jn	04/22/10	jn		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-16 | Date Collected: 04/20/10 13:38 | Matrix: Ground Water
Sample ID: MW-25 (R) | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015942										
Nitrate as N	<0.075	mg/L	0.075	5	04/21/10	da	04/21/10	da		
Sulfate as SO4	**1.4**	**mg/L**	**0.60**	**5**	**04/21/10**	**da**	**04/21/10**	**da**		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	**0.068**	**mg/L**	**0.010**	**1**	**04/26/10**	**bd**	**04/28/10**	**adm**		
Analysis Method: SM 2540 C-97										
Batch: T015969										
Total Dissolved Solids	<200	mg/L	200	20	04/22/10	bd	04/23/10	bd		
Analysis Method: SM 2540 D-97										
Batch: T015941										
Total Suspended Solids	**160**	**mg/L**	**4.0**	**1**	**04/21/10**	**da**	**04/22/10**	**jm**		
Analysis Method: SM9215B										
Batch: T015936										
Heterotrophic Plate Count	**1700**	**CFU/ml**	**1.0**	**1**	**04/21/10**	**da**	**04/23/10**	**da**	N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**36**	**ug/L**	**1.0**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-17 | Date Collected: 04/20/10 15:09 | Matrix: Ground Water
Sample ID: MW-8 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016090										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	105	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	103	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	**16**	**ug/L**	**0.95**	**1**	**04/22/10**	**kb**	**04/23/10**	**avl**		
Surrogates:										
Nitrobenzene-d5	75	%	36-103	1	04/22/10	kb	04/23/10	avl		
2-Fluorobiphenyl	76	%	36-119	1	04/22/10	kb	04/23/10	avl		
Terphenyl-d14	83	%	37-109	1	04/22/10	kb	04/23/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.24**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T015961										
Lead	<0.0030	mg/L	0.0030	1	04/22/10	jn	04/22/10	jn		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-17 | Date Collected: 04/20/10 15:09 | Matrix: Ground Water
Sample ID: MW-8 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015942										
Nitrate as N	<0.075	mg/L	0.075	5	04/21/10	da	04/21/10	da		
Sulfate as SO4	<0.60	mg/L	0.60	5	04/21/10	da	04/21/10	da		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	**0.24**	**mg/L**	**0.010**	**1**	**04/26/10**	**bd**	**04/28/10**	**adm**		
Analysis Method: SM 2540 C-97										
Batch: T015969										
Total Dissolved Solids	<200	mg/L	200	20	04/22/10	bd	04/23/10	bd		
Analysis Method: SM 2540 D-97										
Batch: T015941										
Total Suspended Solids	**36**	**mg/L**	**4.0**	**1**	**04/21/10**	**da**	**04/22/10**	**jm**		
Analysis Method: SM9215B										
Batch: T015936										
Heterotrophic Plate Count	**240**	**CFU/ml**	**1.0**	**1**	**04/21/10**	**da**	**04/23/10**	**da**	N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**140**	**ug/L**	**5.0**	**5**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-18 | Date Collected: 04/20/10 15:35 | Matrix: Ground Water
Sample ID: ATM-01 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016090										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	106	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	106	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<1.0	ug/L	1.0	1	04/22/10	kb	04/24/10	avl		
Surrogates:										
Nitrobenzene-d5	78	%	36-103	1	04/22/10	kb	04/24/10	avl		
2-Fluorobiphenyl	77	%	36-119	1	04/22/10	kb	04/24/10	avl		
Terphenyl-d14	84	%	37-109	1	04/22/10	kb	04/24/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	<0.050	mg/L	0.050	1	04/29/10	bk	04/29/10	jlm		
Analysis Method: EPA 6020										
Batch: T016071										
Lead	<0.0030	mg/L	0.0030	5	04/29/10	bk	05/03/10	jlm		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-18 | Date Collected: 04/20/10 15:35 | Matrix: Ground Water
Sample ID: ATM-01 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY									
Analysis Method: EPA 300.0 Rev. 2.1									
Batch: T015942									
Nitrate as N	<0.075 mg/L	0.075	5	04/21/10	da	04/21/10	da		
Sulfate as SO4	<0.60 mg/L	0.60	5	04/21/10	da	04/21/10	da		
Analysis Method: EPA 350.1 Rev. 2.0									
Batch: T016006									
Ammonia as N	<0.010 mg/L	0.010	1	04/26/10	bd	04/28/10	adm		
Analysis Method: SM 2540 C-97									
Batch: T015969									
Total Dissolved Solids	<50 mg/L	50	5	04/22/10	bd	04/23/10	bd		
Analysis Method: SM 2540 D-97									
Batch: T015941									
Total Suspended Solids	<4.0 mg/L	4.0	1	04/21/10	da	04/22/10	jm		
Analysis Method: SM9215B									
Batch: T015936									
Heterotrophic Plate Count	<1.0 CFU/ml	1.0	1	04/21/10	da	04/23/10	da	N	
VOLATILE ORGANIC COMPOUNDS BY GC									
Analysis Method: RSK-175(MOD) / ISOTECH									
Batch: T016095									
Methane	<1.0 ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-19 | Date Collected: 04/20/10 16:00 | Matrix: Ground Water
Sample ID: MW-27s | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016090										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	106	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	99	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T015958										
Bis(2-ethylhexyl)phthalate	<1.0	ug/L	1.0	1	04/22/10	kb	04/24/10	avl		
Surrogates:										
Nitrobenzene-d5	72	%	36-103	1	04/22/10	kb	04/24/10	avl		
2-Fluorobiphenyl	71	%	36-119	1	04/22/10	kb	04/24/10	avl		
Terphenyl-d14	72	%	37-109	1	04/22/10	kb	04/24/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	<0.050	mg/L	0.050	1	04/29/10	bk	04/29/10	jlm		
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T015961										
Lead	<0.0030	mg/L	0.0030	1	04/22/10	jn	04/22/10	jn		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-19 | Date Collected: 04/20/10 16:00 | Matrix: Ground Water
Sample ID: MW-27s | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015942										
Nitrate as N	**1.1**	**mg/L**	**0.075**	**5**	**04/21/10**	**da**	**04/21/10**	**da**		
Sulfate as SO4	**49**	**mg/L**	**0.60**	**5**	**04/21/10**	**da**	**04/21/10**	**da**		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	<0.010	mg/L	0.010	1	04/26/10	bd	04/28/10	adm		
Analysis Method: SM 2540 C-97										
Batch: T015969										
Total Dissolved Solids	**400**	**mg/L**	**200**	**20**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM 2540 D-97										
Batch: T015941										
Total Suspended Solids	**32**	**mg/L**	**4.0**	**1**	**04/21/10**	**da**	**04/22/10**	**jm**		
Analysis Method: SM9215B										
Batch: T015936										
Heterotrophic Plate Count	**30**	**CFU/ml**	**1.0**	**1**	**04/21/10**	**da**	**04/23/10**	**da**	N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-20 | Date Collected: 04/14/10 11:40 | Matrix: Surface Water
Sample ID: TB-01 | Date Received: 04/21/10 11:09

