Quarterly Monitoring Report
2nd Quarter 2006

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

USEPA ID No. NJD002168 748

August 2006

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Section 1
Introduction

RMT, Inc. (RMT), on behalf of our client, has prepared this Quarterly Monitoring Report for the L.E. Carpenter and Company (LEC) ("site") located at 170 North Main Street, Borough of Wharton, Morris County, New Jersey (Figure 1). Quarterly monitoring events are performed at the site to comply with paragraph 35 of the 1986 Administrative Consent Order (ACO) issued to LEC by the New Jersey Department of Environmental Protection (NJDEP). We provide a summary of activities completed during the second quarter of 2006 (2Q06), including but not limited to, the continued quarterly Monitored Natural Attenuation (MNA) groundwater monitoring in the MW19/Hot Spot 1 Area located at the northwest corner of the site, and response to the June 14, 2006 NJDEP and United States Environmental Protection Agency (USEPA) comments regarding the *Post Remedial Monitoring Plan* (RMT, Oct 2005)[PRMP] required for development and submittal as a condition of *Remedial Action Work Plan (RAWP) for Source Reduction* (RMT, April 2004) approval.

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

RMT conducted the following tasks during the 2Q06:

- Quarterly monitoring of both the MW19/Hot Spot 1 area and adjacent surface water bodies (*i.e.*, Rockaway River and drainage channel) as required under the 1986 ACO, and as proposed in the PRMP and various regulatory correspondence (Reference Sections 2 and 3, and Figures 3 and 4).
- Completion of the soil vapor intrusion evaluation in the MW19/Hot Spot 1 Area (Reference Section 4).

Discussion of these activities is provided in the referenced sections.

Section 2
MW19/Hot Spot 1 Groundwater Monitoring

2.1 Implementation of the Revised Monitored Natural Attenuation Protocol

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

2.2 Sampling Methodology

RMT conducted the 2Q06 groundwater monitoring activities June 19 through June 23, 2006. Historically, we performed groundwater monitoring in accordance with the procedures contained in the NJDEP's *Field Sampling Procedures Manual* dated May 1992 (Revised August 2005). However, in second quarter of 2002 (2Q02) we initiated groundwater monitoring using the low-flow methodology outlined in our May 2001 MNA work plan. The MNA work plan was approved by NJDEP on January 24, 2002. Although the sampling was performed using low-flow methods (*i.e.*, QED bladder pump system with disposable Teflon bladders as described in the approved MNA work plan Quality Assurance Project Plan (QAPP)), the remaining parts of the MNA work plan (*e.g.*, full analysis of each sample for MNA specific parameters) had not yet been initiated. As outlined in the comments received from USEPA on January 15, 2004, following their review of the third quarter of 2003 (3Q03) monitoring report, LEC began implementing the additional portions of the MNA work plan during the 2Q04 sampling event. In 1Q05, RMT implemented the revised MNA monitoring protocol, and

performed the event in accordance with the approved MNA work plan. Locations of the monitoring wells remaining at LEC following the abandonment activities completed in fourth quarter of 2004 (4Q04) to facilitate the source reduction remedial action, along with the monitoring wells utilized in the quarterly MNA monitoring of the MW19/Hot Spot 1 Area are shown on Figure 2.

Two sample duplicates, trip blanks, a field (atmosphere) blank, a matrix spike/matrix spike duplicate (MS/MSD), and two rinsate blanks were collected to satisfy Quality Assurance/Quality Control (QA/QC) requirements outlined in the QAPP. The trip blanks were prepared by the laboratory and remained with the sample containers until the samples were returned to the laboratory where they were analyzed for BTEX. The duplicates were collected from SW-D-2 (duplicate sample No. Dup-01) and monitoring well MW-19-6 (duplicate sample No. Dup-02), and were analyzed for BTEX and di(2-ethylhexyl)phthalate (DEHP). Dup-02 was also analyzed for MNA parameters. The first rinsate blank (RB-01) was collected by circulating distilled water through the clean stainless steel scoop cup that was used to collect the surface water samples. The second rinsate blank (RB-02) was collected by circulating triple distilled water through the cleaned bladder pump assembly to verify the 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 de-ionized water provided by the laboratory, leaving the bottle open during the sampling of one well, and pouring that water directly into clean sample bottles with added preservative also provided by the laboratory. RMT submitted all samples to Lancaster Laboratories, Inc. (Lancaster), located in Lancaster, Pennsylvania for BTEX, DEHP, and MNA parameter analysis per the current MNA groundwater monitoring protocol (State of New Jersey Lab Certification No. PA011).

2.3 Groundwater Elevations and Flow Direction

On June 19, 2006, RMT measured static groundwater levels from the 33 different locations as shown on Table 1. Surface water elevation measurements were also collected from the new professionally surveyed six surface water monitoring points SW-R1, SW-R2, SW-R3, SW-R4, SW-R5, and SW-R6, and from the resurveyed drainage ditch staff gauge locations SW-D-1, SW-D-2, SW-D-3 (Table 1). Existing location SG-R1 has been replaced by SW-R5. Surface water elevation data from existing location Rockaway River staff gauge SG-R2 was also measured. All this data was used to calculate groundwater elevations and evaluate the groundwater flow pattern in the shallow aquifer system. A preliminary site-wide contour map has been prepared and is discussed further in Section 4.3 of this report.

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

Although at the time of installation, existing data showed that the location for MW-19-11 was downgradient from the leading edge of groundwater contamination, groundwater elevation data collected after MW-19-11 was installed showed subtle changes in flow direction, and the MW-19-11 location actually turned out to be not directly downgradient from the leading edge of groundwater contamination (see detailed discussion of groundwater elevation and flow data, in addition to a summary figure of groundwater elevation contours from 2001 to 2005 that was presented in Section 2.3 and on Figure 6 of the 4Q05 Monitoring Report). For this reason, RMT recently installed MW-19-12, which is located between MW-19-8 and MW-19-11. Groundwater elevation data obtained for the MW-19 area wells, including the newly installed well, show that MW-19-12 is indeed directly downgradient from the leading edge of residual groundwater contamination (Figures 3 and 4). The 2Q06 groundwater sample laboratory test results for MW-19-12 show no detectable constituents of concern. These data confirm that the lateral extent of residual groundwater contamination is predominantly limited to the LEC site property, and extends only slightly into the Ross Street right-of-way (see Section 2.4 below and Figure 4).

2.4 Delineation of Groundwater Contamination

2.4.1 Contaminants of Concern (COC)

Table 2 summarizes concentrations of BTEX and DEHP for all of the MW-19/Hot Spot 1 area MNA groundwater monitoring wells. The lateral distribution of total BTEX concentrations in the MW-19/Hot Spot 1 Area is shown on Figure 4. RMT sampled groundwater from these wells on June 20-21, 2006. Corresponding field sampling data and analytical laboratory reports are presented in Appendix C and Appendix D, respectively.

The New Jersey Groundwater Quality Standard (NJGWQS) for DEHP, 30 µg/L, is not exceeded in any of the sampled monitoring wells during the 2Q06 monitoring event. Toluene, and total xylenes exceed the NJGWQS of 1000 µg/L and 40 µg/L, respectively, in groundwater collected from MW-19 and MW-19-5. Groundwater sampled from MW-19-7 also exceeded the NJGWQS for total xylenes as well as for benzene . Furthermore, monitoring well MW-19 exceeded the NJGWQS for ethylbenzene.

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

No BTEX or DEHP has ever been detected in MW-19-11. However, as described above, for the sixth time since MW-19-11 was installed, data show northeasterly groundwater flows slightly more to the north between MW-19-7 and MW-19-11. During 2Q06 MW-19-12 was installed between MW-19-7 and MW-19-11 in order to determine if dissolved BTEX constituents existed further northeast towards the residences on Ross Street. As discussed above, data show that MW-19-12 is indeed downgradient of MW-19-7 and no BTEX or DEHP was detected in MW-19-12 As shown on Figure 4, this indicates that existing residual groundwater contamination in the MW-19 area is limited in extent.

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

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

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

2.4.2 MNA Parameters and Data Analysis

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

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

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

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

Intrinsic Bioremediation

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

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

Numerous researchers have shown that BTEX biodegrades via aerobic respiration, denitrification, manganese reduction, iron (III) reduction, sulfate reduction, and methanogenesis. Therefore, indicator parameters (Tables 3 and 4), such as iron, dissolved oxygen, sulfate, methane, and nitrate, that the microorganisms need and use to biodegrade petroleum hydrocarbons can be monitored and evaluated between monitoring wells that are upgradient, downgradient, or within the plume area itself. The low concentrations of

sulfate and nitrate observed within the plume (*e.g.*, MW-19-5), as compared to upgradient concentrations (*e.g.*, MW-19-4), are positive evidence biodegradation is taking place in the MW-19/Hot Spot 1 Area. In addition, several other parameters, such as carbon dioxide (CO_2), alkalinity, methane, and ferrous iron, are produced by the same microorganisms during contaminant degradation and are also being monitored and tracked across the site. Within the MW-19/Hot Spot 1 plume area, the concentrations of all four previously mentioned parameters are significantly higher than compared to background concentrations.

The occurrence of biodegradation via methanogenesis is clearly demonstrated by comparing methane concentrations (Table 3) from the background well (MW-19-4) through residual source area wells (MW-19 and MW-19-5), to the wells downgradient of residual source area (MW-19-7 and MW-19-12). Methane is not detected in the background well, but is elevated within or just downgradient from the residual source area, especially during those times of concentration spikes caused by infiltration events and/or water table fluctuations (note that methane concentrations decrease significantly during those periods of lower concentrations in groundwater within the residual source area). Specifically, methane was detected in MW-19 (0.095 ppm) and in MW-19-5 (0.15 ppm) during the 2Q06 event. As the biodegradation process consumes more of the BTEX, methane levels become much higher in the next downgradient well, MW-19-7 (11 ppm during the 2Q06 event), while the total BTEX concentrations decrease (from 4.7 ppm in MW-19-5 to 0.56 ppm in MW-19-7 for 2Q06). Proceeding further downgradient to the new well MW-19-12, the methane concentration drops to nearly non-detect (0.0048 ppm which was a "J" qualified or estimated value), while the total BTEX concentration drops to non-detectable levels (similar to the background well MW-19-4). These data, together with the trend to much lower total BTEX concentrations in MW-19-7 to non-detect in MW-19-12, indicate that biodegradation of BTEX compounds reaches completion a relatively short distance downgradient from MW-19-7 (between MW-19-7 and MW-19-12).

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

Section 3
Surface Water Sampling

3.1 Eastern Drainage Channel

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

No BTEX or DEHP concentrations were detected in the surface water sample collected at background location SW-D-1 (head of the ditch). The surface water sample SW-D-2 was collected in the ditch adjacent to the former seep (recently removed as part of the source reduction) contained DEHP, which was detected at 1.0 µg/L. However, the detection was "J-qualified" meaning it was an estimated value falling between the method detection limit (MDL) and the Limit of Quantitation (LOQ). No BTEX was detected at SW-D-2 or the downstream surface water sample collected at SW-D-3. Concentrations of DEHP were detected in SW-D-3 sample, however the result was "J-qualified" at 3.0 µg/L. The sample at SW-D-4 had a concentration of 0.4 µg/L of toluene and 3.0 µg/L of DEHP, but both of the results were "J-qualified". All BTEX concentrations are below the surface water quality criteria (WQC) for toxic substances outlined in N.J.A.C 7:9B-1.14, however the two 3.0 µg/L DEHP concentrations slightly exceed the WQC of 1.76 µg/L.

3.2 Rockaway River

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

Sample SW-R-1 was collected near the river edge adjacent to the location where absorbent booms were placed in order to prevent visible product sheen from migrating directly into the

river. As discussed in earlier reports, the sheen was discovered in 2004 as a visible coloration on top of quiescent water pooled within the wetland area. The surface water sample from SW-R-1 contained no detectible levels of BTEX or DEHP.

River sample, SW-R-2, was taken directly upstream of where the former absorbent booms were placed and near the staff gauge SG-R2 location. The surface water sample collected in the river at SW-R-2 also contained no detectible concentrations of BTEX or DEHP.

The remaining surface water samples (SW-R-3 through SW-R-6) were also non-detect for all contaminants of concern.

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

Section 4
Remedial Actions and Future Activities

The following section briefly outlines additional remedial activities completed in 2Q06 and activities anticipated for implementation during 3Q06. The 3Q06 MW-19/Hot Spot 1 sampling activities are tentatively scheduled for September 2006. The installation of the remaining five (5) LEC wetland groundwater monitoring wells (MW-31, 32, 33, 34, and 35) will be performed following approval of the GP-14 permit application submitted to NJDEP Land Use Regulation Program (LURP in August 2006.

4.1 Source Reduction Construction Project

As we outlined in the final source reduction progress updates dated June 30, 2005, the construction phase of this project is now complete.

A Remedial Action Report (RAR) documenting all source reduction activities was provided to both NJDEP and USEPA for review on week of November 14, 2005. LEC received a comment letter from the NJDEP, dated June 14, 2006. RMT, on behalf of PolyOne, is preparing response to comments. Delivery of comments is expected in August 2006.

4.2 Emergency Response Activities

Emergency response activities have been terminated, as source reduction activities are now complete. RMT visually inspected these areas during the 2Q06 sampling event (at the same time adjacent surface water samples were collected). RMT did not observe sheen flowing away from the area in these surface water bodies.

4.3 Post Source Reduction Site Monitoring

Discussions were initiated between RMT and both NJDEP and USEPA during 4Q05 regarding the development and installation of the post source reduction site monitoring network in accordance with the submitted PRMP. A formal review and comment letter regarding the PRMP was received by LEC on February 22, 2006. LEC began installing the PRMP monitoring well network on June 6, 2006. RMT and LEC are in the process of submitting the necessary GP-14 permit application to the NJDEP LURP authorizing installation of the remaining five monitoring wells that will be placed in the wetland area.

In the meantime, we have prepared a preliminary site-wide groundwater contour map (Figure 5). The contours were prepared by utilizing the surveyed groundwater elevations from the new PRMP wells, existing site wells, and river and ditch surface water elevations (Table 1). The map shows that shallow groundwater flow is similar to flow that occurred before the source reduction in that shallow groundwater at the site is recharged by Washington Forge Pond as well as the first 600 feet of the Rockaway River below the dam ("losing" reach of river; see approximated flow direction arrows on Figure 5). Further downgradient, site groundwater nearest the river flows generally parallel to the river, and eventually becomes influent to the river just downgradient of the source reduction area (in the Wharton Enterprises wetland area). Also similar to the pre-source reduction flow, some of the site shallow groundwater becomes influent to the ditch surface water; this flow-path is supported by the low detections of COC's in some of the ditch surface water samples (see Section 3 above). Based on the interpretive groundwater flow arrows, the proposed wetland groundwater monitoring locations are generally well placed to evaluate groundwater quality downgradient from the source reduction area. However, the groundwater flow directions suggest that proposed wetland wells MW-33 and MW-34 might be better located by shifting a bit northwards, and proposed wetland well MW- 31 could be shifted a bit further west. Because we do not anticipate being able to install the wetland wells before the 3Q06 sampling event, we will evaluate the groundwater elevations and flow again following that event, and if needed make a final recommendation on adjusting the locations of the wetland wells at that time.

4.4 MW19/Hot Spot 1 Vapor Intrusion Investigation

RMT conducted the soil gas investigation activities on March 1, 2006, in accordance with the October 2005 NJDEP Vapor Intrusion Guidance and the NJDEP Revised Field Sampling Procedures Manual (August 2005). The soil gas investigation report was submitted in May 2006. During the installation of MW-19-12 on June 7, 2006, a soil gas sample was collected. The results of this investigation will be provided in a separate technical memorandum, along with the groundwater monitoring results from the newly installed PRMP monitoring wells.

Tables

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

WELL LOCATION	MONITORING DEVICE TYPE	PROFESSIONAL SURVEY INFORMATION (2)					QUARTERLY MEASUREMENT INFORMATION		
		BASELINE LOCATION (FT) NJ State Plane Coordinates		ELEVATION (FT. MSL)					
		(Y) North	(X) East	GROUND (6)	OUTER CASING	INNER WELL CASING	MEAS. DATE	WATER DEPTH	WATER ELEVATION
GEI-2I	Piezometer	754573.99	470499.76	635.32	637.75	637.60	19-Jun-06	10.26	627.34
GEI-2S	Piezometer	754566	470506.18	634.86	637.27	637.07	19-Jun-06	10.17	626.90
GEI-3I	Piezometer	754311.79	470453.7	636.96	639.39	639.25	19-Jun-06	12.45	626.80
MW-8	Monitoring Well	754099.29	471251.06	627.39	629.96	628.19	19-Jun-06	2.95	625.24
MW-9	Monitoring Well	754075.94	471111.03	628.61	631.09	629.58	19-Jun-06	3.73	625.85
MW-12S(R)	Monitoring Well	754055.97	471042.34	631.57	634.26	633.73	19-Jun-06	7.80	625.93
MW-13S(R)	Monitoring Well	754333.07	471365.71	627.66	630.36	629.99	20-Jun-06	5.25	624.74
MW-13I	Monitoring Well	754337.8	471360.31	627.76	630.28	630.06	20-Jun-06	4.42	625.64
MW-15S	Monitoring Well	754326.58	470891.83	634.23	636.43	636.17	19-Jun-06	10.10	626.07
MW-15I	Monitoring Well	754325.8	470901.47	634.14	636.28	636.06	19-Jun-06	9.99	626.07
MW-17	Monitoring Well	754109.68	470759.85	632.35	634.32	634.19	19-Jun-06	7.72	626.47
MW-18S	Monitoring Well	754677.95	471117.26	627.62	630.88	630.66	19-Jun-06	4.85	625.81
MW-18I	Monitoring Well	754675.11	471106.07	627.75	630.59	630.44	19-Jun-06	4.35	626.09
MW-19	Monitoring Well	754537.15	470454.45	636.22	636.23	635.90	19-Jun-06	8.85	627.05
MW-19-1	Monitoring Well	754534.52	470427.63	635.93	635.96	635.64	19-Jun-06	8.58	627.06
MW-19-2	Monitoring Well	754551.81	470429.56	636.46	636.50	636.30	19-Jun-06	9.23	627.07
MW-19-3	Monitoring Well	754539.4	470394.2	636.97	637.06	636.70	19-Jun-06	9.50	627.20
MW-19-4	Monitoring Well	754505.39	470432.08	635.69	635.76	635.43	19-Jun-06	8.19	627.24
MW-19-5	Monitoring Well	754565.53	470470.75	635.93	635.93	635.56	19-Jun-06	8.63	626.93
MW-19-6	Monitoring Well	754578.87	470443.1	636.17	636.16	635.82	19-Jun-06	8.82	627.00
MW-19-7	Monitoring Well	754595.66	470501.7	635.31	635.36	635.00	19-Jun-06	8.10	626.90
MW-19-8	Monitoring Well	754617.42	470493.65	635.82	635.82	635.36	19-Jun-06	8.47	626.89
MW-19-9D	Monitoring Well	754590	470442	636.39	636.41	636.10	19-Jun-06	8.52	627.58
MW-19-10	Monitoring Well	754625.75	470590.81	634.72	634.81	634.43	19-Jun-06	6.99	627.44
MW-19-11	Monitoring Well	754617.45	470546.95	634.22	634.26	633.67	19-Jun-06	6.92	626.75
MW-19-12	Monitoring Well	754627.53	470529.72	634.93	634.93	634.46	19-Jun-06	7.82	626.64
MW-27s	Monitoring Well	754253.78	470672.69	635.82	635.78	635.07	19-Jun-06	8.59	626.48
MW-28S	Monitoring Well	754243.26	471034.34	628.20	631.28	631.14	19-Jun-06	5.52	625.62
MW-28I	Monitoring Well	754242.87	471031.19	628.25	631.20	631.04	19-Jun-06	5.35	625.69
MW-29S	Monitoring Well	754411.14	471187.85	629.94	632.83	632.66	19-Jun-06	7.15	625.51
MW-30S	Monitoring Well	754281.65	471265.21	625.08	628.18	627.99	19-Jun-06	2.68	625.31
MW-30I	Monitoring Well	754286.42	471263.15	625.14	628.15	628.00	19-Jun-06	2.66	625.34
MW-30D	Monitoring Well	754290.05	471261.2	625.20	628.22	628.04	19-Jun-06	2.70	625.34
SG-D1 (1)	Drainage Channel Staff Gauge	754428.57	471240.37	625.81	-	-	19-Jun-06	1.35	623.83
SG-D2 (1)	Drainage Channel Staff Gauge	754285.43	471361.24	626.26	-	-	19-Jun-06	1.15	624.08
SG-D3 (1)	Drainage Channel Staff Gauge	754381.47	471548.31	625.83	-	-	19-Jun-06	1.60	624.10
SG-R2 (3)	Rockaway River Monitoring Point	754056.10	470946.46	629.41	-	-	19-Jun-06	2.80	626.61
SW-R-1 (4)	Rockaway River Monitoring Point	754125.56	471523.00	625.87	-	-	19-Jun-06	2.70	623.17
SW-R-2 (4)	Rockaway River Monitoring Point	754112.82	471426.51	626.54	-	-	19-Jun-06	2.75	623.79
SW-R-3 (4)	Rockaway River Monitoring Point	754149.30	471368.76	626.25	-	-	19-Jun-06	1.85	624.40
SW-R-4 (4)	Rockaway River Monitoring Point	754088.00	471279.58	627.57	-	-	19-Jun-06	2.56	625.01
SW-R-5 (4)	Rockaway River Monitoring Point	754314.04	470408.85	640.66	-	-	19-Jun-06	1.77	638.89
SW-R-6 (4)	Rockaway River Monitoring Point	754071.52	470697.75	631.68	-	-	19-Jun-06	3.56	628.12
SW-D-1 (5)	Drainage Channel Staff Gauge	754428.36	471240.17	625.75	-	-	19-Jun-06	1.91	623.84
SW-D-2 (5)	Drainage Channel Staff Gauge	754285.35	471361.22	626.07	-	-	19-Jun-06	2.13	623.94
SW-D-3 (5)	Drainage Channel Staff Gauge	754381.23	471548.18	625.70	-	-	19-Jun-06	1.71	623.99

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

TABLE 2
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MW19/Hot Spot 1 Groundwater Monitoring Data

MONITORING WELLS	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
			ANALYTICAL PARAMETERS									
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		40		30	
MW19												
Dilution factor for BTEX 2000	24-Feb-95	1	<	660		1,700		110,000		10,000		NR
Dilution factor for BTEX 100	14-Jun-95	2		150		3,400		140,000		17,000		NS
Dilution factor 5000 for BTEX & 2 for DEHP; MDL for Benzene 1000 ug/l	24-Apr-98	2	<	1,000		2,850		76,700		14,900		6.6
Dilution factor for BTEX 500	2-Aug-01	3	<	95		3,000		62,000		17,000		2.9
Dilution factor for BTEX 1000	6-Jun-02	2	<	200		1,000		80,000		6,000		5.6
Dilution factor for BTEX 100, Toluene 200	20-Nov-03	4	<	20		1,500		40,000		7,400	J	6.0
	15-Jun-04	2	<	100		1,400		46,000		6,600	J	4.0
Dilution factor for BTEX 100, Toluene 500	10-Aug-04	3	<	20		2,100		56,000		11,000	J	2.0
Dilution factor for BTEX 50	13-Jan-05	1	<	10		750		18,000		3,600	<	1.0
Lower Grab Water Sample; Dilution factor for BTEX 5	8-Apr-05	2	<	1		97		1,300		530	J	3.0
Upper Grab Water Sample; Dilution factor for Toluene 5	8-Apr-05	2	<	0.2		86		410		430	J	3.0
Dilution factor for BTEX 200	27-Jul-05	3	<	40		1,100		44,000		6,000	J	2.0
Dilution factor for BTEX 100	27-Oct-05	4	<	20		200		10,000		1,200	J	5.0
Dilution factor for BTEX 250	28-Feb-06	1	<	50		880		28,000		4,900	J	3.0
Dilution factor for BTEX 200	20-Jun-06	2	<	40		1,600		53,000		8,700	J	3.0
MW19-1												
Dilution factor for BTEX 200	12-Mar-98	1	<	40		219		4,270		1,160		190
	2-Aug-01	3	<	0.2		1.2	<	0.2	<	0.2		85
	5-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2		0.6
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	15-Jun-04	2	<	0.2	<	0.2		1.7	<	0.6		11
	10-Aug-04	3	<	0.2	<	0.2	J	0.6	<	0.6	<	1
	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	J	4
Lower Grab Water Sample	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Upper Grab Water Sample	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	26-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	J	2
MW19-2												
Dilution factor for BTEX 250	12-Mar-98	1	<	50.0		1,130		9,830		6,010		8.8
Dilution factor for BTEX 2	1-Aug-01	3	<	0.4		21		160		82		16
	5-Jun-02	2	<	0.22		19		36		39	<	0.4
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	J	1
	15-Jun-04	2	<	0.2		1.2		29		4.8	<	1
	10-Aug-04	3	<	0.2		28		150		100	J	1
	12-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	J	3
Lower Grab Water Sample	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Upper Grab Water Sample	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Jul-05	3	<	0.2		6.2		40		20	<	1
	26-Oct-05	4	<	0.2	J	1		2.7		3.3	<	1
	26-Oct-05	4 duplicate	<	0.2	J	0.8		2.5		3	<	1
MW19-3												
	12-Mar-98	1	<	0.2	<	0.14	<	0.14	<	0.5	<	1.2
	2-Aug-01	3	<	0.2	<	0.2	<	0.2	<	0.2	<	0.5
	5-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2	<	0.5
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9

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MONITORING WELLS	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
			ANALYTICAL PARAMETERS									
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		40		30	
MW19-4												
	12-Mar-98	1	<	0.2	<	0.14	<	0.14	<	0.5	<	1.3
	2-Aug-01	3	<	0.2	<	0.2	<	0.2	<	0.2	<	0.5
	6-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2	<	0.5
	19-Nov-03	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	28-Feb-06	1	<	0.2	<	0.2		2.2	<	0.6	<	1
	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
MW19-5												
Dilution factor for BTEX 5000	12-Mar-98	1	<	1,000		1,920		123,000		10,100		42
Dilution factor for BTEX 1000	2-Aug-01	3	<	190		870		79,000		5,200		3.2
Dilution factor for BTEX 500	7-Mar-02	1	<	140		300		10,000		1,700		1.3
Dilution factor for BTEX 5000, for DEHP 20	5-Jun-02	2	<	1,100		1,100		92,000		6,300	<	9.8
Dilution factor for BTEX 5000, for DEHP 20	5-Jun-02	2 duplicate	<	1,100		1,300		92,000		6,900	<	9.4
	19-Nov-03	4	<	0.2	<	0.2		4.3	J	0.9	<	0.9
	18-Dec-03	4 resample	<	0.2		3.7		240		24	<	0.9
	16-Jun-04	2	<	100		1,400		83,000		7,400	J	1
	10-Aug-04	3	<	200		2,800		140,000		14,000	J	1
Dilution factor for BTEX 10	13-Jan-05	1	<	2		64		3,100		340	<	1
Dilution factor for BTEX 200; Lower Grab Water Sample	9-Apr-05	2	<	40		1,000		27,000		5,300	J	1
Upper Grab Water Sample	9-Apr-05	2	<	0.2	J	0.4		9.5	J	2.3	<	1
Dilution factor for BTEX 500	26-Jul-05	3	<	100		2,600		100,000		13,000	<	0.9
	27-Oct-05	4	<	0.2		6.8		140		37	<	1
Dilution factor for BTEX 100	28-Feb-06	1	<	20		290		19,000		1,500	<	1
Dilution factor for BTEX 20	20-Jun-06	2	<	4		130		4,000		730	<	1
MW19-6												
Dilution factor for BTEX 200	15-Nov-99	4	<	62		94		3,400		500		32
Dilution factor for BTEX 2	1-Aug-01	3	<	0.4		14		390		47		26
	5-Jun-02	2	<	0.22		1.7		13		4.1		2.3
	18-Nov-03	4	<	0.2	<	0.2	J	0.3	<	0.6	J	6
	17-Jun-04	2	<	0.2	J	0.4		1.1		1.2	J	3
	10-Aug-04	3	<	0.2		4.6		38		18	J	4
	13-Jan-05	1	<	0.2		4		36		14	J	1
Lower Grab Water Sample	9-Apr-05	2	<	0.2		16		160		54	<	1
Upper Grab Water Sample	9-Apr-05	2	<	0.2		11		74		37	<	1
	26-Jul-05	3	<	0.2		3.6		27		14	J	2
	27-Oct-05	4	<	0.2		5.4		110		25	<	0.9
	28-Feb-06	1	<	0.2		5.8		65		23	<	1
	20-Jun-06	2	<	0.2		1.7		3.2		5.0	<	1
	20-Jun-06	2 duplicate	<	0.2		1.7		3.2		4.9	<	1

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

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			ANALYTICAL PARAMETERS									
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
		SOLUBILITY LIMIT	1,700,000		152,000		515,000		175,000			
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS)			1		700		1,000		40		30	
MW19-11												
	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Lower Grab Water Sample	7-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Upper Grab Water Sample	7-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	J	1
MW19-12	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
GEI-2I												
	24-Feb-95	1	<	0.3	<	0.3		0.4	<	0.1		27
	6-Jun-02	2	<	0.22	<	0.18	<	0.24	<	0.2		1.4
GEI-2S												
	24-Feb-95	1	<	8.2		46		1,500		380		7.6
	25-Mar-98	1		NS		NS		NS		NS	B	2.5
	6-Jun-02	2		1.2		2.6		16		5.1		2.4
	18-Dec-03	4	<	0.2	<	0.2	J	0.4	<	0.6	<	1
MW-25R												
	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	21-Jun-06	2 duplicate	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Atmospheric Blank	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	8-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	26-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	28-Feb-06	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	20-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Rinsate Blank	14-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	9-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	28-Feb-06	1	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	21-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
	22-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6	<	1
Trip Blank	13-Jan-05	1	<	0.2	<	0.2	<	0.2	<	0.6		NA
	9-Apr-05	2	<	0.2	<	0.2	<	0.2	<	0.6		NA
	27-Jul-05	3	<	0.2	<	0.2	<	0.2	<	0.6		NA
	27-Oct-05	4	<	0.2	<	0.2	<	0.2	<	0.6		NA
	28-Feb-06	1	<	0.2	<	0.2	<	0.2	<	0.6		NA
	20-Jun-06	2	<	0.2	<	0.2	<	0.2	<	0.6		NA

