Supplemental Site Investigation (SI) Report

Former Mirro Plant #20

Chilton, Wisconsin

WDNR BRRTS Nos. 06-08 426946, 02-08-520157, and 07-08-402366

SEH No. NERUB0502.01

July 29, 2013

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July 29, 2013

RE: Former Mirro Plant #20
Supplemental Site Investigation (SI)
Report
Chilton, Wisconsin
WDNR BRRTS Nos. 06-08 426946, 02-08-520157, and 07-08-402366
SEH No. NERUB0502.01

Mr. Alan Nass, Hydrogeologist
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313

Dear Mr. Nass:

On behalf of Newell Rubbermaid Inc. (Newell), Short Elliott Hendrickson Inc. (SEH®) is submitting this Supplemental Supplemental Site Investigation (SI) Report documenting the findings of site investigation activities conducted in February and March 2013 at the former Mirro Plant #20 facility located at 44 Walnut Street in Chilton, Wisconsin.

In a January 23, 2012 e-mail communication you indicated that the closure request for this site was again denied by the WDNR. The denial primarily questioned the source of shallow groundwater contamination on the site. This concern centers around volatile organic compounds (VOCs) detected in samples collected from well MW-8 and two sumps in the building basement. SEH and Mr. Hudson Green of Patriot Environmental Management, LLC met with you on June 19, 2012 to discuss potential steps to reach site closure.

The purpose of the investigative activities performed was to update the VOC in groundwater data at the site and to demonstrate a hydraulic connection between the upgradient deep groundwater contamination and the shallow wells on site that are impacted. The supplemental investigation activities were performed from February and March 2013.

Please call me at 920.287.0678 if you have any questions or comments pertaining to this report.

Sincerely,

Jason Martin, PE, CHMM
Senior Professional Engineer

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Supplemental Site Investigation (SI) Report

Former Mirro Plant #20
Chilton, Wisconsin

Prepared for:
Newell Rubbermaid, Inc.
Atlanta, GA

Prepared by:
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I, John E. Guhl, hereby certify that I am a scientist as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

John E. Guhl, PG Hydrogeologist	120 PG Number	July 29, 2013 Date

I, Jason Martin, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Jason Martin, PE Senior Professional Engineer	32714 PE Number	July 29, 2013 Date

Distribution List

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Supplemental Site Investigation (SI) Report

Former Mirro Plant #20

Prepared for Newell Rubbermaid, Inc.

1.0 Introduction

On behalf of Newell Rubbermaid Inc. (Newell), Short Elliott Hendrickson Inc. (SEH®) has prepared this Supplemental Site Investigation (SI) Report for the former Mirro Plant #20 facility (site) located at 44 Walnut Street in Chilton, Wisconsin (BRRTS #06-08-426946, #02-08-520157, and #07-08-402366). This report documents the findings of supplemental SI activities conducted at the site in February and March 2013.

Site background information can be found in the 2006 and 2008 Site Investigation Reports and the 2011 3rd Stage Site Investigation Report previously submitted to the Wisconsin Department of Natural Resources (WDNR) by SEH. The following sections describe SEH's 2013 supplemental investigation at the site.

SEH submitted a case closure request and GIS registry for the subject property to the WDNR on February 1, 2011. The case closure request was denied by the WDNR, with rationale for denial described in a June 22, 2011 e-mail communication from Alan Nass of the WDNR. SEH discussed the site with Mr. Nass by telephone on August 9, 2011 to identify additional activities required for closure. SEH submitted a progress update to the WDNR on November 30, 2011 with additional groundwater sampling results and five figures to support the closure request. The closure request was again denied by the WDNR in a January 23, 2012 e-mail communication from Mr. Nass, which primarily questioned the source of shallow groundwater contamination on the site. This concern centers around volatile organic compounds (VOCs) detected in samples collected from well MW-8 and two sumps in the building basement. SEH and Mr. Hudson Green of Patriot Environmental Management, LLC met with Mr. Nass on June 19, 2012 to discuss potential steps to reach site closure.

The 2013 supplement site investigation described in this report was performed to assess the likely cause of alleged increases in groundwater contaminant concentrations. The primary goal is to demonstrate a hydraulic connection between the upgradient deep groundwater contamination and the shallow wells on site that are impacted.

2.0 Physiographical and Geological Setting

The August 2006 and September 2008 Site Investigation Reports summarize the physiographical and geological setting of the site, including topography, drainage, regional geology, and regional hydrogeology. The local geology and local hydrogeology sections have been revised to include new site data.