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016090										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	107	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	108	%	76-125	1	04/28/10	jp	04/28/10	jp		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-21 | Date Collected: 04/21/10 08:32 | Matrix: Ground Water
Sample ID: MW-30D | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016090										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	103	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	105	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T016007										
Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	04/26/10	kb	04/27/10	avl		
Surrogates:										
Nitrobenzene-d5	62	%	36-103	1	04/26/10	kb	04/27/10	avl		
2-Fluorobiphenyl	60	%	36-119	1	04/26/10	kb	04/27/10	avl		
Terphenyl-d14	74	%	37-109	1	04/26/10	kb	04/27/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.051**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T015961										
Lead	<0.0030	mg/L	0.0030	1	04/22/10	jn	04/22/10	jn		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-21 | Date Collected: 04/21/10 08:32 | Matrix: Ground Water
Sample ID: MW-30D | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015974										
Nitrate as N	<0.075	mg/L	0.075	5	04/22/10	da	04/22/10	da		
Sulfate as SO4	**8.7**	**mg/L**	**0.60**	**5**	**04/22/10**	**da**	**04/22/10**	**da**		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016002										
Ammonia as N	**0.079**	**mg/L**	**0.010**	**1**	**04/26/10**	**bd**	**04/28/10**	**admin**		
Analysis Method: SM 2540 C-97										
Batch: T015969										
Total Dissolved Solids	**110**	**mg/L**	**100**	**10**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM 2540 D-97										
Batch: T015966										
Total Suspended Solids	**6.0**	**mg/L**	**4.0**	**1**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM9215B										
Batch: T015963										
Heterotrophic Plate Count	**33**	**CFU/ml**	**1.0**	**1**	**04/22/10**	**da**	**04/24/10**	**da**	B, N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**71**	**ug/L**	**2.0**	**2**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-22 | Date Collected: 04/21/10 09:27 | Matrix: Ground Water
Sample ID: MW-30i | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016090										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	**1.9**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
m,p-Xylene	**2.0**	**ug/L**	**1.0**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	**2.0**	**ug/L**	**1.5**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	109	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	103	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T016007										
Bis(2-ethylhexyl)phthalate	**1.7**	**ug/L**	**0.95**	**1**	**04/26/10**	**kb**	**04/28/10**	**avl**		
Surrogates:										
Nitrobenzene-d5	69	%	36-103	1	04/26/10	kb	04/28/10	avl		
2-Fluorobiphenyl	66	%	36-119	1	04/26/10	kb	04/28/10	avl		
Terphenyl-d14	73	%	37-109	1	04/26/10	kb	04/28/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.38**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T015961										
Lead	<0.0030	mg/L	0.0030	1	04/22/10	jn	04/22/10	jn		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-22 | Date Collected: 04/21/10 09:27 | Matrix: Ground Water
Sample ID: MW-30i | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015974										
Nitrate as N	<0.075	mg/L	0.075	5	04/22/10	da	04/22/10	da		
Sulfate as SO4	<0.60	mg/L	0.60	5	04/22/10	da	04/22/10	da		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	**0.86**	**mg/L**	**0.010**	**1**	**04/26/10**	**bd**	**04/28/10**	**adm**		
Analysis Method: SM 2540 C-97										
Batch: T015969										
Total Dissolved Solids	**460**	**mg/L**	**20**	**2**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM 2540 D-97										
Batch: T015966										
Total Suspended Solids	**42**	**mg/L**	**8.0**	**2**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM9215B										
Batch: T015963										
Heterotrophic Plate Count	**130**	**CFU/ml**	**1.0**	**1**	**04/22/10**	**da**	**04/24/10**	**da**	B, N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**2100**	**ug/L**	**100**	**100**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-23 | Date Collected: 04/21/10 10:48 | Matrix: Ground Water
Sample ID: MW-30S | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016090										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/29/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/29/10	jp		
Ethylbenzene	**5.4**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/29/10**	**jp**		
m,p-Xylene	**15**	**ug/L**	**1.0**	**1**	**04/28/10**	**jp**	**04/29/10**	**jp**	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/29/10	jp	N	
Xylenes, total	**15**	**ug/L**	**1.5**	**1**	**04/28/10**	**jp**	**04/29/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	109	%	70-133	1	04/28/10	jp	04/29/10	jp		
Toluene-d8	101	%	76-125	1	04/28/10	jp	04/29/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T016007										
Bis(2-ethylhexyl)phthalate	**480**	**ug/L**	**9.8**	**10**	**04/26/10**	**kb**	**04/28/10**	**avl**		
Surrogates:										
Nitrobenzene-d5	*	%	36-103	10	04/26/10	kb	04/28/10	avl	302	
2-Fluorobiphenyl	56	%	36-119	10	04/26/10	kb	04/28/10	avl		
Terphenyl-d14	62	%	37-109	10	04/26/10	kb	04/28/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.26**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T015961										
Lead	<0.0030	mg/L	0.0030	1	04/22/10	jn	04/22/10	jn		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-23 | Date Collected: 04/21/10 10:48 | Matrix: Ground Water
Sample ID: MW-30S | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015974										
Nitrate as N	<0.075	mg/L	0.075	5	04/22/10	da	04/22/10	da		
Sulfate as SO4	<0.60	mg/L	0.60	5	04/22/10	da	04/22/10	da		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	**0.91**	**mg/L**	**0.010**	**1**	**04/26/10**	**bd**	**04/28/10**	**adm**		
Analysis Method: SM 2540 C-97										
Batch: T015969										
Total Dissolved Solids	**440**	**mg/L**	**20**	**2**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM 2540 D-97										
Batch: T015966										
Total Suspended Solids	**48**	**mg/L**	**8.0**	**2**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM9215B										
Batch: T015963										
Heterotrophic Plate Count	**12000**	**CFU/ml**	**1.0**	**1**	**04/22/10**	**da**	**04/24/10**	**da**	B, N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**3200**	**ug/L**	**100**	**100**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-24 | Date Collected: 04/21/10 12:58 | Matrix: Ground Water
Sample ID: MW-28i | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016090										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/29/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/29/10	jp		
Ethylbenzene	**2.7**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/29/10**	**jp**		
m,p-Xylene	**6.9**	**ug/L**	**1.0**	**1**	**04/28/10**	**jp**	**04/29/10**	**jp**	N	
o-Xylene	**2.5**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/29/10**	**jp**	N	
Xylenes, total	**9.4**	**ug/L**	**1.5**	**1**	**04/28/10**	**jp**	**04/29/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	108	%	70-133	1	04/28/10	jp	04/29/10	jp		
Toluene-d8	102	%	76-125	1	04/28/10	jp	04/29/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T016007										
Bis(2-ethylhexyl)phthalate	**26**	**ug/L**	**0.95**	**1**	**04/26/10**	**kb**	**04/28/10**	**avl**		
Surrogates:										
Nitrobenzene-d5	78	%	36-103	1	04/26/10	kb	04/28/10	avl		
2-Fluorobiphenyl	72	%	36-119	1	04/26/10	kb	04/28/10	avl		
Terphenyl-d14	76	%	37-109	1	04/26/10	kb	04/28/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.32**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T015961										
Lead	<0.0030	mg/L	0.0030	1	04/22/10	jn	04/22/10	jn		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-24 | Date Collected: 04/21/10 12:58 | Matrix: Ground Water
Sample ID: MW-28i | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015974										
Nitrate as N	<0.075	mg/L	0.075	5	04/22/10	da	04/22/10	da		
Sulfate as SO4	**2.1**	**mg/L**	**0.60**	**5**	**04/22/10**	**da**	**04/22/10**	**da**		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	**0.21**	**mg/L**	**0.010**	**1**	**04/26/10**	**bd**	**04/28/10**	**adm**		
Analysis Method: SM 2540 C-97										
Batch: T015969										
Total Dissolved Solids	**260**	**mg/L**	**20**	**2**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM 2540 D-97										
Batch: T015966										
Total Suspended Solids	**16**	**mg/L**	**8.0**	**2**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM9215B										
Batch: T015963										
Heterotrophic Plate Count	**8.0**	**CFU/ml**	**1.0**	**1**	**04/22/10**	**da**	**04/24/10**	**da**	B, N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**800**	**ug/L**	**100**	**100**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-25 | Date Collected: 04/21/10 13:55 | Matrix: Ground Water
Sample ID: MW-28S | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016079										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	**22**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
m,p-Xylene	**54**	**ug/L**	**1.0**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	
o-Xylene	**16**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	
Xylenes, total	**71**	**ug/L**	**1.5**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	102	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	103	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T016007										
Bis(2-ethylhexyl)phthalate	**240**	**ug/L**	**4.8**	**5**	**04/26/10**	**kb**	**04/28/10**	**avl**		
Surrogates:										
Nitrobenzene-d5	65	%	36-103	5	04/26/10	kb	04/28/10	avl		
2-Fluorobiphenyl	68	%	36-119	5	04/26/10	kb	04/28/10	avl		
Terphenyl-d14	74	%	37-109	5	04/26/10	kb	04/28/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.40**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T015961										
Lead	<0.0030	mg/L	0.0030	1	04/22/10	jn	04/22/10	jn		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-25 | Date Collected: 04/21/10 13:55 | Matrix: Ground Water
Sample ID: MW-28S | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015974										
Nitrate as N	<0.075	mg/L	0.075	5	04/22/10	da	04/22/10	da		
Sulfate as SO4	**1.1**	**mg/L**	**0.60**	**5**	**04/22/10**	**da**	**04/22/10**	**da**		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	**0.10**	**mg/L**	**0.010**	**1**	**04/26/10**	**bd**	**04/28/10**	**adm**		
Analysis Method: SM 2540 C-97										
Batch: T015969										
Total Dissolved Solids	**240**	**mg/L**	**20**	**2**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM 2540 D-97										
Batch: T015966										
Total Suspended Solids	**18**	**mg/L**	**8.0**	**2**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM9215B										
Batch: T015963										
Heterotrophic Plate Count	**71**	**CFU/ml**	**1.0**	**1**	**04/22/10**	**da**	**04/24/10**	**da**	B, N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**1600**	**ug/L**	**100**	**100**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-26 | Date Collected: 04/21/10 16:20 | Matrix: Ground Water
Sample ID: RB-02 | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016104										
Benzene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/30/10	jp	04/30/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/30/10	jp	04/30/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	108	%	70-133	1	04/30/10	jp	04/30/10	jp		
Toluene-d8	105	%	76-125	1	04/30/10	jp	04/30/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T016007										
Bis(2-ethylhexyl)phthalate	<1.0	ug/L	1.0	1	04/26/10	kb	04/27/10	avl		
Surrogates:										
Nitrobenzene-d5	55	%	36-103	1	04/26/10	kb	04/27/10	avl		
2-Fluorobiphenyl	56	%	36-119	1	04/26/10	kb	04/27/10	avl		
Terphenyl-d14	71	%	37-109	1	04/26/10	kb	04/27/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	<0.050	mg/L	0.050	1	04/29/10	bk	04/29/10	jlm		
Analysis Method: EPA 6020										
Batch: T016071										
Lead	<0.0030	mg/L	0.0030	5	04/29/10	bk	05/03/10	jlm		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-26 | Date Collected: 04/21/10 16:20 | Matrix: Ground Water
Sample ID: RB-02 | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015974										
Nitrate as N	<0.075	mg/L	0.075	5	04/22/10	da	04/22/10	da		
Sulfate as SO4	<0.60	mg/L	0.60	5	04/22/10	da	04/22/10	da		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	<0.010	mg/L	0.010	1	04/26/10	bd	04/28/10	adm		
Analysis Method: SM 2540 C-97										
Batch: T015969										
Total Dissolved Solids	<20	mg/L	20	2	04/22/10	bd	04/23/10	bd		
Analysis Method: SM 2540 D-97										
Batch: T015966										
Total Suspended Solids	<4.0	mg/L	4.0	1	04/22/10	bd	04/23/10	bd		
Analysis Method: SM9215B										
Batch: T015963										
Heterotrophic Plate Count	<1.0	CFU/ml	1.0	1	04/22/10	da	04/24/10	da	N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-27 | Date Collected: 04/21/10 | Matrix: Ground Water
Sample ID: DUP-02 | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016104										
Benzene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/30/10	jp	04/30/10	jp		
Ethylbenzene	**6.0**	**ug/L**	**0.50**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**		
m,p-Xylene	**21**	**ug/L**	**1.0**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**	N	
o-Xylene	**0.62**	**ug/L**	**0.50**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**	N	
Xylenes, total	**22**	**ug/L**	**1.5**	**1**	**04/30/10**	**jp**	**04/30/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	110	%	70-133	1	04/30/10	jp	04/30/10	jp		
Toluene-d8	107	%	76-125	1	04/30/10	jp	04/30/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T016007										
Bis(2-ethylhexyl)phthalate	**460**	**ug/L**	**4.9**	**5**	**04/26/10**	**kb**	**04/28/10**	**avl**		
Surrogates:										
Nitrobenzene-d5	43	%	36-103	5	04/26/10	kb	04/28/10	avl		
2-Fluorobiphenyl	52	%	36-119	5	04/26/10	kb	04/28/10	avl		
Terphenyl-d14	61	%	37-109	5	04/26/10	kb	04/28/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.26**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T015961										
Lead	<0.0030	mg/L	0.0030	1	04/22/10	jn	04/22/10	jn		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-27 | Date Collected: 04/21/10 | Matrix: Ground Water
Sample ID: DUP-02 | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015974										
Nitrate as N	<0.075	mg/L	0.075	5	04/22/10	da	04/22/10	da		
Sulfate as SO4	<0.60	mg/L	0.60	5	04/22/10	da	04/22/10	da		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	**0.93**	**mg/L**	**0.010**	**1**	**04/26/10**	**bd**	**04/28/10**	**adm**		
Analysis Method: SM 2540 C-97										
Batch: T015969										
Total Dissolved Solids	**470**	**mg/L**	**20**	**2**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM 2540 D-97										
Batch: T015966										
Total Suspended Solids	**50**	**mg/L**	**8.0**	**2**	**04/22/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM9215B										
Batch: T015963										
Heterotrophic Plate Count	**2700**	**CFU/ml**	**1.0**	**1**	**04/22/10**	**da**	**04/24/10**	**da**	B, N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**3300**	**ug/L**	**200**	**200**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-28 | Date Collected: 04/14/10 | Matrix: Surface Water
Sample ID: TB-02 | Date Received: 04/22/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016079										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	104	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	103	%	76-125	1	04/28/10	jp	04/28/10	jp		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-29 | Date Collected: 04/22/10 08:15 | Matrix: Ground Water
Sample ID: MW-32s | Date Received: 04/23/10 10:03