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

NR = Not Run

duplicate = Duplicate sample

Concentration exceeds NJGWQS: 1.2

B: Analyte also detected in blank

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

NOTES

(1) Low flow sampling initiated 1st quarter 2002

(2) GEI series wells are piezometers installed by Weston

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

TABLE 3

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

Well ID	Sampling Event	Heterotrophic Plate Count	Alkalinity to pH 8.3	Alkalinity to pH 4.5	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	mg/l	mg/l	ug/l	
MW-19	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	80	ND	207	30	589	ND	ND	0.054	3.6 J	150	NS
	3Q04	630	ND	268	30.9	553	ND	ND	0.12	1.7 J	230	NS
	1Q05	350	ND	241	17.2	347	0.22	ND	ND	7.4	230	NS
	2Q05[L]	390	NS	NS	10.8 J	413	2.8	ND	ND	33.3	3.0 J	NS
	2Q05[U]	1,400	NS	NS	14.8	455	3.2	ND	ND	30.4	2.0 J	NS
	3Q05	3	NS	NS	67.2	1070	0.04	1.3	ND	6	33	NS
	4Q05	120	NS	NS	23.2	620	0.56	0.88	ND	37.4	19	NS
	1Q06	25	NS	NS	35.6	559	ND	ND	ND	3.3 J	140	NS
	2Q06	56	NS	NS	44.4	460	ND	0.43 J	ND	3.2 J	95	ND
MW-19-1	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	100	ND	162	ND	725	1.4	ND	ND	32.4	ND	NS
	3Q04	49	ND	184	3.2 J	928	3.9	ND	ND	35.3	ND	NS
	1Q05	43	ND	152	ND	404	2.1	ND	ND	27.9	ND	NS
	2Q05[L]	410	NS	NS	16.4	1,440	2.9	ND	ND	34.1	ND	NS
	2Q05[U]	350	NS	NS	3.2 J	1,430	2.8	ND	ND	32.9	ND	NS
	3Q05	53	NS	NS	9.2 J	1,140	4.1	ND	ND	39	ND	NS
Dilution factor for Nitrate 2	4Q05	240	NS	NS	12.4	659	4.6	ND	ND	44.2	ND	NS
MW-19-2	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	10	ND	335	6.0 J	704	ND	ND	ND	33.6	1600	NS
	3Q04	87	ND	176	6.0 J	916	0.87	ND	ND	23.9	280	NS
	1Q05	110	ND	395	5.2 J	568	0.093 J	0.13 J	ND	69.4	26	NS
	2Q05[L]	160	ND	ND	11.6 J	780	0.62	0.17 J	ND	29.6	ND	NS
	2Q05[U]	150	ND	ND	ND	750	0.64	ND	ND	29.3	ND	NS
	3Q05	8	NS	NS	3.2 J	976	1	0.12 J	ND	27.2	120	NS
	4Q05	220	NS	NS	ND	864	0.78	ND	ND	60.3	35	NS
	4Q05D	92	NS	NS	ND	908	0.6	ND	ND	62.1	49	NS
MW-19-4	1Q06	12	NS	NS	ND	730	2.4	ND	ND	37.4	ND	NS
	2Q06	520	NS	NS	8.4 J	774	2.8	ND	ND	45.8	ND	ND
MW-19-5	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3Q04	180	ND	228	14	942	0.06 J	ND	ND	15.7	2100	NS
	1Q05	380	ND	126	3.6 J	174	0.49	ND	ND	15.8	34	NS
	2Q05[L]	3000	NS	NS	3.6 J	177	ND	ND	ND	12	380	NS
	2Q05[U]	100	NS	NS	3.6 J	141	0.43	ND	ND	8.7	ND	NS
	3Q05	69	NS	NS	6.8 J	463	ND	ND	ND	7.7	1700	NS
	4Q05	58	NS	NS	ND	144	0.38	ND	ND	12.8	3.8 J	NS
	1Q06	12	NS	NS	ND	287	0.97 J	ND	ND	11.2	290	NS
	2Q06	22	NS	NS	9.2 J	190	0.19	ND	ND	14.2	150	ND
MW-19-6	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	35	ND	151	10.4 J	1670	1.6	ND	ND	37.3	140	NS
	3Q04	110	ND	178	18.8	1240	1.1	ND	0.062	38.3	140	NS
	1Q05	82	ND	204	11.2 J	544	1.7	ND	ND	44	130	NS
	2Q05[L]	23	NS	NS	18	1180	1.3	0.29 J	ND	33.5	44	NS
	2Q05[U]	160	NS	NS	ND	1190	1	ND	ND	32.7	96	NS
	3Q05	90	NS	NS	40.8	1520	1.1	ND	ND	35	38	NS
	4Q05	43	NS	NS	10.8 J	940	3.5	ND	ND	47.8	43	NS
	1Q06	14	NS	NS	4.4 J	634	1.8	ND	ND	36.6	50	NS
	2Q06	14	NS	NS	ND	802	2	ND	ND	38.3	44	ND
	2Q06D	15	NS	NS	ND	790	2	ND	ND	37.7	45	ND
MW-19-7	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	110	ND	142	6.8 J	2110	0.21	ND	ND	47.2	5200	NS
	2Q04D	88	ND	152	9.2 J	2040	0.21	0.15 J	ND	37.3	5400	NS
	3Q04	2000	ND	175	4.4 J	1920	1.5	ND	ND	64.4	2400	NS
Dilution factor for Methane 250	1Q05	75	ND	200	6.0 J	774	3.2	ND	ND	29.1	10,000	NS
Dilution factor for Methane 250	1Q05D	77	ND	202	7.2 J	754	3.2	ND	ND	30.5	11,000	NS
	2Q05[L]	32	NS	NS	54	472	ND	0.50 J	0.45	ND	13,000	NS
	2Q05[U]	41	NS	NS	48	481	ND	0.35 J	0.32	ND	10,000	NS
	3Q05[L]	17	NS	NS	45.6	1450	ND	ND	0.3	19.2	2,900	NS
	3Q05[U]	17	NS	NS	31.6	1280	0.22	0.29 J	0.1	25.7	1,600	NS
Dilution factor for Methane 250	4Q05	16	NS	NS	32	926	0.16	0.5	0.23	8.9	7,700	NS
	1Q06	14	NS	NS	33.2	621	ND	ND	0.3	2.2 J	10,000	NS
	1Q06D	10	NS	NS	36.8	628	ND	ND	0.3	1.6 J	10,000	NS
Dilution factor for Methane 200	2Q06	68	NS	NS	16.8	655	0.87	ND	0.16	12.9	11,000	ND
MW-19-8	2Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	45	ND	143	14.4	1120	ND	ND	0.15	22.8	79	NS
	3Q04	15	ND	152	7.2 J	573	ND	0.24 J	0.12	11.5	790	NS
Dilution factor for Methane 5	1Q05	91	ND	142	25.2	1150	ND	ND	0.18	16.3	510	NS
	2Q05	270	NS	NS	20	796	ND	ND	ND	23.7	5.3	NS
	3Q05	ND	NS	NS	8.8 J	876	0.33	0.26 J	ND	20.3	74	NS
	4Q05	210	NS	NS	4.4 J	926	0.88	ND	ND	24.6	24	NS

TABLE 3

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

Well ID	Sampling Event	Heterotrophic Plate Count	Alkalinity to pH 8.3	Alkalinity to pH 4.5	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	mg/l	mg/l	ug/l	
MW-19-9D	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	210	ND	211	6.0 J	621	0.14	0.33 J	ND	18.2	1300	NS
	3Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19-10	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	34	ND	109	6.8 J	563	ND	ND	ND	18	2.6 J	NS
	3Q04	18	ND	98	10.4 J	908	ND	ND	ND	19.2	3.3 J	NS
	3Q04D	22	ND	97.8	10.8 J	890	ND	0.24 J	ND	17.9	2.9 J	NS
	1Q05	29	ND	127	5.2 J	625	ND	ND	ND	16.9	74	NS
	2Q05[L]	170	NS	NS	32.4	653	ND	ND	ND	18.1	48	NS
	2Q05[U]	93	NS	NS	32	691	ND	0.12 J	ND	18.3	48	NS
	3Q05	26	NS	NS	10.4 J	560	ND	ND	ND	16	ND	NS
	4Q05	56	NS	NS	17.2	654	ND	ND	ND	15.3	3.2 J	NS
MW-19-11	1Q05	940	ND	205	4.8 J	4,750	2.2	ND	ND	65.6	9.9	NS
	2Q05[L]	NS	NS	NS	64	731	ND	0.42 J	ND	18	930	NS
	2Q05[U]	14	NS	NS	27.2	740	ND	ND	ND	17.2	1,200	NS
	3Q05	63	NS	NS	106	555	ND	ND	0.11	21.5	26	NS
Dilution factor for Methane 10	4Q05	80	NS	NS	15.2	854	ND	0.32 J	ND	25.5	440	NS
MW-19-12												
	2Q06	4000	NS	NS	11.2 J	548	0.048 J	ND	ND	15.1	4.8 J	ND

Notes:

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

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

NS = Not Sampled

ND = Not Detected

[L] Lower Grab Sample

[U] Upper Grab Sample

* Total Lead

Table 4

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

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-19	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	10.97	7.23	24	890	2	13.94	NM	160	70
	3Q04	0.1	7.62	-10	1179	2	16.18	<10	200	95
	1Q05	0.2	7.67	100	590	5	11.82	9	NM(1)	121
	2Q05L	1	7.84	NM	734	10	8.6	0.3	30	<10
	2Q05U	1	7.69	NM	760	10	8.46	0.4	29	<10
	3Q05	1	7.03	185	1920	9	15.86	>10	110	60
	4Q05	5.34	6.47	87	1005	4	15.01	>10	110	18
	1Q06	3.53	6.59	-50	978	13	8.72	>10	11	>100
	2Q06	4.92	7.66	-43	905	9	13.98	>10	225	60
MW-19-1	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	13.9	7.22	180	1373	10	13.9	NM	125	17
	3Q04	1	7.5	80	1910	10	18.49	0.2	90	28
	1Q05	1	7.8	213	676	10	11.49	0	NM(1)	30
	2Q05L	0.8	7.6	NM	2540	22	9.15	0.2	75	<10
	2Q05U	1	7.67	NM	2540	10	8.5	0.1	90	<10
	3Q05	1	7.22	208	2260	20	15.23	0.1	100	10
	4Q05	6.54	7.06	291	1149	36	16.70	0.1	45	<10
MW-19-2	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	4.45	7.3	83	1199	6	13.97	NM	210	60
	3Q04	5	7.45	59	1830	9	16.97	2	130	15.5
	1Q05	1	7.3	249	825	10	11.02	0	NM(1)	63
	2Q05L	0.8	7.8	NM	1312	29	7.76	0.1	100	<10
	2Q05U	0.8	7.76	NM	1316	10	8.00	0.1	100	10
	3Q05	1	7.59	204	1980	3	14.87	1	100	10
	4Q05	4.75	6.79	290	1442	1	16.50	0.2	105	15.5
MW-19-4	1Q06	7.62	7.53	-64	1351	14	5.61	0.6	12	>50
	2Q06	6.53	7.74	116	1442	22	13.93	0.2	100	17
MW-19-5	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	10.16	7.02	41	1550	4	12.89	NM	130	70
	3Q04	1	7.26	87	1740	19	16.3	2	150	60
	1Q05	1	7.94	226	269	9	10.59	0	NM(1)	63
	2Q05L	1	7.94	NM	2640	10	8	0	45	16
	2Q05U	0.8	7.99	NM	2100	38	6.96	0	45	10.5
	3Q05	0.8	7.44	184	920	2	15.15	>10	100	35
	4Q05	1.84	6.27	217	216	10	15.15	0.1	30	11
	1Q06	3.35	6.35	249	512	3	8.17	0	12	>100
	2Q06	6.79	7.5	36	327	5	14.4	0.3	90	27
MW-19-6	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	5.48	6.86	56	2640	10	15.24	NM	80	33
	3Q04	1	7.43	83	2490	4	16.61	0.4	125	20
	1Q05	1	7.73	241	867	12	11.79	0	NM(1)	41
	2Q05L	1	7.5	NM	1870	27	10.64	0.1	75	15
	2Q05U	1	7.48	NM	1790	2	9.89	1	80	20
	3Q05	1	7.28	191	3030	36	15.2	0.4	70	20
	4Q05	5.39	5.86	307	1550	9	14.76	0	80	10.5
	1Q06	3.71	6.6	237	1116	4	9.93	0	12	>100
	2Q06	6.61	7.53	35	1520	5	13.51	0.2	125	23
MW-19-7	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	5.89	6.82	48	380	6	14.34	NM	95	90
	3Q04	1	6.92	113	4040	2	16.77	1	75	70
	1Q05	0.6	7.16	281	1388	1	11.34	3	NM(1)	63
	2Q05L	0.05	7.82	102	938	25	11.7	15	160	36
	2Q05U	1	7.8	NM	961	49	11.22	15	200	29
	3Q05L	0.8	7.03	90	2670	17	14.76	>10	95	0.8
	3Q05U	1	7.02	185	2460	5	16.02	>10	70	35
	4Q05	1.58	5.98	-44	1434	14	14.85	>10	11	30
	1Q06	1.86	6.2	43	1130	14	10.81	>10	>100	>100
	2Q06	3.87	7.41	-33	1284	9	13.28	>10	170	70

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

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-19-8	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	3.98	6.9	-24	2010	10	15.69	NM	125	30
	3Q04	0.4	7.52	48	1093	7	18.29	2	100	19
	1Q05	0.3	7.06	161	177	16	12.92	10	NM(1)	28
	2Q05	0.8	7.92	NM	1510	47	10.82	6	70	19
	3Q05	0	7.07	147	1820	2	18.86	3	80	19
	4Q05	6.74	6.10	330	1460	5	17.19	3	85	20
MW-19-9D	1Q04	NS	NS	NS	NS	NS	NS	**	**	**
	2Q04	3.03	7.11	-28	480	63	14.64	**	**	**
	3Q04	0.2	7.4	8	545	35	15.7	**	**	**
	1Q05	1.5	7.14	193	871	267	11.58	**	**	**
	2Q05	0.05	7.91	NM	471	70	12.12	**	**	**
	3Q05	0	7.35	189	552	2	16.4	**	**	**
	4Q05	0.94	5.78	-91	465	1	13.96	**	**	**
MW-19-10	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	3.82	6.78	85	1050	7	13.94	NM	80	25
	3Q04	0.1	7.35	107	1498	11	15.56	1.5	65	20
	1Q05	0.15	7.25	285	1039	28	13.19	2	NM(1)	20
	2Q05L	0.8	7.47	NM	1209	52	12.18	0.4	70	13
	2Q05U	1	7.48	NM	1282	41	11.18	1	75	13
	3Q05	1	7.62	212	1148	18	16.47	0.6	70	13
	4Q05	9.89	6.73	229	1167	39	15.00	1	60	10
MW-19-11	1Q05	1.5	7.01	215	740	8	10.3	0	NM(1)	65
	2Q05L	0.8	7.88	NM	1424	38	12.18	4	110	17
	2Q05U	0.8	7.8	NM	1442	10	12.12	4	90	15
	3Q05	1	7.72	209	1155	77	16.63	1	80	12.5
	4Q05	2.5	6.51	271	1470	10	15.86	0.4	85	15
MW-19-12	2Q06	0.99	7.29	-33	1046	9	16.06	4	120	100

Notes:

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

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

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

NS = Not Sampled

NM = Not Measured

L Lower Grab Sample

U Upper Grab Sample

* Well was not stabalized due to well going dry.

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

MONITORING WELLS	SAMPLE DATE	QUARTER	ANALYTICAL PARAMETERS Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
		UNITS	ug/l		ug/l		ug/l		ug/l		ug/l	
NEW JERSEY SURFACE WATER QUALITY STANDARDS (NJSWQS)			0.15		3,030		7,440		NCS		1.76	
SW-D-1												
	8-Apr-05	2Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	26-Jul-05	3Q05	<	0.2	<	0.2	J	0.5	<	0.6	<	1.0
	26-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
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
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	4Q005	<	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
SW-D-4												
	20-Jun-06	2Q06	<	0.2	<	0.2	J	0.4	<	0.6	J	3.0
DRC-1												
	20-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	J	1.2	<	0.9
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
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
SW-R-3												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS

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

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

LEGEND

ug/L = micrograms per liter

NCS: No Criteria Specified

NS = Not Sampled

duplicate = Duplicate sample

Concentration exceeds NJSWQS 38.0

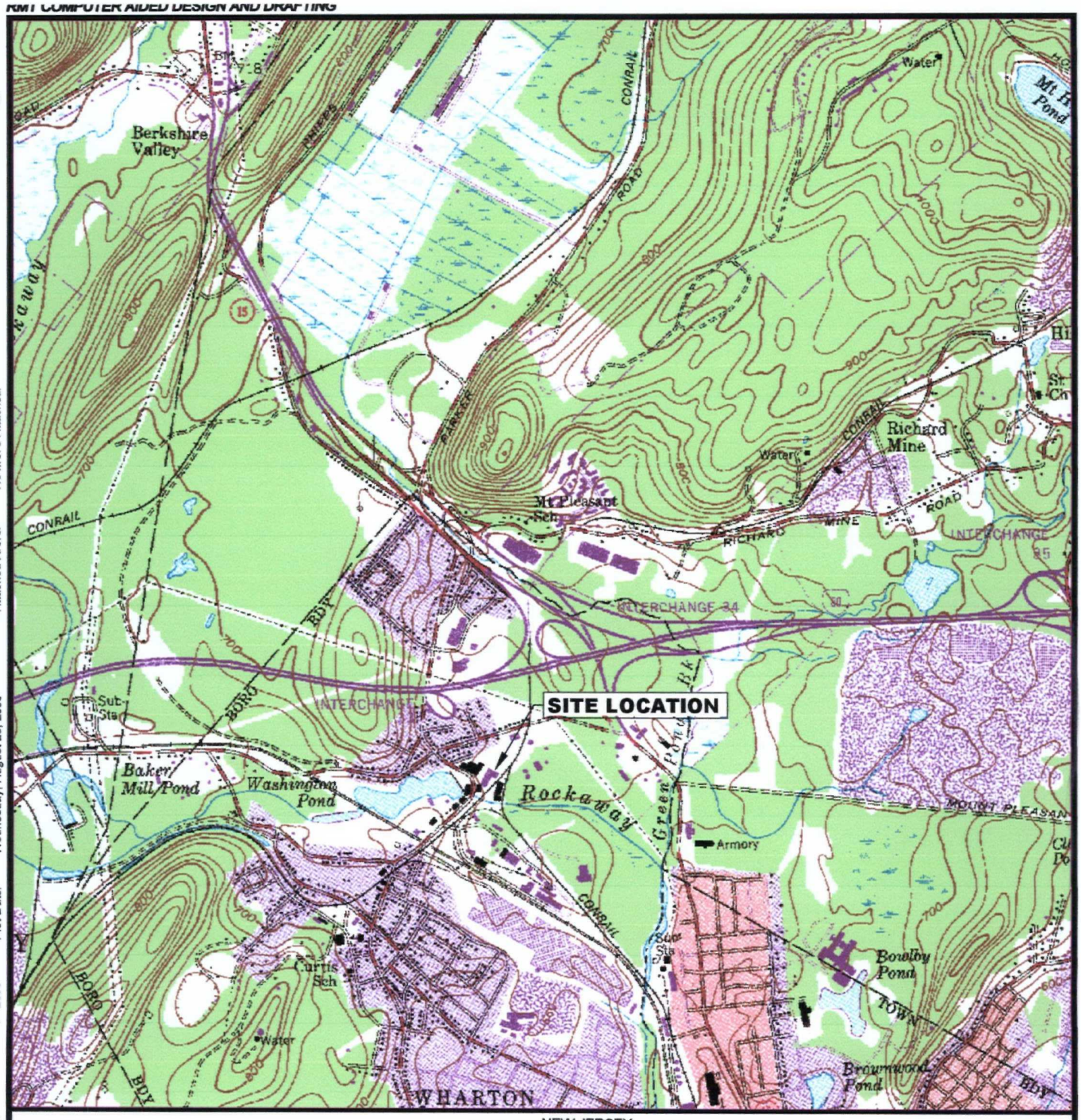
B: Analyte also detected in blank

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

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

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

Figures



NEW JERSEY

QUADRANGLE LOCATION

N

0 2000' 4000'

APPROXIMATE SCALE IN FEET

SOURCE

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

RMT INC.

LE CARPENTER
WHARTON, NEW JERSEY

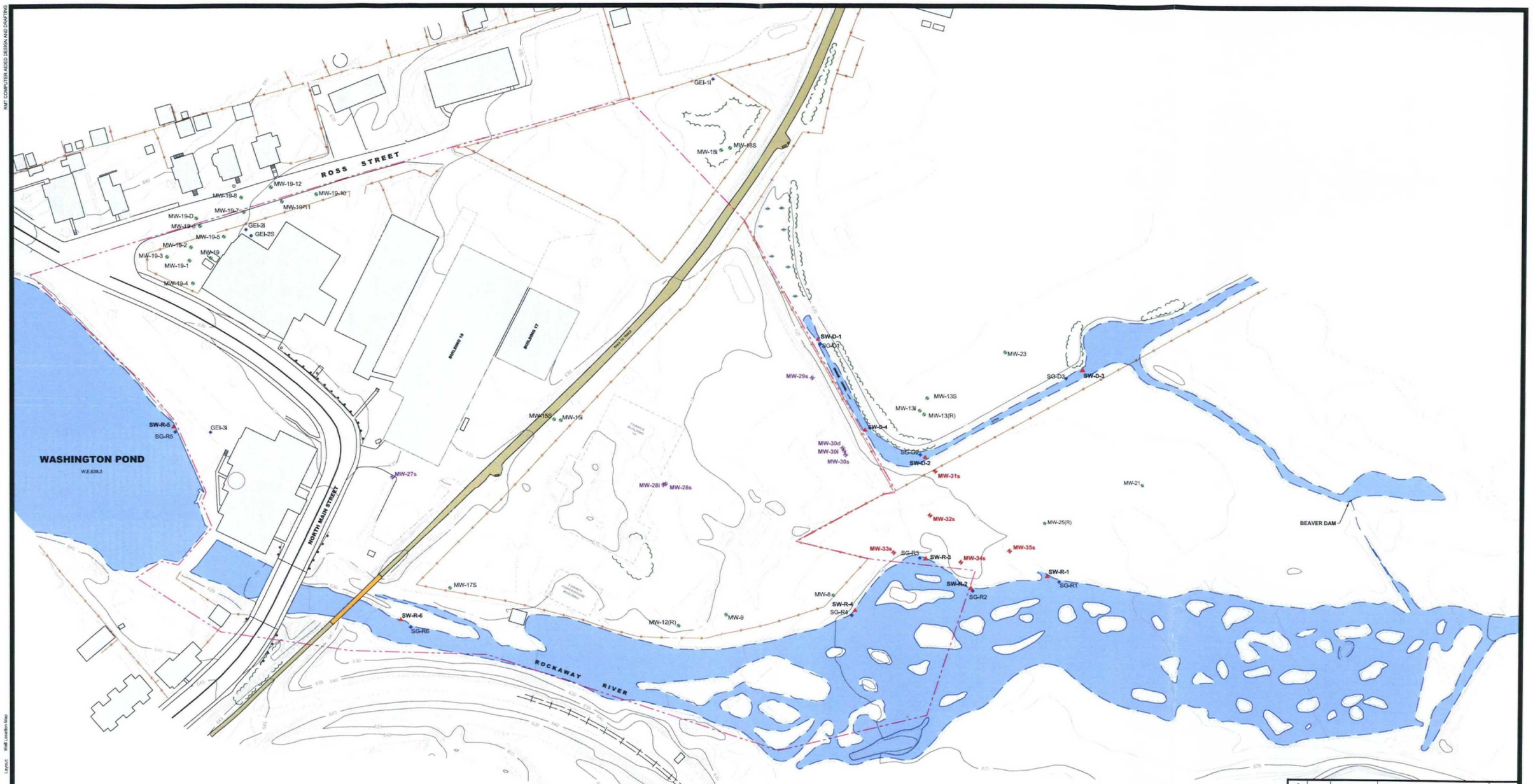
SITE LOCATION MAP
2nd QUARTER 2006

DRAWN BY:	SL
APPROVED BY:	JO
PROJECT NUMBER:	6527.18
FILE NUMBER:	6527.18.01.DWG
DATE:	AUGUST 2006

FIGURE 1

PLOT DATA
Drawing Name: J:\6527\18\6527.18.01.dwg
Operator Name: Scale: lucidos 1"=2000'
Dwg Size: Plot Date: 117004 Bytes Wednesday, August 23, 2006
Plot Time: Attached Xrefs: 09:46:3220 AM No xref's Attached.

RMT COMPUTER AIDED DESIGN AND DRAFTING



LEGEND

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

NOTES

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

N

0 60' 120' 180' 240'

SCALE IN FEET

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

L.E. CARPENTER
WHARTON, NEW JERSEY

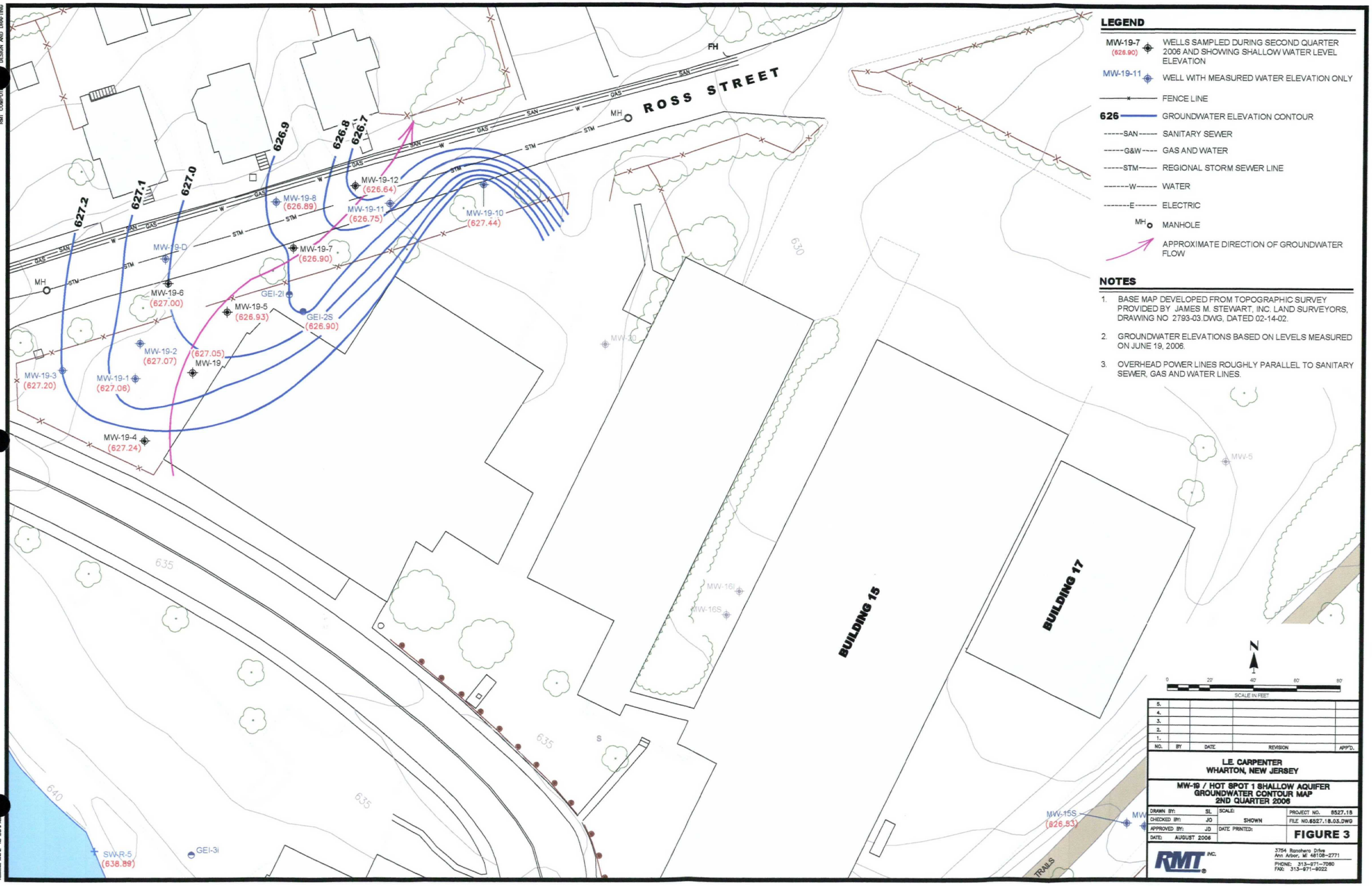
SITE PLAN WITH SAMPLE LOCATIONS

DRAWN BY: SL	DRAWING SCALE:	PROJECT NO.	J106527118
CHECKED BY: JD	SHOWN	FILE NO.	6527,18.02.dwg
APPROVED BY: JD	DATE PRINTED:		
DATE: August 06			

FIGURE 2

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

Drawing Name: J106527118.02.dwg
Operator Name: LUCAS
Drawing Plot Scale: 1:20640
Drawing Size: 0.90 Mb
Plot Date: August 22, 2006
Plot Time: 8:44 AM
Layout: Well Location Map



LEGEND

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

NOTES

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02.
2. GROUNDWATER ELEVATIONS BASED ON LEVELS MEASURED ON JUNE 19, 2006.
3. OVERHEAD POWER LINES ROUGHLY PARALLEL TO SANITARY SEWER, GAS AND WATER LINES.

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

L.E. CARPENTER
WHARTON, NEW JERSEY

MW-19 / HOT SPOT 1 SHALLOW AQUIFER GROUNDWATER CONTOUR MAP 2ND QUARTER 2006

DRAWN BY: SL	SCALE: SHOWN	PROJECT NO. 6527.18	
CHECKED BY: JO		FILE NO.6527.18.03.DWG	
APPROVED BY: JD	DATE PRINTED:	**FIGURE 3**	
DATE: AUGUST 2006			

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

RMT COMPUTER DESIGN AND DRAFTING

LEGEND

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

NOTES

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02.
2. GROUNDWATER ELEVATIONS BASED ON LEVELS MEASURED ON JUNE 19, 2006.
3. NS = NOT SAMPLED; ND = NOT DETECTED
4. OVERHEAD POWER LINES ROUGHLY PARALLEL TO SANITARY SEWER, GAS AND WATER LINES.