2.1 Local Geology

A total of 27 site soil borings that have been historically performed on the Mirro Plant #20 site since 2003 were used to assess subsurface stratigraphic conditions at the site. However, soil data recorded by previous consultant Metco along the west side of the site (MW-1, MW-2, and MW-3) is limited to shallow soils (upper 4.5 feet) and use of this data for site stratigraphic assessment is limited. In addition, data from seven soil boring logs provided by WDNR from the nearby Larson's Cleaners site (approximately 300 feet south of the Mirro Plant #20 facility) was used to assess the stratigraphic conditions in the vicinity. The location of the on-site soil borings used in the stratigraphic assessment is presented on Figure 1, "Site Features."

Soil borings performed at the site identify a surficial fill soil layer ranging in thickness from 1 to 16 feet. A lean clay layer is identified beneath the fill soils at the southern and southeastern portion of the site, and extending to the nearby Larson's Cleaners site. The clay layer ranges from 0 to approximately 15 feet in thickness. The clay layer is absent along the northern portion of the site and beneath the site building, and the clay layer appears to be plunging and pinching out in the proximity of the MW-8 well nest. The areal extent of the clay layer is depicted on Figure 2 "Areal Extent of Lean Clay Layer." Beneath the clay layer, a layer of silty sand was encountered throughout the site, and at the Larson's Cleaners site. The silty sand layer extends to the north beyond the limits of the lean clay layer, where it is overlain only by the fill soils. A geologic cross-section of the investigation vicinity is provided on Figure 3, "Geologic Cross Section."

2.2 Local Hydrogeology

Ten monitoring wells and four piezometers have been installed at the site in order to assess groundwater conditions. In addition, five temporary screened standpipes and one deep standpipe were installed through the floor in the building basement in order to collect groundwater samples and monitor groundwater elevations at these locations. However, one monitoring well (MW-3) has been abandoned, and four additional monitoring wells (MW-1, MW-4, MW-6 and MW-7) have been damaged and can no longer be monitored. The locations of the groundwater monitoring points are provided on each of Figure 4, "February 2013 Groundwater Contours – Shallow Wells" and Figure 5, "February 2013 Groundwater Contours – Piezometers". The static water table at the site was measured at approximately 4 to 8 feet below site ground surface in February of 2013.

The direction of groundwater flow at the site remains generally to the north and north - northeast, toward the Manitowoc River during the February 2013 sampling event in both the shallow wells and the piezometers. Hydraulic gradient identified during the February 2013 monitoring round was approximately 0.008 ft/ft in the shallow wells, and 0.0055 ft/ft in the piezometers. Past hydraulic gradients at the site have averaged 0.007 ft/ft. The abandoned and damaged wells along with the basement stand pipes and the off-site Larsons Cleaners wells were not included in water table flow determination. Figure 4 and Figure 5 depict the groundwater flow conditions at the site during the February 2013 groundwater sampling round. No groundwater depression was recorded in the vicinity of the sumps during the February 2013 sampling event, which has periodically been identified in the past. This may be due to the reduced number of sampling points no longer being able to identify a groundwater depression at this location.

3.0 Site Investigation Activities

During discussions regarding site closure options Mr. Nass requested additional site investigation activities to more definitively determine whether the highly contaminated groundwater at the Larson's Cleaners site is the source of the recent increases in chlorinated solvent concentrations detected in samples collected from monitoring wells and piezometers located in upgradient locations at the Mirro Plant #20 site. The following activities were performed by SEH in order to more definitively determine the cause of the increased concentrations in MW-8 and two basement sumps at the Mirro Plant #20 site:

- Assessment of lateral extent of clay layer based on existing and new soil boring data;
- Installation of one additional piezometer near existing MW-8 to provide stratigraphic and groundwater data at this location;
- Collection of one additional round of groundwater elevation data and groundwater samples from select site sampling points;
- Performance of slug tests on eight groundwater sampling points to assess hydraulic conductivity of the shallow wells and piezometers at the site, and to provide data for determining average linear groundwater velocity in the silty sand layer at the site;
- Performance of two limited groundwater pumping tests at the site using two piezometers as production wells.

3.1 Clay Layer Assessment

SEH assessed boring log data from the ten shallow site monitoring wells, four site piezometers, and thirteen shallow borings historically performed at the southwest portion of the site, and in the building basement and building interior. In addition, boring logs provided by WDNR for the Larson's Cleaners site were used in the clay layer assessment.

3.2 Piezometer Installation

On February 27, 2013, a new piezometer (PZ-8) was installed five feet to the north of existing shallow well MW-8 by Midwest Engineering Services under the direction of an SEH hydrogeologist. The purpose of piezometer installation was to attain additional site stratigraphic data, and to attain groundwater data from the deeper silty sand layer in the proximity of MW-8. The piezometer was installed using hollow-stem augers drilled to 28 feet below ground surface. Soil samples were collected continuously from two to 24 feet below ground surface using Standard Penetration Test (ASTM D-1586) methodology. Soil samples were screened in the field for relative concentrations of VOCs using a photoionization detector (PID). Subsurface observations, stratigraphic conditions, and PID readings were recorded by SEH on a soil boring log (WDNR Form 4400-122).