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016079										
Benzene	**6.7**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
Toluene	**14**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
Ethylbenzene	**6200**	**ug/L**	**50**	**100**	**04/28/10**	**jp**	**04/28/10**	**jp**		
m,p-Xylene	**26000**	**ug/L**	**100**	**100**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	
o-Xylene	**4100**	**ug/L**	**50**	**100**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	
Xylenes, total	**31000**	**ug/L**	**150**	**100**	**04/28/10**	**jp**	**04/28/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	106	%	70-133	1	04/28/10	jp	04/28/10	jp		
1,2-Dichloroethane-d4	104	%	70-133	100	04/28/10	jp	04/28/10	jp		
Toluene-d8	100	%	76-125	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	100	%	76-125	100	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T016007										
Bis(2-ethylhexyl)phthalate	**2800**	**ug/L**	**42**	**40**	**04/26/10**	**kb**	**04/28/10**	**avl**		
Surrogates:										
Nitrobenzene-d5	*	%	36-103	40	04/26/10	kb	04/28/10	avl	302	
2-Fluorobiphenyl	*	%	36-119	40	04/26/10	kb	04/28/10	avl	302	
Terphenyl-d14	*	%	37-109	40	04/26/10	kb	04/28/10	avl	302	
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.14**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-29 | Date Collected: 04/22/10 08:15 | Matrix: Ground Water
Sample ID: MW-32s | Date Received: 04/23/10 10:03

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T016105										
Lead	<0.0030	mg/L	0.0030	1	04/30/10	jn	04/30/10	jlm		
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015997										
Nitrate as N	<0.075	mg/L	0.075	5	04/23/10	da	04/23/10	da		
Sulfate as SO4	**11**	**mg/L**	**0.60**	**5**	**04/23/10**	**da**	**04/23/10**	**da**		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	**0.085**	**mg/L**	**0.010**	**1**	**04/26/10**	**bd**	**04/28/10**	**adm**		
Analysis Method: SM 2540 C-97										
Batch: T016020										
Total Dissolved Solids	**520**	**mg/L**	**200**	**20**	**04/26/10**	**bd**	**04/27/10**	**da**		
Analysis Method: SM 2540 D-97										
Batch: T015990										
Total Suspended Solids	**52**	**mg/L**	**8.0**	**2**	**04/23/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM9215B										
Batch: T015993										
Heterotrophic Plate Count	**370**	**CFU/ml**	**1.0**	**1**	**04/23/10**	**da**	**04/25/10**	**da**	N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**11000**	**ug/L**	**200**	**200**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-30 | Date Collected: 04/22/10 08:55 | Matrix: Ground Water
Sample ID: MW-33s | Date Received: 04/23/10 10:03

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016079										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	**1.5**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
m,p-Xylene	**7.5**	**ug/L**	**1.0**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	
o-Xylene	**2.5**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	
Xylenes, total	**10**	**ug/L**	**1.5**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	106	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	101	%	76-125	1	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T016007										
Bis(2-ethylhexyl)phthalate	**910**	**ug/L**	**20**	**20**	**04/26/10**	**kb**	**04/28/10**	**avl**		
Surrogates:										
Nitrobenzene-d5	*	%	36-103	20	04/26/10	kb	04/28/10	avl	302	
2-Fluorobiphenyl	*	%	36-119	20	04/26/10	kb	04/28/10	avl	302	
Terphenyl-d14	*	%	37-109	20	04/26/10	kb	04/28/10	avl	302	
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.098**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T016105										
Lead	<0.0030	mg/L	0.0030	1	04/30/10	jn	04/30/10	jlm		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-30 | Date Collected: 04/22/10 08:55 | Matrix: Ground Water
Sample ID: MW-33s | Date Received: 04/23/10 10:03

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015997										
Nitrate as N	<0.075	mg/L	0.075	5	04/23/10	da	04/23/10	da		
Sulfate as SO4	**9.3**	**mg/L**	**0.60**	**5**	**04/23/10**	**da**	**04/23/10**	**da**		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	**4.0**	**mg/L**	**0.010**	**1**	**04/26/10**	**bd**	**04/28/10**	**adm**		
Analysis Method: SM 2540 C-97										
Batch: T016020										
Total Dissolved Solids	**460**	**mg/L**	**200**	**20**	**04/26/10**	**bd**	**04/27/10**	**da**		
Analysis Method: SM 2540 D-97										
Batch: T015990										
Total Suspended Solids	**74**	**mg/L**	**8.0**	**2**	**04/23/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM9215B										
Batch: T015993										
Heterotrophic Plate Count	**6000**	**CFU/ml**	**1.0**	**1**	**04/23/10**	**da**	**04/25/10**	**da**	N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**6100**	**ug/L**	**200**	**200**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-31 | Date Collected: 04/22/10 09:25 | Matrix: Ground Water
Sample ID: MW-31s | Date Received: 04/23/10 10:03

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016091										
Benzene	**7.6**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
Toluene	**16**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
Ethylbenzene	**8700**	**ug/L**	**120**	**250**	**04/29/10**	**jp**	**04/29/10**	**jp**		
m,p-Xylene	**32000**	**ug/L**	**250**	**250**	**04/29/10**	**jp**	**04/29/10**	**jp**	N	
o-Xylene	**8200**	**ug/L**	**120**	**250**	**04/29/10**	**jp**	**04/29/10**	**jp**	N	
Xylenes, total	**40000**	**ug/L**	**380**	**250**	**04/29/10**	**jp**	**04/29/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	98	%	70-133	1	04/28/10	jp	04/28/10	jp		
1,2-Dichloroethane-d4	108	%	70-133	250	04/29/10	jp	04/29/10	jp		
Toluene-d8	93	%	76-125	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	108	%	76-125	250	04/29/10	jp	04/29/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T016007										
Bis(2-ethylhexyl)phthalate	**190**	**ug/L**	**25**	**25**	**04/26/10**	**kb**	**04/28/10**	**avl**		
Surrogates:										
Nitrobenzene-d5	*	%	36-103	25	04/26/10	kb	04/28/10	avl	302	
2-Fluorobiphenyl	*	%	36-119	25	04/26/10	kb	04/28/10	avl	302	
Terphenyl-d14	*	%	37-109	25	04/26/10	kb	04/28/10	avl	302	
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.26**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-31 | Date Collected: 04/22/10 09:25 | Matrix: Ground Water
Sample ID: MW-31s | Date Received: 04/23/10 10:03

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T016105										
Lead	<0.0030	mg/L	0.0030	1	04/30/10	jn	04/30/10	jlm		
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015997										
Nitrate as N	<0.075	mg/L	0.075	5	04/23/10	da	04/23/10	da		
Sulfate as SO4	**36**	**mg/L**	**0.60**	**5**	**04/23/10**	**da**	**04/23/10**	**da**		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016002										
Ammonia as N	**12**	**mg/L**	**0.081**	**10**	**04/26/10**	**bd**	**04/28/10**	**adm**		
Analysis Method: SM 2540 C-97										
Batch: T016020										
Total Dissolved Solids	**630**	**mg/L**	**50**	**5**	**04/26/10**	**bd**	**04/27/10**	**da**		
Analysis Method: SM 2540 D-97										
Batch: T015990										
Total Suspended Solids	**5.0**	**mg/L**	**4.0**	**1**	**04/23/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM9215B										
Batch: T015993										
Heterotrophic Plate Count	**210000**	**CFU/ml**	**1.0**	**1**	**04/23/10**	**da**	**04/25/10**	**da**	N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**13000**	**ug/L**	**500**	**500**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-32 | Date Collected: 04/22/10 09:55 | Matrix: Ground Water
Sample ID: MW-34s | Date Received: 04/23/10 10:03

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016091										
Benzene	**5.6**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
Toluene	**44**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/28/10**	**jp**		
Ethylbenzene	**3400**	**ug/L**	**50**	**100**	**04/29/10**	**jp**	**04/29/10**	**jp**		
m,p-Xylene	**11000**	**ug/L**	**100**	**100**	**04/29/10**	**jp**	**04/29/10**	**jp**	N	
o-Xylene	**3500**	**ug/L**	**50**	**100**	**04/29/10**	**jp**	**04/29/10**	**jp**	N	
Xylenes, total	**14000**	**ug/L**	**150**	**100**	**04/29/10**	**jp**	**04/29/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	95	%	70-133	1	04/28/10	jp	04/28/10	jp		
1,2-Dichloroethane-d4	110	%	70-133	100	04/29/10	jp	04/29/10	jp		
Toluene-d8	92	%	76-125	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	107	%	76-125	100	04/29/10	jp	04/29/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T016007										
Bis(2-ethylhexyl)phthalate	**8.1**	**ug/L**	**1.0**	**1**	**04/26/10**	**kb**	**04/28/10**	**avl**		
Surrogates:										
Nitrobenzene-d5	67	%	36-103	1	04/26/10	kb	04/28/10	avl		
2-Fluorobiphenyl	67	%	36-119	1	04/26/10	kb	04/28/10	avl		
Terphenyl-d14	74	%	37-109	1	04/26/10	kb	04/28/10	avl		
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	<0.050	mg/L	0.050	1	04/29/10	bk	04/29/10	jlm		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-32 | Date Collected: 04/22/10 09:55 | Matrix: Ground Water
Sample ID: MW-34s | Date Received: 04/23/10 10:03

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T016105										
Lead	<0.0030	mg/L	0.0030	1	04/30/10	jn	04/30/10	jlm		
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015997										
Nitrate as N	<0.075	mg/L	0.075	5	04/23/10	da	04/23/10	da		
Sulfate as SO4	**2.8**	**mg/L**	**0.60**	**5**	**04/23/10**	**da**	**04/23/10**	**da**		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	<0.010	mg/L	0.010	1	04/26/10	bd	04/28/10	adm		
Analysis Method: SM 2540 C-97										
Batch: T016020										
Total Dissolved Solids	**370**	**mg/L**	**100**	**10**	**04/26/10**	**bd**	**04/27/10**	**da**		
Analysis Method: SM 2540 D-97										
Batch: T015990										
Total Suspended Solids	**20**	**mg/L**	**8.0**	**2**	**04/23/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM9215B										
Batch: T015993										
Heterotrophic Plate Count	**1700**	**CFU/ml**	**1.0**	**1**	**04/23/10**	**da**	**04/25/10**	**da**	N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**8700**	**ug/L**	**200**	**200**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-33 | Date Collected: 04/22/10 10:35 | Matrix: Ground Water
Sample ID: MW-35s | Date Received: 04/23/10 10:03