N

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

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

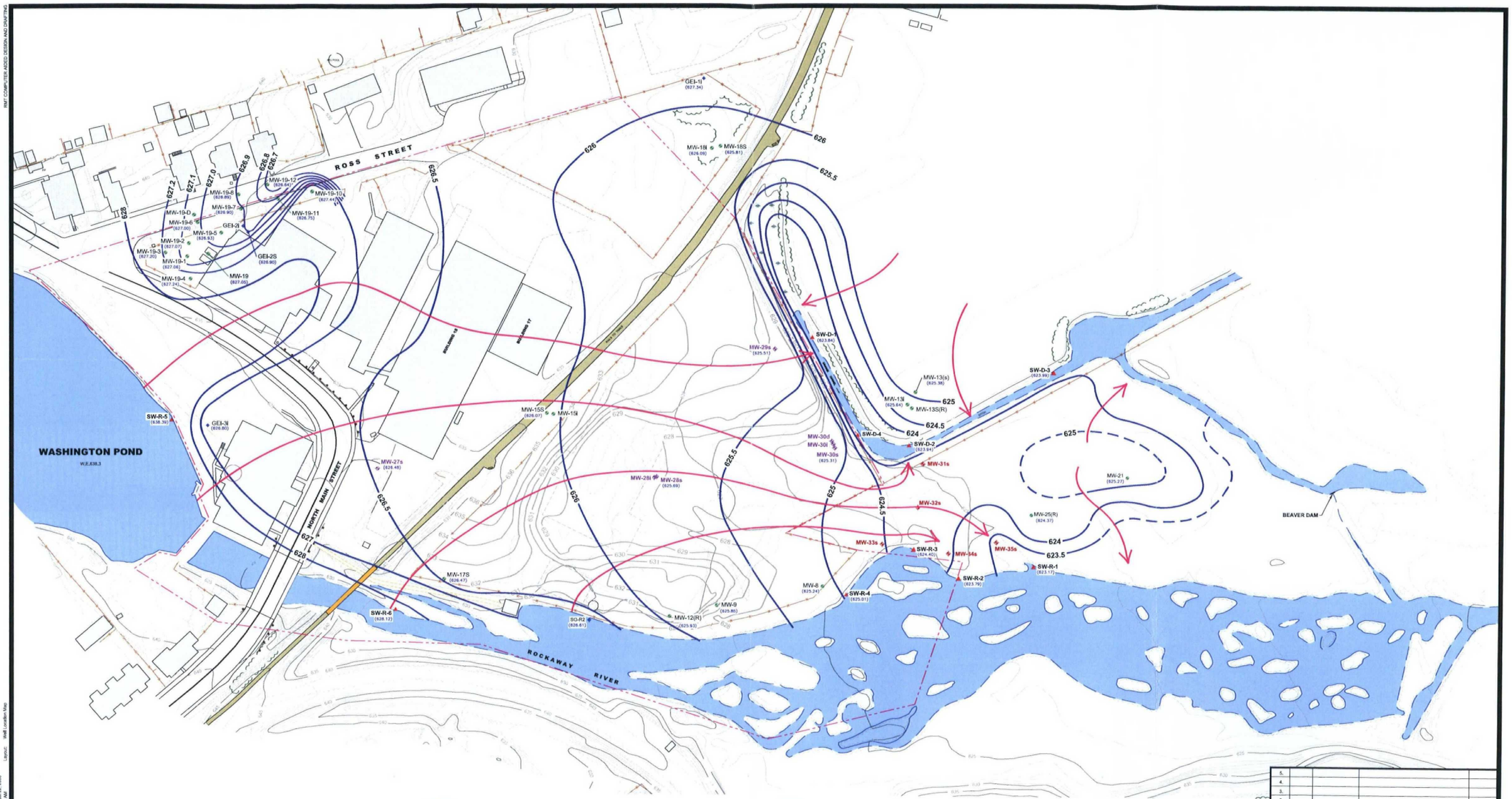
L.E. CARPENTER
WHARTON, NEW JERSEY

MW-19 / HOT SPOT 1 SHALLOW AQUIFER
ISOCONCENTRATION MAP
2ND QUARTER 2006

DRAWN BY: SL	SCALE: SHOWN	PROJECT NO. 6527.18	
CHECKED BY: JO		FILE NO.6527.18.04.DWG	
APPROVED BY: NC	DATE PRINTED:	FIGURE 4	
DATE: AUGUST 2006			

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

RMT COMPUTER AIDED DESIGN AND DRAFTING



LEGEND

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

NOTES

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

N

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

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

L.E. CARPENTER
WHARTON, NEW JERSEY

SITE-WIDE SHALLOW GROUNDWATER ELEVATION CONTOURS

DRAWN BY: SL	DRAWING SCALE: SHOWN	PROJECT NO. J10652718	
CHECKED BY: JD		FILE NO. 6527.18.05.dwg	
APPROVED BY: JD	DATE PRINTED:	**FIGURE 5**	
DATE: August 06			

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

RMT COMPUTER AIDED DESIGN AND DRAFTING

Drawing Name: 6527.18.05.dwg
Operator Name: LUCIDO1
Drawing Plot Scale: 1:10 Mb
Drawing Size: 1.15 Mb
Plot Date: August 22, 2006
Plot Time: 8:41 AM
Layout: Well Location Map

Appendix A
Report Certification

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

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

Mr. Cristopher R. Anderson

PRINTED NAME

Director, Environmental Services

TITLE

L.E. Carpenter & Company

COMPANY

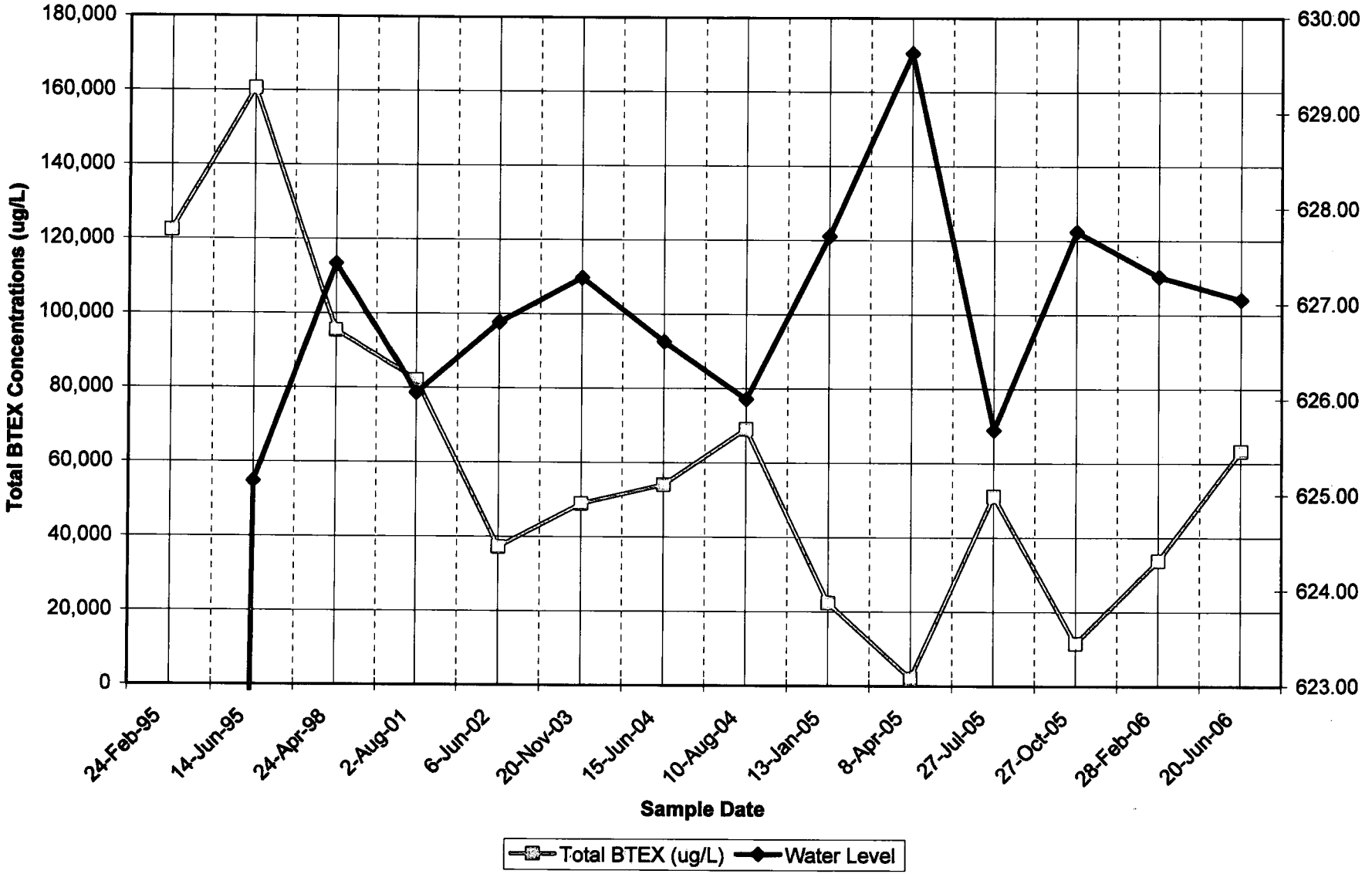
SIGNATURE

8/22/06

DATE

Appendix B
BTEX Concentration Trend Charts

Total BTEX Concentrations vs. Water Levels for MW-19



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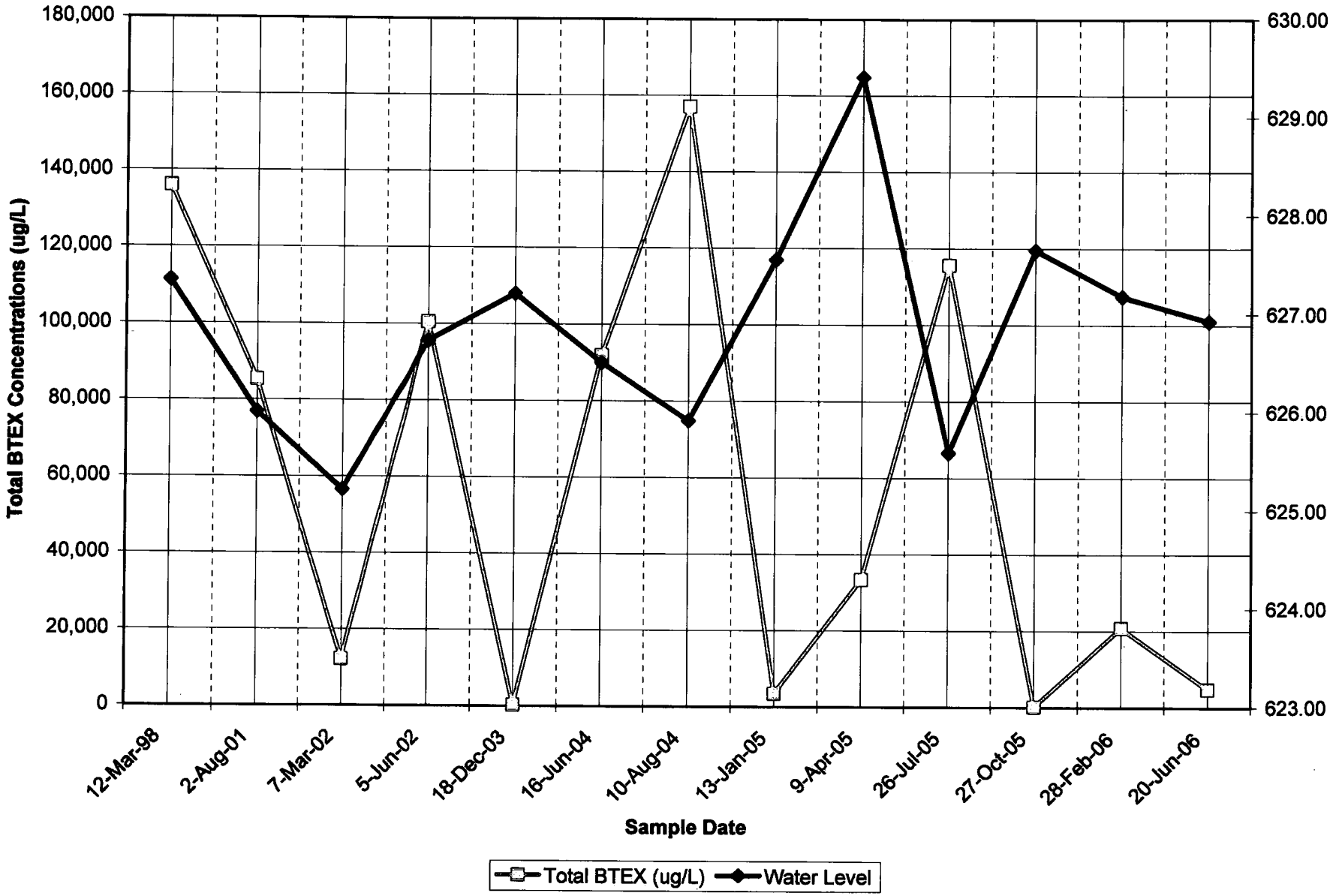
Total BTEX Concentrations vs. Water Levels for MW-19-5



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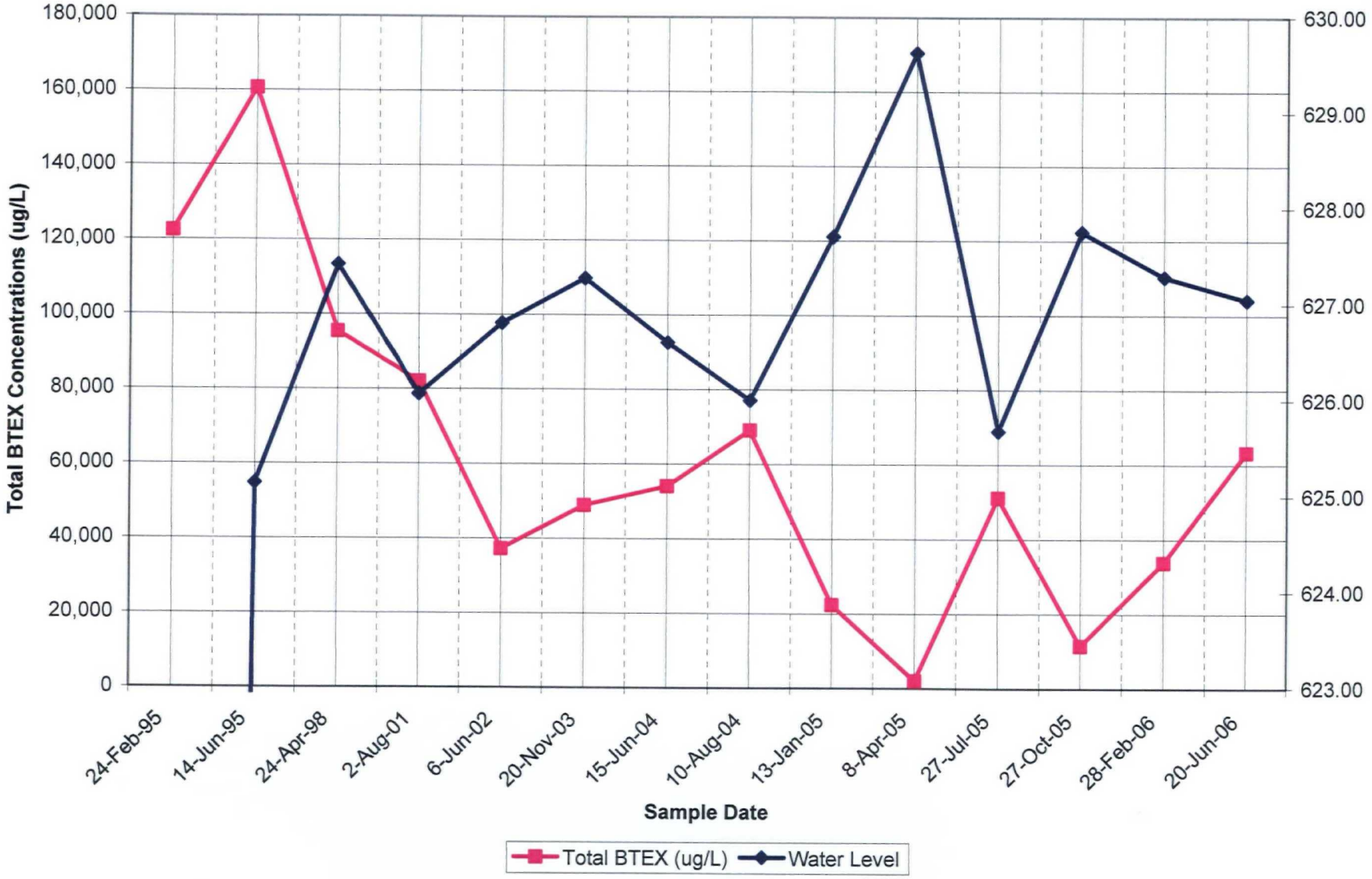
Total BTEX Concentrations vs. Water Levels for MW-19



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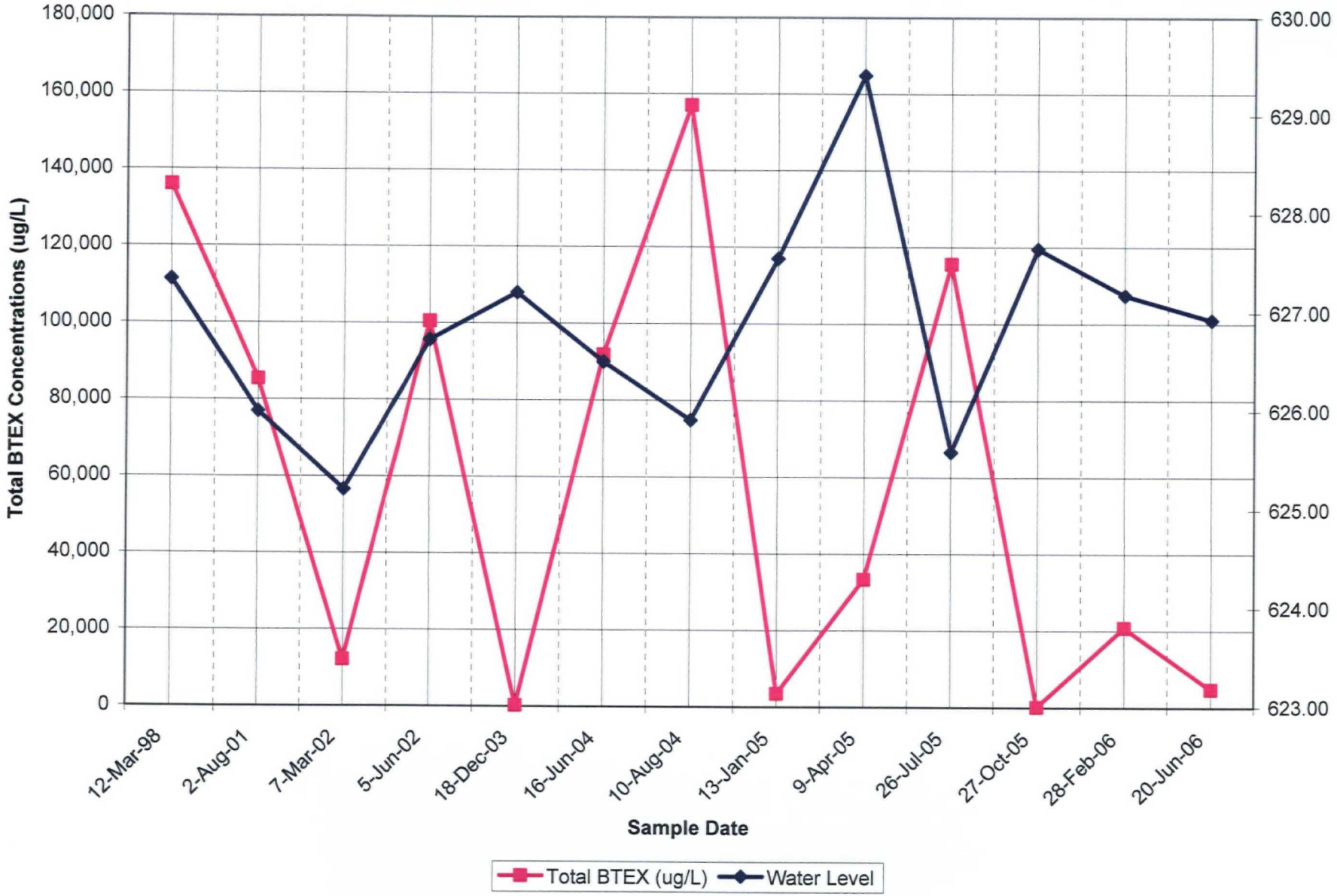
Total BTEX Concentrations vs. Water Levels for MW-19-5



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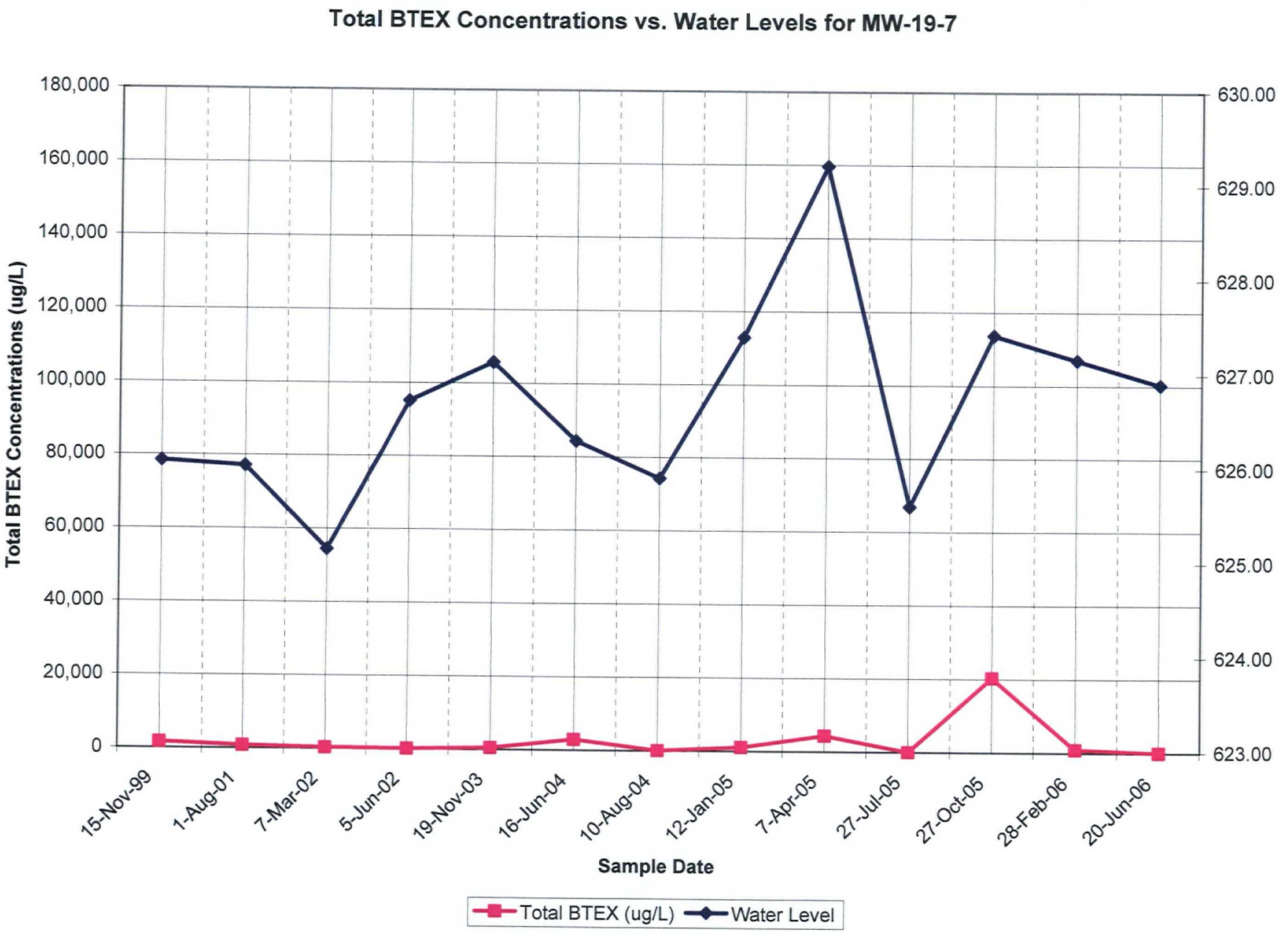

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Appendix C
2nd Quarter 2006 Monitoring Well Sampling Data

RMT®

PROJECT NAME: L. E. Carpenter

PROJECT NUMBER: 6527.18

PROJECT MANAGER: N. Clevett

SITE LOCATION: Wharton, NJ

DATES OF FIELDWORK: 6/19/2006 TO 6/23/2006

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

WORK PERFORMED BY: S. Pawlukiewicz & E. Vincke

E. Vincke 6/28/06
SIGNED DATE

CHECKED BY 8/23/06
DATE

RMT

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 6/19/06	TIME ARRIVED: ~~1140~~ 1220
PROJECT NUMBER: 6527.18	AUTHOR: S. Pawlukiewicz &	TIME LEFT: 2000

WEATHER

TEMPERATURE: 80-85 °F WIND: 0-10 MPH VISIBILITY: Clear in Morning, RAIN in evening

WORK/SAMPLING PERFORMED

~~1220~~ Mobilization to Site, performed site wide water levels.
- Sampled surface water samples: SW-D-3, SW-D-2 (DUP-01) SW-D-1, SW-R-1, SW-R-2, SW-R-3, SW-R-4, SW-R-5, SW-R-6.
- Prepared bottles + labels for GW sampling
- Poured + set concrete pads @ MW-30s, 30I, 30D.

Used interface probe on MW-30s + 28s, found no product.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
—	—

COMMUNICATION

NAME		

Scott Pawlukiewicz 6/19/06
SIGNED DATE

CHECKED BY 8/23/06
DATE

RMT

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 6/20/06	TIME ARRIVED: 0635
PROJECT NUMBER: 6527.18	AUTHOR: S. Pawlukiewicz &	TIME LEFT: 1805

WEATHER

TEMPERATURE: 80-85 °F WIND: 0-10 MPH VISIBILITY: clear

WORK/SAMPLING PERFORMED

06 - Depart Hotel for Site, begin setup + calibration, begin purging MW-19-6 @ 0800 after changing to grab-plate on pump.
Sampled MW-19-6, Dup-02 done with sample. (0820)
ATM-01 done at 0845.
MW-19-7 + MS/MSD sampled at 1025.
MW-19-5 (1210) + MW-19 (1520) sampled.
SW-D-4 (1555) + DRC-I (1615) sampled by E. Vincke.
Wetland sheen investigation + photolog performed by E. Vincke.
Took water levels at MW-13S + MW-13I.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME		
EV + NC/JD		

Scott Pawlukiewicz 6/20/06
SIGNED DATE

CHECKED BY 8/23/06
DATE

RMT

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 6/21/06	TIME ARRIVED: 0635
PROJECT NUMBER: 6527.18	AUTHOR: S. Pawlukiewicz &	TIME LEFT: 1945

WEATHER

TEMPERATURE: 80 °F WIND: 0-10 MPH VISIBILITY: CLEAR

WORK / SAMPLING PERFORMED

- Arrived @ Site, calibrated Equipment, Sampled GW wells (MW-19-4, MW-29S + MW-19-2, RB-01) Scott, (MW-25R (Dup-03), MW-30S, MW-28S) Vincke.
- ~~Shipped~~ Courier picked up samples, Additional samples were sent via FedEx. Flowthrough, Backpack sent FedEx too.
- Atempted to lock wells at Air Products, unsuccessful do to too small of lock.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
MW-27S dry when purged for 5-10 minutes.	Removed pump, will sample on 6/22/06.

COMMUNICATION

NAME		

Scott Pawlukiewicz 6/21/06
SIGNED DATE

CHECKED BY 8/23/06
DATE

REVISED 07/2005

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 6/22/06	TIME ARRIVED: 0640
PROJECT NUMBER: 6527.18	AUTHOR: S. Pawlukiewicz &	TIME LEFT:

WEATHER

TEMPERATURE: 80 °F WIND: 0-10 MPH VISIBILITY: ~~[illegible]~~ Cloudy/Rain in AM

WORK / SAMPLING PERFORMED

- Arrive @ Site, Calibrate Equipment.
- Purged MW-27s @ 100 mL/min, Dry in 15 min. Tracking Recharge.
- 0840 Used interface probe on MW-30s, indication of product present -
- 0810 - Bailed MW-30s - Sheen Present, no measurable thickness.
- Purged + Sampled MW-28I (1020),
- Performed Rinse Blank RB-02 (1200) on RMT pump used by E. Vincke during week,
- Used interface probe on MW-30s, indication of product (sheen) present, no ~~[illegible]~~ thickness.
- Sampled MW-27s, filled two 1L Ambers + VOA bottles before well went dry, took inventory + cleaned while well recharged.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
Sampled MW-27s after dinner @ ~~[illegible]~~ 1900, filled 500 mL Pb bottle (filtered) + 1L clear plastic.	

COMMUNICATION

NAME		

Scott Pawlukiewicz 6/22/06
SIGNED DATE

[signature] 8/23/06
CHECKED BY DATE

RMT®

GENERAL NOTES

PROJECT NAME: L. E. Carpenter	DATE: 6/23/06	TIME ARRIVED: 0645
PROJECT NUMBER: 6527.18	AUTHOR: S. Pawlukiewicz &	TIME LEFT: 1330

WEATHER

TEMPERATURE: 75-80 °F WIND: 0-10 MPH VISIBILITY: CLEAR

WORK/SAMPLING PERFORMED

Arrive onsite, take water level at MW-27s for Recharge calc.
Sample MW-27s, Fill two 1L clear glass bottles. (0715)
Perform Rinse Blank on LEC pump (RB-03)(0745)
Used interface probe on MW-30s, indication of product. (0930)
Packed samples on ice, FedExed Empty cooler & RMT Equipment,
Met courier @ 1230, Return to Home Depot & Site to
secure MW 13s + 13I (Air Product) -

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN

COMMUNICATION

NAME		

Scott Pawlukiewicz 6/23/06
SIGNED DATE

CHECKED BY 8/23/06
DATE

REVISED 07/2005

RMT

WATER LEVEL DATA

PROJECT NAME:	L. E. Carpenter	DATE:	6/19/06
PROJECT NUMBER:	6527.18	AUTHOR:	S. Pawlukiewicz & E. Vincke

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-19	1514		8.85	16.58		
MW-19-1	1507		8.58			
MW-19-2	1509		9.23			
MW-19-3	1504		9.50			
MW-19-4	1459		8.19	16.02		
MW-19-5	1511		8.63	15.45		
MW-19-6	1519		9.82	19.56		
MW-19-7	1522		8.10	20.20		
MW-19-8	1524		8.47			
MW-19-9D	1521		8.52			
MW-19-10	1533		6.99			
MW-19-11	1526		6.92			
MW-19-12	1528		7.82	16.73		
GEI-2I	1516		10.26			
GEI-2S	1517		10.17			
GEI-3I	1440		12.45			
MW-15S	1406		10.10			
MW-15I	1404		9.99			
MW-18S	1540		4.85			
MW-18I	1541		4.35			
MW-17S	1342		7.72			
MW-12R	1336		7.80			
MW-9	1334		3.73			
MW-8	1329		2.95			
MW-25R	1308		2.25	9.69		
MW-21	1315		2.93			
MW-27S	1436		8.59	13.03		
MW-28S	1354		5.52	17.63		

MW-28I	1353		5.35	28.80		
MW-29S	1249		7.15	~~7.~~ + 14.58		
MW-30S	1302		2.68	12.09		
MW-30I	1300		2.66	18.10		
MW-30D	1251		2.70	27.14		
SW-D-1	1715		1.91	- Staff	1.35	
SW-D-2	1700		2.13	- Staff	1.15	
SW-D-3	1641		1.71	- Staff	= 1.6	
SW-R-1	1318		2.70			
SW-R-~~2~~3	1324		1.85			
SW-R-~~3~~4	1326		2.56			
SW-R-~~4~~2	1752		2.75			
SW-R-5	1441		1.77	- STAFF	= 1.6	
SW-R-6	1348		3.56			

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

SIGNED [signature] DATE 6/19/06

CHECKED [signature] DATE 8/23/06

56-R2		1339	2.80
MW-13S	6/20/06	1735	5.25
MW-13I	6/20/06	1738	4.42

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: QED MP20	SAMPLER: SP/EV
PROJECT NO.: 6527.18	SERIAL #: LEC	DATE: 6/20/06

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 240406	PH 4 / 10 (LOT NUMBER): 240849	TIME
6.91 / 7.00	5.50 /	0723
6.99 / 7.00	5.26 / Fail	1350
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 1403256	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
/ 1.489	22.25	1.412	0750
/ 1.420	27.02	1.412	1353
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
7.51	0754
6.74	1400

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #):	(LOT #):	TIME
0 - 1/1000	500	0734
0 - 1/100	511	0734
/	5 /	0735
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 60918663	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
/ 215	21.54	221	0752
/ 208	27.18	216	1358
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

Scott A. Paulsen 6/20/06
SIGNED DATE

CHECKED BY 8/23/06
DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME:	L. E. Carpenter	MODEL:	QED MP20	SAMPLER:	SP/EV
PROJECT NO.:	6527.18	SERIAL #:	LEC	DATE:	6/21/06

PH CALIBRATION CHECK

PH7 (LOT NUMBER): 2410406	PH4/10 (LOT NUMBER): 2408349	TIME
7.13 / 7.06	5.27 / FAIL	0642
7.31 / 7.00	4.42 / FAIL	1258
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 1403255	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
/ 1.424	19.84	1.412	0651
/ 1.394	34.38	1.412	1304
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
7.53	0653
8.62	1308

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT#)	(LOT#)	TIME
0-1000	499 /	0645
0-100	51 /	0645
0-110	6 /	0645
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 0041866 3	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
/ 213	19.33	229	0654
/ 204	34.25	204	1306
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

Scott Paulsing 6/21/06
SIGNED DATE

CHECKED BY 8/23/06
DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME: L. E. Carpenter	MODEL: QED MP 20	SAMPLER: EV ~~& JO~~
PROJECT NO.: 6527.18	SERIAL #: GRR	DATE: 6/21/06

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 2410406	PH 4 / 10 (LOT NUMBER): 2408349	TIME
8.58 / 7.00	3.89 / 4.00	0649
5.88 / 7.00	3.08 / 4.00	1257
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 1403255	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
1660 / 1412	19.89	1412	0723
1397 / 1412	34.74	1412	1302
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
10.10	0726
8.78	1308

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #):	(LOT #):	TIME
52 / 100	5 / 10	0651
53 / 100	5 / 10	1308
/	/	
/	/	

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 00418663	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
241 / 230	18.61	230	0647
196 / 205	34.34	205	1306
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

[signature] 6/21/06
SIGNED DATE

[signature] 8/23/06
CHECKED BY DATE

REVISED 07/2005

RMT

CALIBRATION LOG

PROJECT NAME:	L. E. Carpenter	MODEL:	QED MP20	SAMPLER:	SP/EV
PROJECT NO.:	6527.18	SERIAL #:	LEC	DATE:	6/22/06

PH CALIBRATION CHECK

PH 7 (LOT NUMBER): 2410406	PH 4/10 (LOT NUMBER): 3408347	TIME
6.87 / 7.00	5.21 / FAIL	0641
/	/	
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 1403255	TEMPERATURE (°CELSIUS)	CORRECTED CONDUCTIVITY (umhos/cm)	TIME
/ 1.416	18.68	1.412	0644
/			
/			
/			

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	TIME
7.55	0651

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (LOT #):	(LOT #):	TIME
0-1000	/ 499	0650
0-100	/ 51	0650
0-10	/	
/	/ 6	0651

OXIDATION / REDUCTION POTENTIAL CALIBRATION CHECK

CALIBRATION READING (LOT NUMBER): 0418663	TEMPERATURE (°CELSIUS)	CORRECTED ORP (mV)	TIME
/ 216	18.52	229	0649
/			
/			
/			

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

Scott Pawlik 6/22/06
SIGNED DATE

CHECKED BY 8/23/06
DATE

REVISED 07/2005

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/19/06	BY: [illegible]	DATE: 8/23/06

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

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

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 1630	DATE: 6/19/06
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC NA			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR:	ODOR:		FILTRATE (0.45 um) ☐ YES ☒ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

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

NA

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

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

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

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

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124287	SIGNATURE: [illegible]	DATE SIGNED: 6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/19/06	BY: [illegible]	DATE: 8/23/06

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

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

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 1650	DATE: 6/19/06
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR:	ODOR:		FILTRATE (0.45 um) ☒ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☒ DUP- 01		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