Upon completion of drilling and sampling, the borehole was instrumented with a piezometer in general accordance with Ch. NR 141 Wis. Adm. Code requirements. A five-foot slotted screen was positioned in the deeper silty sand layer below the lean clay layer, and the bentonite seal was placed within the lean clay layer. Details of well construction were recorded by SEH on a Monitoring Well Construction form (WDNR Form 4400-113A).

One day after piezometer installation, SEH developed PZ-8 in accordance with Ch. NR 141 requirements. Well development details were recorded on WDNR Form 4400-113B, Monitoring Well Development. The soil boring log, monitoring well construction detail, and well development form for PZ-8 are provided in Appendix A, "Well Construction Documentation."

3.3 Groundwater Monitoring

One round of groundwater data was collected from the site on February 28, 2013. In addition, a groundwater sample was attained from the east sump discharge on March 1, 2013 for VOC analysis. Groundwater levels were recorded on non-damaged outdoor on-site wells and piezometers. Samples were then collected from sampling points MW-5, PZ-5, MW-8, PZ-8, MW-9, PZ-9, MW-10, PZ-10, B-11, B-12, the east sump, and the large sump for laboratory analysis of VOCs. Samples were placed in laboratory cleaned VOA vials, preserved with hydrochloric acid, and chilled to 4 degrees C. Samples were shipped to TestAmerica Laboratory via overnight courier. Standard chain-of-custody documentation was maintained during sample collection, handling and shipment.

3.4 Slug Tests

In-situ slug tests were performed by SEH on monitoring points MW-5, PZ-5, MW-8, PZ-8, MW-9, PZ-9, MW-10, and PZ-10 on February 28, 2013. The slug tests were performed by instantaneously displacing a portion of groundwater in the water column within the given monitoring point, and then measuring the rate of recharge over time. These data were collected for calculation of hydraulic conductivity values within the shallow wells and associated nested piezometers at the site.

3.5 Groundwater Pumping Tests

Two limited groundwater pumping tests were performed by SEH on February 28, 2013 and March 1, 2013 to attempt to establish the presence or absence of a hydraulic connection between the silty sand layer and the overlying soils. The pumping tests were performed by using two piezometers (PZ-8 and PZ-9) as groundwater extraction wells, and monitoring water levels over the duration of the pumping test in the associated nested wells. A submersible pump was inserted into each extraction well at the onset of the pumping test, and groundwater was then pumped for approximately 8 to 10 hours from each point. Pumped water was discharged to the City of Chilton sanitary sewer system after attaining permission for discharge from the City of Chilton wastewater treatment department. During the pumping tests, discharge volumes had to be regulated to prevent the submersible pump drawing the extraction wells dry and thus breaking suction. Discharge rates of between 0.2 and 0.4 gallons per minute were maintained during the pumping tests.

4.0 Site Investigation Results

Results of SEH's Site Investigation are presented in the following subsections.

4.1 Clay Layer Assessment

The results of review of boring logs to assess the extent of the shallow clay layer in the vicinity of the site indicate the clay layer is present on the south and southeastern portion of the site, and extending to the south and southeast continuously to the Larson's Cleaners site. The clay layer generally extends south and southwest from boring B-1and Borings MW-8 and PZ-8, and is absent beneath the site building and to the north of these borings. Thickness of the clay layer (where present) ranges from approximately 5 to 15 feet on the Mirro Plant #20 site, and from 11 to 15 feet on the Larson's Cleaners site. The upper surface of the clay layer appears to be plunging and pinching out to the north at the MW-8/PZ-8 well nest, where thickness changes from 15 feet in MW-8 to 5 feet in PZ-8, which is only five feet north of MW-8. In addition, the sand and gravel fill layer above the clay is present in both MW-8, and PZ-8, and is highly hydraulically conductive. It appears likely this sand and gravel fill layer is connected just to the south of PZ-8 where the clay layer likely pinches out, and provides a ready conduit for flow of groundwater from the deeper silty sand layer into the

shallow sand and gravel fill layer which partially comprises the screened interval of MW-8. The areal extent of the clay layer is depicted on Figure 2. Cross-sectional stratigraphic conditions in the vicinity of the Mirro Plant #20 site and the Larson's Cleaners site are presented on Figure 3.

4.2 Piezometer Installation

The installation of PZ-8 indicates fill soils, including a layer of saturated sand and gravel fill is present to a depth of 17 feet below ground surface at this location. The lean clay layer, which appears to be plunging and pinching out to the north, is present from 17 to 22 feet below ground surface. Silty sands were present below the clay layer. No evidence of soil contamination was observed during installation of PZ-8. All PID readings recorded on soil samples collected from PZ-8 were below the detection limit of the PID.