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016091										
Methyl-tert-butyl ether	<0.50	ug/L	0.50	1	04/28/10	jp	04/29/10	jp		
Benzene	**13**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/29/10**	**jp**		
Toluene	**35**	**ug/L**	**0.50**	**1**	**04/28/10**	**jp**	**04/29/10**	**jp**		
Ethylbenzene	**14000**	**ug/L**	**100**	**200**	**04/28/10**	**jp**	**04/28/10**	**jp**		
m,p-Xylene	**56000**	**ug/L**	**200**	**200**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	
o-Xylene	**23000**	**ug/L**	**100**	**200**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	
Xylenes, total	**79000**	**ug/L**	**300**	**200**	**04/28/10**	**jp**	**04/28/10**	**jp**		
Surrogates:										
1,2-Dichloroethane-d4	107	%	70-133	1	04/28/10	jp	04/29/10	jp		
1,2-Dichloroethane-d4	96	%	70-133	200	04/28/10	jp	04/28/10	jp		
Toluene-d8	93	%	76-125	1	04/28/10	jp	04/29/10	jp		
Toluene-d8	100	%	76-125	200	04/28/10	jp	04/28/10	jp		
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T016007										
Bis(2-ethylhexyl)phthalate	**540**	**ug/L**	**26**	**25**	**04/26/10**	**kb**	**04/28/10**	**avl**		
Surrogates:										
Nitrobenzene-d5	*	%	36-103	25	04/26/10	kb	04/28/10	avl	302	
2-Fluorobiphenyl	*	%	36-119	25	04/26/10	kb	04/28/10	avl	302	
Terphenyl-d14	*	%	37-109	25	04/26/10	kb	04/28/10	avl	302	
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T016071										
Phosphorus	**0.079**	**mg/L**	**0.050**	**1**	**04/29/10**	**bk**	**04/29/10**	**jlm**		

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-33 | Date Collected: 04/22/10 10:35 | Matrix: Ground Water
Sample ID: MW-35s | Date Received: 04/23/10 10:03

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
METALS, DISSOLVED										
Analysis Method: EPA 6020										
Batch: T016105										
Lead	<0.0030	mg/L	0.0030	1	04/30/10	jn	04/30/10	jlm		
WET CHEMISTRY										
Analysis Method: EPA 300.0 Rev. 2.1										
Batch: T015997										
Nitrate as N	<0.075	mg/L	0.075	5	04/23/10	da	04/23/10	da		
Sulfate as SO4	<0.60	mg/L	0.60	5	04/23/10	da	04/23/10	da		
Analysis Method: EPA 350.1 Rev. 2.0										
Batch: T016006										
Ammonia as N	**0.081**	**mg/L**	**0.010**	**1**	**04/26/10**	**bd**	**04/28/10**	**adm**		
Analysis Method: SM 2540 C-97										
Batch: T016020										
Total Dissolved Solids	**540**	**mg/L**	**200**	**20**	**04/26/10**	**bd**	**04/27/10**	**da**		
Analysis Method: SM 2540 D-97										
Batch: T015990										
Total Suspended Solids	**38**	**mg/L**	**8.0**	**2**	**04/23/10**	**bd**	**04/23/10**	**bd**		
Analysis Method: SM9215B										
Batch: T015993										
Heterotrophic Plate Count	**76**	**CFU/ml**	**1.0**	**1**	**04/23/10**	**da**	**04/25/10**	**da**	N	
VOLATILE ORGANIC COMPOUNDS BY GC										
Analysis Method: RSK-175(MOD) / ISOTECH										
Batch: T016095										
Methane	**15000**	**ug/L**	**400**	**400**	**04/28/10**	**jp**	**04/28/10**	**jp**	N	

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ANALYTICAL RESULTS

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

Trace ID: T10D229-34 | Date Collected: 04/14/10 | Matrix: Ground Water
Sample ID: TB-03 | Date Received: 04/23/10 10:03

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8260B										
Batch: T016079										
Benzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Toluene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
Ethylbenzene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp		
m,p-Xylene	<1.0	ug/L	1.0	1	04/28/10	jp	04/28/10	jp	N	
o-Xylene	<0.50	ug/L	0.50	1	04/28/10	jp	04/28/10	jp	N	
Xylenes, total	<1.5	ug/L	1.5	1	04/28/10	jp	04/28/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	103	%	70-133	1	04/28/10	jp	04/28/10	jp		
Toluene-d8	103	%	76-125	1	04/28/10	jp	04/28/10	jp		

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QUALITY CONTROL RESULTS

Trace Project ID: T10D229

Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016095
QC Batch Method: RSK-175(MOD) / ISOTECH

Analysis Description: Dissolved Gases
Analysis Method: RSK-175(MOD) / ISOTECH

METHOD BLANK: T016095-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Methane	ug/L	<1.0	1.0	

METHOD BLANK: T016095-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Methane	ug/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T016095-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Methane	ug/L	12.8	12.2	95	70-130	

LABORATORY CONTROL SAMPLE: T016095-BS2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Methane	ug/L	12.8	11.9	93	70-130	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T016095-MSD1

Original: **T10D229-21**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Methane	**ug/L**	**71.2**	**12.8**	**125**	**125**	**421**	**423**	**70-130**	**0.5**	**15**	**222.5**

Trace Project ID: T10D229

Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016071
QC Batch Method: EPA 3015 Microwave Assisted Digestions for Liquids

Analysis Description: Phosphorus, Total
Analysis Method: EPA 6010B

METHOD BLANK: T016071-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Phosphorus	mg/L	<0.050	0.050	

LABORATORY CONTROL SAMPLE: T016071-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes

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LABORATORY CONTROL SAMPLE: T016071-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Phosphorus	mg/L	8.89	9.31	105	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T016071-MSD1 Original: **T10D229-21**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Phosphorus	mg/L	0.0512	8.89	9.44	9.23	106	103	75-125	2	20	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T015961
QC Batch Method:
Analysis Description: Lead, Dissolved
Analysis Method: EPA 6020

METHOD BLANK: T015961-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

LABORATORY CONTROL SAMPLE: T015961-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.250	0.242	97	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015961-MSD1 Original: **T10D229-21**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Lead	mg/L	0	0.250	0.252	0.247	101	99	75-125	2	20	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016071
QC Batch Method: EPA 3015 Microwave Assisted Digestions for Liquids
Analysis Description: Lead, Total
Analysis Method: EPA 6020

METHOD BLANK: T016071-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

LABORATORY CONTROL SAMPLE: T016071-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.0556	0.0584	105	80-120	

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T016071-MSD1 Original: **T10D229-21**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Lead	mg/L	0	0.0556	0.0614	0.0627	110	113	75-125	2	20	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016105
QC Batch Method:
Analysis Description: Lead, Dissolved
Analysis Method: EPA 6020

METHOD BLANK: T016105-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

LABORATORY CONTROL SAMPLE: T016105-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.250	0.246	98	80-120	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T015958
QC Batch Method: EPA 3510C Separatory Funnel Liquid-Liquid Extr.
Analysis Description: Semi-volatiles, TCL list
Analysis Method: EPA 8270C

METHOD BLANK: T015958-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	<5.0	5.0	
Nitrobenzene-d5 (S)	%	51	36-103	
2-Fluorobiphenyl (S)	%	46	36-119	
Terphenyl-d14 (S)	%	65	37-109	

LABORATORY CONTROL SAMPLE: T015958-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	100	96.3	96	57-107	
Nitrobenzene-d5 (S)	%	100	80.8	81	36-103	
2-Fluorobiphenyl (S)	%	100	77.4	77	36-119	
Terphenyl-d14 (S)	%	100	88.0	88	37-109	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015958-MSD1 Original: **T10D229-07**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015958-MSD1 Original: **T10D229-07**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Bis(2-ethylhexyl)phthalate	ug/L	0	94.4	81.4	90.0	86	95	52-106	10	29	
Nitrobenzene-d5 (S)	%		94.4	75.4	70.7	80	75	36-103			
2-Fluorobiphenyl (S)	%		94.4	69.7	71.9	74	76	36-119			
Terphenyl-d14 (S)	%		94.4	67.2	80.9	71	86	37-109			

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016007
QC Batch Method: EPA 3510C Separatory Funnel Liquid-Liquid Extr.
Analysis Description: Semi-volatiles, TCL list
Analysis Method: EPA 8270C

METHOD BLANK: T016007-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	<5.0	5.0	
Nitrobenzene-d5 (S)	%	55	36-103	
2-Fluorobiphenyl (S)	%	54	36-119	
Terphenyl-d14 (S)	%	66	37-109	

LABORATORY CONTROL SAMPLE: T016007-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	100	92.0	92	57-107	
Nitrobenzene-d5 (S)	%	100	71.8	72	36-103	
2-Fluorobiphenyl (S)	%	100	69.5	70	36-119	
Terphenyl-d14 (S)	%	100	95.1	95	37-109	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T016007-MSD1 Original: **T10D229-21**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Bis(2-ethylhexyl)phthalate	ug/L	0	94.8	82.6	82.7	87	87	52-106	0.08	29	
Nitrobenzene-d5 (S)	%		94.8	74.9	79.1	79	84	36-103			
2-Fluorobiphenyl (S)	%		94.8	69.9	74.4	74	78	36-119			
Terphenyl-d14 (S)	%		94.8	81.2	82.9	86	87	37-109			

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016053
QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples
Analysis Description: Volatiles, BTEX/MTBE (GC/MS)
Analysis Method: EPA 8260B

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METHOD BLANK: T016053-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	93	70-133	
Toluene-d8 (S)	%	96	76-125	

LABORATORY CONTROL SAMPLE: T016053-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	21.2	106	80-120	
Toluene	ug/L	20.0	20.9	104	80-120	
1,2-Dichloroethane-d4 (S)	%	28.0	26.7	96	70-133	
Toluene-d8 (S)	%	28.0	27.4	98	76-125	

Trace Project ID: T10D229

Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016079

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

Analysis Method: EPA 8260B

METHOD BLANK: T016079-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	107	70-133	
Toluene-d8 (S)	%	105	76-125	

LABORATORY CONTROL SAMPLE: T016079-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	20.8	104	80-120	
Toluene	ug/L	20.0	20.6	103	80-120	
1,2-Dichloroethane-d4 (S)	%	40.0	40.8	102	70-133	
Toluene-d8 (S)	%	40.0	40.5	101	76-125	