NA

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

NA

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

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

BOTTLES FILLED

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

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

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124287	SIGNATURE: [illegible]	DATE SIGNED: 6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/19/06	BY: [illegible]	DATE: 8/23/06

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

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

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 1710	DATE: 6/19/06
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS NA ☐ GALLONS			TEMPERATURE: °C	OTHER: NA	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR:	ODOR:		FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

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

NA

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

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

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

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

SHIPPING METHOD: LDS Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124287	SIGNATURE: Scott Pendley	DATE SIGNED: 6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/19/06	BY: [illegible]	DATE: 8/23/06

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

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

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 1745	DATE: 6/19/06

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

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

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

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

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

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

SHIPPING METHOD: LAB Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124287	SIGNATURE: Scott Bailey	DATE SIGNED: 6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE:	BY: [illegible]	DATE: 8/23/06

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

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

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 1755	DATE: 6/19/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☒ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

NA

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

NA

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

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

BOTTLES FILLED

PRESERVATIVE CODES

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3 ~~5~~	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	☐ Y ☑ N	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	☐ Y ☑ N	~~1~~		~~PLASTIC~~	~~F~~	☐ Y ☑ N
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	☐ Y ☑ N					☐ Y ☑ N

SHIPPING METHOD: Las Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0104287	SIGNATURE: Scott Pauletty	DATE SIGNED: 6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/19/06	BY: [illegible]	DATE: 8/23/06

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

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

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 1800	DATE: 6/19/06
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU NA		
DEPTH TO BOTTOM: T/ PVC NA			☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY		
WELL VOLUME: ☒ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☒ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☒ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

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

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

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

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

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

SHIPPING METHOD: Las Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124287	SIGNATURE: Scott Pauley	DATE SIGNED: 6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/19/06	BY: [illegible]	DATE: 6/22/06

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

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

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 1810	DATE: 6/19/06

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

NA

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

NA

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3 ~~5~~	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~A~~	☐ Y ☑ N	~~2~~	~~1 L~~	~~PLASTIC~~	~~A~~	☐ Y ☑ N
~~1~~	~~40 mL~~	~~VOA~~	~~C~~	☐ Y ☑ N	~~1~~		~~PLASTIC~~	~~F~~	☐ Y ☑ N
~~2~~	~~1 L~~	~~GLASS~~	~~C~~	☐ Y ☑ N					☐ Y ☑ N

SHIPPING METHOD:	Lab Pickup	DATE SHIPPED:	6/20/06	AIRBILL NUMBER:	NA
COC NUMBER:	0124287	SIGNATURE:	Scott [illegible]	DATE SIGNED:	6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/19/06	BY: [illegible]	DATE: 8/22/06

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

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

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 1830	DATE: 6/19/06

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

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

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

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

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

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

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124287	SIGNATURE: Scott Pauley	DATE SIGNED: 6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV	DATE: 6/19/06	BY: [illegible]	DATE: 8/23/06

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

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

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 1845	DATE: 6/19/06
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC NA			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

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

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

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

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

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

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124287	SIGNATURE: Scott Paulig	DATE SIGNED: 6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/20/06	BY: [illegible]	DATE: 6/23/06

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

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

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

PURGING	TIME: 0800	DATE: 6/20/06	SAMPLE	TIME: 0820	DATE: 6/20/06
PURGE METHOD: [X] PUMP QED BLADDER [ ] BAILER			PH: 7.53 SU	CONDUCTIVITY: 1.52 umhos/cm	
			ORP: 35 mv	DO: 6.61 mg/L	
DEPTH TO WATER: 8.86 T/ PVC (19.56-8.86)x.648			TURBIDITY: 5 NTU		
DEPTH TO BOTTOM: 19.56 T/ PVC			[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 6.93 [X] LITERS [ ] GALLONS			TEMPERATURE: 13.5 °C	OTHER:	
VOLUME REMOVED: 8 [X] LITERS [ ] GALLONS			COLOR: Clear, Brown Floaties	ODOR: No	
COLOR: Cloudy, Brown Floaties ODOR:			FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: 161			FILTRATE COLOR: Clr	FILTRATE ODOR: No	
[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [X] DUP- 02		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [ ] OTHER			COMMENTS: Alk: 125 CO_3: 23 Ferrous: 0.2		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GALLONS)
0800	400	7.14	1.475	102	6.16	161	15.50	8.86	INITIAL
0805	↓	7.54	1.51	51	7.12	22	13.68	8.86	2
0810		7.52	1.52	38	6.50	12	13.56	8.61	4
0815		7.51	1.52	34	6.60	6	13.51		6
0820		7.53	1.52	35	6.61	5	13.51		8
	✓								

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

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

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

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

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124286	SIGNATURE: Scott Poulsby	DATE SIGNED: 6/20/06

RMT

WATER SAMPLE LOG

		PREPARED		CHECKED	
PROJECT NAME:	L. E. Carpenter				
PROJECT NUMBER:	6527.18	BY: SP/EV	DATE: 6/20/06	BY: AC	DATE: 8/23/06

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

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

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 0845	DATE: 6/20/06
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

NA

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

NA

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

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

BOTTLES FILLED

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	125 mL	PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500 mL	PLASTIC	B	☐ Y ☑ N

SHIPPING METHOD:	LAB Pickup	DATE SHIPPED:	6/20/06	AIRBILL NUMBER:	NA
COC NUMBER:	0124286	SIGNATURE:	Scott Paulsen	DATE SIGNED:	6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/20/06	BY: [illegible]	DATE: 6/22/06

SAMPLE ID: MW-19-J

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

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

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

PURGING		SAMPLE	
TIME: 0940	DATE: 6/20/06	TIME: 1025	DATE: 6/20/06
PURGE METHOD: [X] PUMP QED BLADDER [ ] BAILER		PH: 7.41 SU	CONDUCTIVITY: 1284 umhos/cm
		ORP: -33 mv	DO: 3.87 mg/L
DEPTH TO WATER: 8.01 T/ PVC (20.20 - 8.01) x .649		TURBIDITY: 9 NTU	
DEPTH TO BOTTOM: 20.20 T/ PVC		[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY	
WELL VOLUME: 7.98 [ ] LITERS [ ] GALLONS		TEMPERATURE: 13.28 °C	OTHER:
VOLUME REMOVED: 18 [X] LITERS [ ] GALLONS		COLOR: CLR	ODOR: None
COLOR: Cloudy, RED FLOCKS ODOR: —		FILTRATE (0.45 um) [ ] YES [ ] NO	
TURBIDITY: 87		FILTRATE COLOR: CLR	FILTRATE ODOR: None
[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY		QC SAMPLE: [X] MS/MSD [ ] DUP-	
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [ ] OTHER		COMMENTS: ALK: 170 CO_2: 70 FERROUS: >10	

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GALLONS)
0940	400	7.28	1.41	34	4.18	87	15.31	8.01	INITIAL
0945	↓	7.26	1.454	8	4.25	65	13.49	8.01	2
0950		7.34	1.387	-6	4.00	47	13.36	8.01	4
0955		7.37	1.335	-22	3.64	32	13.37	8.01	6
1000		7.39	1.315	-25	3.36	25	13.38	8.01	8
1005		7.38	1.299	-15	3.64	20	13.40	8.01	10
1010		7.39	1.290	-22	4.02	17	13.32	8.01	12
1015		7.38	1.288	-26	4.16	16	13.34	8.01	14
1020		7.41	1.286	-30	3.80	12	13.37	8.01	16
1025		7.41	1.284	-33	3.87	9	13.28	8.01	18

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
10	40 mL	VOA	E	[ ] Y [✓] N	4	1 L	AMBER	F	[ ] Y [✓] N
2	40 mL	VOA	A	[ ] Y [✓] N	4	1 L	PLASTIC	A	[ ] Y [✓] N
2	40 mL	VOA	C	[ ] Y [✓] N	2	125 mL	PLASTIC	F	[ ] Y [✓] N
4	1 L	GLASS	C	[ ] Y [✓] N	2	500 mL	Plastic	B	[X] Y [✓] N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124286	SIGNATURE: [illegible]	DATE SIGNED: 6/20/06

RMT WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/20/06	BY: [illegible]	DATE: 8/23/06

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

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

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

PURGING	TIME: 1150	DATE: 6/20/06	SAMPLE	TIME: 1210	DATE: 6/20/06
PURGE METHOD:	[X] PUMP QED BLADDER [ ] BAILER		PH: 7.50 SU	CONDUCTIVITY: 0.327 umhos/cm	
			ORP: 36 mv	DO: 6.79 mg/L	
DEPTH TO WATER: 8.62 T/ PVC			TURBIDITY: 5 NTU		
DEPTH TO BOTTOM: 15.45 T/ PVC			[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 4.43 [ ] LITERS [ ] GALLONS			TEMPERATURE: 14.40 °C	OTHER:	
VOLUME REMOVED: 6 [X] LITERS [ ] GALLONS			COLOR: CLR	ODOR: None	
COLOR: Cloudy, white floaties ODOR: NO			FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: 52			FILTRATE COLOR: CLR	FILTRATE ODOR: No	
[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [ ] OTHER			COMMENTS: ALK: 90 CO_2: 27 FERROUS: 0.3		

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)
1150	300	7.46	0.344	30	6.70	52	19.72	8.62	INITIAL
1155		7.40	0.326	39	6.65	16	15.04	8.45	1.5
1200		7.47	0.323	36	6.72	8	14.46	8.45	3
1205		7.49	0.324	37	7.01	5	14.33	8.50	4.5
1210		7.50	0.327	36	6.79	5	14.40	8.50	6

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N
1	40 mL	VOA	C	[ ] Y [✓] N	1	125 mL	PLASTIC	F	[ ] Y [✓] N
2	1 L	GLASS	C	[ ] Y [✓] N	1	500 mL	PLASTIC	B	[X] Y [ ] N

SHIPPING METHOD: LAB Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124286	SIGNATURE: Scott Pawlitzky	DATE SIGNED: 6/20/06

RMT WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/20/06	BY: [illegible]	DATE: 8/23/06

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

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 1445	DATE: 6/20/06	SAMPLE	TIME: 1520	DATE: 6/20/06
PURGE METHOD:	☒ PUMP QED BLADDER ☐ BAILER		PH: 7.66 SU	CONDUCTIVITY: 0.905 umhos/cm	
			ORP: -43 mv	DO: 4.92 mg/L	
DEPTH TO WATER: 9.10 T/ PVC			TURBIDITY: 9 NTU		
DEPTH TO BOTTOM: 16.58 T/ PVC		18.48	☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ~~14.85~~ ☒ LITERS		☐ GALLONS	TEMPERATURE: 13.98 °C	OTHER:	
VOLUME REMOVED: 14 ☒ LITERS		☐ GALLONS	COLOR: Clear, black floaties	ODOR: Slight	
COLOR: Cloudy, Black floaties	ODOR: Slight		FILTRATE (0.45 um) ☒ YES ☐ NO		
TURBIDITY: 17	SHEEN IN 1st PURGE BUCKET.		FILTRATE COLOR: CLR	FILTRATE ODOR: Slight	
☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☒ DRUM ☐ OTHER			COMMENTS: Alk: 225 CO_2: 60 Ferrous: +10		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GALLONS)
1445	400	7.63	0.958	-11	5.02	17	16.41	9.10	INITIAL
1450	↓	7.68	0.954	-21	4.81	14	14.25	9.00	2
1455	↓	7.67	0.934	-26	4.85	10	14.05	9.00	4
1500	↓	7.66	0.923	-32	4.86	9	14.05	9.00	6
1505	↓	7.64	0.916	-37	4.87	8	14.06	9.00	8
1510	↓	7.66	0.909	-40	4.91	8	14.00	9.00	10
1515	↓	7.65	0.904	-43	4.95	8	14.03	9.03	12
1520	✓	7.66	0.905	-43	4.92	9	13.98	9.03	14

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	125	PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500 mL	PLASTIC	B	☒ Y ~~☐ N~~

SHIPPING METHOD: LAB Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124286	SIGNATURE: [illegible]	DATE SIGNED: 6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV	DATE: 6/20/06	BY: [illegible]	DATE: 6/23/06

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

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

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 6/20/06	DATE: 1555
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 NA ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

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

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

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

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

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

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124286	SIGNATURE: Scott Pauley	DATE SIGNED: 6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV	DATE: 6/20/06	BY: AC	DATE: 8/23/06

SAMPLE ID: DRC-1	WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER NA
WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA	
SAMPLE TYPE: ☐ GW ☐ WW ☒ SW ☐ DI ☐ LEACHATE ☐ OTHER	

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 1615	DATE: 6/20/06
PURGE METHOD:	☐ PUMP ☐ BAILER		PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☒ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

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

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

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

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

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

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/20/06	AIRBILL NUMBER: NA
COC NUMBER: 0124286	SIGNATURE: [signature]	DATE SIGNED: 6/20/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED:		CHECKED:	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/21/06	BY: AC	DATE: 8/23/06

SAMPLE ID: MW-25 R

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

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

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

PURGING	TIME: 0758	DATE: 6/21/06	SAMPLE	TIME: 0833	DATE: 6/21/06
PURGE METHOD: [X] PUMP [ ] BAILER	QED Bladder		PH: 6.77 SU	CONDUCTIVITY: 620 umhos/cm	
			ORP: -162 mv	DO: 0.47 mg/L	
DEPTH TO WATER: 2.14 T/ PVC			TURBIDITY: 9 NTU		
DEPTH TO BOTTOM: 9.69 T/ PVC			[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 4.89 [X] LITERS [ ] GALLONS			TEMPERATURE: 14.74 °C	OTHER:	
VOLUME REMOVED: 14.0 [X] LITERS [ ] GALLONS			COLOR: CLR	ODOR: None	
COLOR: Cloudy	ODOR: None		FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: Slight			FILTRATE COLOR: CLR	FILTRATE ODOR: None	
[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY			QC SAMPLE: [ ] MS/MSD [X] DUP- 03		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [ ] OTHER			COMMENTS: Ferrous = 3.5 ppm, CO_2 = 17 ppm, Alk = 75 ppm		

TIME	PURGE RATE (ML/MIN)	pH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GALLONS)
0758	400	6.04	610	-10	4.22	258	15.54	2.14	INITIAL
0803	↓	9.18	606	-115	1.90	97	14.27	2.32	2.0
0808		9.47	606	-117	1.59	62	14.32	2.35	4.0
0813		7.95	607	-116	0.53	33	14.52	2.38	6.0
0818		7.15	609	-109	0.50	20	14.67	2.43	8.0
0823		6.81	612	-106	0.47	10	14.71	2.49	10.0
0828		6.79	616	-101	0.46	13	14.73	2.51	12.0
0833		6.77	620	-102	0.47	9	14.74	2.52	14.0

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
~~5~~ 10	40 mL	VOA	E	[ ] Y [✓] N	~~2~~ 4	1 L	AMBER	F	[ ] Y [✓] N
~~1~~ 2	40 mL	VOA	A	[ ] Y [✓] N	~~2~~ 4	1 L	PLASTIC	A	[ ] Y [✓] N
~~1~~ 2	40 mL	VOA	C	[ ] Y [✓] N	~~1~~ 2	125mL	PLASTIC	F	[ ] Y [✓] N
~~1~~ 4	1 L	GLASS	C	[ ] Y [✓] N	2	500 ml	Plastic	B	[X] Y [✓] N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/21/06	AIRBILL NUMBER: NA
COC NUMBER: 0124288	SIGNATURE: [signature]	DATE SIGNED: 6/21/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/21/06	BY: [illegible]	DATE: 8/23/06

SAMPLE ID: MW-19-11 WELL DIAMETER: ☐ 2" ☒ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 0810	DATE: 6/21/06	SAMPLE	TIME: 0955	DATE: 6/21/06
PURGE METHOD:	☒ PUMP QED BLADDER ☐ BAILER		PH: 7.74 SU	CONDUCTIVITY: 1.442 umhos/cm	
			ORP: 116 mv	DO: 6.53 mg/L	
DEPTH TO WATER: 8.19 T/ PVC			TURBIDITY: 22 NTU		
DEPTH TO BOTTOM: 16.02 T/ PVC			☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY		
19.35 WELL VOLUME: ~~5.07~~ ☒ LITERS ☐ GALLONS			TEMPERATURE: 13.93 °C	OTHER:	
VOLUME REMOVED: 42 ☒ LITERS ☐ GALLONS			COLOR: CLEAR	ODOR: NONE	
COLOR: Cloudy Brown, Red Flakes ODOR: None			FILTRATE (0.45 um) ☒ YES ☐ NO		
TURBIDITY: 200			FILTRATE COLOR: CLR	FILTRATE ODOR: None	
☐ NONE ☐ SLIGHT ☐ MODERATE ☒ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS: Alk: 100 CO_2: 17 Ferrous: 0.2		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GALLONS)
0810	400	7.53	1.359	207	4.85	200	14.88	8.19	INITIAL
0815	↓	7.65	1.496	194	5.76	190	13.72	8.50	2
0820		7.66	1.490	183	6.21	175	13.77	8.50	4
0825		7.68	1.486	175	6.22	135	13.83	8.50	6
0830		7.70	1.482	169	6.45	122	13.83	8.40	8
0835		7.69	1.476	162	6.61	103	13.96	8.40	10
0840		7.70	1.474	160	6.78	106	13.98	8.40	12
0845		7.70	1.468	162	6.74	78	13.91	8.40	14
0850		7.71	1.465	151	6.71	68	13.90	8.40	16
0855		7.72	1.463	147	6.62	63	13.95	8.40	18

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	125 mL	PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500 mL	Plastic	B	☒ Y ☐ N

SHIPPING METHOD: LAB Pickup	DATE SHIPPED: 6/21/06	AIRBILL NUMBER: NA
COC NUMBER: 0124288	SIGNATURE: Scott Paulsen	DATE SIGNED: 6/21/06

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/21/06	BY: [illegible]	DATE: 8/23/06

SAMPLE ID: MW-19-4

TIME	PURGE RATE (ML/MIN)	pH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GALLON L)
0900		7.74	1.460	142	6.71	56	13.99	8.40	20
0905		7.73	1.457	138	6.59	54	13.82		22
0910		7.74	1.454	137	6.51	52	13.88		24
0915		7.72	1.452	132	6.47	48	13.95		26
0920		7.74	1.448	130	6.43	41	13.93		28
0925		7.74	1.446	128	6.41	37	13.94		30
0930		7.73	1.447	126	6.49	33	13.98		32
0935		7.74	1.446	122	6.50	29	13.95		34
0940		7.73	1.444	121	6.48	29	13.90		36
0945		7.75	1.442	119	6.47	24	13.80		38
0950		7.72	1.443	117	6.52	22	13.93		40
0955		7.74	1.442	116	6.53	22	13.93		42

SIGNATURE: Scott Paulsing

DATE SIGNED: 6/21/06

REVISED 07/2005

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED:		CHECKED:	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/21/06	BY: JK	DATE: 8/23/06

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

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

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

PURGING	TIME: 1002	DATE: 6/21/06	SAMPLE	TIME: 1047	DATE: 6/21/06
PURGE METHOD:	[X] PUMP QED Bladder / [ ] BAILER		PH: 5.35 SU	CONDUCTIVITY: 449 umhos/cm	
			ORP: -131 mv	DO: 0.30 mg/L	
DEPTH TO WATER: 2.74 T/ PVC			TURBIDITY: 10 NTU		
DEPTH TO BOTTOM: 27.14 T/ PVC			[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY		
WELL VOLUME: 16.11 [X] LITERS [ ] GALLONS			TEMPERATURE: 14.45 °C	OTHER: –	
VOLUME REMOVED: 18 [X] LITERS [ ] GALLONS			COLOR: clear	ODOR: none	
COLOR: tan Cloudy	ODOR: None		FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: V. Turb			FILTRATE COLOR: clear	FILTRATE ODOR: none	
[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [ ] OTHER			COMMENTS: 2 ppm Ferrous, 30 ppm CO_2, 100 ppm = Alk		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	DO (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1002	400	9.13	395	-2	4.63	972	17.88	2.74	INITIAL
1007		11.25	405	-52	1.45	600	14.82	2.74	2.0
1012		8.46	438	-107	0.89	173	14.81	2.74	4.0
1017		6.87	441	-113	0.74	83	14.79	2.74	6.0
1022		6.43	442	-120	0.66	67	14.85	2.74	8.0
1027		5.79	444	-126	0.54	39	14.72	2.74	10.0
1032		5.49	446	-127	0.47	28	14.71	2.74	12.0
1037	5.37	5.37	448	-130	0.43	24	14.74	2.74	14.0
1042		5.32	448	-128	0.34	19	14.44	2.74	16.0
1047		5.35	449	-131	0.30	10	14.45	2.74	18.0

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N
1	40 mL	VOA	C	[ ] Y [✓] N	1	125 mL	PLASTIC	F	[ ] Y [✓] N
2	1 L	GLASS	C	[ ] Y [✓] N	1	500 mL	Plastic	B	[X] Y [✓] N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/21/06	AIRBILL NUMBER: NA
COC NUMBER: 0124288	SIGNATURE: [signature]	DATE SIGNED: 6/21/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/21/06	BY: AC	DATE: 8/23/06

SAMPLE ID: MW-29S WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING		SAMPLE	
TIME: 1320	DATE: 6/21/06	TIME: 1410	DATE: 6/21/06
PURGE METHOD: ☒ PUMP QED BLADDER ☐ BAILER		PH: 7.32 SU	CONDUCTIVITY: 1.021 umhos/cm
		ORP: -32 mv	DO: 3.63 mg/L
DEPTH TO WATER: 7.20 T/ PVC		TURBIDITY: 68 NTU	
DEPTH TO BOTTOM: 14.58 T/ PVC		☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY	
WELL VOLUME: 4.78 ☐ LITERS ☐ GALLONS		TEMPERATURE: 18.45 °C	OTHER:
VOLUME REMOVED: 20 ☒ LITERS ☐ GALLONS		COLOR: Cloudy	ODOR: NO
COLOR: Clear	ODOR: NO	FILTRATE (0.45 um) ☒ YES ☐ NO	
TURBIDITY: 43		FILTRATE COLOR: Clear	FILTRATE ODOR: NONE
☐ NONE ☒ SLIGHT ☐ MODERATE ☐ VERY		QC SAMPLE: ☐ MS/MSD ☐ DUP-	
DISPOSAL METHOD: ☐ GROUND ☒ DRUM ☐ OTHER		COMMENTS: ALK: 260 CO_2: 95 FERROUS: +10	

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)
1320	400	7.18	1.057	189	3.22	43	21.99	7.20	INITIAL
1325	↓	7.28	1.062	90	2.79	39	18.43	7.25	2
1330		7.29	1.059	46	3.04	43	18.26	7.25	4
1335		7.26	1.056	2	3.03	47	18.68	7.25	6
1340		7.29	1.050	-9	3.27	47	18.26	7.25	8
1345		7.30	1.041	-24	3.80	77	18.01	7.25	10
1350	✓	7.32	1.034	-29	3.93	82	17.84	7.25	12
1355		7.32	1.030	-32	3.73	77	18.00	7.25	14
1400		7.30	1.028	-32	3.60	71	18.15	7.25	16
1405		7.30	1.023	-29	3.61	71	18.37	7.25	18

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	125	PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500 mL	Plastic	B	☒ Y ~~☑ N~~

SHIPPING METHOD: LAB Pickup	DATE SHIPPED: 6/21/06	AIRBILL NUMBER: NA	
COC NUMBER: 0124288	SIGNATURE: Scott Poulin	DATE SIGNED: 6/21/06	

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME:	L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER:	6527.18	BY: SP/EV	DATE: 6/21/06	BY: [illegible]	DATE: 8/03/06

SAMPLE ID: MW-29S

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)
1410	400	7.32	1.021	-32	3.63	68	18.45	7.25	20

SIGNATURE: Scott Pankratz

DATE SIGNED: 6/21/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/21/06	BY: AC	DATE: 8/23/06

SAMPLE ID: MW-30I

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

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

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

PURGING	TIME: 1327	DATE: 6/21/06	SAMPLE	TIME: 1412	DATE: 6/21/06

PURGE METHOD: [X] PUMP QED Bladder [ ] BAILER

PH: 7.70 SU CONDUCTIVITY: 687 umhos/cm

ORP: -194 mv DO: 0.33 mg/L

DEPTH TO WATER: 2.70 T/ PVC

DEPTH TO BOTTOM: 18.10 T/ PVC

TURBIDITY: 8 NTU

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

WELL VOLUME: 9.98 [X] LITERS [ ] GALLONS

TEMPERATURE: 15.22 °C OTHER:

VOLUME REMOVED: 18.0 [ ] LITERS [ ] GALLONS

COLOR: CLR ODOR: None

COLOR: CLR ODOR: None

FILTRATE (0.45 um) [ ] YES [ ] NO

TURBIDITY: None

FILTRATE COLOR: CLR FILTRATE ODOR: None

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

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

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

COMMENTS: 5.5 ppm ferrous, 75ppm Alk, 19ppm CO_2

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1327	400	10.45	695	-110	3.16	12	16.27	2.70	INITIAL
1332		10.27	698	-159	0.97	39	15.58	2.82	2.0
1337		9.00	698	-186	0.78	25	15.22	2.82	4.0
1342		8.46	697	-191	0.67	21	15.17	2.82	6.0
1347		8.27	694	-192	0.61	16	15.05	2.82	8.0
1352		8.47	692	-193	0.52	12	14.91	2.82	10.0
1357		8.38	691	-193	0.44	11	15.01	2.82	12.0
1402		7.76	689	-193	0.40	9	15.00	2.82	14.0
1407		7.78	688	-193	0.36	8	14.98	2.82	16.0
1412		7.70	687	-194	0.33	8	15.22	2.82	18.0

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

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

BOTTLES FILLED

PRESERVATIVE CODES

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N
1	40 mL	VOA	C	[ ] Y [✓] N	1	125 mL	PLASTIC	F	[ ] Y [✓] N
2	1 L	GLASS	C	[ ] Y [✓] N	1	500 mL	PL	B	[X] Y [✓] N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/21/06	AIRBILL NUMBER: NA
COC NUMBER: 0124288	SIGNATURE: [signature]	DATE SIGNED: 6/21/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/21/06	BY: 8/23/06	DATE: NC

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

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

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

PURGING	TIME: 1450	DATE: 6/21/06	SAMPLE	TIME: 1540	DATE: 6/21/06

PURGE METHOD: [X] PUMP QED Bladder [ ] BAILER

PH: 6.76 SU — CONDUCTIVITY: 672 umhos/cm

ORP: -180 mv — DO: 0.14 mg/L

DEPTH TO WATER: 2.73 T/ PVC

DEPTH TO BOTTOM: 12.09 T/ PVC

TURBIDITY: 34 NTU

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

WELL VOLUME: 6.06 [X] LITERS [ ] GALLONS

TEMPERATURE: 16.81 °C — OTHER:

VOLUME REMOVED: 20 [X] LITERS [ ] GALLONS

COLOR: Cloudy — ODOR: Slight

COLOR: Brn Cloudy — ODOR: Slight

FILTRATE (0.45 um) [ ] YES [ ] NO

TURBIDITY: Turb

FILTRATE COLOR: Clr — FILTRATE ODOR: Slight

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

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

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

COMMENTS: ferrous = 210 ppm CO_2 = 14 ppm Alk = 78 ppm very slight sheen in purge H_2O.

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)
1450	400	8.39	625	-233	2.60	441	21.99	2.73	INITIAL
1455		7.41	654	-197	0.36	528	17.34	2.79	2.0
1500		7.26	658	-192	0.37	427	17.22	2.80	4.0
1505		7.16	659	-192	0.35	314	17.13	2.80	6.0
1510		7.10	663	-187	0.31	126	17.15	2.80	8.0
1515		6.92	666	-182	0.23	60	16.98	2.80	10.0
1520		6.77	667	-181	0.21	50	16.81	2.80	12.0
1525		6.80	670	-180	0.18	37	16.86	2.80	14.0
1530		6.81	671	-179	0.17	33	16.80	2.80	16.0
1535		6.76	671	-180	0.15	32	16.84	2.80	18.0

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N
1	40 mL	VOA	C	[ ] Y [✓] N	1	125mL	PLASTIC	F	[ ] Y [✓] N
2	1 L	GLASS	C	[ ] Y [✓] N	1	500mL	PL	B	[X] Y [✓] N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/21/06	AIRBILL NUMBER: NA
COC NUMBER: 0124288	SIGNATURE: [signature]	DATE SIGNED: 6/21/06

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV [redacted]	DATE: 6/21/06	BY: [illegible]	DATE: 8/23/06

SAMPLE ID: MW-30S

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1540	400	6.76	672	-180	0.14	34	16.81	2.80	20.0

SIGNATURE: [illegible] 6/21/06

DATE SIGNED: _____

REVISED 07/2005

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/21/06	BY: [illegible]	DATE: 8/23/06

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

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING		SAMPLE	
TIME: 1545	DATE: 6/21/06	TIME: 1630	DATE: 6/21/06
PURGE METHOD: ☒ PUMP QED Bladder ☐ BAILER		PH: 7.29 SU	CONDUCTIVITY: 1.046 umhos/cm
		ORP: -33 mv	DO: 0.99 mg/L
DEPTH TO WATER: 7.96 T/ PVC		TURBIDITY: 9 NTU	
DEPTH TO BOTTOM: 16.73 T/ PVC		☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY	
WELL VOLUME: 5.68 ☒ LITERS ☐ GALLONS		TEMPERATURE: 16.06 °C	OTHER:
VOLUME REMOVED: 18 ☒ LITERS ☐ GALLONS		COLOR: Clear	ODOR: No
COLOR: Clear	ODOR: No	FILTRATE (0.45 um) ☒ YES ☐ NO	
TURBIDITY: 129		FILTRATE COLOR: Clear	FILTRATE ODOR: None
☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY		QC SAMPLE: ☐ MS/MSD ☐ DUP-	
DISPOSAL METHOD: ☐ GROUND ☒ DRUM ☐ OTHER		COMMENTS: Alk: 120 CO_2: 100 Ferrous: 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 (GALLONS)
1545	400	7.38	0.987	8	3.83	121	16.57	7.96	INITIAL
1550	↓	7.29	0.994	-9	2.83	101	16.41	7.90	2
1555		7.26	1.000	-19	1.87	71	16.26	7.90	4
1600		7.27	1.007	-24	0.80	49	16.28	7.90	6
1605		7.27	1.013	-27	0.85	38	16.23	7.90	8
1610		7.29	1.023	-28	0.89	27	16.20	7.90	10
1615		7.27	1.029	-30	0.93	22	16.15	7.90	12
1620		7.27	1.038	-31	0.95	16	16.21	7.90	14
1625		7.29	1.042	-32	0.98	13	16.03	7.90	16
1630		7.29	1.046	-33	0.99	9	16.06	7.90	18

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	125	PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500 mL	Plastic	B	☒ Y ☐ N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/21/06	AIRBILL NUMBER: NA
COC NUMBER: 0124288	SIGNATURE: [illegible]	DATE SIGNED: 6/21/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED:		CHECKED:	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/21/06	BY: [illegible]	DATE: 8/10/06

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

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

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

PURGING		SAMPLE	
TIME: 1653	DATE: 6/21/06	TIME: 1753	DATE: 6/21/06
PURGE METHOD: [X] PUMP DED Bladder [ ] BAILER		PH: 7.69 SU	CONDUCTIVITY: 687 umhos/cm
		ORP: -478 mv	DO: 0.11 mg/L
DEPTH TO WATER: 5.60 T/ PVC		TURBIDITY: 12 NTU	
DEPTH TO BOTTOM: 17.63 T/ PVC		[X] NONE [ ] SLIGHT [ ] MODERATE [ ] VERY	
WELL VOLUME: 7.80 [X] LITERS [ ] GALLONS		TEMPERATURE: 14.38 °C	OTHER:
VOLUME REMOVED: 24.0 [X] LITERS [ ] GALLONS		COLOR: CLR	ODOR: V. Slight
COLOR: Greenish Brn Cloudy ODOR: V. Slight		FILTRATE (0.45 um) [ ] YES [ ] NO	
TURBIDITY: Turb.		FILTRATE COLOR: CLR	FILTRATE ODOR: V. Slight
[ ] NONE [ ] SLIGHT [X] MODERATE [ ] VERY		QC SAMPLE: [ ] MS/MSD [ ] DUP-	
DISPOSAL METHOD: [ ] GROUND [ ] DRUM [ ] OTHER		COMMENTS: Ferrous = >10 ppm, CO_2 = 37 ppm, ALK = 82 ppm	