4.3 Groundwater Monitoring

Groundwater elevation data collected during the February 28, 2013 sampling round was used to assess groundwater flow patterns, horizontal hydraulic gradients across the site, and vertical gradients at the nested piezometer locations. Generally, groundwater flow direction in both the shallow wells and the piezometers is to the north or northeast, as depicted on Figure 4 and Figure 5. Horizontal hydraulic gradient in the shallow wells is approximately 0.008 ft/ft., and is 0.0055ft/ft in the piezometers. The vertical gradient indicates a downward (recharge areas) gradient at well nests MW-9 and MW-5. A static vertical gradient was identified at the MW-8 well nest, and a slight upward (discharge area) gradient was present at the MW-10 well nest.

The groundwater samples were analyzed for VOCs using EPA Method 8260B. Groundwater analytical results are summarized on Table 1, "Groundwater Analytical Results." The complete groundwater analytical package is provided in Appendix B, "Analytical Results."

As reflected in Table 1, several compounds were identified at concentrations exceeding their respective Enforcement Standards (ES) concentrations during the February/March 2013 sampling round. A summary of ES exceedances is provided below.

Summary of ES Exceedances

Compound	ES (ug/L)	B-11 (ug/L)	MW-8 (ug/L)	PZ-8 (ug/L)	PZ-9 (ug/L)	PZ-10 (ug/L)	East Sump (ug/L)
1,2 Dichloroethane	5.0	<0.36	<0.36	<0.36	<0.36	**50**	<0.28
Cis-1,2-Dichloroethylene	70	1.9	**91**	60	**510**	4.8	43
Tetrachloroethylene	5.0	<0.17	**18**	1.1	**190**	<0.17	**15**
Trichloroethylene	5.0	<0.19	**12**	**17**	**300**	<0.19	**19**
Vinyl Chloride	0.2	**0.57**	**2.7**	<0.068	**0.6**	<0.10	<0.10

Table Notes: Samples collected February/March 2013
Bold indicates ES exceedance

The concentrations of one or more parameters exceeded their respective Preventative Action Limits (PALs) but were below their respective ESs in six sampling points: B-12, PZ-5, PZ-8, PZ-9, the east sump, and the large sump. The compounds exceeding their respective PALs in one or more sampling points include 1,1-Dichloroethylene, cis-1,2-Dichloroethylene, Tetrachloroethylene, and Trichloroethylene. All remaining groundwater parameters were either not detected above their laboratory detection limit, or were detected at concentrations below their respective PAL during the February/March 2013 sampling event.

4.4 Slug Tests

The field data collected during performance of the slug tests was input into the Aqtesolv ® program, and hydraulic conductivity of the saturated screened portions of each well or piezometer was calculated using the Bouwer – Rice method. The computer print-out for each Aqtesolv ® calculation is provided in Appendix C, "Slug Test Data." Based on review of the slug test data, the average hydraulic conductivity of the shallow wells not entirely screened in clay is 4.1 x 10 E-4 cm/sec. The hydraulic conductivity of MW-9, which is screened in the clay layer is 4.0 x 10 E-7 cm/sec. The average hydraulic conductivity of the piezometers (screened in the silty sand layer) is 3.1 x 10 E-4 cm/sec.

The slug test data was used in part to calculate the average linear groundwater velocity at the site. The average linear groundwater velocity of the silty sand layer was calculated to be approximately 6 to 8 feet per year. Hand written calculations for average linear velocity are included in Appendix C.

4.5 Groundwater Pumping Tests

The results of the limited pumping tests performed at the PZ-8 and PZ-9 well nests did not show measureable drawdown in the shallow nested wells adjacent to the production wells (piezometers) during groundwater extraction. The rate of discharge in the two pumping tests was very limited (between 0.2 and 0.4 gallons per minute), due in part to the relatively small well diameter and slotted interval, the hydraulic conductivity of the surrounding soil, and the relatively thin saturated thickness of the production layer. Thus, the inconclusive results cannot be used to assess the effectiveness of the hydraulic connection between the clay layer and the underlying silty sand layer.

5.0 Discussion

Based on the existing site data along with the new data provided in this report, SEH has concluded that the recent increases in concentrations of chlorinated VOCs at MW-8, the east sump and the large sump is attributable to the chlorinated VOC contamination at the Larson's Cleaners site migrating in groundwater onto the Mirro Plant #20 site. The following paragraphs detail the rationale for SEH's conclusion.