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T016079-MSD1 Original: **T10D229-29RE1**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	ug/L	6.67	2000	1990	2060	99	103	78-114	4	11	
Toluene	ug/L	13.8	2000	2060	2080	102	104	77-118	1	10	
1,2-Dichloroethane-d4 (S)	%		40.0	39.5	40.6	99	101	70-133			
Toluene-d8 (S)	%		40.0	42.8	41.8	107	104	76-125			

Trace Project ID: T10D229

Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016090

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

Analysis Method: EPA 8260B

METHOD BLANK: T016090-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	100	70-133	
Toluene-d8 (S)	%	107	76-125	

LABORATORY CONTROL SAMPLE: T016090-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	20.5	103	80-120	
Toluene	ug/L	20.0	20.2	101	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	44.4	99	70-133	
Toluene-d8 (S)	%	45.0	47.8	106	76-125	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T016090-MSD1 Original: **T10D229-21**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	ug/L	0	20.0	22.7	22.9	114	114	78-114	0.6	11	
Toluene	ug/L	0	20.0	22.0	22.7	110	113	77-118	3	10	
1,2-Dichloroethane-d4 (S)	%		45.0	46.2	46.6	103	104	70-133			
Toluene-d8 (S)	%		45.0	47.3	48.0	105	107	76-125			

Trace Project ID: T10D229

Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016091

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

Analysis Method: EPA 8260B

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METHOD BLANK: T016091-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	97	70-133	
Toluene-d8 (S)	%	96	76-125	

LABORATORY CONTROL SAMPLE: T016091-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	22.0	110	80-120	
Toluene	ug/L	20.0	20.9	105	80-120	
1,2-Dichloroethane-d4 (S)	%	28.0	26.9	96	70-133	
Toluene-d8 (S)	%	28.0	27.0	96	76-125	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T016091-MSD1 Original: **T10D229-07**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	ug/L	0	20.0	22.3	22.6	111	113	78-114	1	11	
Toluene	ug/L	0	20.0	21.1	21.4	105	107	77-118	2	10	
1,2-Dichloroethane-d4 (S)	%		28.0	26.9	26.5	96	94	70-133			
Toluene-d8 (S)	%		28.0	26.9	27.3	96	98	76-125			

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016093
QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples
Analysis Description: Volatiles, BTEX/MTBE (GC/MS)
Analysis Method: EPA 8260B

METHOD BLANK: T016093-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	110	70-133	
Toluene-d8 (S)	%	107	76-125	

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LABORATORY CONTROL SAMPLE: T016093-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	19.2	96	80-120	
Toluene	ug/L	20.0	19.1	95	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	48.6	108	70-133	
Toluene-d8 (S)	%	45.0	48.2	107	76-125	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016104
QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples
Analysis Description: Volatiles, BTEX/MTBE (GC/MS)
Analysis Method: EPA 8260B

METHOD BLANK: T016104-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	105	70-133	
Toluene-d8 (S)	%	108	76-125	

LABORATORY CONTROL SAMPLE: T016104-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	19.2	96	80-120	
Toluene	ug/L	20.0	19.2	96	80-120	
1,2-Dichloroethane-d4 (S)	%	20.0	20.9	104	70-133	
Toluene-d8 (S)	%	20.0	21.2	106	76-125	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T015942
QC Batch Method: IC Prep W
Analysis Description: Sulfate
Analysis Method: EPA 300.0 Rev. 2.1

METHOD BLANK: T015942-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Nitrate as N	mg/L	<0.075	0.075	
Sulfate as SO4	mg/L	<1.0	1.0	

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LABORATORY CONTROL SAMPLE: T015942-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrate as N	mg/L	0.500	0.261	52	90-110	
Sulfate as SO4	mg/L	2.50	1.26	50	90-110	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T015974
QC Batch Method: IC Prep W
Analysis Description: Nitrate
Analysis Method: EPA 300.0 Rev. 2.1

METHOD BLANK: T015974-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Nitrate as N	mg/L	<0.075	0.075	
Sulfate as SO4	mg/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T015974-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrate as N	mg/L	0.500	0.258	52	90-110	
Sulfate as SO4	mg/L	2.50	1.21	49	90-110	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015974-MSD1 Original: **T10D229-21**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Nitrate as N	mg/L	0.0682	1.20	0.658	0.659	49	49	80-120	0.3	20	
Sulfate as SO4	**mg/L**	**8.66**	**6.00**	**4.97**	**4.86**	**-62**	**-63**	**80-120**	**-3**	**20**	**222**

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T015997
QC Batch Method: IC Prep W
Analysis Description: Sulfate
Analysis Method: EPA 300.0 Rev. 2.1

METHOD BLANK: T015997-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Nitrate as N	mg/L	<0.075	0.075	
Sulfate as SO4	mg/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T015997-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrate as N	mg/L	0.500	0.255	51	90-110	

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LABORATORY CONTROL SAMPLE: T015997-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Sulfate as SO4	mg/L	2.50	1.29	51	90-110	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016002
QC Batch Method: EPA 350.1 Rev. 2.0
Analysis Description: Nitrogen, Ammonia
Analysis Method: EPA 350.1 Rev. 2.0

METHOD BLANK: T016002-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Ammonia as N	mg/L	<0.010	0.010	

LABORATORY CONTROL SAMPLE: T016002-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Ammonia as N	mg/L	1.00	1.02	102	90-110	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T016002-MSD1 Original: **T10D229-21**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Ammonia as N	mg/L	0.0791	2.00	1.88	1.87	90	90	90-110	0.6	7.9	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016006
QC Batch Method: EPA 350.1 Rev. 2.0
Analysis Description: Nitrogen, Ammonia
Analysis Method: EPA 350.1 Rev. 2.0

METHOD BLANK: T016006-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Ammonia as N	mg/L	<0.010	0.010	

LABORATORY CONTROL SAMPLE: T016006-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Ammonia as N	mg/L	1.00	1.02	102	90-110	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T016006-MSD1 Original: **T10D229-15**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Ammonia as N	**mg/L**	**4.23**	**2.00**	**6.14**	**6.77**	**95**	**127**	**90-110**	**28**	**7.9**	**204**

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Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T015969
QC Batch Method: SM 2540 C-97
Analysis Description: Total Dissolved Solids
Analysis Method: SM 2540 C-97

METHOD BLANK: T015969-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Dissolved Solids	mg/L	<20	20	

SAMPLE DUPLICATE: T015969-DUP1 Original: **T10D229-21**

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Dissolved Solids	mg/L	110	110	0	20	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T016020
QC Batch Method: SM 2540 C-97
Analysis Description: Total Dissolved Solids
Analysis Method: SM 2540 C-97

METHOD BLANK: T016020-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Dissolved Solids	mg/L	<10	10	

SAMPLE DUPLICATE: T016020-DUP1 Original: **T10D229-29**

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Dissolved Solids	mg/L	520	520	0	20	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T015941
QC Batch Method: SM 2540 D-97
Analysis Description: Total Suspended Solids
Analysis Method: SM 2540 D-97

METHOD BLANK: T015941-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Suspended Solids	mg/L	<10	10	

LABORATORY CONTROL SAMPLE: T015941-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	52.0	104	85-115	

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2241 Black Creek Road
Muskegon, MI 49444-2673
info@trace-labs.com
www.trace-labs.com

SAMPLE DUPLICATE: T015941-DUP1 Original: **T10D229-15**

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Suspended Solids	mg/L	46.0	44.0	4	20	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T015966
QC Batch Method: SM 2540 D-97
Analysis Description: Total Suspended Solids
Analysis Method: SM 2540 D-97

METHOD BLANK: T015966-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Suspended Solids	mg/L	<10	10	

LABORATORY CONTROL SAMPLE: T015966-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	51.0	102	85-115	

SAMPLE DUPLICATE: T015966-DUP1 Original: **T10D229-21**

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Suspended Solids	mg/L	6.00	5.00	18	20	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T015990
QC Batch Method: SM 2540 D-97
Analysis Description: Total Suspended Solids
Analysis Method: SM 2540 D-97

METHOD BLANK: T015990-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Suspended Solids	mg/L	<10	10	

LABORATORY CONTROL SAMPLE: T015990-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	49.0	98	85-115	

SAMPLE DUPLICATE: T015990-DUP1 Original: **T10D229-29**

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Suspended Solids	mg/L	52.0	54.0	4	20	

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Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T015936
QC Batch Method: SM9215B
Analysis Description: Heterotrophic Plate Count
Analysis Method: SM9215B

METHOD BLANK: T015936-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Heterotrophic Plate Count	CFU/ml	<1.0	1.0	

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T015963
QC Batch Method: SM9215B
Analysis Description: Heterotrophic Plate Count
Analysis Method: SM9215B

METHOD BLANK: T015963-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Heterotrophic Plate Count	**CFU/ml**	**7.00**	**1.0**	**B**

Trace Project ID: T10D229
Client Project ID: LEC Monitoring 01545.41.001

QC Batch: T015993
QC Batch Method: SM9215B
Analysis Description: Heterotrophic Plate Count
Analysis Method: SM9215B

METHOD BLANK: T015993-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Heterotrophic Plate Count	CFU/ml	<1.0	1.0	

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Page 1 of 2

TRACE ID NO. T10D229

TRACE USE ONLY

Logged By: [illegible] Checked By: [illegible]

Received on ice: (Yes) No Preservative Checked: (Yes) No N/A

Soil Volatiles Preserved: MeOH En Core Low Level Lab

Report Results To:

Client Name: RMT INC

Contact Person: JENNIFER OVERWOORDE

Mailing Address: 2025 E. BELTLINE AVE SE SUITE 402

City, State, Zip Code: GRAND RAPIDS MI 49546

Phone: 616 975 5415 Fax: 616 975 1098

Email Address: JENNIFER.OVERWOORDE@RMTINC.COM

Project #: 01545.41.001 PO #: Trace Quote #:

Project Name: LEC MONITORING Sampled by: SP

Bill To:

Billing Address (if different)

City, State, Zip Code MADISON WI

Attn: Phone: Fax:

Regulatory Requirements		Turnaround Requirements		Matrix Key	
MERA TMDL's	☐	Standard (2 wk)	☑	S = Soil	WI = Wipes
Drinking Water	☐	* 5 Day	☐	W = Water	LW = Liquid Waste
NPDES	☐	* 2-4 Day (RUSH)	☐	SE = Sediment	A = Air
USACE	☐	* 24 Hour (RUSH)	☐	OI = Oil	D = Drinking Water
Special	☐	* Requires prior approval		SO = Solid Waste	SL = Sludge