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GALLONS)
1653	400	11.30	930	-227	1.55	670	17.70	5.60	INITIAL
1658		9.58	620	-272	0.76	241	15.22	5.60	2.0
1703		8.97	635	-420	0.49	97	14.93	5.60	4.0
1708		8.53	643	-447	0.33	52	14.92	5.60	6.0
1713		8.29	650	-454	0.25	29	14.71	5.60	8.0
1718		8.02	663	-458	0.19	24	14.63	5.60	10.0
1723		7.88	671	-464	0.16	20	14.63	5.60	12.0
1728		7.83	674	-474	0.15	16	14.56	5.60	14.0
1733		7.83	679	-480	0.14	21	14.52	5.60	16.0
1738		7.74	684	-485	0.12	19	14.53	5.60	18.0

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

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

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

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

SHIPPING METHOD: FEDEX	DATE SHIPPED: 6/21/06	AIRBILL NUMBER:
COC NUMBER: 0124289	SIGNATURE: [illegible]	DATE SIGNED: 6/21/06

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: EV & ~~MC~~	DATE: 6/21/06	BY: [illegible]	DATE: 8/23/06

SAMPLE ID: MW-28S

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)
1743	400	7.75	684	-481	0.12	13	14.52	5.60	20.0
1748	|	7.71	685	-480	0.12	13	14.45	5.60	22.0
1753	|	7.69	687	-478	0.12	12	14.38	5.60	24.0

SIGNATURE: [signature] DATE SIGNED: 6/21/06

REVISED 07/2005

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/21/06	BY: [illegible]	DATE: 8/23/06

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

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

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 1810	DATE: 6/21/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☐ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

NA

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

NA

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

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

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

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

SHIPPING METHOD: FedEx	DATE SHIPPED: 6/21/06	AIRBILL NUMBER:
COC NUMBER: 0124289	SIGNATURE: Scott Pauley	DATE SIGNED: 6/21/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/22/06	BY: AC DATE: 8/23/06

SAMPLE ID: MW-28I — WELL DIAMETER: ☒ 2" ☐ 4" ☐ 6" ☐ OTHER

WELL MATERIAL: ☐ PVC ☒ SS ☐ IRON ☐ OTHER

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

PURGING	TIME: 0940	DATE: 6/22/06	SAMPLE	TIME: 1020	DATE: 6/22/06

PURGE METHOD: ☒ PUMP QED BLADDER ☐ BAILER

DEPTH TO WATER: 5.45 T/ PVC

DEPTH TO BOTTOM: 22.80 T/ PVC

WELL VOLUME: 11.24 ☒ LITERS ☐ GALLONS

VOLUME REMOVED: 16 ☒ LITERS ☐ GALLONS

COLOR: Cloudy ODOR: NO

TURBIDITY: 112

☐ NONE ☐ SLIGHT ☒ MODERATE ☐ VERY

DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER

PH: 7.88 SU — CONDUCTIVITY: 0.756 umhos/cm

ORP: -126 mv — DO: 0.23 mg/L

TURBIDITY: 8 NTU

☒ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY

TEMPERATURE: 15.00 °C — OTHER: —

COLOR: Clear — ODOR: NO

FILTRATE (0.45 um) ☒ YES ☐ NO

FILTRATE COLOR: Clear — FILTRATE ODOR: Clear

QC SAMPLE: ☐ MS/MSD ☐ DUP-

COMMENTS: Alk: 835 CO_2: ~~<10~~ 28 Ferrous: >10

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	DO (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL/GRL)
0940	400	7.89	0.734	-11	1.42	112	14.96	5.45	INITIAL
0945	↓	7.88	0.745	-45	0.84	54	14.79	5.45	2
0950	↓	7.87	0.750	-78	0.50	33	14.81	5.46	4
0955	↓	7.84	0.754	-94	0.71	19	14.79	5.45	6
1000		7.85	0.754	-103	0.45	16	14.74	5.45	8
1005		7.86	0.755	-114	0.30	16	14.76	5.45	10
1010		7.87	0.757	-118	0.27	8	14.83	5.45	12
1015		7.89	0.756	-122	0.24	8	14.95	5.45	14
1020		7.88	0.756	-126	0.23	8	15.00	5.45	16

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	125 mL	PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500 mL	Plastic	B	☒ Y ~~N~~

SHIPPING METHOD:	Log Pickup	DATE SHIPPED:	6/22/03	AIRBILL NUMBER:	NA
COC NUMBER:	0124290	SIGNATURE:	Janet Pawlik	DATE SIGNED:	6/22/06

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/22/06	BY: [illegible]	DATE: 8/23/06

SAMPLE ID: RB-02	WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER
WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER NA – RMT PUMP (USED by E. VINCKE)	
SAMPLE TYPE: ☐ GW ☐ WW ☐ SW ☒ DI ☐ LEACHATE ☐ OTHER	

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 1200	DATE: 6/22/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY		
WELL VOLUME: ☐ LITERS ☒ GALLONS NA			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☒ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

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

NA

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	125 mL	PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500 mL	Plastic	B	☐ Y ☒ N

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/22/06	AIRBILL NUMBER: —
COC NUMBER: 0124290	SIGNATURE: [illegible]	DATE SIGNED: 6/22/06

Ex 1576

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED	CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV DATE: 6/21/06	BY: DC	DATE: 8/23/06

SAMPLE ID: MW-27S WELL DIAMETER: [X] 2" [ ] 4" [ ] 6" [ ] OTHER

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

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

PURGING	TIME: 1845	DATE: 6/21/06	SAMPLE	TIME: VARIES	DATE: VARIES
PURGE METHOD:	[X] PUMP QED BLADDER [ ] BAILER		PH: 7.74 SU	CONDUCTIVITY: 933 umhos/cm	
			ORP: 183 mv	DO: 1.66 mg/L	
DEPTH TO WATER: 7.48 T/ PVC			TURBIDITY: 7000 NTU		
DEPTH TO BOTTOM: 13.03 T/ PVC			[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY		
WELL VOLUME: 3.60 [X] LITERS [ ] GALLONS			TEMPERATURE: 16.65 °C	OTHER:	
VOLUME REMOVED: 3.60 [X] LITERS [ ] GALLONS			COLOR: Cloudy	ODOR: No	
COLOR: Cloudy	ODOR: NO		FILTRATE (0.45 um) [X] YES [ ] NO		
TURBIDITY: 261			FILTRATE COLOR: clr	FILTRATE ODOR: No	FILTERED samples
[ ] NONE [ ] SLIGHT [ ] MODERATE [X] VERY			QC SAMPLE: [ ] MS/MSD [ ] DUP-		
DISPOSAL METHOD: [ ] GROUND [X] DRUM [ ] OTHER			COMMENTS: Alk: 80 CO2: <10 FERROUS: 0		

TIME	PURGE RATE (ML/MIN)	pH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	DO (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1845	300	7.62	0.904	82	3.62	261	22.39	7.48	INITIAL
1850		7.47	0.993	-31	1.91	+1000	16.81	DRY	1.5 -DRY-
									3
6/22/06 ~~0715~~								9.26	
0720	100	—	—	—	—	—	—	9.26	Cup not full
0725	100							9.49	
0730	100	7.68	0931	191	1.39	+1000	16.32	9.90	"Dry"
Pump shutoff → 0735	100	7.74	0933	183	1.66	+1000	16.65	10.40	Pump Hit Pump

TOKON @

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
5	40 mL	VOA	E	[ ] Y [✓] N	2	1 L	AMBER	F	[ ] Y [✓] N	1250
1	40 mL	VOA	A	[ ] Y [✓] N	2	1 L	PLASTIC	A	[ ] Y [✓] N	ONE @ 1900
1	40 mL	VOA	C	[ ] Y [✓] N	1	125 mL	PLASTIC	F	[ ] Y [✓] N	1250
2	1 L	GLASS	C	[ ] Y [✓] N	1	500 mL	Plastic	B	[X] Y ~~[ ] N~~	1900

1250 1250 1250

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/23/06	AIRBILL NUMBER: NA			
COC NUMBER: 0124290 0127228	SIGNATURE: Jean Pauley	DATE SIGNED: 6/23/06			

6/23 0715

Recharge Rate ?

RMT

WATER SAMPLE LOG

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/23/06	BY: [illegible]	DATE: 8/03/06

SAMPLE ID: RB-03 WELL DIAMETER: ☐ 2" ☐ 4" ☐ 6" ☒ OTHER LEC Pump (Used by Scott)

WELL MATERIAL: ☐ PVC ☐ SS ☐ IRON ☒ OTHER

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

PURGING	TIME: —	DATE: —	SAMPLE	TIME: 0745	DATE: 6/23/06
PURGE METHOD: ☐ PUMP ☐ BAILER			PH: SU	CONDUCTIVITY: umhos/cm	
			ORP: mv	DO: mg/L	
DEPTH TO WATER: T/ PVC			TURBIDITY: NTU		
DEPTH TO BOTTOM: T/ PVC			☐ NONE ☐ SLIGHT ☐ MODERATE ☒ VERY		
WELL VOLUME: ☒ LITERS ☐ GALLONS			TEMPERATURE: °C	OTHER:	
VOLUME REMOVED: ☐ LITERS ☐ GALLONS			COLOR:	ODOR:	
COLOR: ODOR:			FILTRATE (0.45 um) ☐ YES ☒ NO		
TURBIDITY:			FILTRATE COLOR:	FILTRATE ODOR:	
☐ NONE ☐ SLIGHT ☐ MODERATE ☐ VERY			QC SAMPLE: ☐ MS/MSD ☐ DUP-		
DISPOSAL METHOD: ☐ GROUND ☐ DRUM ☐ OTHER			COMMENTS:		

NA

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

NA

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

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

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

NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
5	40 mL	VOA	E	☐ Y ☑ N	2	1 L	AMBER	F	☐ Y ☑ N
1	40 mL	VOA	A	☐ Y ☑ N	2	1 L	PLASTIC	A	☐ Y ☑ N
1	40 mL	VOA	C	☐ Y ☑ N	1	125 mL	PLASTIC	F	☐ Y ☑ N
2	1 L	GLASS	C	☐ Y ☑ N	1	500 mL	Plastic	B	☒ Y ~~☐ N~~

SHIPPING METHOD: Lab Pickup	DATE SHIPPED: 6/23/06	AIRBILL NUMBER: NA
COC NUMBER: 0127228	SIGNATURE: [illegible]	DATE SIGNED: 6/23/06

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: L. E. Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 6527.18	BY: SP/EV	DATE: 6/22/06	BY: [illegible]	DATE: 8/23/06

DEPTH TO BOTTOM = 13.03

SAMPLE ID: MW-27S

RECHARGE CALC.

8:59

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)
0800								10.85	
				13.03 - WL	×	(AREA) 0.021817	vol.	vol.	
TIME	ELAPSED TIME (min)	(hr)	WATER LEVEL (FT)	DEPTH (FT)		VOLUME (FT³)	(gal)	(L)	Rchg
6/22 0800			10.86	2.17		0.04734	0.354	1.34 ~~10.85~~	
0838	38	0.633	~~10.85~~ 10.66	2.37		0.0517	0.3868	1.464 ~~10.66~~	0.0518 gal/hr = 0.196 L/hr
0913	35	0.583	10.57	2.46		0.0537	0.4015	1.521 ~~10.57~~	0.0252 gal/hr
1105			10.36						
1238			10.23						
SAMPLED w/PUMP			w/PUMP						
1310			11.7						
w/PUMP 1345			11.60						
1640			11.75						
.104 L/hr 1824			11.47						
SAMPLED Pb + 1850			11.41						
1927			12.30						
3/4 6/23 0655			10.62						
		2.077 L							
		2.077 L							
								4.74	L/DAY

1 ft³ = 28.3168 L
1 ft³ = 7.4805 gal
1 gal = 3.785

SIGNATURE: Scott Pankiewicz

DATE SIGNED: 6/28/06

REVISED 07/2005

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 0124287

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

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

For Lab Use Only
FSC:
SCR #:

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	(4) Matrix: Soil	Potable (check if applicable) / NPDES (check if applicable) / Water	Other	Total # of Containers	(5) Analyses Requested: BTEX (EPA 602)	Base Neutrals								Remarks	(6) Temperature of samples upon receipt (if requested)
SW-D-3	6/19/06	1630	X			X		5	X	X									
SW-D-2		1650																	
SW-D-1		1710																	
SW-R-1		1745																	
SW-R-2		1755																	
SW-R-3		1800																	
SW-R-4		1810																	
SW-R-5		1830																	
SW-R-6		1845																	
DUP-01	6/19/06	—	X			X		5	X	X									

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

(8) **Data Package Options** (please circle if required)
QC Summary Type VI (Raw Data)
Type I (Tier I) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)

SDG Complete? Yes No
Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6/20/06	1700	[signature]	6/20/06	1700
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 0124286

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

(1)

Client: RMT Inc Acct. #: _____

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

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

Sampler: Scott Pawlukiewicz Quote #: _____

Name of state where samples were collected: NJ

For Lab Use Only
FSC: _____
SCR #: 29200

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Other	Total # of Containers	Total P	Sulfate, TDS, TSS	Diss. Pb	Ammonia Nitrogen	HPC	Base Neutrals	Nitrate Nitrogen	Nitrite Nitrogen	BTEX (EPA 602) Volatile Headspace Hydrocarbon	Remarks
TB-01	—	—	—	—		X		2									X	TB BTEX Only
ATM-01	6/20/06	0845	X			X		15	X	X	O	X	X	X	X	X	X	O = Total Pb on ATM-01
DUP-02	6/20/06	—	X			X		15	X	X	X	X	X	X	X	X	X	
MW-19-6	6/20/06	0820	X			X		15	X	X	X	X	X	X	X	X	X	
MW-19-7	6/20/06	1025	X			X		15	X	X	X	X	X	X	X	X	X	
MW-19-7 MS/MSD	6/20/06	1025	X			X		15	X	X	X	X	X	X	X	X	X	
MW-19-5	6/20/06	1210	X			X		15	X	X	X	X	X	X	X	X	X	
MW-19	6/20/06	1520	X			X		15	X	X	X	X	X	X	X	X	X	
SW-D-4		1555	X			X		5						X			X	
DRC-1		1615	X			X		5						X			X	

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

(8) **Data Package Options** (please circle if required)
QC Summary Type VI (Raw Data)
Type I (Tier I) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)

SDG Complete? Yes No

Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Bottle Storage					
[signature]	6-20-06	1725	[signature]	6-20-06	1725

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.02

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 0124288

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

(1)

Client: RMT Inc Acct. #: _____

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

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

Sampler: S.P. / E.V. Quote #: _____

Name of state where samples were collected: NJ

For Lab Use Only
FSC: _____
SCR #: _____

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Other	Total # of Containers	Total P	Sulfate, TDS, TSS	Diss. Pb	Ammonia Nitrogen	HPC	Base Neutrals	Nitrate Nitrogen	Nitrite Nitrogen	BTEX (EPA 602) Volatile Headspace Hydrocarbon	Remarks	Temperature of samples upon receipt (if requested)
TB-02	—	—	—	—		X		2									X	TB = BTEX Only	
DUP-03	6/21/06	—	X			X		15	X	X	X	X	X	X	X	X	X		
MW-25R	6/21/06	0833	X			X		15	|	|	|	|	|	|	|	|	|		
MW-30D	6/21/06	1047	X			X		15	|	|	|	|	|	|	|	|	|		
MW-30I	6/21/06	1412	X			X		15	|	|	|	|	|	|	|	|	|		
MW-30S	6/21/06	1540	X			X		15	X	X	X	X	X	X	X	X	X		
MW-19-4	6/21/06	0955	X			X		15	X	X	X	X	X	X	X	X	X		
MW-29S	6/21/06	1410	X			X		15	X	X	X	X	X	X	X	X	X		
MW-19-12	6/21/06	1630	X			X		15	X	X	X	X	X	X	X	X	X		

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

(8) **Data Package Options** (please circle if required)
QC Summary Type VI (Raw Data)
Type I (Tier I) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)

SDG Complete? Yes No
Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Scott A. Pawlukiewicz	6/21/06	1710	[illegible]	6/21/06	1710
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.
Page 49 of 52
2102.02

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 0124289

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

(1)

Client: RMT Inc Acct. #:

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

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

Sampler: SP/EV Quote #:

Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR #:

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable Check if NPDES Applicable)	Other	Total # of Containers	Total P	Sulfate, TDS, TSS	Diss. Pb	Ammonia Nitrogen	HPC	Base Neutrals	Nitrate Nitrogen	Nitrite Nitrogen	BTEX (EPA 602) Volatile Headspace Hydrocarbon	Remarks	Temperature of samples upon receipt (if requested)
TB-03	—	—				X		2									X	BTEX only	
RB-01	6/21/06	1810	X			X		5						X			X	Base Neutrals + BTEX only	
MW-23S	6/21/06	1753	X			X		15	X	X	X	X	X	X	X	X	X		

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

(8) **Data Package Options** (please circle if required)
QC Summary Type VI (Raw Data) SDG Complete? Yes No
Type I (Tier I) GLP Site-specific QC required? Yes No
Type II (Tier II) Other (If yes, indicate QC sample and submit triplicate volume.)
Type III (NJ Red. Del.) Internal Chain of Custody required? Yes No
Type IV (CLP)

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6/21/06	1930	Fed Ex		
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 0124290

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

(1)

Client: RMT INC Acct. #: _____

Project Name/#: L.L. CARPENTER PWSID #: _____

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

Sampler: SP/EV Quote #: _____

Name of state where samples were collected: NJ

For Lab Use Only
FSC: _____
SCR #: _____

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES Check if Applicable)	Other	Total # of Containers	Total P	Sulfate, TDS, TSS	Diss Pb	Ammonia Nitrogen	HPC	Base Neutrals	Nitrate Nitrogen	Nitrite Nitrogen	BTEX (EPA 602) Volatile Halocarbons	Remarks	Number of containers per sample (Check if applicable)
MW-28I	6/22/06	1020	X			X		15	X	X	X	X	X	X	X	X	X		
RB-02	6/22/06	1200	X			X		15	X	X	X	X	X	X	X	X	X		
								11					X	X	X	X	X		

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 2 wks
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 616-975-5115 Fax #: 616-975-1098
E-mail address: nicholas.clevett@rmtinc.com

(8) **Data Package Options** (please circle if required)
QC Summary Type VI (Raw Data)
Type I (Tier I) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)

SDG Complete? Yes No
Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[illegible]	[illegible]	1410	[illegible]	6/23/06	6:40
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 0127228

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

(1)
Client: RMT INC Acct. #: _____
Project Name/#: L.E. CARPENTER PWSID #: _____
Project Manager: N. CLEVETT P.O.#: 6527.18
Sampler: SP/EV Quote #: _____
Name of state where samples were collected: NJ

For Lab Use Only
FSC: _____
SCR#: _____

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

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	Total P	Sulfate, TDS, TSS	Diss. Pb	Ammonia Nitrogen	HPC	Base Neutrals	Nitrate Nitrogen	Nitrite Nitrogen	BTEX (EPA 602) Volatile Headspace	Remarks
TB-05						X		2									X	TB = BTEX ONLY
MW-27S	6/23/06	0715	X	X		X		2	X	1		X						
RB-03	6/23/06	0745				X		15	X	X	0	X	X	X	X	X	X	TOTAL Pb ON RB-03
MW-27S	6/22/06	1900	X			X		2		1	X							

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

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

SDG Complete? Yes No

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

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[illegible]	6/23/06	1030	FEDEX		
Scott Paulihing	6/23/06	1233	[illegible]	6-23-06	[illegible]

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

2102.03

Appendix D
2nd Quarter 2006
Laboratory Analytical Report

Lancaster Laboratories

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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

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

608-831-4444

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 994336. Samples arrived at the laboratory on Tuesday, June 20, 2006. The PO# for this group is 6527.18.

Client Description	Lancaster Labs Number
SW-D-3 Grab Water Sample	4798368
SW-D-2 Grab Water Sample	4798369
SW-D-1 Grab Water Sample	4798370
SW-R-1 Grab Water Sample	4798371
SW-R-2 Grab Water Sample	4798372
SW-R-3 Grab Water Sample	4798373
SW-R-4 Grab Water Sample	4798374
SW-R-5 Grab Water Sample	4798375
SW-R-6 Grab Water Sample	4798376
DUP-01 Grab Water Sample	4798377
TB-01 Water Sample	4798378
ATM-01 Blank Water Sample	4798379
DUP-02 Grab Water Sample	4798380
MW-19-6 Grab Water Sample	4798381
MW-19-7 Unspiked Grab Water Sample	4798382
MW-19-7 Matrix_Spike Grab Water Sample	4798383
MW-19-7 Matrix_Spike_Duplicate Grab Water Sample	4798384
MW-19-7 Duplicate Grab Water Sample	4798385
MW-19-5 Grab Water Sample	4798386
MW-19 Grab Water Sample	4798387
SW-D-4 Grab Water Sample	4798388
DRC-1 Grab Water Sample	4798389

METHODOLOGY

Lancaster Laboratories

Analysis Report

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

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

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

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

Respectfully Submitted,

Michele J. Smith

Michele J. Smith
Group Leader

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

Analysis Report

Lancaster Laboratories Sample No. WW 4798368

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

Collected:06/19/2006 16:30 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:23
Discard: 08/07/2006

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

SWD03 SDG#: LEC56-01

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	3.	J	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 20:32	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/28/2006 20:09	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 4798369

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

Collected: 06/19/2006 16:50 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:23
Discard: 08/07/2006

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

SWD02 SDG#: LEC56-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	1. J	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 21:05	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/28/2006 20:50	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 4798370

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

Collected:06/19/2006 17:10 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:23
Discard: 08/07/2006

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

SWD01 SDG#: LEC56-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 21:37	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/28/2006 21:31	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 4798371

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

Collected:06/19/2006 17:45 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:23
Discard: 08/07/2006

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

SWR01 SDG#: LEC56-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 22:10	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/28/2006 22:12	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 4798372

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

Collected:06/19/2006 17:55 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:23
Discard: 08/07/2006

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

SWR02 SDG#: LEC56-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 22:42	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/28/2006 22:52	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798373

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

Collected:06/19/2006 18:00 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:23
Discard: 08/07/2006

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

SWR03 SDG#: LEC56-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 23:15	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/28/2006 23:33	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798374

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

Collected: 06/19/2006 18:10 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:23
Discard: 08/07/2006

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

SWR04 SDG#: LEC56-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 23:48	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/29/2006 00:14	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 4798375

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

Collected: 06/19/2006 18:30 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:23
Discard: 08/07/2006

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

SWR05 SDG#: LEC56-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 00:20	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/29/2006 00:55	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798376

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

Collected: 06/19/2006 18:45 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:23
Discard: 08/07/2006

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

SWR06 SDG#: LEC56-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 01:58	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/29/2006 01:35	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 4798377

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

Collected:06/19/2006 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

DUP-1 SDG#: LEC56-10FD

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	2.	J	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 02:31	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/29/2006 02:16	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 4798378

TB-01 Water Sample
L.E. Carpenter, NJ

Collected: n.a.

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

TB-01 SDG#: LEC56-11TB

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

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 19:27	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798379

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

Collected:06/20/2006 08:45 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

ATM01 SDG#: LEC56-12AB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	38.	1.	cfu/ml	n.a.
	The plating was performed by Keith Hoover on 062006 at 2225.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	N.D.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	1.5 J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	N.D.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	40.	ug/l	1
	Due to an interferent peak, the reporting limit for propane was raised. The sample was reinjected outside of the method hold time. The interferent was not present in the reinjection and propane was non-detect with an MDL of 1.0 ug/l. The original (in hold) data is reported.					
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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Analysis Report

Lancaster Laboratories Sample No. WW 4798379

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

Collected: 06/20/2006 08:45 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

ATM01 SDG#: LEC56-12AB

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/26/2006 18:07	Choon Y Tian	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 08:25	Keith A Hoover	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/21/2006 20:57	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 22:18	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/22/2006 19:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 16:21	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 05:29	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/23/2006 22:03	Robert I Pusch	1
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 19:59	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/29/2006 07:13	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/26/2006 00:35	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 13:40	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798380

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

Collected:06/20/2006 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

DUP-2 SDG#: LEC56-13FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00307	Heterotrophic Plate Count	n.a.	15.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Keith Hoover on 062006 at 2225.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	790.	38.8	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	2.0	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	37.7	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	45.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	4.9	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	3.2	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	1.7	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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Analysis Report

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Lancaster Laboratories Sample No. WW 4798380

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

Collected:06/20/2006 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

DUP-2 SDG#: LEC56-13FD

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 08:25	Keith A Hoover	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/21/2006 21:01	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 22:19	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/22/2006 19:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 16:22	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 05:44	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/23/2006 22:19	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 03:03	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/29/2006 07:53	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 13:40	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798381

MW-19-6 Grab Water Sample
L.E. Carpenter, NJ

Collected: 06/20/2006 08:20 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW196 SDG#: LEC56-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00307	Heterotrophic Plate Count	n.a.	14.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Keith Hoover on 062006 at 2225.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	802.	38.8	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	2.0	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	38.3	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	44.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	5.0	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	3.2	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	1.7	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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Analysis Report

Lancaster Laboratories Sample No. WW 4798381

MW-19-6 Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 08:20 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW196 SDG#: LEC56-14

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 08:25	Keith A Hoover	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/21/2006 21:02	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 22:21	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/22/2006 19:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 16:24	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 05:58	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/23/2006 22:35	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 03:36	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/29/2006 08:34	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 13:40	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798382

MW-19-7 Unspiked Grab Water Sample
L.E. Carpenter, NJ

Collected: 06/20/2006 10:25 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW197 SDG#: LEC56-15BKG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00307	Heterotrophic Plate Count	n.a.	68.	1.	cfu/ml	n.a.
	The plating was performed by Keith Hoover on 062006 at 2225.					
00206	Total Suspended Solids	n.a.	16.8	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	655.	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.022 J	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.87	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.16	0.080	mg/l	1
00228	Sulfate	14808-79-8	12.9	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	11,000.	400.	ug/l	200
07107	Ethane	74-84-0	9.4	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	550.	0.6	ug/l	1
07029	Benzene	71-43-2	6.5	0.2	ug/l	1
07030	Toluene	108-88-3	0.6 J	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	19.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 08:25	Keith A Hoover	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4798382

MW-19-7 Unspiked Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 10:25 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW197 SDG#: LEC56-15BKG

00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/21/2006 21:03	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 22:36	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/22/2006 19:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 16:25	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 06:12	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/23/2006 22:51	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	07/03/2006 11:31	Hai D Nguyen	200
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 04:08	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/28/2006 18:07	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 13:40	Nancy J Shoop	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4798383

MW-19-7 Matrix Spike Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 10:25 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW197 SDG#: LEC56-15MS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00212	Total Dissolved Solids	n.a.	1,050.	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.20	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	1.7	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	14.0	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	2.4	0.080	mg/l	1
00228	Sulfate	14808-79-8	61.6	3.0	mg/l	10
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	14,000.	400.	ug/l	200
07107	Ethane	74-84-0	66.	1.0	ug/l	1
07108	Ethene	74-85-1	61.	1.0	ug/l	1
07109	Propane	74-98-6	59.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	590.	0.6	ug/l	1
07029	Benzene	71-43-2	26.	0.2	ug/l	1
07030	Toluene	108-88-3	21.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	39.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	89.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/21/2006 21:04	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 22:37	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/22/2006 19:00	Luz M Groff	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798383

MW-19-7 Matrix_Spike Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 10:25 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW197 SDG#: LEC56-15MS

00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 16:28	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 07:08	Ashley M Heckman	10
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/23/2006 23:12	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/27/2006 13:19	Hai D Nguyen	200
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 04:41	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/28/2006 18:48	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 13:40	Nancy J Shoop	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4798384

MW-19-7 Matrix_Spike_Duplicate Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 10:25 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW197 SDG#: LEC56-15MSD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00212	Total Dissolved Solids	n.a.	1,030.	19.4	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	14.2	0.20	mg/l	1
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	13,000.	400.	ug/l	200
07107	Ethane	74-84-0	65.	1.0	ug/l	1
07108	Ethene	74-85-1	60.	1.0	ug/l	1
07109	Propane	74-98-6	58.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	610.	0.6	ug/l	1
07029	Benzene	71-43-2	27.	0.2	ug/l	1
07030	Toluene	108-88-3	22.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	39.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	88.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/22/2006 19:00	Luz M Groff	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/23/2006 23:27	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/27/2006 13:35	Hai D Nguyen	200
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 05:14	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/28/2006 19:28	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798384

MW-19-7 Matrix_Spike_Duplicate Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 10:25 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW197 SDG#: LEC56-15MSD

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Analysis Report

Lancaster Laboratories Sample No. WW 4798385

MW-19-7 Duplicate Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 10:25 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW197 SDG#: LEC56-15DUP

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00307	Heterotrophic Plate Count	n.a.	63.	1.	cfu/ml	n.a.
	The plating was performed by Keith Hoover on 062006 at 2225.					
00206	Total Suspended Solids	n.a.	16.4	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	649.	19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	0.022 J	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.87	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	0.30 J	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.21	0.080	mg/l	1
00228	Sulfate	14808-79-8	12.6	1.5	mg/l	5

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 08:25	Keith A Hoover	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/21/2006 21:22	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 22:38	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/22/2006 19:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 16:29	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 06:54	Ashley M Heckman	5
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 13:40	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798386

MW-19-5 Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 12:10 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW195 SDG#: LEC56-16

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00307	Heterotrophic Plate Count	n.a.	22.		1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.						
	The plating was performed by Keith Hoover on 062006 at 2225.						
00206	Total Suspended Solids	n.a.	9.2	J	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	190.		9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.19		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.		0.080	mg/l	1
00228	Sulfate	14808-79-8	14.2		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	150.		10.	ug/l	5
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	730.		12.	ug/l	20
07029	Benzene	71-43-2	N.D.		4.0	ug/l	20
07030	Toluene	108-88-3	4,000.		4.0	ug/l	20
07031	Ethylbenzene	100-41-4	130.		4.0	ug/l	20
	Due to the nature of the sample matrix, normal reporting limits were not attained for benzene.						
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.		1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

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Analysis Report

Lancaster Laboratories Sample No. WW 4798386

MW-19-5 Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 12:10 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW195 SDG#: LEC56-16

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 08:25	Keith A Hoover	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/21/2006 21:07	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 23:07	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/22/2006 19:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 16:30	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 07:37	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/23/2006 23:43	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	07/03/2006 12:10	Hai D Nguyen	5
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 05:46	Steven A Skiles	20
00553	Base Neutrals	EPA 625	1	06/29/2006 09:15	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 13:40	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798387

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

Collected:06/20/2006 15:20 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW19- SDG#: LEC56-17

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00307	Heterotrophic Plate Count	n.a.	56.		1.	cfu/ml	n.a.
	The plating was performed by Keith Hoover on 062006 at 2225.						
00206	Total Suspended Solids	n.a.	44.4		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	460.		9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	0.43	J	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.		0.080	mg/l	1
00228	Sulfate	14808-79-8	3.2	J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	95.		2.0	ug/l	1
07107	Ethane	74-84-0	2.5	J	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	8,700.		120.	ug/l	200
07029	Benzene	71-43-2	N.D.		40.	ug/l	200
07030	Toluene	108-88-3	53,000.		40.	ug/l	200
07031	Ethylbenzene	100-41-4	1,600.		40.	ug/l	200
	Due to the nature of the sample matrix, normal reporting limits were not attained for benzene.						
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	3.	J	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

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Analysis Report

Lancaster Laboratories Sample No. WW 4798387

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

Collected:06/20/2006 15:20 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

MW19- SDG#: LEC56-17

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 08:25	Keith A Hoover	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/21/2006 21:12	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 22:41	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/22/2006 19:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 16:32	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 07:51	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/24/2006 00:15	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 06:19	Steven A Skiles	200
00553	Base Neutrals	EPA 625	1	06/29/2006 09:56	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 13:40	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798388

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

Collected:06/20/2006 15:55 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

SWD04 SDG#: LEC56-18

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	0.4	J	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	3.	J	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 06:52	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/29/2006 10:37	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798389

DRC-1 Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 16:15 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 07/07/2006 at 11:24
Discard: 08/07/2006

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

DRC-1 SDG#: LEC56-19*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	1.2 J	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.9	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 12:56	Steven A Skiles	1
00553	Base Neutrals	EPA 625	1	06/29/2006 11:18	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/22/2006 16:00	Olivia I Santiago	1