5.1 Contamination was present at upgradient location prior to Mirro Plant #20

Very elevated concentrations of chlorinated VOC groundwater contamination have been identified at the Larson's Cleaners site, as reported in a July 2007 Phase II Environmental Site Assessment (TEMCO, 2007) prepared for the Larson's Cleaners site by TEMCO. Dry cleaning operations began at the site in the 1940s and concluded by 1994 according to an April 10, 2013 email communication from Mr. Nass. One of the primary contaminants at the Larson's Cleaners site is Tetrachloroethylene (very commonly used as a dry cleaning solvent), which was not a contaminant of concern on the Mirro Plant #20 site until discovered at installation of upgradient piezometer PZ-9 in 2008.

5.2 Larson's Cleaners is a confirmed source area

The products of Tetrachloroethylene decomposition (daughter products) include Trichloroethylene, 1,2-Dichloroethylene, cis-1,2-Dichloroethylene, and Vinyl Chloride. Tetrachloroethylene and associated daughter product contamination in groundwater and a Tetrachloroethylene contamination source area was identified at the Larson's Cleaners site during site assessment activities in 2007 (TEMCO, 2007). These decomposition products have been detected at the upgradient south end of the Mirro Plant #20 site at concentrations lower than those found at Larson's Cleaners although concentrations have increased over time.

Concentrations of Tetrachloroethylene are significantly higher than concentrations of daughter products at the Larson's Cleaners site, consistent with that site being an active Tetrachloroethylene source area. The Mirro Plant #20 site shows the reverse situation, with daughter product concentrations higher than Tetrachloroethylene concentrations, indicating that the Mirro Plant #20 site is not a Tetrachloroethylene source area.

5.3 Current Mirro Plant #20 operations are not contributing contaminants

Current operations at the Mirro Plant #20 site include a machine shop, and a warehouse for storage of dairy products. No evidence of contamination or potential sources of contamination from either of these operations has been identified through visual observations or discussions with site personnel. Neither operation is registered as a hazardous waste generator.

5.4 Impacts at PZ-9 are not from a surface source at Mirro Plant #20

The highest concentrations of chlorinated VOC contamination at the Mirro Plant #20 site is currently being recorded in the upgradient site piezometer (PZ-9) located near the south property line of the Mirro Plant #20 property. The nested well (MW-9) is screened in low-hydraulic conductivity lean clay, and has exhibited no Tetrachloroethylene or associated daughter product impacts over the course of the Mirro Plant #20 site investigation. This indicates the contamination identified near the south property line in the silty sand layer is originating from up-gradient (in the direction of the Larson's Cleaners site), and not from surficial contamination at the Mirro Plant #20 site. The silty sand layer appears to be a continuous deposit across the Mirro Pant #20 site and extends to the Larson's Cleaners site.

5.5 Contamination has had sufficient time to travel from Larson's Cleaners to Mirro Plant #20

The Larson's Cleaners site is located approximately 300 feet south of the Mirro Plant #20 site. As described in §2.2 groundwater flows from south to north and northeast, thus flowing from the Larson's Cleaners site to the Mirro Plant #20 site. Average linear velocities of groundwater in the silty sand layer indicate groundwater contaminants could travel this distance during the elapsed time since dry cleaning operations began at the Larson's Cleaners site, as illustrated below. The Larson's cleaners site is directly upgradient of the Mirro Plant #20 site, indicating groundwater (and associated contamination) originating at the Larson's Cleaners site would flow onto the Mirro Plant #20 site over time.

Illustrative simplified calculation with hypothetical solvent release:

- Dry cleaner begins operation in 1945
- Solvent release begins after 20 years of operation in 1965 (hypothetical)
- Groundwater flow 6-8 feet/year

- Solvent travels 7 feet/year x 48 years = 336 feet
- Distance from Larson's Cleaners to Mirro #20 site = 300 feet
- Solvent plume extends 36 feet onto the Mirro #20 site in 2013

5.6 Contamination from Larson's Cleaners has caused contamination at MW-8

The contaminants identified in the MW-8/PZ-8 well nest appear to be quite similar in both variety of contaminants and contaminant concentration between the shallow MW-8 and the deep PZ-8, suggesting that they are hydraulically connected. The new stratigraphic data and slug test results indicate these wells are likely to both be hydraulically connected to the silty sand layer impacted with chlorinated solvents from the Larson's Cleaners site.

The east sump is located quite close (approximately 10 feet) to the MW-8/PZ-8 well nest. The east sump is continually pumping, and past groundwater elevation maps show sporadic shallow cones of depression present beneath the site building in the proximity of the building sumps. Pumping of groundwater at the east sump likely contributes to groundwater flow paths bringing contaminated groundwater from the silty sand layer into the shallow well (MW-8). In addition, the similarity in contaminant concentrations between the east sump and in the MW-8/PZ-8 well nest implies that the sump is pulling water from the same source that is impacting MW-8/PZ-8, which supports the concept of contaminated groundwater moving from the silty sand layer into MW-8.