Request for Analytical Services — ANALYSIS REQUESTED

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	BTEX	DEHP	CHLY	HPC	NO3/SO4/TSS/TDS	NH3/P	DISS. Pb.					REMARKS	Possible Health Hazard
01	4/19/10	1045		DRC-02	W	4	2	2											
02	4/19/10	1055		SW-D-5	W	4	2	2											
03	4/19/10	1115		SW-R-1	W	4	2	2											
04	4/19/10	1125		SW-R-2	W	4	2	2											
05	4/19/10	1132		SW-R-3	W	4	2	2											
06	4/19/10	1140		SW-R-4	W	4	2	2											
07	4/19/10	1200		SW-D-4	W	8	4	4											
08	4/19/10	1220		SW-R-6	W	4	2	2											
09	4/19/10	1250		SW-D-3	W	4	2	2											
10	4/19/10	1300		SW-D-2	W	4	2	2											

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
	1) [illegible]	FEDEX	4/20/10	1815		3)			
	2) FED-EX	[illegible]	4/21/10	11:09		4)			

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Page 2 of 2

TRACE ID NO. T10D229

TRACE USE ONLY

Logged By: [illegible] Checked By: [illegible]

Received on ice: (Yes) No Preservative Checked: (Yes) No N/A

Soil Volatiles Preserved: MeOH En Core Low Level Lab

Report Results To:

Client Name: RMT Inc

Contact Person: Jennifer Overwoorde

Mailing Address: 2025 E. Beltline Ave SE Suite 405

City, State, Zip Code: Grand Rapids MI 49546

Phone: 616 975 5415 Fax: 616 975 1098

Email Address: Jennifer.Overwoorde@rmtinc.com

Project #: 01545.41.001 PO #: Trace Quote #:

Project Name: LEC Monitoring Sampled by: SP

Bill To:

Billing Address (if different)

City, State, Zip Code Madison WI

Attn: Phone: Fax:

Regulatory Requirements		Turnaround Requirements		Matrix Key	
MERA TMDL's	☐	Standard (2 wk)	☑	S = Soil	WI = Wipes
Drinking Water	☐	* 5 Day	☐	W = Water	LW = Liquid Waste
NPDES	☐	* 2-4 Day (RUSH)	☐	SE = Sediment	A = Air
USACE	☐	* 24 Hour (RUSH)	☐	OI = Oil	D = Drinking Water
Special	☐	* Requires prior approval		SO = Solid Waste	SL = Sludge

ANALYSIS REQUESTED

Request for Analytical Services

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	BTEX	DEHP	CHL	HPC	NO3/SO4/155/1005	NH3/P	Diss. Pb				REMARKS	Possible Health Hazard
11	4/19/10	1310		SW-D-1	W	4	2	2										
12	4/19/10	1325		RB-01	W	4	2	2										
13	4/19/10	—		Dup-01	W	4	2	2										
14	4/20/10	0855		MW-19-12	W	10	2	2	2	1	1	1	1				only BTEX DHEP, Diss Pb SP 4/22	
15	4/20/10	1007		MW-29s	W	10	2	2	2	1	1	1	1					
16	4/20/10	1338		MW-25(R)	W	10	2	2	2	1	1	1	1					
17	4/20/10	1509		MW-8	W	10	2	2	2	1	1	1	1					
18	4/20/10	1535		ATM-01	W	10	2	2	2	1	1	1	1				TOTAL Pb	
19	4/20/10	1600		MW-27s	W	10	2	2	2	1	1	1	1					
20	4/14/10	—		TB-01	W	1	1											

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
	1) Scott Pawlikowski	FEDEX	4/20/10	1815		3)			
	2) Fed-Ex	[illegible]	4/21/10	11:09		4)			

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Page 1 of 1

TRACE ID NO. T10D229

TRACE USE ONLY
Logged By: [signature] Checked By: [signature]
Received on ice: (Yes) No Preservative Checked: (Yes) No N/A
Soil Volatiles Preserved: MeOH En Core Low Level Lab

Report Results To:
Client Name: RMT Inc
Contact Person: Jennifer Overvoorde
Mailing Address: 2025 E. Beltline Ave SE Suite 400
City, State, Zip Code: Grand Rapids MI 49546
Phone: 616 975 5415 Fax: 616 975 1098
Email Address: Jennifer.Overvoorde@rmtinc.com
Project #: 01545.41.001 PO #: Trace Quote #:
Project Name: LEC Monitoring Sampled by: SP

Bill To:
Billing Address (if different)
City, State, Zip Code: Madison WI
Attn: Phone: Fax:

Regulatory Requirements		Turnaround Requirements		Matrix Key	
MERA TMDL's	☐	Standard (2 wk)	☑	S = Soil	WI = Wipes
Drinking Water	☐	* 5 Day	☐	W = Water	LW = Liquid Waste
NPDES	☐	* 2-4 Day (RUSH)	☐	SE = Sediment	A = Air
USACE	☐	* 24 Hour (RUSH)	☐	Oil = Oil	D = Drinking Water
Special	☐	* Requires prior approval		SO = Solid Waste	SL = Sludge

Request for Analytical Services — ANALYSIS REQUESTED

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	BTEX	DEHP	CHM	HRC	NO3	SO4	CL	NH3	D.S. Pb.			REMARKS	Possible Health Hazard
21	4/21/10	0832	y	MW-30D	w	20	4	4	4	2	2	2	2					MS/MSD	
22	4/21/10	0927	y	MW-30i	w	10	2	2	2	1	1	1	1						
23	4/21/10	1048	y	MW-30S	w	10	2	2	2	1	1	1	1						
24	4/21/10	1258	y	MW-28i	w	10	2	2	2	1	1	1	1						
25	4/21/10	1355	y	MW-28S	w	10	2	2	2	1	1	1	1						
26	4/21/10	1620	N	RB-02	w	10	2	2	2	1	1	1	1					Total Pb.	
27	4/21/10	—	y	DUP-02	w	10	2	2	2	1	1	1	1						
28	4/14/10	—	-	TB-02	w	1	1												

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	Scott Conkling	FedEx	4/21/10	1745		3)			
2)	Fed-Ex [signature]	[signature]	4/22/10	10:21		4)			

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TRACE ID NO. T10D229

Page 1 of 1

5/3/10

TRACE USE ONLY
Logged By: [signature] Checked By: DMC
Received on ice: (Yes) No Preservative Checked: (Yes) No N/A
Soil Volatiles Preserved: MeOH En Core Low Level Lab

Report Results To:
Client Name: RMT Inc
Contact Person: JENNIFER OVERWOORDE
Mailing Address: 2025 E. BELTLINE AVE SE SUITE 402
City, State, Zip Code: GRAND RAPIDS MI 49546
Phone: 616 975 5415 Fax: 616 975 1098
Email Address: JENNIFER.OVERWOORDE@rmtinc.com
Project #: 01545.41.001 PO #: Trace Quote #:
Project Name: LEC MONITORING Sampled by: SP

Bill To:
Billing Address (if different)
City, State, Zip Code MADISON, WI
Attn: Phone: Fax:

Regulatory Requirements		Turnaround Requirements		Matrix Key	
MERA TMDL's	☐	Standard (2 wk)	☑	S = Soil	WI = Wipes
Drinking Water	☐	* 5 Day	☐	W = Water	LW = Liquid Waste
NPDES	☐	* 2-4 Day (RUSH)	☐	SE = Sediment	A = Air
USACE	☐	* 24 Hour (RUSH)	☐	OI = Oil	D = Drinking Water
Special	☐	* Requires prior approval		SO = Solid Waste	SL = Sludge

Request for Analytical Services — ANALYSIS REQUESTED

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	BTEX	DEHP	CN4	HPC	NO3/SO4/TSS/TDS	NH3/TP	D.SS. Pb				REMARKS	Possible Health Hazard
29	4/22/10	0815	y	MW-32s	W	10	2	2	2	1	1	1	1					
30	4/22/10	0855	y	MW-33s	W	10	2	2	2	1	1	1	1					
31	4/22/10	0925	y	MW-31s	W	10	2	2	2	1	1	1	1					
32	4/22/10	0955	y	MW-34s	W	10	2	2	2	1	1	1	1					
33	4/22/10	1035	y	MW-35s	W	10	2	2	2	1	1	1	1					
34	4/14/10	—	-	TB-03	W	1	1											

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
	1) Scott Lawhekin	FedEx	4/22/10	1700		3)			
	2) FED-EX	[signature]	4/23/10	10:03		4)			

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SAMPLE LOG IN CHECKLIST

Date: 4-21-10 Client Name: RMT # of Coolers: 4
Trace ID #: T10D 229 Project Name: Cooler #s:
Logged in by: Cooler #s:

Cooler Receipt

Cooler/samples delivered by: Trace courier [ ] Hand delivered [ ] Commercial courier [X]
Name of delivery person:
UPS [ ] DHL [ ] FED EX [X] US Mail [ ]

Did cooler come with a bill of lading? No [X] Yes [ ] [ ] Not Applicable
Way Bill or Tracking #:

COC Seals present and intact on cooler? No [Y] Yes [ ] [ ] Not Applicable

Custody seals signed by Client? No [Y] Yes [ ]
Client custody seal # (if applicable):

Coolant and Temperature

Type of Coolant Used

	Yes	No
Slurry w/ crushed, cubed, or chip ice?	[ ]	[ ]
Multiple bags of ice around samples?	[Y]	[ ]
Ice Packs/ Blue Ice :	[ ]	[ ]
No Coolant Present:	[ ]	

Cooler Temperature

Correction Factor: 0.2 °C
Date: 4-21-10 Time: 11:09
Temperature Blank: °C
Range of 3 samples: 2 - 3 °C
Melt Water: °C
Ice still present upon receipt: [X] Yes [ ] No

General

	Yes	No	NA
COC taped to inside of cooler lid?	[ ]	[Y]	[ ]
All bottles arrived unbroken with labels in good condition?	[Y]	[ ]	[ ]
Each sample point is in a sealed plastic bag?	[Y]	[ ]	[ ]
Labels filled out completely?	[Y]	[ ]	[ ]
All bottle labels agree with Chain of Custody (COC)?	[Y]	[ ]	[ ]
Sufficient sample to run tests requested?	[Y]	[ ]	[ ]
pH checked and samples at correct pH?	[Y]	[ ]	[ ]
Correct preservative added to samples?	[Y]	[ ]	[ ]
DRO/GRO samples received and appropriate check in form completed?	[ ]	[ ]	[Y]
Air bubbles absent from VOAs?	[Y]	[ ]	[ ]
COC filled out properly and signed by client?	[Y]	[ ]	[ ]
COC signed in by TRACE sample custodian?	[Y]	[ ]	[ ]
Was project manager called and samples discussed?	[Y]	[ ]	[ ]

Contact: Date:

Notes:

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Muskegon, MI 49444-2673
info@trace-labs.com
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Date: 4-22-10 Client Name: RMT # of Coolers: 2

Trace ID #: T10D229 Project Name: Cooler #s:

Logged in by: Cooler #s:

Cooler Receipt

Cooler/samples delivered by: Trace courier [ ] Hand delivered [ ] Commercial courier [X] Name of delivery person: UPS [ ] DHL [ ] FED EX [X] US Mail [ ]

Did cooler come with a bill of lading? No [X] Yes [ ] [ ] Not Applicable Way Bill or Tracking #:

COC Seals present and intact on cooler? No [X] Yes [ ] [ ] Not Applicable

Custody seals signed by Client? No [X] Yes [ ] Client custody seal # (if applicable):

Coolant and Temperature

Type of Coolant Used

	Yes	No
Slurry w/ crushed, cubed, or chip ice?	[ ]	[ ]
Multiple bags of ice around samples?	[X]	[ ]
Ice Packs/ Blue Ice :	[ ]	[ ]
No Coolant Present:	[ ]	

Cooler Temperature

Correction Factor: +0.3 °C

Date: 4-22-10 Time: 10:21

Temperature Blank: °C

Range of 3 samples: 4 °C

Melt Water: °C

Ice still present upon receipt: [X] Yes [ ] No

General

	Yes	No	NA
COC taped to inside of cooler lid?	[ ]	[X]	[ ]
All bottles arrived unbroken with labels in good condition?	[X]	[ ]	[ ]
Each sample point is in a sealed plastic bag?	[X]	[ ]	[ ]
Labels filled out completely?	[X]	[ ]	[ ]
All bottle labels agree with Chain of Custody (COC)?	[X]	[ ]	[ ]
Sufficient sample to run tests requested?	[X]	[ ]	[ ]
pH checked and samples at correct pH?	[X]	[ ]	[ ]
Correct preservative added to samples?	[X]	[ ]	[ ]
DRO/GRO samples received and appropriate check in form completed?	[ ]	[ ]	[X]
Air bubbles absent from VOAs?	[ ]	[ ]	[X]
COC filled out properly and signed by client?	[X]	[ ]	[ ]
COC signed in by TRACE sample custodian?	[X]	[ ]	[ ]
Was project manager called and samples discussed?	[ ]	[ ]	[ ]

Contact: Date:

Notes:

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www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Date: 4-23-10 Client Name: RMT # of Coolers: 1

Trace ID #: T10D229 Project Name: Cooler #s:

Logged in by: Cooler #s:

Cooler Receipt

Cooler/samples delivered by: Trace courier [ ] Hand delivered [ ] Commercial courier [X] Name of delivery person: UPS [X] DHL [ ] FED EX [ ] US Mail [ ]

Did cooler come with a bill of lading? No [X] Yes [ ] [ ] Not Applicable Way Bill or Tracking #:

COC Seals present and intact on cooler? No [X] Yes [ ] [ ] Not Applicable

Custody seals signed by Client? No [X] Yes [ ] Client custody seal # (if applicable):

Coolant and Temperature

Type of Coolant Used

	Yes	No
Slurry w/ crushed, cubed, or chip ice?	[ ]	[ ]
Multiple bags of ice around samples?	[X]	[ ]
Ice Packs/ Blue Ice :	[ ]	[ ]
No Coolant Present:	[ ]	

Cooler Temperature

Correction Factor: 0.1 °C

Date: 4-23-10 Time: 10:03

Temperature Blank: °C

Range of 3 samples: 0 1 °C

Melt Water: °C

Ice still present upon receipt: [X] Yes [ ] No

General

	Yes	No	NA
COC taped to inside of cooler lid?	[ ]	[X]	[ ]
All bottles arrived unbroken with labels in good condition?	[X]	[ ]	[ ]
Each sample point is in a sealed plastic bag?	[ ]	[X]	[ ]
Labels filled out completely?	[X]	[ ]	[ ]
All bottle labels agree with Chain of Custody (COC)?	[X]	[ ]	[ ]
Sufficient sample to run tests requested?	[X]	[ ]	[ ]
pH checked and samples at correct pH?	[X]	[ ]	[ ]
Correct preservative added to samples?	[X]	[ ]	[ ]
DRO/GRO samples received and appropriate check in form completed?	[ ]	[ ]	[X]
Air bubbles absent from VOAs?	[X]	[ ]	[ ]
COC filled out properly and signed by client?	[X]	[ ]	[ ]
COC signed in by TRACE sample custodian?	[X]	[ ]	[ ]
Was project manager called and samples discussed?	[ ]	[ ]	[ ]

Contact: Date:

Notes:

Rev 8 11/21/06

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Appendix C
Photographic Summary

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Dayco Corporation/L.E. Carpenter & Company Superfund Site	Wharton, NJ	01545.41.001

Photo No.	Date
1	4/22/10

Description
Standing South of MW-29s looking Southeast toward MW-30d, MW-30i, & MW-30s and the wetland area.

Photo No.	Date
2	4/22/10

Description
Standing at MW-30d, MW-30i, & MW-30s (shown in foreground) looking West across the site.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Dayco Corporation/L.E. Carpenter & Company Superfund Site	Wharton, NJ	01545.41.001

Photo No.	Date
3	4/22/10

Description
Standing South of SW-D-4 looking North (upstream) in the drainage ditch.

Photo No.	Date
4	4/22/10

Description
Standing South of SW-D-4 looking east down the drainage ditch.

RMT

Photographic Log

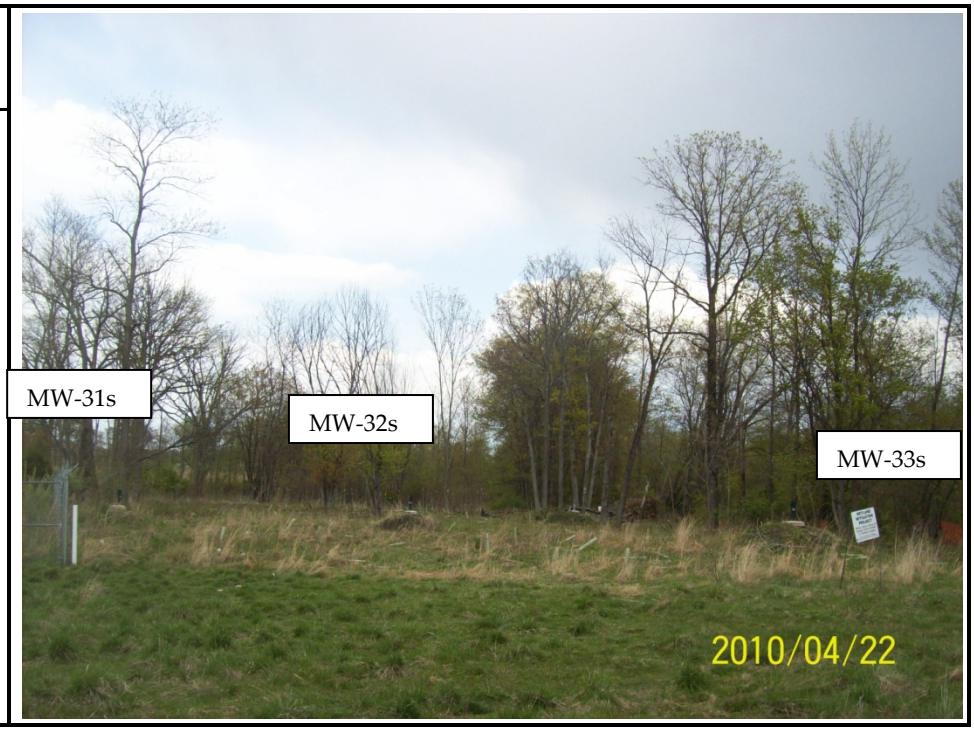
Client Name:	Site Location:	Project No.:
Dayco Corporation/L.E. Carpenter & Company Superfund Site	Wharton, NJ	01545.41.001

Photo No.	Date
5	4/22/10

Description
Standing just outside of wetland area looking NE into wetland area. Monitoring wells MW-31s and MW-32s are shown in the picture.

Photo No.	Date
6	4/22/10

Description
Standing just outside of wetland area looking East into wetland area. Monitoring wells MW-31s, MW-32s, MW-33s are shown in the picture.



RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Dayco Corporation/L.E. Carpenter & Company Superfund Site	Wharton, NJ	01545.41.001

Photo No.	Date
7	4/22/10

Description
Standing in the wetland area near MW-35s looking West towards the site. MW-34s ,MW-33s, MW-32s, and MW-31s are visible in the picture.

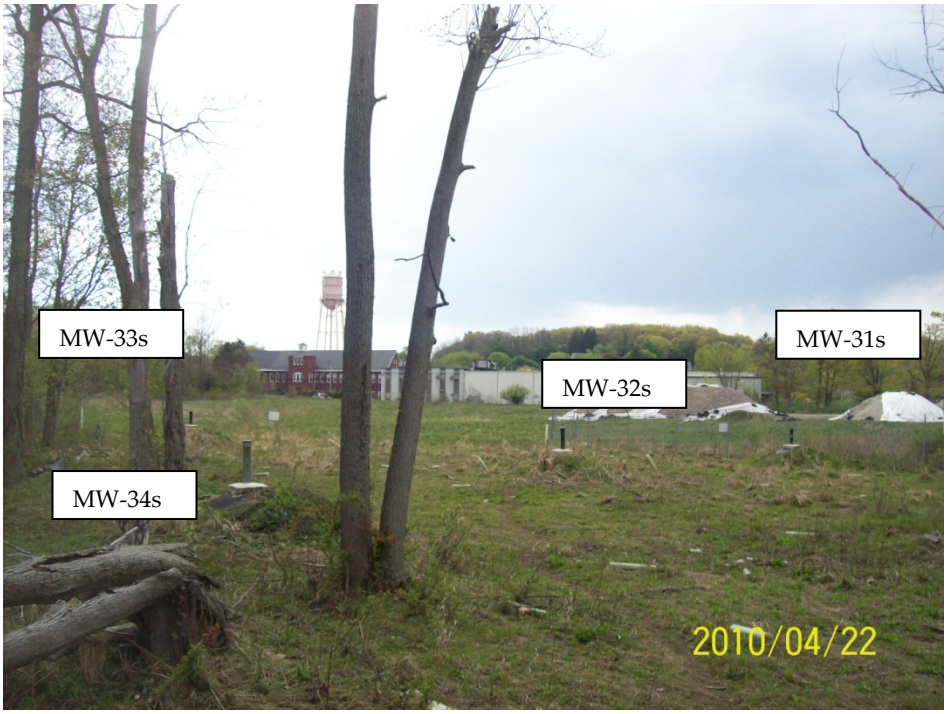


Photo No.	Date
8	4/22/10

Description
Standing at SW-R-1 looking Northwest toward the wetland area. A replacement absorbent boom is shown in the photograph.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Dayco Corporation/L.E. Carpenter & Company Superfund Site	Wharton, NJ	01545.41.001

Photo No.	Date
9	4/22/10

Description
Ditch River Confluence (DRC-2). Looking south (downstream) in the ditch toward the Rockaway River.