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 07/07/06 at 11:24 AM

Group Number: 994336

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06172105101B	Sample number(s): 4798379-4798383,4798385-4798386							
Nitrite Nitrogen	N.D.	0.015	mg/l	95		90-110		
Batch number: 06172105102A	Sample number(s): 4798387							
Nitrite Nitrogen	N.D.	0.015	mg/l	94		90-110		
Batch number: 06172A15A	Sample number(s): 4798389							
Total Xylenes	N.D.	0.6	ug/l	103	104	82-120	0	30
Benzene	N.D.	0.2	ug/l	101	100	86-119	1	30
Toluene	N.D.	0.2	ug/l	102	102	82-119	0	30
Ethylbenzene	N.D.	0.2	ug/l	102	102	81-119	0	30
Batch number: 06173022101A	Sample number(s): 4798379-4798387							
Ammonia Nitrogen	N.D.	0.20	mg/l	97		91-100		
Batch number: 06173109101A	Sample number(s): 4798379-4798383,4798385-4798387							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	102		90-110		
Batch number: 06173A15A	Sample number(s): 4798368-4798384,4798386-4798388							
Total Xylenes	N.D.	0.6	ug/l	103	103	82-120	1	30
Benzene	N.D.	0.2	ug/l	100	102	86-119	1	30
Toluene	N.D.	0.2	ug/l	101	102	82-119	1	30
Ethylbenzene	N.D.	0.2	ug/l	101	102	81-119	1	30
Batch number: 06173WAA625	Sample number(s): 4798368-4798377,4798379-4798384,4798386-4798389							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	87		68-111		
Batch number: 061740016A	Sample number(s): 4798379-4798384,4798386-4798387							
Methane	N.D.	2.0	ug/l	90		80-120		
Ethane	N.D.	1.0	ug/l	95		80-120		
Ethene	N.D.	1.0	ug/l	97		80-120		
Propane	N.D.	1.0	ug/l	93		73-125		
Batch number: 06174020601A	Sample number(s): 4798379-4798382,4798385-4798387							
Total Suspended Solids	N.D.	3.0	mg/l	90		56-128		
Batch number: 06174021201A	Sample number(s): 4798379-4798387							
Total Dissolved Solids	N.D.	9.7	mg/l	94		80-120		
Batch number: 06177106101B	Sample number(s): 4798379-4798381							
Nitrate Nitrogen	N.D.	0.040	mg/l	104		89-110		
Batch number: 06177106102A	Sample number(s): 4798382-4798383,4798385-4798387							
Nitrate Nitrogen	N.D.	0.040	mg/l	104		89-110		
Batch number: 061771848002	Sample number(s): 4798379							
Lead	N.D.	0.0069	mg/l	100		90-113		

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

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 07/07/06 at 11:24 AM

Group Number: 994336

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06186196102A	Sample number(s): 4798379-4798383,4798385-4798387							
Sulfate	N.D.	0.30	mg/l	98		89-110		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06172105101B	Sample number(s): 4798379-4798383,4798385-4798386 UNSPK: 4798382 BKG: 4798382								
Nitrite Nitrogen	89*		90-110			0.022 J	0.022 J	2 (1)	20
Batch number: 06172105102A	Sample number(s): 4798387 UNSPK: P798882 BKG: P798882								
Nitrite Nitrogen	69*		90-110			N.D.	N.D.	0 (1)	20
Batch number: 06172A15A	Sample number(s): 4798389 UNSPK: P797362								
Total Xylenes	117		84-131						
Benzene	115		78-131						
Toluene	116		78-129						
Ethylbenzene	116		75-133						
Batch number: 06173022101A	Sample number(s): 4798379-4798387 UNSPK: 4798382 BKG: 4798382								
Ammonia Nitrogen	100	101	64-128	1	8	N.D.	0.30 J	200* (1)	2
Batch number: 06173109101A	Sample number(s): 4798379-4798383,4798385-4798387 UNSPK: 4798382 BKG: 4798382								
Total Phosphorus as P (water)	110		90-110			0.16	0.21	27* (1)	3
Batch number: 06173A15A	Sample number(s): 4798368-4798384,4798386-4798388 UNSPK: 4798382								
Total Xylenes	(2)	(2)	84-131	4	30				
Benzene	97	101	78-131	3	30				
Toluene	100	105	78-129	5	30				
Ethylbenzene	96	100	75-133	2	30				
Batch number: 06173WAA625	Sample number(s): 4798368-4798377,4798379-4798384,4798386-4798389 UNSPK: 4798382								
bis(2-Ethylhexyl)phthalate	89	88	64-113	1	30				
Batch number: 061740016A	Sample number(s): 4798379-4798384,4798386-4798387 UNSPK: 4798382								
Methane	25*	17*	63-124	7	20				
Ethane	93	91	63-127	2	20				
Ethene	100	98	69-126	2	20				
Propane	97	95	56-136	2	20				
Batch number: 06174020601A	Sample number(s): 4798379-4798382,4798385-4798387 BKG: 4798382								
Total Suspended Solids						16.8	16.4	2 (1)	20
Batch number: 06174021201A	Sample number(s): 4798379-4798387 UNSPK: 4798382 BKG: 4798382								
Total Dissolved Solids	99	95	60-140	2	5	655.	649.	1	5
Batch number: 06177106101B	Sample number(s): 4798379-4798381 UNSPK: P798159 BKG: P798159								
Nitrate Nitrogen	95		90-110			N.D.	N.D.	0 (1)	2

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

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 07/07/06 at 11:24 AM

Group Number: 994336

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06177106102A	Sample number(s): 4798382-4798383,4798385-4798387 UNSPK: 4798382 BKG: 4798382								
Nitrate Nitrogen	102		90-110			0.89	0.90	1	2
Batch number: 061771848002	Sample number(s): 4798379 UNSPK: P798209 BKG: P798209								
Lead	112	99	75-125	12	20	N.D.	N.D.	-104 (1)	20
Batch number: 06186196102A	Sample number(s): 4798379-4798383,4798385-4798387 UNSPK: 4798382 BKG: 4798382								
Sulfate	97		90-110			12.9	12.6	2 (1)	3

Surrogate Quality Control

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

Analysis Name: BTEX (EPA 602)
Batch number: 06172A15A

	Trifluorotoluene-P
4798389	101
Blank	101
LCS	100
LCSD	100
MS	100
Limits:	69-129

Analysis Name: BTEX (EPA 602)
Batch number: 06173A15A

	Trifluorotoluene-P
4798368	101
4798369	101
4798370	101
4798371	101
4798372	101
4798373	101
4798374	101
4798375	101
4798376	100
4798377	102
4798378	101
4798379	101
4798380	101
4798381	101
4798382	96
4798383	96
4798384	96
4798386	98
4798387	98

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

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 07/07/06 at 11:24 AM

Group Number: 994336

Surrogate Quality Control

4798388	101
Blank	102
LCS	100
LCSD	99
MS	96
MSD	96
Limits:	69-129

Analysis Name: Base Neutrals
Batch number: 06173WAA625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4798368	80	85	69
4798369	78	84	60
4798370	84	83	57
4798371	82	84	73
4798372	80	81	70
4798373	79	82	72
4798374	79	84	71
4798375	80	83	75
4798376	79	78	76
4798377	84	82	85
4798379	83	85	86
4798380	82	79	69
4798381	81	81	75
4798382	82	85	88
4798383	88	85	92
4798384	89	86	91
4798386	78	79	72
4798387	71	86	81
4798388	86	84	78
4798389	86	80	69
Blank	84	84	83
LCS	89	87	96
MS	88	85	92
MSD	89	86	91
Limits:	48-117	62-111	33-155

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 061740016A

	Propene
4798379	86
4798380	80
4798381	78
4798382	77
4798383	77
4798384	78
4798386	61
4798387	70
Blank	86
LCS	89
MS	77
MSD	78
Limits:	48-132

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

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 07/07/06 at 11:24 AM

Group Number: 994336

Surrogate Quality Control

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

Analysis Request/ nvironmental Services Chain of Cu ody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. # 9322 Group# 994336 Sample # 4798368-89

COC # 0124287

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

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

For Lab Use Only
FSC:
SCR #:

(6)

(2)		(3)	(4) BTEX (EPA 602)	(5) Base Neutrals	Remarks
SW-D-3	6/19/06	1630	X	X	
SW-D-2		1650			
SW-D-1		1710			
SW-R-1		1745			
SW-R-2		1755			
SW-R-3		1800			
SW-R-4		1810			
SW-R-5		1830			
SW-R-6		1845			
DUP-01	6/19/06	—	X	X	

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

(8) **Data Package Options** (please circle if required)
QC Summary
Type I (Tier I)
Type II (Tier II)
Type III (NJ Red. Del.)
Type IV (CLP)
Type VI (Raw Data)
GLP
Other
Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No
SDG Complete? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
E. Vincke	6-20-06	1700	R. Kindig	6-20-06	1715
R. Kindig	6-20-06	2025			

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2102.02

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 944336 Sample # 4798368-89

COC # 0124286

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

(1)

Client: BMT Inc Acct. #:

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

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

Sampler: Scott Pawlukiewicz Quote #:

Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR #: 29200

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

								Total P	Sulfate, TDS, TSS	Diss. Pb	Ammonia Nitrogen	HPC	Base Neutrals	Nitrate Nitrogen	Nitrite Nitrogen	BTEX (EPA 602) Volatile Headspace Hydrocarbon	Remarks
TB-01	—	—				X	2									X	TB BTEX Only
ATM-01	6/20/06	0845	X			X	15	X	X	O	X	X	X	X	X	X	O= Total Pb on ATM-01
DUP-02	6/20/06	—	X			X	15	X	X	X	X	X	X	X	X	X	
MW-19-6	6/20/06	0820	X			X	15	X	X	X	X	X	X	X	X	X	
MW-19-7	6/20/06	1025	X			X	15	X	X	X	X	X	X	X	X	X	
MW-19-7 MS/MSD	6/20/06	1025	X			X	15	X	X	X	X	X	X	X	X	X	
MW-19-5	6/20/06	1210	X			X	15	X	X	X	X	X	X	X	X	X	
MW-19	6/20/06	1520	X			X	15	X	X	X	X	X	X	X	X	X	
SW-D-4		1555	X			X	5						X			X	
DRC-1		1615	X			X	5						X			X	

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

(8) **Data Package Options** (please circle if required)
QC Summary Type VI (Raw Data)
Type I (Tier I) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)

SDG Complete? Yes No

Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Bottle Storage					
[signature]	6-20-06	1715	R. Kindig	6-20-06	1715
R. Kindig	6-20-06	2025			
			[signature]	6-20-06	2025

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2102.02

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

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

608-831-4444

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 994341. Samples arrived at the laboratory on Tuesday, June 20, 2006. The PO# for this group is 6527.18.

Client Description	Lancaster Labs Number
DUP-02 Filtered Grab Water Sample	4798416
MW-19-6 Filtered Grab Water Sample	4798417
MW-19-7 Unspiked Filtered Grab Water Sample	4798418
MW-19-7 Matrix Spike Filtered Grab Water Sample	4798419
MW-19-7 Matrix Spike Dup Filtered Grab Water	4798420
MW-19-7 Duplicate Filtered Grab Water Sample	4798421
MW-19-5 Filtered Grab Water Sample	4798422
MW-19 Filtered Grab Water Sample	4798423

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Max E. Snavely
Senior Specialist

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 4798416

DUP-02 Filtered Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 06/28/2006 at 18:04
Discard: 07/29/2006

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

DUP2F SDG#: LEC57-01FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 13:01	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798417

MW-19-6 Filtered Grab Water Sample
L.E. Carpenter, NJ

Collected: 06/20/2006 08:20 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 06/28/2006 at 18:04
Discard: 07/29/2006

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

M196F SDG#: LEC57-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 13:12	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798418

MW-19-7 Unspiked Filtered Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 10:25 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 06/28/2006 at 18:04
Discard: 07/29/2006

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

M197F SDG#: LEC57-03BKG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 12:35	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798419

MW-19-7 Matrix Spike Filtered Grab Water Sample
L.E. Carpenter, NJ

Collected: 06/20/2006 10:25 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 06/28/2006 at 18:04
Discard: 07/29/2006

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

M197F SDG#: LEC57-03MS

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.119	0.0069	mg/l	1

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 12:46	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798420

MW-19-7 Matrix Spike Dup Filtered Grab Water Sample
L.E. Carpenter, NJ
Collected:06/20/2006 10:25 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 06/28/2006 at 18:04
Discard: 07/29/2006

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

M197F SDG#: LEC57-03MSD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	0.133	0.0069	mg/l	1

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 12:50	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4798421

MW-19-7 Duplicate Filtered Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 10:25 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 06/28/2006 at 18:04
Discard: 07/29/2006

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

M197F SDG#: LEC57-03DUP

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 12:42	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798422

MW-19-5 Filtered Grab Water Sample
L.E. Carpenter, NJ

Collected:06/20/2006 12:10 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 06/28/2006 at 18:04
Discard: 07/29/2006

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

M195F SDG#: LEC57-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 13:15	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4798423

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

Collected:06/20/2006 15:20 by SP

Account Number: 09322

Submitted: 06/20/2006 20:25
Reported: 06/28/2006 at 18:04
Discard: 07/29/2006

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

M-19F SDG#: LEC57-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 13:19	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 06/28/06 at 06:04 PM

Group Number: 994341

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 061791848001	Sample number(s): 4798416-4798423							
Lead	N.D.	0.0069	mg/l	100		90-113		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 061791848001	Sample number(s): 4798416-4798423 UNSPK: 4798418 BKG: 4798418								
Lead	99	111	75-125	11	20	N.D.	N.D.	-5150 (1)	20

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

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 994341 Sample # 4798416-23

COC # 0124286

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

(1)

Client: RMT Inc Acct. #:

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

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

Sampler: Scott Pawlukiewicz Quote #:

Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR #: 29200

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

								Total P	Sulfate, TDS, TSS	Diss. Pb	Ammonia Nitrogen	HPC	Base Neutrals	Nitrate Nitrogen	Nitrite Nitrogen	BTEX (EPA 602) Volatile Headspace Hydrocarbons	Remarks
TB-01	—	—				X	2									X	TB BTEX Only
ATM-01	6/20/06	0845	X			X	15	X	X	O	X	X	X	X	X	X	O = Total Pb on ATM-01
DUP-02	6/20/06	—	X			X	15	X	X	X	X	X	X	X	X	X	
MW-19-6	6/20/06	0820	X			X	15	X	X	X	X	X	X	X	X	X	
MW-19-7	6/20/06	1025	X			X	15	X	X	X	X	X	X	X	X	X	
MW-19-7 MS/MSD	6/20/06	1025	X			X	15	X	X	X	X	X	X	X	X	X	
MW-19-5	6/20/06	1210	X			X	15	X	X	X	X	X	X	X	X	X	
MW-19	6/20/06	1520	X			X	15	X	X	X	X	X	X	X	X	X	
SW-D-4		1555	X			X	5						X			X	
DRC-1		1615	X			X	5						X			X	

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

(8) **Data Package Options** (please circle if required)
QC Summary Type VI (Raw Data)
Type I (Tier I) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)

SDG Complete? Yes No

Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Battle Storage					
[signature]	6-20-06	1715	R. Kindig	6-20-06	1715
R. Kindig	6-20-06	2025			
			[signature]	6-20-06	2025

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.02

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

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

608-831-4444

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 994486. Samples arrived at the laboratory on Wednesday, June 21, 2006. The PO# for this group is 6527.18.

Client Description	Lancaster Labs Number
TB-02 Water Sample	4798998
DUP-03 Grab Water Sample	4798999
MW-25R Grab Water Sample	4799000
MW-30D Grab Water Sample	4799001
MW-30I Grab Water Sample	4799002
MW-30S Grab Water Sample	4799003
MW-19-4 Grab Water Sample	4799004
MW-29S Grab Water Sample	4799005
MW-19-12 Grab Water Sample	4799006

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Earl R Custer

Earl R. Custer
Group Leader

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 4798998

TB-02 Water Sample
L.E. Carpenter, NJ

Collected: n.a.

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

LECTB SDG#: LEC58-01TB

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

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 12:29	K. Robert Caulfeild-James	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4798999

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

Collected:06/21/2006 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

FD-03 SDG#: LEC58-02FD

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.		0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	700.		1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.						
	The sample was plated by Jeff Groff on 6-21-06 by 2210.						
00206	Total Suspended Solids	n.a.	18.0		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	337.		9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	0.39	J	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.		0.080	mg/l	1
00228	Sulfate	14808-79-8	2.8	J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	120.		2.0	ug/l	1
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.		1.	ug/l	1

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

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4798999

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

Collected:06/21/2006 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

FD-03 SDG#: LEC58-02FD

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 13:26	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 21:50	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/22/2006 09:32	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 22:54	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/30/2006 14:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 16:50	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 20:52	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/29/2006 16:27	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 14:09	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	06/28/2006 09:13	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 05:00	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 13:40	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4799000

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

Collected:06/21/2006 08:33 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

MW25R SDG#: LEC58-03

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.		0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	1,100.		1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.						
	The sample was plated by Jeff Groff on 6-21-06 by 2210.						
00206	Total Suspended Solids	n.a.	18.8		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	340.		9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	0.24	J	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.		0.080	mg/l	1
00228	Sulfate	14808-79-8	2.9	J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	140.		2.0	ug/l	1
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.		1.	ug/l	1

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

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

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Analysis Report

Lancaster Laboratories Sample No. WW 4799000

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

Collected:06/21/2006 08:33 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

MW25R SDG#: LEC58-03

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 13:30	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 21:50	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/22/2006 09:33	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 22:55	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/30/2006 14:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 16:51	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 21:34	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/29/2006 16:53	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 14:42	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	06/28/2006 09:54	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 05:00	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 13:40	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4799001

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

Collected: 06/21/2006 10:47 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

MW30D SDG#: LEC58-04

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.		0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	2,800.		1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.						
	The sample was plated by Jeff Groff on 6-21-06 by 2210.						
00206	Total Suspended Solids	n.a.	11.6	J	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	248.		9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	0.30	J	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.		0.080	mg/l	1
00228	Sulfate	14808-79-8	9.7		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	45.		2.0	ug/l	1
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	3.	J	1.	ug/l	1

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

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

Lancaster Laboratories

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

Analysis Report

Lancaster Laboratories Sample No. WW 4799001

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

Collected:06/21/2006 10:47 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

MW30D SDG#: LEC58-04

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 13:34	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 21:50	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/22/2006 09:35	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 22:57	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/30/2006 14:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 16:53	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 21:48	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/29/2006 17:06	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 15:49	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	06/28/2006 10:35	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 05:00	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 13:40	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4799002

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

Collected: 06/21/2006 14:12 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

MW30I SDG#: LEC58-05

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.		0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	> 5700.		1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.						
	The sample was plated by Jeff Groff on 6-21-06 by 2210.						
00206	Total Suspended Solids	n.a.	18.8		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	369.		9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	1.8		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.15		0.080	mg/l	1
00228	Sulfate	14808-79-8	8.2		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	1,100.		200.	ug/l	100
07107	Ethane	74-84-0	N.D.		100.	ug/l	100
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for ethane. The presence or concentration of this compound cannot be determined due to the presence of this interferent.						
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	170.		0.6	ug/l	1
07029	Benzene	71-43-2	0.3	J	0.2	ug/l	1
07030	Toluene	108-88-3	1.4		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	38.		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	2.	J	1.	ug/l	1

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

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Analysis Report

Lancaster Laboratories Sample No. WW 4799002

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

Collected: 06/21/2006 14:12 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

MW30I SDG#: LEC58-05

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 13:37	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 21:50	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/22/2006 09:36	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 22:58	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/30/2006 14:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 16:56	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 22:02	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/29/2006 17:19	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/30/2006 15:32	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 16:22	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	06/28/2006 11:16	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 05:00	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 13:40	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4799003

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

Collected:06/21/2006 15:40 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

MW30S SDG#: LEC58-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	2,200.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The sample was plated by Jeff Groff on 6-21-06 by 2210.					
00206	Total Suspended Solids	n.a.	75.6	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	348.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	0.86	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.17	0.080	mg/l	1
00228	Sulfate	14808-79-8	5.2	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	3,800.	200.	ug/l	100
07107	Ethane	74-84-0	N.D.	100.	ug/l	100
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for ethane. The presence or concentration of this compound cannot be determined due to the presence of this interferent.					
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	3,900.	6.0	ug/l	10
07029	Benzene	71-43-2	N.D.	1.0	ug/l	5
07030	Toluene	108-88-3	1.3 J	1.0	ug/l	5
07031	Ethylbenzene	100-41-4	1,200.	1.0	ug/l	5
	Due to the nature of the sample matrix, normal reporting limits were not attained.					
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	740.	11.	ug/l	10
	Due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.					

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Analysis Report

Lancaster Laboratories Sample No. WW 4799003

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

Collected: 06/21/2006 15:40 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

RMT, Inc.
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Madison WI 53708-8923

MW30S SDG#: LEC58-06

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

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 13:41	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 21:50	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/22/2006 09:37	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 23:19	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/30/2006 14:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	2	07/07/2006 09:23	Nicole M Kepley	1
00228	Sulfate	EPA 300.0	1	07/06/2006 22:45	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/29/2006 17:32	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/30/2006 15:46	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 16:55	K. Robert Caulfeild-James	10
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 17:28	K. Robert Caulfeild-James	5
00553	Base Neutrals	EPA 625	1	06/29/2006 06:32	Brian K Graham	10
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 05:00	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 15:20	Nancy J Shoop	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4799004

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

Collected:06/21/2006 09:55 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

W19-4 SDG#: LEC58-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	520.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The sample was plated by Jeff Groff on 6-21-06 by 2210.					
00206	Total Suspended Solids	n.a.	8.4 J	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	774.	38.8	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	2.8	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	45.8	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	N.D.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

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

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

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Analysis Report

Lancaster Laboratories Sample No. WW 4799004

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

Collected: 06/21/2006 09:55 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

W19-4 SDG#: LEC58-07

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 13:45	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 21:50	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/22/2006 09:38	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 23:03	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/30/2006 14:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 17:03	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 22:59	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/29/2006 17:45	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 13:02	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	06/28/2006 12:39	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 05:00	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 15:20	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4799005

MW-29S Grab Water Sample
L.E. Carpenter, NJ

Collected: 06/21/2006 14:10 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

MW29S SDG#: LEC58-08

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.		0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	250.		1.	cfu/ml	n.a.
	The plating was performed by Jeff Groff on 062106 at 2210.						
00206	Total Suspended Solids	n.a.	58.8		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	504.		19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	11.9		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.45		0.080	mg/l	1
00228	Sulfate	14808-79-8	4.0	J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	1,200.		200.	ug/l	100
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	0.6	J	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	0.2	J	0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	1.	J	1.	ug/l	1

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

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

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Analysis Report

Lancaster Laboratories Sample No. WW 4799005

MW-29S Grab Water Sample
L.E. Carpenter, NJ

Collected:06/21/2006 14:10 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

MW29S SDG#: LEC58-08

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 13:56	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 21:50	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/22/2006 09:40	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 23:04	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/30/2006 14:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	2	07/07/2006 09:25	Nicole M Kepley	1
00228	Sulfate	EPA 300.0	1	07/06/2006 23:13	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/29/2006 17:58	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/30/2006 15:59	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 19:41	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	06/28/2006 13:20	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 05:00	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 15:20	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4799006

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

Collected: 06/21/2006 16:30 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

19-12 SDG#: LEC58-

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.		0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	4,000.		1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.						
	The sample was plated by Jeff Groff on 6-21-06 by 2210.						
00206	Total Suspended Solids	n.a.	11.2	J	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	548.		19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.048	J	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.		0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.		0.080	mg/l	1
00228	Sulfate	14808-79-8	15.1		1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	4.8	J	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.		1.0	ug/l	1
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	N.D.		0.6	ug/l	1
07029	Benzene	71-43-2	N.D.		0.2	ug/l	1
07030	Toluene	108-88-3	N.D.		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.		1.	ug/l	1

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

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

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Analysis Report

Lancaster Laboratories Sample No. WW 4799006

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

Collected:06/21/2006 16:30 by SP

Account Number: 09322

Submitted: 06/21/2006 18:15
Reported: 07/13/2006 at 10:22
Discard: 08/13/2006

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

19-12 SDG#: LEC58-

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 13:59	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/23/2006 21:50	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:38	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/22/2006 09:41	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/26/2006 23:05	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/30/2006 14:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 17:29	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 23:27	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/29/2006 18:11	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	06/22/2006 15:15	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	06/28/2006 14:01	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 05:00	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 15:20	Nancy J Shoop	1

Lancaster Laboratories
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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 07/13/06 at 10:22 AM

Group Number: 994486

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06173105102A	Sample number(s): 4798999-4799006							
Nitrite Nitrogen	N.D.	0.015	mg/l	94		90-110		
Batch number: 06173109101B	Sample number(s): 4798999-4799002							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	102		90-110		
Batch number: 06173109102A	Sample number(s): 4799003-4799006							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	100		90-110		
Batch number: 06173A36A	Sample number(s): 4798998-4799006							
Total Xylenes	N.D.	0.6	ug/l	99	102	82-120	3	30
Benzene	N.D.	0.2	ug/l	102	104	86-119	3	30
Toluene	N.D.	0.2	ug/l	99	102	82-119	3	30
Ethylbenzene	N.D.	0.2	ug/l	100	102	81-119	2	30
Batch number: 06173WAB625	Sample number(s): 4798999-4799006							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	81	86	68-111	5	30
Batch number: 06174020601B	Sample number(s): 4798999-4799006							
Total Suspended Solids	N.D.	3.0	mg/l	90		56-128		
Batch number: 06174021201A	Sample number(s): 4798999-4799006							
Total Dissolved Solids	N.D.	9.7	mg/l	94		80-120		
Batch number: 06177106102B	Sample number(s): 4798999-4799006							
Nitrate Nitrogen	N.D.	0.040	mg/l	104		89-110		
Batch number: 061791848001	Sample number(s): 4798999-4799006							
Lead	N.D.	0.0069	mg/l	100		90-113		
Batch number: 061800035A	Sample number(s): 4798999-4799006							
Methane	N.D.	2.0	ug/l	112		80-120		
Ethane	N.D.	1.0	ug/l	108		80-120		
Ethene	N.D.	1.0	ug/l	103		80-120		
Propane	N.D.	1.0	ug/l	98		73-125		
Batch number: 06181022101A	Sample number(s): 4798999-4799006							
Ammonia Nitrogen	N.D.	0.20	mg/l	97		91-100		
Batch number: 06187196101A	Sample number(s): 4798999-4799006							
Sulfate	N.D.	0.30	mg/l	98		89-110		

Sample Matrix Quality Control

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

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 994486
Reported: 07/13/06 at 10:22 AM
Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06173105102A	Sample number(s): 4798999-4799006 UNSPK: 4799006 BKG: 4799006								
Nitrite Nitrogen	99		90-110			N.D.	N.D.	75* (1)	20
Batch number: 06173109101B	Sample number(s): 4798999-4799002 UNSPK: P798531 BKG: P798531								
Total Phosphorus as P (water)	106		90-110			N.D.	N.D.	20* (1)	3
Batch number: 06173109102A	Sample number(s): 4799003-4799006 UNSPK: 4799003 BKG: 4799003								
Total Phosphorus as P (water)	96		90-110			0.17	0.13	62* (1)	3
Batch number: 06173A36A	Sample number(s): 4798998-4799006 UNSPK: 4799004								
Total Xylenes	110		84-131						
Benzene	113		78-131						
Toluene	111		78-129						
Ethylbenzene	112		75-133						
Batch number: 06174020601B	Sample number(s): 4798999-4799006 BKG: P798813								
Total Suspended Solids						224.	212.	6 (1)	20
Batch number: 06174021201A	Sample number(s): 4798999-4799006 UNSPK: P798382 BKG: P798382								
Total Dissolved Solids	99	95	60-140	2	5	655.	649.	1	5
Batch number: 06177106102B	Sample number(s): 4798999-4799006 UNSPK: 4798999 BKG: 4798999								
Nitrate Nitrogen	104		90-110			N.D.	N.D.	0 (1)	2
Batch number: 061791848001	Sample number(s): 4798999-4799006 UNSPK: P798418 BKG: P798418								
Lead	99	111	75-125	11	20	N.D.	N.D.	-5150 (1)	20
Batch number: 061800035A	Sample number(s): 4798999-4799006 UNSPK: 4798999								
Methane	153*	85	63-124	21*	20				
Ethane	95	80	63-127	17	20				
Ethene	95	80	69-126	17	20				
Propane	97	80	56-136	19	20				
Batch number: 06181022101A	Sample number(s): 4798999-4799006 UNSPK: P802899 BKG: P802899								
Ammonia Nitrogen	(2)	(2)	64-128	2	8	123,000.	120,000.	2	2
Batch number: 06187196101A	Sample number(s): 4798999-4799006 UNSPK: 4798999 BKG: 4798999								
Sulfate	99		90-110			2.8 J	3.1 J	10* (1)	3

Surrogate Quality Control

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

Analysis Name: BTEX (EPA 602)
Batch number: 06173A36A

	Trifluorotoluene-P
4798998	103
4798999	102

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

Quality Control Summary

Client Name: RMT, Inc.
Reported: 07/13/06 at 10:22 AM

Group Number: 994486

Surrogate Quality Control

4799000	101
4799001	104
4799002	98
4799003	98
4799004	102
4799005	101
4799006	101
Blank	101
LCS	102
LCSD	103
MS	103
Limits:	69-129

Analysis Name: Base Neutrals
Batch number: 06173WAB625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4798999	86	86	84
4799000	89	88	81
4799001	83	86	86
4799002	71	80	76
4799003	90	89	87
4799004	85	91	80
4799005	80	79	79
4799006	82	85	81
Blank	84	86	88
LCS	85	84	89
LCSD	85	87	90
Limits:	48-117	62-111	33-155

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 061800035A

	Propene
4798999	79
4799000	68
4799001	79
4799002	73
4799003	81
4799004	75
4799005	64
4799006	79
Blank	84
LCS	82
MS	63
MSD	59
Limits:	48-132

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

Analysis Request, Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct.# 9322 Group# 994486 Sample # 4798998-06

COC # 0124288

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

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

For Lab Use Only
FSC:
SCR #:

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

								Total P	Sulfate, TDS, TSS	Diss. Pb	Ammonia Nitrogen	HPC	Base Neutrals	Nitrate Nitrogen	Nitrite Nitrogen	BTEX (EPA 602) Volatile Hydrocarbon	Remarks
TB-02						X	2									X	TB = BTEX Only
DUP-03	6/21/06	—	X			X	15	X	X	X	X	X	X	X	X	X	
MW-25R	6/21/06	0833	X			X	15										
MW-30D	6/21/06	1047	X			X	15										0.8 - 1.6°C
MW-30I	6/21/06	1412	X			X	15										
[redacted]-30S	6/21/06	15[redacted]	X			X	15	X	X	X	X	X	X	X	X	X	
MW-19-4	6/21/06	0955	X			X	15	X	X	X	X	X	X	X	X	X	
MW-29S	6/21/06	1410	X			X	15	X	X	X	X	X	X	X	X	X	
MW-19-12	6/21/06	1630	X			X	15	X	X	X	X	X	X	X	X	X	

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

(8) **Data Package Options** (please circle if required)
QC Summary Type VI (Raw Data)
Type I (Tier I) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)

SDG Complete? Yes No
Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
Scott A. Pawlikowski	6/21/06	1710	[signature]	6/21/06	17:10
[signature]	6/21/06	18:15			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	6-21-06	1815

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.02

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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ANALYTICAL RESULTS

Prepared for:

RMT, Inc.
PO Box 8923
Madison WI 53708-8923
608-831-4444

Prepared by:
Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 994486. Samples arrived at the laboratory on Wednesday, Jun 21 2006.
The project for this group is L. E. Carpenter.
The PO# for this sample group is 6527.18.

Sample No.	Collected	Client Description
4798998		TB-02 Water Sample L.E. Carpenter, NJ
4798999	6/21/2006	DUP-03 Grab Water Sample L.E. Carpenter, NJ
4799000	6/21/2006 8:33	MW-25R Grab Water Sample L.E. Carpenter, NJ
4799001	6/21/2006 10:47	MW-30D Grab Water Sample L.E. Carpenter, NJ
4799002	6/21/2006 14:12	MW-30I Grab Water Sample L.E. Carpenter, NJ
4799003	6/21/2006 15:40	MW-30S Grab Water Sample L.E. Carpenter, NJ
4799004	6/21/2006 9:55	MW-19-4 Grab Water Sample L.E. Carpenter, NJ
4799005	6/21/2006 14:10	MW-29S Grab Water Sample L.E. Carpenter, NJ
4799006	6/21/2006 16:30	MW-19-12 Grab Water Sample L.E. Carpenter, NJ

METHODOLOGY
The specified methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicle.