6.0 Recommendations

The recently identified increasing groundwater chlorinated VOC contamination is attributable to high contaminant concentrations at the upgradient Larson's Cleaners site migrating onto the Mirro Plant #20 site. SEH believes on-site activities are not responsible for this contamination, and believes closure of the Mirro Plant #20 site is warranted without further investigation. SEH recommends that site closure be requested using soil and groundwater entries in the WDNR GIS registry with an agreement to maintain the existing ground surface as a barrier to direct contact with soil as has been discussed with the WDNR. Proper abandonment of the existing site monitoring points will be required to complete site closure activities.

7.0 Standard of Care

The conclusions and recommendations contained in this report were arrived at in accordance with generally accepted professional practice at this time and location. Other than that, no warranty is implied or intended.

ms

Table

Table 1 – Groundwater Analytical Results

Table 1
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																						
			B-5												B-5A										
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13
Elevation Data																									
Top of PVC	--	--	846.38	846.38	846.38	846.38	846.38	846.38	846.38	846.38	846.38	846.38	846.38	846.38	846.32	846.32	846.32	846.32	846.32	846.32	846.32	846.32	846.32	846.32	846.32	846.32
Top of Screen	--	--	833.98	833.98	833.98	833.98	833.98	833.98	833.98	833.98	833.98	833.98	833.98	833.98	846.32	846.32	846.32	846.32	846.32	846.32	846.32	846.32	846.32	846.32	846.32	846.32
Bottom of Screen	--	--	832.98	832.98	832.98	832.98	832.98	832.98	832.98	832.98	832.98	832.98	832.98	832.98	841.57	841.57	841.57	841.57	841.57	841.57	841.57	841.57	841.57	841.57	841.57	841.57
Groundwater	--	--	--	844.36	843.23	843.79	844.08	844.17	844.94	843.56	843.88	844.09	--	--	--	843.99	843.42	843.57	843.81	843.87	843.93	843.93	843.69	843.84	--	--
pH	NSE	NSE	7.36	--	--	--	--	--	--	--	--	--	--	--	7.92	--	--	--	--	--	--	--	--	--	--	--
DRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PAHs[1] (µg/l)																										
Acenaphthene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	<0.41	<0.38	--	--	--	--	--	--	<0.06	<0.06	<0.06	<0.075	--	--	--	--	--	--	--	--
Acenaphthylene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	<0.85	<0.80	--	--	--	--	--	--	<0.06	<0.06	<0.06	<0.075	--	--	--	--	--	--	--	--
Anthracene	3,000	600	<0.09	<0.09	<0.09	<0.1	<0.047	<0.044	--	--	--	--	--	--	<0.09	<0.09	<0.09	<0.122	--	--	--	--	--	--	--	--
Benzo(a)Anthracene	NSE	NSE	<0.1	<0.1	<0.1	<0.111	<0.054	<0.051	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.125	--	--	--	--	--	--	--	--
Benzo(a)Pyrene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	<0.040	<0.037	--	--	--	--	--	--	<0.02	<0.02	<0.02	<0.025	--	--	--	--	--	--	--	--
Benzo(b)Fluoranthene	0.2	0.02	0.066	<0.02	<0.02	<0.022	<0.12	<0.11	--	--	--	--	--	--	<0.02	<0.02	<0.02	<0.025	--	--	--	--	--	--	--	--
Benzo(k)Fluoranthene	NSE	NSE	<0.07	<0.07	<0.07	<0.078	<0.060	<0.057	--	--	--	--	--	--	<0.07	<0.07	<0.07	<0.088	--	--	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	<0.15	<0.14	--	--	--	--	--	--	<0.06	<0.06	<0.06	<0.075	--	--	--	--	--	--	--	--
Chrysene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	<0.051	<0.048	--	--	--	--	--	--	<0.02	<0.02	<0.02	<0.025	--	--	--	--	--	--	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	<0.16	<0.15	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.138	--	--	--	--	--	--	--	--
Fluoranthene	400	80	<0.12	<0.12	<0.12	<0.133	<0.10	<0.094	--	--	--	--	--	--	<0.12	<0.12	<0.12	<0.15	--	--	--	--	--	--	--	--
Fluorene	400	80	<0.12	<0.12	<0.12	<0.133	<0.077	<0.072	--	--	--	--	--	--	<0.12	<0.12	<0.12	<0.15	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<0.12	<0.12	<0.12	<0.133	<0.077	<0.072	--	--	--	--	--	--	0.26	<0.12	<0.12	<0.15	--	--	--	--	--	--	--	--
1-Methyl Naphthalene	NSE	NSE	<0.08	<0.08	<0.08	<0.089	<0.40	<0.37	--	--	--	--	--	--	<0.08	<0.08	<0.08	<0.1	--	--	--	--	--	--	--	--
2-Methyl Naphthalene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	<0.38	<0.36	--	--	--	--	--	--	0.352	<0.11	<0.11	<0.138	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	<0.11	<0.11	<0.11	<0.122	<0.49	<0.47	--	--	--	--	--	--	0.194	<0.11	<0.11	<0.138	--	--	--	--	--	--	--	--