Photo No.	Date
10	4/22/10

Description
Standing South of SW-D-5, looking North towards the beaver dam and SW-D-5. Note that a breach in the beaver dam was observed during the 2Q10 sampling event resulting in a lower water elevation upstream of the SW-D-5.

RMT

Photographic Log

Client Name:	Site Location:	Project No.:
Dayco Corporation/L.E. Carpenter & Company Superfund Site	Wharton, NJ	01545.41.001

Photo No.	Date
11	4/22/10

Description
Standing at SW-D-5 looking South (downstream) in the ditch toward DRC-02 and the Rockaway River.

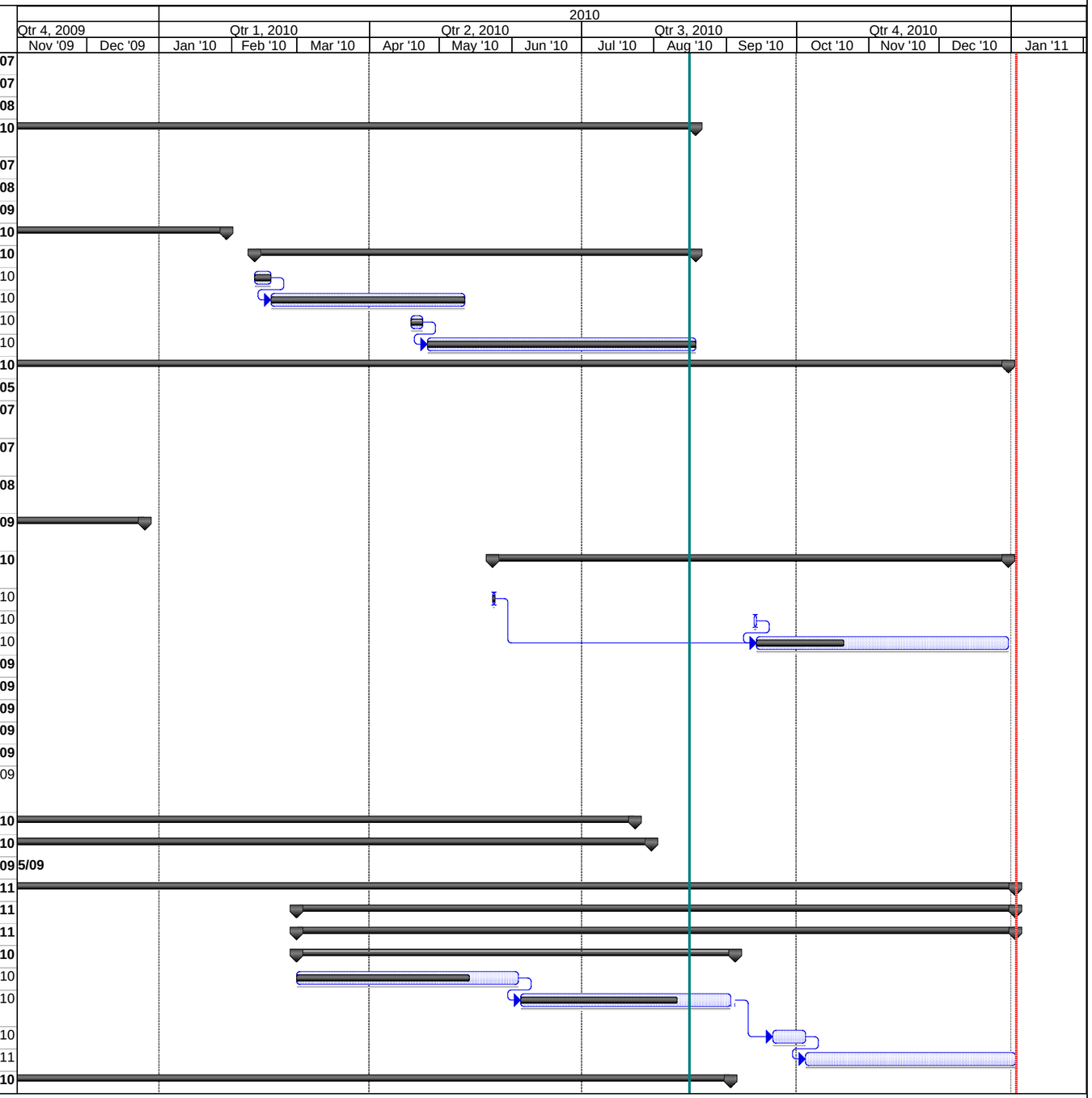
Photo No.	Date
12	4/22/10

Description
Standing at SW-D-5 looking Northwest (upstream) in the ditch. Note the lowered water elevation in the ditch due to the observed breach in the beaver dam.

Appendix D
Project Schedule

Dayco Corporation/L. E. Carpenter Superfund Site ~ Borough of Wharton, Morris County, NJ
Master Project Schedule

ID		Task Name	Duration	Start	Finish
1	✓	**SOURCE REDUCTION (Site Soils)**	**890 days**	**Fri 4/16/04**	**Fri 9/14/07**
12	✓	**USEPA ESD (Site Soils)**	**76 days**	**Tue 7/10/07**	**Wed 10/24/07**
15	✓	**POST REMEDIAL MONITORING PLAN [PRMP] IMPLEMENTATION**	**726 days**	**Fri 7/1/05**	**Sat 4/12/08**
111		**QUARTERLY MONITORING AND REPORTING (Groundwater & Surface Water)**	**1169 days**	**Mon 2/27/06**	**Wed 8/18/10**
112	✓	**2006 Monitoring and Reporting**	**242 days**	**Mon 2/27/06**	**Tue 1/30/07**
121	✓	**2007 Monitoring and Reporting**	**267 days**	**Tue 1/23/07**	**Wed 1/30/08**
131	✓	**2008 Monitoring and Reporting**	**250 days**	**Mon 2/18/08**	**Fri 1/30/09**
140		**2009 Monitoring and Reporting**	**276 days**	**Mon 1/12/09**	**Fri 1/29/10**
149	✓	**2010 Monitoring and Reporting**	**135 days**	**Thu 2/11/10**	**Wed 8/18/10**
150	✓	Conduct 1Q10 Monitoring Event	5 days	Thu 2/11/10	Wed 2/17/10
151	✓	Prepare and Submit 1Q10 Remedial Action Progress Report	59 days	Thu 2/18/10	Tue 5/11/10
152	✓	Conduct 2Q10 Monitoring Event	5 days	Mon 4/19/10	Fri 4/23/10
153	✓	Prepare and Submit 2Q10 Remedial Action Progress Report	83 days	Mon 4/26/10	Wed 8/18/10
154		**WETLAND AREA [WHARTON ENTERPRISES] MONITORING AND REPORTING**	**1441 days**	**Fri 6/24/05**	**Thu 12/30/10**
155	✓	**2005 Wetland Area Post Source Reduction Mitigation & Reporting**	**128 days**	**Fri 6/24/05**	**Tue 12/20/05**
159	✓	**2006 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**225 days**	**Tue 5/30/06**	**Mon 4/9/07**
165	✓	**2007 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**158 days**	**Tue 5/15/07**	**Thu 12/20/07**
170	✓	**2008 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**167 days**	**Mon 5/12/08**	**Tue 12/30/08**
174		**2009 Wetland Monitoring, Invasive Species Control, Restoration & Reporting**	**153 days**	**Thu 5/28/09**	**Fri 12/25/09**
178		**2010 Wetland Monitoring, Invasive Species Control, Restoration& Reporting**	**159 days**	**Mon 5/24/10**	**Thu 12/30/10**
179	✓	Spring 2010 Monitoring & Invasive Species Control Event	1 day	Mon 5/24/10	Mon 5/24/10
180		Fall 2010 Monitoring and Invasive Species Control Event	1 day	Mon 9/13/10	Mon 9/13/10
181		2010 Annual Wetland Monitoring Report Preparation and Submittal	78 days	Tue 9/14/10	Thu 12/30/10
182		**REMEDIAL INVESTIGATIONS (RI)**	**899 days**	**Mon 2/27/06**	**Thu 8/6/09**
183	✓	**MW19/HOT SPOT 1 AREA**	**899 days**	**Mon 2/27/06**	**Thu 8/6/09**
193		**MW-30 AREA**	**328 days**	**Fri 5/2/08**	**Thu 8/6/09**
198		**USEPA UAO & SOW**	**339 days**	**Fri 4/18/08**	**Thu 8/6/09**
199		**Active Discussion and Negotiation**	**337 days**	**Fri 4/18/08**	**Mon 8/3/09**
208	✓	**USEPA ASSUMES LEAD AGENCY ROLE [UAO/SOW EFFECTIVE DATE]**	0 days	Thu 8/6/09	Thu 8/6/09
209		**RA WORK PLAN ADDENDUM**	**253 days**	**Thu 8/6/09**	**Fri 7/23/10**
217		**COMMUNITY INVOLVEMENT PLAN (CIP)**	**244 days**	**Wed 8/26/09**	**Fri 7/30/10**
222		**USEPA 5-YEAR REVIEWS**	**0 days**	**Thu 10/15/09**	**Thu 10/15/09**
224		**RA WORK PLAN ADDENDUM IMPLEMENTATION - SOIL REMEDIATION**	**556 days**	**Mon 11/17/08**	**Sun 1/2/11**
225		**MW-30 AOC**	**220 days**	**Mon 3/1/10**	**Sun 1/2/11**
226		**Remedial Investigation (RI) & Pilot Test**	**220 days**	**Mon 3/1/10**	**Sun 1/2/11**
227		**Preconstruction Permitting**	**135 days**	**Mon 3/1/10**	**Sat 9/4/10**
228		Prepare and submit NJDEP DLUR FHA Permit Application	69 days	Mon 3/1/10	Thu 6/3/10
229		NJDEP DLUR FHA Permit Review & Approval (20 day completeness review & 90 day technical review)	92 edays	Fri 6/4/10	Sat 9/4/10
230		RI (Soil, Groundwater & Sediment Investigation)	14 edays	Mon 9/20/10	Mon 10/4/10
231		Bioremediation Pilot Study	90 edays	Mon 10/4/10	Sun 1/2/11
232		**MW19HS1 AOC**	**470 days**	**Mon 11/17/08**	**Fri 9/3/10**



Mon 8/16/10

Task		Milestone		Rolled Up Split		External Tasks		Deadline	
Split		Summary		Rolled Up Milestone		Project Summary			
Progress		Rolled Up Task		Rolled Up Progress		External Milestone			

edays: elapsed days or calendar days