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

ANALYTICAL RESULTS

Prepared for:

RMT, Inc.
PO Box 8923
Madison WI 53708-8923
608-831-4444

Prepared by:
Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

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

Respectfully Submitted,

Earl R Custer

Earl R. Custer
Group Leader

RMT, Inc.
Project: L.E. Carpenter, NJ
SDG: LEC58

Report Date: 7/13/2006 10:22
Submit Date: 6/21/2006 18:15

Analysis Name	Units	4798998 TB-02 Wa Result	MDL	4798999 DUP-03 G Result	MDL	4799000 MW-25R G Result	MDL
Lead	mg/l	n.a.	n.a.	N.D.	0.0069	N.D.	0.0069
Heterotrophic Plate Count	cfu/ml	n.a.	n.a.	700.	1.	1,100.	1.
Total Suspended Solids	mg/l	n.a.	n.a.	18.0	3.0	18.8	3.0
Total Dissolved Solids	mg/l	n.a.	n.a.	337.	9.7	340.	9.7
Nitrite Nitrogen	mg/l	n.a.	n.a.	N.D.	0.015	N.D.	0.015
Nitrate Nitrogen	mg/l	n.a.	n.a.	N.D.	0.040	N.D.	0.040
Ammonia Nitrogen	mg/l	n.a.	n.a.	0.39 J	0.20	0.24 J	0.20
Total Phosphorus as P (water)	mg/l	n.a.	n.a.	N.D.	0.080	N.D.	0.080
Sulfate	mg/l	n.a.	n.a.	2.8 J	1.5	2.9 J	1.5
Total Xylenes	ug/l	N.D.	0.6	N.D.	0.6	N.D.	0.6
Benzene	ug/l	N.D.	0.2	N.D.	0.2	N.D.	0.2
Toluene	ug/l	N.D.	0.2	N.D.	0.2	N.D.	0.2
Ethylbenzene	ug/l	N.D.	0.2	N.D.	0.2	N.D.	0.2
Methane	ug/l	n.a.	n.a.	120.	2.0	140.	2.0
Ethane	ug/l	n.a.	n.a.	N.D.	1.0	N.D.	1.0
Ethene	ug/l	n.a.	n.a.	N.D.	1.0	N.D.	1.0
Propane	ug/l	n.a.	n.a.	N.D.	1.0	N.D.	1.0
bis(2-Ethylhexyl)phthalate	ug/l	n.a.	n.a.	N.D.	1.	N.D.	1.

Analysis Name	Units	4799001 MW-30D G Result	MDL	4799002 MW-30I G Result	MDL	4799003 MW-30S G Result	MDL
Lead	mg/l	N.D.	0.0069	N.D.	0.0069	N.D.	0.0069
Heterotrophic Plate Count	cfu/ml	2,800.	1.	> 5700.	1.	2,200.	1.
Total Suspended Solids	mg/l	11.6 J	3.0	18.8	3.0	75.6	3.0
Total Dissolved Solids	mg/l	248.	9.7	369.	9.7	348.	9.7
Nitrite Nitrogen	mg/l	N.D.	0.015	N.D.	0.015	N.D.	0.015
Nitrate Nitrogen	mg/l	N.D.	0.040	N.D.	0.040	N.D.	0.040
Ammonia Nitrogen	mg/l	0.30 J	0.20	1.8	0.20	0.86	0.20
Total Phosphorus as P (water)	mg/l	N.D.	0.080	0.15	0.080	0.17	0.080
Sulfate	mg/l	9.7	1.5	8.2	1.5	5.2	1.5
Total Xylenes	ug/l	N.D.	0.6	170.	0.6	3,900.	6.0
Benzene	ug/l	N.D.	0.2	0.3 J	0.2	N.D.	1.0
Toluene	ug/l	N.D.	0.2	1.4	0.2	1.3 J	1.0
Ethylbenzene	ug/l	N.D.	0.2	38.	0.2	1,200.	1.0
Methane	ug/l	45.	2.0	1,100.	200.	3,800.	200.
Ethane	ug/l	N.D.	1.0	N.D.	100.	N.D.	100.
Ethene	ug/l	N.D.	1.0	N.D.	1.0	N.D.	1.0
Propane	ug/l	N.D.	1.0	N.D.	1.0	N.D.	1.0
bis(2-Ethylhexyl)phthalate	ug/l	3. J	1.	2. J	1.	740.	11.

4799004 4799005 4799006

RMT, Inc.
Project: L.E. Carpenter, NJ
SDG: LEC58

Report Date: 7/13/2006 10:22
Submit Date: 6/21/2006 18:15

Analysis Name	Units	MW-19-4		MW-29S G		MW-19-12	
		Result	MDL	Result	MDL	Result	MDL
Lead	mg/l	N.D.	0.0069	N.D.	0.0069	N.D.	0.0069
Heterotrophic Plate Count	cfu/ml	520.	1.	250.	1.	4,000.	1.
Total Suspended Solids	mg/l	8.4 J	3.0	58.8	3.0	11.2 J	3.0
Total Dissolved Solids	mg/l	774.	38.8	504.	19.4	548.	19.4
Nitrite Nitrogen	mg/l	N.D.	0.015	N.D.	0.015	N.D.	0.015
Nitrate Nitrogen	mg/l	2.8	0.040	N.D.	0.040	0.048 J	0.040
Ammonia Nitrogen	mg/l	N.D.	0.20	11.9	0.20	N.D.	0.20
Total Phosphorus as P (water)	mg/l	N.D.	0.080	0.45	0.080	N.D.	0.080
Sulfate	mg/l	45.8	1.5	4.0 J	1.5	15.1	1.5
Total Xylenes	ug/l	N.D.	0.6	0.6 J	0.6	N.D.	0.6
Benzene	ug/l	N.D.	0.2	N.D.	0.2	N.D.	0.2
Toluene	ug/l	N.D.	0.2	N.D.	0.2	N.D.	0.2
Ethylbenzene	ug/l	N.D.	0.2	0.2 J	0.2	N.D.	0.2
Methane	ug/l	N.D.	2.0	1,200.	200.	4.8 J	2.0
Ethane	ug/l	N.D.	1.0	N.D.	1.0	N.D.	1.0
Ethene	ug/l	N.D.	1.0	N.D.	1.0	N.D.	1.0
Propane	ug/l	N.D.	1.0	N.D.	1.0	N.D.	1.0
bis(2-Ethylhexyl)phthalate	ug/l	N.D.	1.	1. J	1.	N.D.	1.

CAT No.	Analysis Name	Method	Trial ID	Analysis Date/Time	Analyst	Dilution
4798998	**TB-02 Water Sample**					
08238	BTEX (EPA 602)	EPA 602	1	6/22/06 1229	K. Robert Caulfeild-Jam	1
4798999	**DUP-03 Grab Water Sample**					
07055	Lead	SW-846 6010B	1	6/28/06 1326	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	6/23/06 2150	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	6/23/06 1038	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	6/23/06 0828	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	6/22/06 0932	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	6/26/06 2254	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	6/30/06 1400	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	6/23/06 1650	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	7/6/06 2052	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	6/29/06 1627	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	6/22/06 1409	K. Robert Caulfeild-Jam	1
00553	Base Neutrals	EPA 625	1	6/28/06 0913	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	6/28/06 0020	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	6/23/06 0500	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	6/22/06 1340	Nancy J Shoop	1
4799000	**MW-25R Grab Water Sample**					
07055	Lead	SW-846 6010B	1	6/28/06 1330	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	6/23/06 2150	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	6/23/06 1038	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	6/23/06 0828	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	6/22/06 0933	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	6/26/06 2255	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	6/30/06 1400	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	6/23/06 1651	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	7/6/06 2134	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	6/29/06 1653	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	6/22/06 1442	K. Robert Caulfeild-Jam	1
00553	Base Neutrals	EPA 625	1	6/28/06 0954	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	6/28/06 0020	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	6/23/06 0500	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	6/22/06 1340	Nancy J Shoop	1
4799001	**MW-30D Grab Water Sample**					
07055	Lead	SW-846 6010B	1	6/28/06 1334	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	6/23/06 2150	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	6/23/06 1038	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	6/23/06 0828	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	6/22/06 0935	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	6/26/06 2257	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	6/30/06 1400	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	6/23/06 1653	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	7/6/06 2148	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	6/29/06 1706	Hai D Nguyen	1

CAT No.	Analysis Name	Method	Trial ID	Analysis Date/Time	Analyst	Dilution
08238	BTEX (EPA 602)	EPA 602	1	6/22/06 1549	K. Robert Caulfeild-Jam	1
00553	Base Neutrals	EPA 625	1	6/28/06 1035	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	6/28/06 0020	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	6/23/06 0500	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	6/22/06 1340	Nancy J Shoop	1
4799002	**MW-30I Grab Water Sample**					
07055	Lead	SW-846 6010B	1	6/28/06 1337	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	6/23/06 2150	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	6/23/06 1038	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	6/23/06 0828	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	6/22/06 0936	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	6/26/06 2258	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	6/30/06 1400	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	6/23/06 1656	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	7/6/06 2202	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	6/29/06 1719	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	6/30/06 1532	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	6/22/06 1622	K. Robert Caulfeild-Jam	1
00553	Base Neutrals	EPA 625	1	6/28/06 1116	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	6/28/06 0020	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	6/23/06 0500	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	6/22/06 1340	Nancy J Shoop	1
4799003	**MW-30S Grab Water Sample**					
07055	Lead	SW-846 6010B	1	6/28/06 1341	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	6/23/06 2150	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	6/23/06 1038	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	6/23/06 0828	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	6/22/06 0937	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	6/26/06 2319	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	6/30/06 1400	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	2	7/7/06 0923	Nicole M Kepley	1
00228	Sulfate	EPA 300.0	1	7/6/06 2245	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	6/29/06 1732	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	6/30/06 1546	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	6/22/06 1655	K. Robert Caulfeild-Jam	10
08238	BTEX (EPA 602)	EPA 602	1	6/22/06 1728	K. Robert Caulfeild-Jam	5
00553	Base Neutrals	EPA 625	1	6/29/06 0632	Brian K Graham	10
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	6/28/06 0020	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	6/23/06 0500	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	6/22/06 1520	Nancy J Shoop	1
4799004	**MW-19-4 Grab Water Sample**					
07055	Lead	SW-846 6010B	1	6/28/06 1345	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	6/23/06 2150	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	6/23/06 1038	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	6/23/06 0828	Susan E Hibner	1

CAT No.	Analysis Name	Method	Trial ID	Analysis Date/Time	Analyst	Dilution
00219	Nitrite Nitrogen	EPA 353.2	1	6/22/06 0938	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	6/26/06 2303	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	6/30/06 1400	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	6/23/06 1703	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	7/6/06 2259	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	6/29/06 1745	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	6/22/06 1302	K. Robert Caulfeild-Jam	1
00553	Base Neutrals	EPA 625	1	6/28/06 1239	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	6/28/06 0020	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	6/23/06 0500	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	6/22/06 1520	Nancy J Shoop	1
4799005	**MW-29S Grab Water Sample**					
07055	Lead	SW-846 6010B	1	6/28/06 1356	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	6/23/06 2150	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	6/23/06 1038	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	6/23/06 0828	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	6/22/06 0940	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	6/26/06 2304	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	6/30/06 1400	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	2	7/7/06 0925	Nicole M Kepley	1
00228	Sulfate	EPA 300.0	1	7/6/06 2313	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	6/29/06 1758	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	6/30/06 1559	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	6/22/06 1941	K. Robert Caulfeild-Jam	1
00553	Base Neutrals	EPA 625	1	6/28/06 1320	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	6/28/06 0020	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	6/23/06 0500	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	6/22/06 1520	Nancy J Shoop	1
4799006	**MW-19-12 Grab Water Sample**					
07055	Lead	SW-846 6010B	1	6/28/06 1359	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	6/23/06 2150	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	6/23/06 1038	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	6/23/06 0828	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	6/22/06 0941	Nicole M Kepley	1
00220	Nitrate Nitrogen	EPA 353.2	1	6/26/06 2305	Venia B McFadden	1
00221	Ammonia Nitrogen	EPA 350.2	1	6/30/06 1400	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	6/23/06 1729	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	7/6/06 2327	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	6/29/06 1811	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	6/22/06 1515	K. Robert Caulfeild-Jam	1
00553	Base Neutrals	EPA 625	1	6/28/06 1401	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	6/28/06 0020	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	6/23/06 0500	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	6/22/06 1520	Nancy J Shoop	1

Client Name: RMT, Inc. Group Number: 994486

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	Max RPD
Batch number: 06173105102A		Sample number(s): 4798999-4799006						
Nitrite Nitrogen	N.D.	0.015	mg/l	94		90-110		
Batch number: 06173109101B		Sample number(s): 4798999-4799002						
Total Phosphorus as P (water)	N.D.	0.080	mg/l	102		90-110		
Batch number: 06173109102A		Sample number(s): 4799003-4799006						
Total Phosphorus as P (water)	N.D.	0.080	mg/l	100		90-110		
Batch number: 06173A36A		Sample number(s): 4798998-4799006						
Total Xylenes	N.D.	0.6	ug/l	99	102	82-120	3	30
Benzene	N.D.	0.2	ug/l	102	104	86-119	3	30
Toluene	N.D.	0.2	ug/l	99	102	82-119	3	30
Ethylbenzene	N.D.	0.2	ug/l	100	102	81-119	2	30
Batch number: 06173WAB625		Sample number(s): 4798999-4799006						
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	81	86	68-111	5	30
Batch number: 06174020601B		Sample number(s): 4798999-4799006						
Total Suspended Solids	N.D.	3.0	mg/l	90		56-128		
Batch number: 06174021201A		Sample number(s): 4798999-4799006						
Total Dissolved Solids	N.D.	9.7	mg/l	94		80-120		
Batch number: 06177106102B		Sample number(s): 4798999-4799006						

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

Nitrate Nitrogen	N.D.	0.040	mg/l	104	89-110
Batch number: 061791848001	Sample number(s): 4798999-4799006				
Lead	N.D.	0.0069	mg/l	100	90-113
Batch number: 061800035A	Sample number(s): 4798999-4799006				
Methane	N.D.	2.0	ug/l	112	80-120
Ethane	N.D.	1.0	ug/l	108	80-120
Ethene	N.D.	1.0	ug/l	103	80-120
Propane	N.D.	1.0	ug/l	98	73-125
Batch number: 06181022101A	Sample number(s): 4798999-4799006				
Ammonia Nitrogen	N.D.	0.20	mg/l	97	91-100
Batch number: 06187196101A	Sample number(s): 4798999-4799006				
Sulfate	N.D.	0.30	mg/l	98	89-110

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	DUP RPD Max
Batch number: 06173105102A	Sample number(s): 4798999-4799006 UNSPK: 4799006 BKG: 4799006								
Nitrite Nitrogen	99		90-110			N.D.	N.D.	75* (1)	20
Batch number: 06173109101B	Sample number(s): 4798999-4799002 UNSPK: P798531 BKG: P798531								
Total Phosphorus as P (water)	106		90-110			N.D.	N.D.	20* (1)	3
Batch number: 06173109102A	Sample number(s): 4799003-4799006 UNSPK: 4799003 BKG: 4799003								
Total Phosphorus as P (water)	96		90-110			0.17	0.13	62* (1)	3

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

Batch number: 06173A36A Sample number(s): 4798998-4799006 UNSPK: 4799004

Total Xylenes	110		84-131						
Benzene	113		78-131						
Toluene	111		78-129						
Ethylbenzene	112		75-133						

Batch number: 06174020601B Sample number(s): 4798999-4799006 BKG: P798813

Total Suspended Solids						224..	212..	6 (1)	20

Batch number: 06174021201A Sample number(s): 4798999-4799006 UNSPK: P798382 BKG: P798382

Total Dissolved Solids	99	95	60-140	2	5	655..	649..	1	5

Batch number: 06177106102B Sample number(s): 4798999-4799006 UNSPK: 4798999 BKG: 4798999

Nitrate Nitrogen	104		90-110			N.D.	N.D.	0 (1)	2

Batch number: 061791848001 Sample number(s): 4798999-4799006 UNSPK: P798418 BKG: P798418

Lead	99	111	75-125	11	20	N.D.	N.D.	-5150 (1)	20

Batch number: 061800035A Sample number(s): 4798999-4799006 UNSPK: 4798999

Methane	153*	85	63-124	21*	20
Ethane	95	80	63-127	17	20
Ethene	95	80	69-126	17	20
Propane	97	80	56-136	19	20

Batch number: 06181022101A Sample number(s): 4798999-4799006 UNSPK: P802899 BKG: P802899

Ammonia Nitrogen	(2)	(2)	64-128	2	8	123,000..	120,000.	2	2

Batch number: 06187196101A Sample number(s): 4798999-4799006 UNSPK: 4798999 BKG: 4798999

Sulfate	99		90-110			2.8 J	3.1 J	10* (1)	3

Surrogate Quality Control

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

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

Analysis Name: BTEX (EPA 602)
Batch number: 06173A36A

	Trifluorotoluene-P
4798998	103
4798999	102
4799000	101
4799001	104
4799002	98
4799003	98
4799004	102
4799005	101
4799006	101
Blank	101
LCS	102
LCSD	103
MS	103
Limits:	69-129

Analysis Name: Base Neutrals
Batch number: 06173WAB625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4798999	86	86	84
4799000	89	88	81
4799001	83	86	86
4799002	71	80	76
4799003	90	89	87
4799004	85	91	80
4799005	80	79	79
4799006	82	85	81
Blank	84	86	88
LCS	85	84	89
LCSD	85	87	90
Limits:	48-117	62-111	33-155

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

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 061800035A

	Propene
4798999	79
4799000	68
4799001	79
4799002	73
4799003	81
4799004	75
4799005	64
4799006	79
Blank	84
LCS	82
MS	63
MSD	59
Limits:	48-132

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

QC Comment

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

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

4798998 TB-02 Water Sample

State of New Jersey Lab Certification No. PA011

4798999 DUP-03 Grab Water Sample

00307 Heterotrophic Plate Count
This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.

The sample was plated by Jeff Groff on 6-21-06 by 2210.

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

4799000 MW-25R Grab Water Sample

00307 Heterotrophic Plate Count
This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.

The sample was plated by Jeff Groff on 6-21-06 by 2210.

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

4799001 MW-30D Grab Water Sample

00307 Heterotrophic Plate Count
This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.

The sample was plated by Jeff Groff on 6-21-06 by 2210.

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

4799002 MW-30I Grab Water Sample

00307 Heterotrophic Plate Count
This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.

The sample was plated by Jeff Groff on 6-21-06 by 2210.

07105 Volatile Headspace Hydrocarbon
Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for ethane. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

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

4799003 MW-30S Grab Water Sample

00307 Heterotrophic Plate Count
This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.

The sample was plated by Jeff Groff on 6-21-06 by 2210.

07105 Volatile Headspace Hydrocarbon
Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for ethane. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

08238 BTEX (EPA 602)
Due to the nature of the sample matrix, normal reporting limits were not attained.

00553 Base Neutrals
Due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.

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

4799004 MW-19-4 Grab Water Sample

00307 Heterotrophic Plate Count
This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.

The sample was plated by Jeff Groff on 6-21-06 by 2210.

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

4799005 MW-29S Grab Water Sample

00307 Heterotrophic Plate Count
The plating was performed by Jeff Groff on 062106 at 2210.

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

4799006 MW-19-12 Grab Water Sample

00307 Heterotrophic Plate Count
This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.

The sample was plated by Jeff Groff on 6-21-06 by 2210.

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

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

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

608-831-4444

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 994496. Samples arrived at the laboratory on Thursday, June 22, 2006. The PO# for this group is 6527.18.

Client Description	Lancaster Labs Number
TB-03 Water Sample	4799047
RB-01 Grab Water Sample	4799048
MW-28s Grab Water Sample	4799049

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Michele J. Smith

Michele J. Smith
Group Leader

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4799047

TB-03 Water Sample
L.E. Carpenter, NJ

Collected: n.a.

Account Number: 09322

Submitted: 06/22/2006 08:55
Reported: 07/07/2006 at 15:26
Discard: 08/07/2006

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

CAR-T SDG#: LEC58-10TB

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

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 10:14	K. Robert Caulfeild-James	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4799048

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

Collected:06/21/2006 18:10 by SP

Account Number: 09322

Submitted: 06/22/2006 08:55
Reported: 07/07/2006 at 15:26
Discard: 08/07/2006

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

CAR-R SDG#: LEC58-11RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 10:47	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	06/28/2006 14:43	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 05:00	David V Hershey Jr	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4799049

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

Collected: 06/21/2006 17:53 by SP

Account Number: 09322

Submitted: 06/22/2006 08:55
Reported: 07/07/2006 at 15:26
Discard: 08/07/2006

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

CAR28 SDG#: LEC58-12

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.		0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	6.		1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.						
	The sample was plated by Marlaina Raines on 6-22-06 by 1200.						
00206	Total Suspended Solids	n.a.	35.2		3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	350.		9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	0.35	J	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.25		0.080	mg/l	1
00228	Sulfate	14808-79-8	2.6	J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	3,100.		200.	ug/l	100
07107	Ethane	74-84-0	N.D.		15.	ug/l	100
07108	Ethene	74-85-1	N.D.		1.0	ug/l	1
07109	Propane	74-98-6	N.D.		1.0	ug/l	1
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for ethane. The presence or concentration of this compound cannot be determined due to the presence of this interferent.						
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	1,400.		3.0	ug/l	5
07029	Benzene	71-43-2	1.6	J	1.0	ug/l	5
07030	Toluene	108-88-3	N.D.		1.0	ug/l	5
07031	Ethylbenzene	100-41-4	560.		1.0	ug/l	5
	Due to the nature of the sample matrix, normal reporting limits were not attained.						
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	100.		1.	ug/l	1

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

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Analysis Report

Lancaster Laboratories Sample No. WW 4799049

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

Collected: 06/21/2006 17:53 by SP

Account Number: 09322

Submitted: 06/22/2006 08:55
Reported: 07/07/2006 at 15:26
Discard: 08/07/2006

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

CAR28 SDG#: LEC58-12

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 14:03	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/26/2006 11:05	Marlaina E Raines	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/23/2006 10:48	Susan E Hibner	1
00212	Total Dissolved Solids	EPA 160.1	1	06/23/2006 08:28	Susan E Hibner	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/22/2006 20:19	Courtney A Shoff	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/29/2006 23:27	Courtney A Shoff	1
00221	Ammonia Nitrogen	EPA 350.2	1	06/30/2006 14:00	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/23/2006 17:30	Courtney A Shoff	1
00228	Sulfate	EPA 300.0	1	07/06/2006 23:41	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/29/2006 18:24	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/30/2006 16:12	Hai D Nguyen	100
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/30/2006 18:24	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	06/23/2006 11:20	K. Robert Caulfeild-James	5
00553	Base Neutrals	EPA 625	1	06/28/2006 15:24	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 05:00	David V Hershey Jr	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/22/2006 15:20	Nancy J Shoop	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 994496
Reported: 07/07/06 at 03:26 PM

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06173105103A	Sample number(s): 4799049							
Nitrite Nitrogen	N.D.	0.015	mg/l	100		90-110		
Batch number: 06173109102A	Sample number(s): 4799049							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	100		90-110		
Batch number: 06173A36B	Sample number(s): 4799047-4799049							
Total Xylenes	N.D.	0.6	ug/l	99	102	82-120	3	30
Benzene	N.D.	0.2	ug/l	102	104	86-119	3	30
Toluene	N.D.	0.2	ug/l	99	102	82-119	3	30
Ethylbenzene	N.D.	0.2	ug/l	100	102	81-119	2	30
Batch number: 06173WAB625	Sample number(s): 4799048-4799049							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	81	86	68-111	5	30
Batch number: 06174020601A	Sample number(s): 4799049							
Total Suspended Solids	N.D.	3.0	mg/l	90		56-128		
Batch number: 06174021201A	Sample number(s): 4799049							
Total Dissolved Solids	N.D.	9.7	mg/l	94		80-120		
Batch number: 061791848001	Sample number(s): 4799049							
Lead	N.D.	0.0069	mg/l	100		90-113		
Batch number: 061800035A	Sample number(s): 4799049							
Methane	N.D.	2.0	ug/l	112		80-120		
Ethane	N.D.	1.0	ug/l	108		80-120		
Ethene	N.D.	1.0	ug/l	103		80-120		
Propane	N.D.	1.0	ug/l	98		73-125		
Batch number: 06180106103B	Sample number(s): 4799049							
Nitrate Nitrogen	N.D.	0.040	mg/l	109		89-110		
Batch number: 06181022101A	Sample number(s): 4799049							
Ammonia Nitrogen	N.D.	0.20	mg/l	97		91-100		
Batch number: 06187196101A	Sample number(s): 4799049							
Sulfate	N.D.	0.30	mg/l	98		89-110		

Sample Matrix Quality Control

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

MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

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

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 994496
Reported: 07/07/06 at 03:26 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: 06173105103A	Sample number(s): 4799049 UNSPK: P799153 BKG: P799153								
Nitrite Nitrogen	107		90-110			N.D.	N.D.	189* (1)	20
Batch number: 06173109102A	Sample number(s): 4799049 UNSPK: P799003 BKG: P799003								
Total Phosphorus as P (water)	96		90-110			0.17	0.13	62* (1)	3
Batch number: 06173A36B	Sample number(s): 4799047-4799049 UNSPK: P799004								
Total Xylenes	110		84-131						
Benzene	113		78-131						
Toluene	111		78-129						
Ethylbenzene	112		75-133						
Batch number: 06174020601A	Sample number(s): 4799049 BKG: P798382								
Total Suspended Solids						16.8	16.4	2 (1)	20
Batch number: 06174021201A	Sample number(s): 4799049 UNSPK: P798382 BKG: P798382								
Total Dissolved Solids	99	95	60-140	2	5	655.	649.	1	5
Batch number: 061791848001	Sample number(s): 4799049 UNSPK: P798418 BKG: P798418								
Lead	99	111	75-125	11	20	N.D.	N.D.	-5150 (1)	20
Batch number: 061800035A	Sample number(s): 4799049 UNSPK: P798999								
Methane	153*	85	63-124	21*	20				
Ethane	95	80	63-127	17	20				
Ethene	95	80	69-126	17	20				
Propane	97	80	56-136	19	20				
Batch number: 06180106103B	Sample number(s): 4799049 UNSPK: P800267 BKG: P800267								
Nitrate Nitrogen	87*		90-110			0.058 J	0.055 J	5* (1)	2
Batch number: 06181022101A	Sample number(s): 4799049 UNSPK: P802899 BKG: P802899								
Ammonia Nitrogen	(2)	(2)	64-128	2	8	123,000.	120,000.	2	2
Batch number: 06187196101A	Sample number(s): 4799049 UNSPK: P798999 BKG: P798999								
Sulfate	99		90-110			2.8 J	3.1 J	10* (1)	3

Surrogate Quality Control

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

Analysis Name: BTEX (EPA 602)
Batch number: 06173A36B

	Trifluorotoluene-P
4799047	103
4799048	106
4799049	101
Blank	100
LCS	102
LCSD	103
MS	103
Limits:	69-129

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

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 07/07/06 at 03:26 PM

Group Number: 994496

Surrogate Quality Control

Analysis Name: Base Neutrals
Batch number: 06173WAB625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4799048	84	89	85
4799049	82	90	80
Blank	84	86	88
LCS	85	84	89
LCSD	85	87	90
Limits:	48-117	62-111	33-155

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 061800035A

	Propene
4799049	68
Blank	84
LCS	82
MS	63
MSD	59
Limits:	48-132

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. # 09322 Group# 994496 Sample # 4799047-49

COC # 0124289

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

(1)
Client: RMT Inc — Acct. #:
Project Name/#: L.E. Carpenter — PWSID #:
Project Manager: Nick Clevett — P.O.#: 6527.18
Sampler: SP/EV — Quote #:
Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR #:

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

Sample Identification	Date	Time						Total P	Sulfate, TDS, TSS	Diss. Pb	Ammonia Nitrogen	HPC	Base Neutrals	Nitrate Nitrogen	Nitrite Nitrogen	BTEX (EPA 602)	Volatile Hydrocarbon	Remarks
TB-03						X	2									X		BTEX only
RB-01	6/21/06	1810	X			X	5						X			X		Base Neutrals + BTEX Only
MW-28S	6/21/06	1753	X			X	15	X	X	X	X	X	X	X	X	X		

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

(8)
Data Package Options (please circle if required)
QC Summary — Type VI (Raw Data)
Type I (Tier I) — GLP
Type II (Tier II) — Other
Type III (NJ Red. Del.)
Type IV (CLP)

SDG Complete? Yes No
Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6/21/06	1930	Fed Ex		
			[signature]	6/22/06	0855

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.02

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

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

608-831-4444

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 994737. Samples arrived at the laboratory on Thursday, June 22, 2006. The PO# for this group is 6527.18.

Client Description	Lancaster Labs Number
MW-28I Grab Water Sample	4800267
RB-02 Grab Water Sample	4800268
MW-27S Grab Water Sample	4800269
Trip Blank Water Sample	4800270

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Michele J. Smith

Michele J. Smith
Group Leader

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Analysis Report

Lancaster Laboratories Sample No. WW 4800267

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

Collected:06/22/2006 10:20 by SP

Account Number: 09322

Submitted: 06/22/2006 20:30
Reported: 07/07/2006 at 14:49
Discard: 08/07/2006

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

MW28I SDG#: LEC58-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	290.	1.	cfu/ml	n.a.
	This result is an estimated count. At least one plate used to calculate the result is outside the established counting range of 30 to 300 colony forming units (cfu) per dilution.					
	The plating was performed by Jeff Groff on 062206 at 2130.					
	There was also mold growth on this sample plates, that may have influenced the sample count.					
00206	Total Suspended Solids	n.a.	28.0	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	367.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	0.047 J	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	0.22	0.080	mg/l	1
00228	Sulfate	14808-79-8	2.2 J	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	1,900.	200.	ug/l	100
07107	Ethane	74-84-0	N.D.	10.	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for ethane. The presence or concentration of this compound cannot be determined due to the presence of this interferent.					
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	1,300.	3.0	ug/l	5
07029	Benzene	71-43-2	N.D.	1.0	ug/l	5
07030	Toluene	108-88-3	N.D.	1.0	ug/l	5
07031	Ethylbenzene	100-41-4	480.	1.0	ug/l	5
	Due to the nature of the sample matrix, normal reporting limits were not attained.					
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	270.	10.	ug/l	10

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Analysis Report

Lancaster Laboratories Sample No. WW 4800267

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

Collected:06/22/2006 10:20 by SP

Account Number: 09322

Submitted: 06/22/2006 20:30
Reported: 07/07/2006 at 14:49
Discard: 08/07/2006

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

MW28I SDG#: LEC58-13

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

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 14:07	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/26/2006 09:20	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/27/2006 08:13	Christopher M Cunningham	1
00212	Total Dissolved Solids	EPA 160.1	1	06/27/2006 08:55	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/23/2006 16:47	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/29/2006 23:38	Courtney A Shoff	1
00221	Ammonia Nitrogen	EPA 350.2	1	07/03/2006 17:30	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/28/2006 19:11	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	07/07/2006 01:48	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/29/2006 19:55	Hai D Nguyen	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/30/2006 17:04	Hai D Nguyen	100
08238	BTEX (EPA 602)	EPA 602	1	06/26/2006 16:49	K. Robert Caulfeild-James	5
00553	Base Neutrals	EPA 625	1	07/01/2006 04:01	Brian K Graham	10
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 16:00	Emma L Eck	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/23/2006 16:45	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4800268

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

Collected:06/22/2006 12:00 by SP

Account Number: 09322

Submitted: 06/22/2006 20:30
Reported: 07/07/2006 at 14:49
Discard: 08/07/2006

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

RB-02 SDG#: LEC58-14RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	120.	1.	cfu/ml	n.a.
	The plating was performed by Jeff Groff on 062206 at 2130.					
00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	N.D.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	N.D.	1.5	mg/l	5
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	N.D.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

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

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

Laboratory Chronicle

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Analysis Report

Lancaster Laboratories Sample No. WW 4800268

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

Collected:06/22/2006 12:00 by SP

Account Number: 09322

Submitted: 06/22/2006 20:30
Reported: 07/07/2006 at 14:49
Discard: 08/07/2006

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

RB-02 SDG#: LEC58-14RB

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 14:11	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/26/2006 09:20	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/27/2006 08:13	Christopher M Cunningham	1
00212	Total Dissolved Solids	EPA 160.1	1	06/27/2006 08:55	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/23/2006 16:48	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/30/2006 11:33	Brian C Veety	1
00221	Ammonia Nitrogen	EPA 350.2	1	07/03/2006 17:30	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/28/2006 19:15	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	07/07/2006 02:02	Ashley M Heckman	5
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/30/2006 17:17	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	06/26/2006 14:03	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	06/30/2006 19:12	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 16:00	Emma L Eck	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/23/2006 16:45	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4800269

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

Collected:06/22/2006 12:50 by SP

Account Number: 09322

Submitted: 06/22/2006 20:30
Reported: 07/07/2006 at 14:49
Discard: 08/07/2006

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

27S-- SDG#: LEC58-15

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00307	Heterotrophic Plate Count	n.a.	See attached comment		1.	cfu/ml	n.a.
	The plating was performed by Jeff Groff on 062206 at 2130.						
	This sample could not be enumerated due to the presence of spreader-type colony growth on all sample plates.						
00206	Total Suspended Solids	n.a.	5,180.		30.0	mg/l	1
00212	Total Dissolved Solids	n.a.	630.		19.4	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.		0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.		0.040	mg/l	1
07105	Volatile Headspace Hydrocarbon						
07106	Methane	74-82-8	20.		2.0	ug/l	1
07107	Ethane	74-84-0	11.		1.0	ug/l	1
07108	Ethene	74-85-1	7.5		1.0	ug/l	1
07109	Propane	74-98-6	4.8	J	1.0	ug/l	1
08238	BTEX (EPA 602)						
05538	Total Xylenes	1330-20-7	14.		0.6	ug/l	1
07029	Benzene	71-43-2	0.6	J	0.2	ug/l	1
07030	Toluene	108-88-3	3.9		0.2	ug/l	1
07031	Ethylbenzene	100-41-4	3.7		0.2	ug/l	1
00553	Base Neutrals						
00669	bis(2-Ethylhexyl)phthalate	117-81-7	3.	J	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

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

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Analysis Report

Lancaster Laboratories Sample No. WW 4800269

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

Collected:06/22/2006 12:50 by SP

Account Number: 09322

Submitted: 06/22/2006 20:30
Reported: 07/07/2006 at 14:49
Discard: 08/07/2006

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

27S-- SDG#: LEC58-15

00307	Heterotrophic Plate Count	SM20 9215 B	1	06/26/2006 09:20	Jeffrey B Groff	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/27/2006 08:13	Christopher M Cunningham	1
00212	Total Dissolved Solids	EPA 160.1	1	06/27/2006 08:55	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/23/2006 16:49	Venia B McFadden	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/30/2006 11:31	Brian C Veety	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/30/2006 17:31	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	06/26/2006 15:09	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	06/30/2006 20:03	Brian K Graham	1
08108	625 Water Extraction	EPA 625	1	06/23/2006 16:00	Emma L Eck	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4800270

Trip Blank Water Sample
L.E. Carpenter, NJ

Collected: n.a.