Phenanthrene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	<0.037	<0.035	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.138	--	--	--	--	--	--	--	--
Pyrene	250	50	<0.1	<0.1	<0.1	<0.111	<0.054	<0.051	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.125	--	--	--	--	--	--	--	--
VOCs[2] (µg/l)																										
Benzene	5.0	0.5	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--
Bromobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Bromochlororomethane	NSE	NSE	--	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
Bromodichloromethane	0.6	0.06	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Bromomethane	10	1.0	--	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--
n-Butylbenzene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--
sec-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.25	<0.25	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.25	<0.25	--	--	--	--	--	--
tert-Butylbenzene	NSE	NSE	0.236	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--	0.252	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--
Carbon Tetrachloride	5.0	0.5	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	--	--
Chlorobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Chlorodibromomethane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Chloroethane	400	80	<0.6	<0.6	<0.6	<0.6	<1.0	<1.0	--	--	--	--	--	--	<0.6	<0.6	<0.6	<0.6	<1.0	<1.0	--	--	--	--	--	--
Chloroform	6.0	0.6	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Chloromethane	3.0	0.3	<0.2	0.24	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--
o-Chlorotoluene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
p-Chlorotoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.3	<0.35	<0.35	<0.35	<0.50	<0.50	--	--	--	--	--	--	<0.3	<0.35	<0.35	<0.35	<0.50	<0.50	--	--	--	--	--	--
1,2-Dibromoethane	0.05	0.005	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																					
			B-5												B-5A									
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13
VOCs[2] (µg/l)																										
1,2-Dichlorobenzene	600	60	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	--	--	--	--	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	--	--	--	--
1,3-Dichlorobenzene	1,250	125	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--
1,4-Dichlorobenzene	75	15	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	--	--	--	--	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	--	--	--	--
Dichlorodifluoromethane	1,000	200	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	--	--	--	--	--	--
1,1-Dichloroethane	850	85	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	--	--	--	--
1,2-Dichloroethane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
1,1-Dichloroethylene	7.0	0.7	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	--	--	--	--
cis-1,2-Dichloroethylene	70	7.0	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	--	--
trans-1,2-Dichloroethylene	100	20	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
1,2-Dichloropropane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--	<0.1	<0.1	<0.1	0.26	<0.50	<0.50	--	--	--	--	--	--
1,3-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	--	--
2,2-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
1,1-Dichloropropene	NSE	NSE	<0.2	<0.3	<0.3	<0.3	<0.50	<0.50	--	--	--	--	--	--	<0.2	<0.3	<0.3	<0.3	<0.50	<0.50	--	--	--	--	--	--
cis-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
trans-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Ethylbenzene	700	140	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--	<0.1	<0.1	<0.1	0.15	<0.50	<0.50	--	--	--	--	--	--
Hexachlorobutadiene	NSE	NSE	<1.00	<1.00	<1.00	<1.00	<0.50	<0.50	--	--	--	--	--	--	<1.00	<1.00	<1.00	<1.00	<0.50	<0.50	--	--	--	--	--	--
Isopropylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--	0.602	<0.1	<0.1	0.4	<0.20	<0.20	--	--	--	--	--	--
Isopropyl Ether	NSE	NSE	--	--	--	--	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	--	--	--	--	--	--
p-Isopropyltoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--	<0.2	<0.2	<0.2	0.34	<0.20	<0.20	--	--	--	--	--	--
Methyl tert Butyl Ether	60	12	<0.1	0.66	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--	<0.1	0.36	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