Submitted: 06/22/2006 20:30
Reported: 07/07/2006 at 14:49
Discard: 08/07/2006

Account Number: 09322

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

TBLEC SDG#: LEC58-16TB

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

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/26/2006 12:56	K. Robert Caulfeild-James	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 07/07/06 at 02:49 PM

Group Number: 994737

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06173A36C	Sample number(s): 4800267-4800270							
Total Xylenes	N.D.	0.6	ug/l	99	102	82-120	3	30
Benzene	N.D.	0.2	ug/l	102	104	86-119	3	30
Toluene	N.D.	0.2	ug/l	99	102	82-119	3	30
Ethylbenzene	N.D.	0.2	ug/l	100	102	81-119	2	30
Batch number: 06174105101A	Sample number(s): 4800267-4800269							
Nitrite Nitrogen	N.D.	0.015	mg/l	96		90-110		
Batch number: 06174109102B	Sample number(s): 4800267-4800268							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	102		90-110		
Batch number: 06174WAA625	Sample number(s): 4800267-4800269							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	93	92	68-111	0	30
Batch number: 06178020601A	Sample number(s): 4800267							
Total Suspended Solids	N.D.	3.0	mg/l	82		56-128		
Batch number: 06178020601B	Sample number(s): 4800268-4800269							
Total Suspended Solids	N.D.	3.0	mg/l	82		56-128		
Batch number: 06178021201A	Sample number(s): 4800267-4800269							
Total Dissolved Solids	N.D.	9.7	mg/l	98		80-120		
Batch number: 061791848001	Sample number(s): 4800267-4800268							
Lead	N.D.	0.0069	mg/l	100		90-113		
Batch number: 061800035A	Sample number(s): 4800267-4800269							
Methane	N.D.	2.0	ug/l	112		80-120		
Ethane	N.D.	1.0	ug/l	108		80-120		
Ethene	N.D.	1.0	ug/l	103		80-120		
Propane	N.D.	1.0	ug/l	98		73-125		
Batch number: 06180106103B	Sample number(s): 4800267							
Nitrate Nitrogen	N.D.	0.040	mg/l	109		89-110		
Batch number: 06181106102A	Sample number(s): 4800268-4800269							
Nitrate Nitrogen	N.D.	0.040	mg/l	107		89-110		
Batch number: 06184022101A	Sample number(s): 4800267-4800268							
Ammonia Nitrogen	N.D.	0.20	mg/l	98	98	91-100	1	1
Batch number: 06187196101B	Sample number(s): 4800267-4800268							
Sulfate	N.D.	0.30	mg/l	98		89-110		

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

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 07/07/06 at 02:49 PM

Group Number: 994737

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06173A36C	Sample number(s): 4800267-4800270 UNSPK: P799004								
Total Xylenes	110		84-131						
Benzene	113		78-131						
Toluene	111		78-129						
Ethylbenzene	112		75-133						
Batch number: 06174105101A	Sample number(s): 4800267-4800269 UNSPK: P800273 BKG: P800273								
Nitrite Nitrogen	107		90-110			0.017 J	0.017 J	1 (1)	20
Batch number: 06174109102B	Sample number(s): 4800267-4800268 UNSPK: P799985 BKG: P799985								
Total Phosphorus as P (water)	107		90-110			0.094 J	0.090 J	4* (1)	3
Batch number: 06178020601A	Sample number(s): 4800267 BKG: P799275								
Total Suspended Solids						2,360.	2,330.	1	20
Batch number: 06178020601B	Sample number(s): 4800268-4800269 BKG: P799276								
Total Suspended Solids						2,060.	2,010.	2	20
Batch number: 06178021201A	Sample number(s): 4800267-4800269 UNSPK: P800300 BKG: P800302								
Total Dissolved Solids	109	119	60-140	4	5	8,440.	7,720.	9*	5
Batch number: 061791848001	Sample number(s): 4800267-4800268 UNSPK: P798418 BKG: P798418								
Lead	99	111	75-125	11	20	N.D.	N.D.	-5150 (1)	20
Batch number: 061800035A	Sample number(s): 4800267-4800269 UNSPK: P798999								
Methane	153*	85	63-124	21*	20				
Ethane	95	80	63-127	17	20				
Ethene	95	80	69-126	17	20				
Propane	97	80	56-136	19	20				
Batch number: 06180106103B	Sample number(s): 4800267 UNSPK: 4800267 BKG: 4800267								
Nitrate Nitrogen	87*		90-110			0.058 J	0.055 J	5* (1)	2
Batch number: 06181106102A	Sample number(s): 4800268-4800269 UNSPK: 4800269 BKG: 4800269								
Nitrate Nitrogen	88*		90-110			N.D.	N.D.	200* (1)	2
Batch number: 06184022101A	Sample number(s): 4800267-4800268 BKG: P803306								
Ammonia Nitrogen						0.64	0.60 J	7* (1)	2
Batch number: 06187196101B	Sample number(s): 4800267-4800268 UNSPK: P800708 BKG: P800708								
Sulfate	102		90-110			11.9	11.8	1 (1)	3

Surrogate Quality Control

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

Analysis Name: BTEX (EPA 602)

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

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 07/07/06 at 02:49 PM

Group Number: 994737

Surrogate Quality Control

Batch number: 06173A36C

	Trifluorotoluene-P
4800267	100
4800268	102
4800269	104
4800270	102
Blank	101
LCS	102
LCSD	103
MS	103
Limits:	69-129

Analysis Name: Base Neutrals
Batch number: 06174WAA625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4800267	98	93	131
4800268	88	87	97
4800269	99	90	90
Blank	87	91	98
LCS	89	90	104
LCSD	93	92	99
Limits:	48-117	62-111	33-155

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 061800035A

	Propene
4800267	65
4800268	70
4800269	87
Blank	84
LCS	82
MS	63
MSD	59
Limits:	48-132

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

Analysis Request, Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 994737 Sample # 4800267-70

COC # 0124290

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

(1)

Client: RMT INC Acct. #:

Project Name/#: L.E. CARPENTER PWSID #:

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

Sampler: SP/EV Quote #:

Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR #:

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

									Total P	Sulfate, TDS, TSS	Diss. Pb	Ammonia Nitrogen	HPC	Base Neutrals	Nitrate Nitrogen	Nitrite Nitrogen	BTEX (EPA 602) Volatile Hydrocarbon	Remarks
MW-28I	6/22/06	1020	X			X		15	X	X	X	X	X	X	X	X	X	
RB-02	6/22/06	1200	X			X		15	X	X	X	X	X	X	X	X	X	
MW-27S	6/22/06	1250	X			X		11		1			X	X	X	X	X	REMAINING SAMPLED 6/23
																		2.0-2.8° C

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

(8) **Data Package Options** (please circle if required)
QC Summary Type VI (Raw Data)
Type I (Tier I) GLP
Type II (Tier II) Other
Type III (NJ Red. Del.)
Type IV (CLP)

SDG Complete? Yes No

Site-specific QC required? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal Chain of Custody required? Yes No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6/22/06	1610	[signature]	6/22	
[signature]	6/22/06	2030			
			R. [signature]	6/23/06	2030

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.02

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

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

608-831-4444

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 994922. Samples arrived at the laboratory on Friday, June 23, 2006. The PO# for this group is 6527.18.

Client Description	Lancaster Labs Number
TB-05 Water Sample	4801394
MW-27S Grab Water Sample	4801395
RB-03 Grab Water Sample	4801396
MW-27S Grab Water Sample	4801397

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Rachel R. Cochis

Rachel R. Cochis
Group Leader

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 4801394

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

Collected: n.a.

Account Number: 09322

Submitted: 06/23/2006 18:35
Reported: 07/14/2006 at 14:15
Discard: 08/14/2006

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

TB05- SDG#: LEC58-17TB

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

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08238	BTEX (EPA 602)	EPA 602	1	06/26/2006 13:30	K. Robert Caulfeild-James	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4801395

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

Collected:06/23/2006 07:15 by SP

Account Number: 09322

Submitted: 06/23/2006 18:35
Reported: 07/14/2006 at 14:15
Discard: 08/14/2006

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

MW27S SDG#: LEC58-18

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00221	Ammonia Nitrogen	7664-41-7	0.26	J	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	4.8		0.16	mg/l	2

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00221	Ammonia Nitrogen	EPA 350.2	1	07/03/2006 17:30	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/28/2006 20:15	Venia B McFadden	2
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/27/2006 13:10	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4801396

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

Collected:06/23/2006 07:45 by SP

Account Number: 09322

Submitted: 06/23/2006 18:35
Reported: 07/14/2006 at 14:15
Discard: 08/14/2006

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

RB03- SDG#: LEC58-19RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00307	Heterotrophic Plate Count	n.a.	250.	1.	cfu/ml	n.a.

Spreader-type colony growth was observed on one or more of the plates used in enumerating this sample. This growth may have interfered with an accurate counting of the plate.

The plating was performed by Keith Hoover on 062306 at 2000.

This count is estimated due to the presence of spreader-type colony growth on one of the plates used in the enumeration of this sample.

00206	Total Suspended Solids	n.a.	N.D.	3.0	mg/l	1
00212	Total Dissolved Solids	n.a.	N.D.	9.7	mg/l	1
00219	Nitrite Nitrogen	14797-65-0	N.D.	0.015	mg/l	1
00220	Nitrate Nitrogen	14797-55-8	N.D.	0.040	mg/l	1
00221	Ammonia Nitrogen	7664-41-7	N.D.	0.20	mg/l	1
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.080	mg/l	1
00228	Sulfate	14808-79-8	N.D.	0.30	mg/l	1
07105	Volatile Headspace Hydrocarbon					
07106	Methane	74-82-8	N.D.	2.0	ug/l	1
07107	Ethane	74-84-0	N.D.	1.0	ug/l	1
07108	Ethene	74-85-1	N.D.	1.0	ug/l	1
07109	Propane	74-98-6	N.D.	1.0	ug/l	1
08238	BTEX (EPA 602)					
05538	Total Xylenes	1330-20-7	N.D.	0.6	ug/l	1
07029	Benzene	71-43-2	N.D.	0.2	ug/l	1
07030	Toluene	108-88-3	N.D.	0.2	ug/l	1
07031	Ethylbenzene	100-41-4	N.D.	0.2	ug/l	1
00553	Base Neutrals					
00669	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	1.	ug/l	1

State of New Jersey Lab Certification No. PA011

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Analysis Report

Lancaster Laboratories Sample No. WW 4801396

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

Collected:06/23/2006 07:45 by SP

Account Number: 09322

Submitted: 06/23/2006 18:35
Reported: 07/14/2006 at 14:15
Discard: 08/14/2006

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

RB03- SDG#: LEC58-19RB

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 14:14	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	06/26/2006 09:30	Keith A Hoover	n.a.
00206	Total Suspended Solids	EPA 160.2	1	06/27/2006 08:13	Christopher M Cunningham	1
00212	Total Dissolved Solids	EPA 160.1	1	06/28/2006 08:44	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	06/24/2006 09:41	Courtney A Shoff	1
00220	Nitrate Nitrogen	EPA 353.2	1	06/29/2006 16:57	Courtney A Shoff	1
00221	Ammonia Nitrogen	EPA 350.2	1	07/03/2006 17:30	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	06/28/2006 19:58	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	07/13/2006 20:16	Ashley M Heckman	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	06/30/2006 17:57	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	06/26/2006 14:36	K. Robert Caulfeild-James	1
00553	Base Neutrals	EPA 625	1	06/30/2006 20:54	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	06/26/2006 16:45	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	06/27/2006 13:10	Nancy J Shoop	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4801397

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

Collected:06/22/2006 19:00 by SP

Account Number: 09322

Submitted: 06/23/2006 18:35
Reported: 07/14/2006 at 14:16
Discard: 08/14/2006

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

MW27S SDG#: LEC58-20*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07055	Lead	7439-92-1	N.D.	0.0069	mg/l	1
00228	Sulfate	14808-79-8	43.3	1.5	mg/l	5

State of New Jersey Lab Certification No. PA011

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	06/28/2006 14:18	Joanne M Gates	1
00228	Sulfate	EPA 300.0	1	07/13/2006 20:30	Ashley M Heckman	5
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	06/28/2006 00:20	Helen L Schaeffer	1

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 994922
Reported: 07/14/06 at 02:16 PM

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06173A36C	Sample number(s): 4801394,4801396							
Total Xylenes	N.D.	0.6	ug/l	99	102	82-120	3	30
Benzene	N.D.	0.2	ug/l	102	104	86-119	3	30
Toluene	N.D.	0.2	ug/l	99	102	82-119	3	30
Ethylbenzene	N.D.	0.2	ug/l	100	102	81-119	2	30
Batch number: 06175105101A	Sample number(s): 4801396							
Nitrite Nitrogen	N.D.	0.015	mg/l	101		90-110		
Batch number: 06177WAD625	Sample number(s): 4801396							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	108	104	68-111	4	30
Batch number: 06178020601B	Sample number(s): 4801396							
Total Suspended Solids	N.D.	3.0	mg/l	82		56-128		
Batch number: 06178109101B	Sample number(s): 4801395-4801396							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	107		90-110		
Batch number: 06179021201A	Sample number(s): 4801396							
Total Dissolved Solids	N.D.	9.7	mg/l	95		80-120		
Batch number: 061791848001	Sample number(s): 4801396-4801397							
Lead	N.D.	0.0069	mg/l	100		90-113		
Batch number: 061800035A	Sample number(s): 4801396							
Methane	N.D.	2.0	ug/l	112		80-120		
Ethane	N.D.	1.0	ug/l	108		80-120		
Ethene	N.D.	1.0	ug/l	103		80-120		
Propane	N.D.	1.0	ug/l	98		73-125		
Batch number: 06180106101A	Sample number(s): 4801396							
Nitrate Nitrogen	N.D.	0.040	mg/l	106		89-110		
Batch number: 06184022101A	Sample number(s): 4801395-4801396							
Ammonia Nitrogen	N.D.	0.20	mg/l	98	98	91-100	1	1
Batch number: 06194196101A	Sample number(s): 4801396-4801397							
Sulfate	N.D.	0.30	mg/l	99		89-110		

Sample Matrix Quality Control

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

	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

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

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc. Group Number: 994922
Reported: 07/14/06 at 02:16 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: 06173A36C	Sample number(s): 4801394,4801396 UNSPK: P799004								
Total Xylenes	110		84-131						
Benzene	113		78-131						
Toluene	111		78-129						
Ethylbenzene	112		75-133						
Batch number: 06175105101A	Sample number(s): 4801396 UNSPK: P801398 BKG: P801398								
Nitrite Nitrogen	109		90-110			N.D.	N.D.	10 (1)	20
Batch number: 06178020601B	Sample number(s): 4801396 BKG: P799276								
Total Suspended Solids						2,060.	2,010.	2	20
Batch number: 06178109101B	Sample number(s): 4801395-4801396 UNSPK: P800708 BKG: P800708								
Total Phosphorus as P (water)	101		90-110			0.23	0.23	2 (1)	3
Batch number: 06179021201A	Sample number(s): 4801396 UNSPK: P801529 BKG: P801526								
Total Dissolved Solids	92	88	60-140	1	5	4,030.	4,090.	2	5
Batch number: 061791848001	Sample number(s): 4801396-4801397 UNSPK: P798418 BKG: P798418								
Lead	99	111	75-125	11	20	N.D.	N.D.	-5150 (1)	20
Batch number: 061800035A	Sample number(s): 4801396 UNSPK: P798999								
Methane	153*	85	63-124	21*	20				
Ethane	95	80	63-127	17	20				
Ethene	95	80	69-126	17	20				
Propane	97	80	56-136	19	20				
Batch number: 06180106101A	Sample number(s): 4801396 UNSPK: P801390 BKG: P801390								
Nitrate Nitrogen	99		90-110			N.D.	N.D.	0 (1)	2
Batch number: 06184022101A	Sample number(s): 4801395-4801396 BKG: P803306								
Ammonia Nitrogen						0.64	0.60 J	7* (1)	2
Batch number: 06194196101A	Sample number(s): 4801396-4801397 UNSPK: 4801397 BKG: 4801397								
Sulfate	125*		90-110			43.3	44.4	3	3

Surrogate Quality Control

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

Analysis Name: BTEX (EPA 602)
Batch number: 06173A36C

	Trifluorotoluene-P
4801394	101
4801396	104
Blank	101
LCS	102
LCSD	103
MS	103
Limits:	69-129

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

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Analysis Report

Quality Control Summary

Client Name: RMT, Inc.
Reported: 07/14/06 at 02:16 PM

Group Number: 994922

Surrogate Quality Control

Analysis Name: Base Neutrals
Batch number: 06177WAD625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4801396	96	95	111
Blank	90	92	111
LCS	94	98	117
LCSD	93	94	114
Limits:	48-117	62-111	33-155

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 061800035A

	Propene
4801396	70
Blank	84
LCS	82
MS	63
MSD	59
Limits:	48-132

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

Analysis Request Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 9322 Group# 884922 Sample # 4801394-7

COC # 0127228

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

(1)
Client: RMT INC Acct. #:
Project Name/#: L.E. CARPENTER PWSID #:
Project Manager: N. CLEVETT P.O.#: 6527.18
Sampler: SP/EV Quote #:
Name of state where samples were collected: NJ

For Lab Use Only
FSC:
SCR#:

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

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

Sample Identification	Date Collected	Time Collected	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Total P	Sulfate, TDS, TSS	Diss. Pb	Ammonia Nitrogen	HPC	Base Neutrals	Nitrate Nitrogen	Nitrite Nitrogen	BTEX (EPA 602) Volatile Headspace	Remarks
TB-05	—	—			X		2									X	TB = BTEX ONLY
MW-27S	6/23/06	0715	X	~~X~~	X		2	X	~~1~~		X						
RB-03	6/23/06	0745			X		15	X	X	O	X	X	X	X	X	X	TOTAL Pb ON RB-03
MW-27S	6/22/06	1900	X		X		2		1	X							
																	1.0-3.9°C

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

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

SDG Complete? Yes No

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

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
~~Scott Paulitzky~~	~~6/23/06~~	~~1000~~	~~FEDEX~~		
Scott Paulitzky	6/23/06	1233	Bill DeLong	6-23-06	1233
Bill DeLong	6-23-06	18:35			
			[signature]	6-23-06	1835

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

2102.03

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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ANALYTICAL RESULTS

Prepared for:

RMT, Inc.
PO Box 8923
Madison WI 53708-8923
608-831-4444

Prepared by:
Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 994922. Samples arrived at the laboratory on Friday, Jun 23 2006.
The project for this group is L. E. Carpenter.
The PO# for this sample group is 6527.18.

Sample No.	Collected	Client Description
4801394		TB-05 Water Sample L.E. Carpenter, NJ
4801395	6/23/2006 7:15	MW-27S Grab Water Sample L.E. Carpenter, NJ
4801396	6/23/2006 7:45	RB-03 Grab Water Sample L.E. Carpenter, NJ
4801397	6/22/2006 19:00	MW-27S Grab Water Sample L.E. Carpenter, NJ

METHODOLOGY
The specified methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicle.

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

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

Respectfully Submitted,

Rachel R. Cochis

Rachel R. Cochis
Group Leader

ANALYTICAL RESULTS

Prepared for:

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2425 New Holland Pike
Lancaster, PA 17605-2425

Group Leader

RMT, Inc.
Project: L.E. Carpenter, NJ
SDG: LEC58

Report Date: 7/14/2006 14:16
Submit Date: 6/23/2006 18:35

Analysis Name	Units	4801394 TB-05 Wa Result	MDL	4801395 MW-27S G Result	MDL	4801396 RB-03 Gr Result	MDL
Lead	mg/l	n.a.	n.a.	n.a.	n.a.	N.D.	0.0069
Heterotrophic Plate Count	cfu/ml	n.a.	n.a.	n.a.	n.a.	250.	1.
Total Suspended Solids	mg/l	n.a.	n.a.	n.a.	n.a.	N.D.	3.0
Total Dissolved Solids	mg/l	n.a.	n.a.	n.a.	n.a.	N.D.	9.7
Nitrite Nitrogen	mg/l	n.a.	n.a.	n.a.	n.a.	N.D.	0.015
Nitrate Nitrogen	mg/l	n.a.	n.a.	n.a.	n.a.	N.D.	0.040
Ammonia Nitrogen	mg/l	n.a.	n.a.	0.26 J	0.20	N.D.	0.20
Total Phosphorus as P (water)	mg/l	n.a.	n.a.	4.8	0.16	N.D.	0.080
Sulfate	mg/l	n.a.	n.a.	n.a.	n.a.	N.D.	0.30
Total Xylenes	ug/l	N.D.	0.6	n.a.	n.a.	N.D.	0.6
Benzene	ug/l	N.D.	0.2	n.a.	n.a.	N.D.	0.2
Toluene	ug/l	N.D.	0.2	n.a.	n.a.	N.D.	0.2
Ethylbenzene	ug/l	N.D.	0.2	n.a.	n.a.	N.D.	0.2
Methane	ug/l	n.a.	n.a.	n.a.	n.a.	N.D.	2.0
Ethane	ug/l	n.a.	n.a.	n.a.	n.a.	N.D.	1.0
Ethene	ug/l	n.a.	n.a.	n.a.	n.a.	N.D.	1.0
Propane	ug/l	n.a.	n.a.	n.a.	n.a.	N.D.	1.0
bis(2-Ethylhexyl)phthalate	ug/l	n.a.	n.a.	n.a.	n.a.	N.D.	1.

Analysis Name	Units	4801397 MW-27S G Result	MDL
Lead	mg/l	N.D.	0.0069
Heterotrophic Plate Count	cfu/ml	n.a.	n.a.
Total Suspended Solids	mg/l	n.a.	n.a.
Total Dissolved Solids	mg/l	n.a.	n.a.
Nitrite Nitrogen	mg/l	n.a.	n.a.
Nitrate Nitrogen	mg/l	n.a.	n.a.
Ammonia Nitrogen	mg/l	n.a.	n.a.
Total Phosphorus as P (water)	mg/l	n.a.	n.a.
Sulfate	mg/l	43.3	1.5
Total Xylenes	ug/l	n.a.	n.a.
Benzene	ug/l	n.a.	n.a.
Toluene	ug/l	n.a.	n.a.
Ethylbenzene	ug/l	n.a.	n.a.
Methane	ug/l	n.a.	n.a.
Ethane	ug/l	n.a.	n.a.
Ethene	ug/l	n.a.	n.a.
Propane	ug/l	n.a.	n.a.
bis(2-Ethylhexyl)phthalate	ug/l	n.a.	n.a.

CAT No.	Analysis Name	Method	Trial ID	Analysis Date/Time	Analyst	Dilution
4801394	**TB-05 Water Sample**					
08238	BTEX (EPA 602)	EPA 602	1	6/26/06 1330	K. Robert Caulfeild-Jam	1
4801395	**MW-27S Grab Water Sample**					
00221	Ammonia Nitrogen	EPA 350.2	1	7/3/06 1730	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	6/28/06 2015	Venia B McFadden	2
08263	Total Phos as P Prep (water)	EPA 365.1	1	6/27/06 1310	Nancy J Shoop	1
4801396	**RB-03 Grab Water Sample**					
07055	Lead	SW-846 6010B	1	6/28/06 1414	Joanne M Gates	1
00307	Heterotrophic Plate Count	SM20 9215 B	1	6/26/06 0930	Keith A Hoover	n.a.
00206	Total Suspended Solids	EPA 160.2	1	6/27/06 0813	Christopher M Cunningh	1
00212	Total Dissolved Solids	EPA 160.1	1	6/28/06 0844	Yolunder Y Bunch	1
00219	Nitrite Nitrogen	EPA 353.2	1	6/24/06 0941	Courtney A Shoff	1
00220	Nitrate Nitrogen	EPA 353.2	1	6/29/06 1657	Courtney A Shoff	1
00221	Ammonia Nitrogen	EPA 350.2	1	7/3/06 1730	Luz M Groff	1
00227	Total Phosphorus as P (water)	EPA 365.1	1	6/28/06 1958	Venia B McFadden	1
00228	Sulfate	EPA 300.0	1	7/13/06 2016	Ashley M Heckman	1
07105	Volatile Headspace Hydrocarbon	SW-846 8015B modified	1	6/30/06 1757	Hai D Nguyen	1
08238	BTEX (EPA 602)	EPA 602	1	6/26/06 1436	K. Robert Caulfeild-Jam	1
00553	Base Neutrals	EPA 625	1	6/30/06 2054	Brian K Graham	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	6/28/06 0020	Helen L Schaeffer	1
08108	625 Water Extraction	EPA 625	1	6/26/06 1645	Olivia I Santiago	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	6/27/06 1310	Nancy J Shoop	1
4801397	**MW-27S Grab Water Sample**					
07055	Lead	SW-846 6010B	1	6/28/06 1418	Joanne M Gates	1
00228	Sulfate	EPA 300.0	1	7/13/06 2030	Ashley M Heckman	5
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	6/28/06 0020	Helen L Schaeffer	1

Client Name: RMT, Inc. Group Number: 994922

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	Max RPD
Batch number: 06173A36C	Sample number(s): 4801394,4801396							
Total Xylenes	N.D.	0.6	ug/l	99	102	82-120	3	30
Benzene	N.D.	0.2	ug/l	102	104	86-119	3	30
Toluene	N.D.	0.2	ug/l	99	102	82-119	3	30
Ethylbenzene	N.D.	0.2	ug/l	100	102	81-119	2	30
Batch number: 06175105101A	Sample number(s): 4801396							
Nitrite Nitrogen	N.D.	0.015	mg/l	101		90-110		
Batch number: 06177WAD625	Sample number(s): 4801396							
bis(2-Ethylhexyl)phthalate	N.D.	1.	ug/l	108	104	68-111	4	30
Batch number: 06178020601B	Sample number(s): 4801396							
Total Suspended Solids	N.D.	3.0	mg/l	82		56-128		
Batch number: 06178109101B	Sample number(s): 4801395-4801396							
Total Phosphorus as P (water)	N.D.	0.080	mg/l	107		90-110		
Batch number: 06179021201A	Sample number(s): 4801396							
Total Dissolved Solids	N.D.	9.7	mg/l	95		80-120		
Batch number: 061791848001	Sample number(s): 4801396-4801397							
Lead	N.D.	0.0069	mg/l	100		90-113		
Batch number: 061800035A	Sample number(s): 4801396							

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

Methane	N.D.	2.0	ug/l	112		80-120		
Ethane	N.D.	1.0	ug/l	108		80-120		
Ethene	N.D.	1.0	ug/l	103		80-120		
Propane	N.D.	1.0	ug/l	98		73-125		
Batch number: 06180106101A	Sample number(s): 4801396							
Nitrate Nitrogen	N.D.	0.040	mg/l	106		89-110		
Batch number: 06184022101A	Sample number(s): 4801395-4801396							
Ammonia Nitrogen	N.D.	0.20	mg/l	98	98	91-100	1	1
Batch number: 06194196101A	Sample number(s): 4801396-4801397							
Sulfate	N.D.	0.30	mg/l	99		89-110		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	DUP RPD Max
Batch number: 06173A36C	Sample number(s): 4801394,4801396 UNSPK: P799004								
Total Xylenes	110		84-131						
Benzene	113		78-131						
Toluene	111		78-129						
Ethylbenzene	112		75-133						
Batch number: 06175105101A	Sample number(s): 4801396 UNSPK: P801398 BKG: P801398								
Nitrite Nitrogen	109		90-110			N.D.	N.D.	10 (1)	20
Batch number: 06178020601B	Sample number(s): 4801396 BKG: P799276								
Total Suspended Solids						2,060..	2,010..	2	20
Batch number: 06178109101B	Sample number(s): 4801395-4801396 UNSPK: P800708 BKG: P800708								

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

Total Phosphorus as P (water)	101		90-110			0.23	0.23	2 (1)	3
Batch number: 06179021201A	Sample number(s): 4801396 UNSPK: P801529 BKG: P801526								
Total Dissolved Solids	92	88	60-140	1	5	4,030..	4,090..	2	5
Batch number: 061791848001	Sample number(s): 4801396-4801397 UNSPK: P798418 BKG: P798418								
Lead	99	111	75-125	11	20	N.D.	N.D.	-5150 (1)	20
Batch number: 061800035A	Sample number(s): 4801396 UNSPK: P798999								
Methane	153*	85	63-124	21*	20				
Ethane	95	80	63-127	17	20				
Ethene	95	80	69-126	17	20				
Propane	97	80	56-136	19	20				
Batch number: 06180106101A	Sample number(s): 4801396 UNSPK: P801390 BKG: P801390								
Nitrate Nitrogen	99		90-110			N.D.	N.D.	0 (1)	2
Batch number: 06184022101A	Sample number(s): 4801395-4801396 BKG: P803306								
Ammonia Nitrogen						0.64	0.60 J	7* (1)	2
Batch number: 06194196101A	Sample number(s): 4801396-4801397 UNSPK: 4801397 BKG: 4801397								
Sulfate	125*		90-110			43.3	44.4	3	3

Surrogate Quality Control

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

Analysis Name: BTEX (EPA 602)
Batch number: 06173A36C

	Trifluorotoluene-P
4801394	101
4801396	104

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

Blank	101
LCS	102
LCSD	103
MS	103
Limits:	69-129

Analysis Name: Base Neutrals
Batch number: 06177WAD625

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4801396	96	95	111
Blank	90	92	111
LCS	94	98	117
LCSD	93	94	114
Limits:	48-117	62-111	33-155

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 061800035A

	Propene
4801396	70
Blank	84
LCS	82
MS	63
MSD	59
Limits:	48-132

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

QC Comment

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

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

4801394 TB-05 Water Sample

State of New Jersey Lab Certification No. PA011

4801395 MW-27S Grab Water Sample

State of New Jersey Lab Certification No. PA011

4801396 RB-03 Grab Water Sample

00307 Heterotrophic Plate Count
Spreader-type colony growth was observed on one or more of the plates used in enumerating this sample. This growth may have interfered with an accurate counting of the plate.

The plating was performed by Keith Hoover on 062306 at 2000.

This count is estimated due to the presence of spreader-type colony growth on one of the plates used in the enumeration of this sample.

State of New Jersey Lab Certification No. PA011

4801397 MW-27S Grab Water Sample

State of New Jersey Lab Certification No. PA011