Methylene Chloride	5.0	0.5	<0.4	<0.4	<0.4	<0.4	<1.0	<1.0	--	--	--	--	--	--	<0.4	<0.4	<0.4	<0.4	<1.0	<1.0	--	--	--	--	--	--
Naphthalene	40	8.0	<1.00	<1.00	<1.00	<1.00	<0.25	<0.25	--	--	--	--	--	--	<1.00	<1.00	<1.00	<1.00	<0.25	<0.25	--	--	--	--	--	--
n-Propylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--	0.138	<0.1	<0.1	0.11	<0.50	<0.50	--	--	--	--	--	--
Tetrachloroethylene	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.2	0.02	**0.286**	<0.1	<0.1	<0.1	<0.20	<0.20	<0.05	<0.05	--	--	--	--	**0.51**	<0.1	<0.1	**0.29**	<0.20	<0.20	--	--	--	--	--	--
Toluene	1,000	200	<0.4	<0.4	<0.4	<0.4	<0.20	<0.20	--	--	--	--	--	--	<0.4	<0.4	<0.4	<0.4	<0.20	<0.20	--	--	--	--	--	--
1,1,2-Trichloroethane	5.0	0.5	--	0.58	<0.1	<0.1	<0.25	<0.25	--	--	--	--	--	--	--	0.21	<0.1	<0.1	<0.25	<0.25	--	--	--	--	--	--
Total Trimethylbenzenes	480	96	<0.3	0.22	0.15	<0.3	<0.40	<0.40	--	--	--	--	--	--	3.93	<0.3	<0.3	2.11	<0.40	<0.40	--	--	--	--	--	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	--	--	--	--
1,2,4-Trichlorobenzene	70	14	<0.5	0.58	<0.5	<0.5	<0.25	<0.25	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	--	--	--	--
1,1,1-Trichloroethane	200	40	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	--	--	<0.2	0.21	<0.2	<0.2	<0.50	<0.50	--	--	--	--	--	--
Trichloroethylene	5.0	0.5	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--
Trichlorofluoromethane	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	--	--
Vinyl Chloride	0.2	0.02	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	<0.016	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--
Total Xylenes	10,000	1,000	<0.5	<0.5	<0.5	<0.5	<0.50	<0.50	--	--	--	--	--	--	0.112	<0.5	<0.5	0.52	<0.50	<0.50	--	--	--	--	--	--
Metals (µg/l)																										
Arsenic	50	5.0	<0.6	--	--	--	--	--	--	--	--	--	--	--	1.4	--	--	--	--	--	--	--	--	--	--	--
Barium	2000	400	69.3	--	--	--	--	--	--	--	--	--	--	--	57	--	--	--	--	--	--	--	--	--	--	--
Cadmium	5.0	0.5	<0.2	--	--	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	--	--	--	--	--	--	--
Chromium	100	10	<1.60	--	--	--	--	--	--	--	--	--	--	--	<1.60	--	--	--	--	--	--	--	--	--	--	--
Lead	15	1.5	<0.3	--	--	--	--	--	--	--	--	--	--	--	<0.3	--	--	--	--	--	--	--	--	--	--	--
Mercury	2.0	0.2	<0.07	--	--	--	--	--	--	--	--	--	--	--	<0.07	--	--	--	--	--	--	--	--	--	--	--
Selenium	50	10	0.6	--	--	--	--	--	--	--	--	--	--	--	0.9	--	--	--	--	--	--	--	--	--	--	--
Silver	50	10	<0.2	--	--	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	--	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																					
			B-6											B-9										
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13
Elevation Data																									
Top of PVC	--	--	846.52	846.52	846.52	846.52	846.52	846.52	846.52	846.52	846.52	846.52	846.52	846.52	846.45	846.45	846.45	846.45	846.45	846.45	846.45	846.45	846.45	846.45	846.45	846.45
Top of Screen	--	--	846.52	846.52	846.52	846.52	846.52	846.52	846.52	846.52	846.52	846.52	846.52	846.52	846.45	846.45	846.45	846.45	846.45	846.45	846.45	846.45	846.45	846.45	846.45	846.45
Bottom of Screen	--	--	841.80	841.80	841.80	841.80	841.80	841.80	841.80	841.80	841.80	841.80	841.80	841.80	841.68	841.68	841.68	841.68	841.68	841.68	841.68	841.68	841.68	841.68	841.68	841.68
Groundwater	--	--	--	843.27	842.62	842.85	843.22	843.19	843.39	842.73	841.94	843.12	--	--	--	843.13	842.65	842.90	843.15	843.11	843.40	842.66	842.95	843.10	--	--
pH	NSE	NSE	7.93	--	--	--	--	--	--	--	--	--	--	--	7.45	--	--	--	--	--	--	--	--	--	--	--
DRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PAHs[1] (µg/l)																										
Acenaphthene	NSE	NSE	<0.06	<0.06	<0.06	<0.06	<0.42	<0.35	--	--	--	--	--	--	<0.06	<0.06	<0.06	<0.067	<0.41	<0.36	--	--	--	--	--	--
Acenaphthylene	NSE	NSE	<0.06	<0.06	<0.06	<0.06	<0.87	<0.74	--	--	--	--	--	--	<0.06	<0.06	<0.06	<0.067	<0.85	<0.76	--	--	--	--	--	--
Anthracene	3,000	600	<0.09	<0.09	<0.09	<0.09	<0.048	<0.041	--	--	--	--	--	--	<0.09	<0.09	<0.09	<0.100	<0.047	<0.042	--	--	--	--	--	--
Benzo(a)Anthracene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.056	<0.047	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.111	<0.054	<0.048	--	--	--	--	--	--
Benzo(a)Pyrene	0.2	0.02	<0.02	<0.02	<0.02	<0.02	<0.041	<0.034	--	--	--	--	--	--	<0.02	<0.02	<0.02	<0.022	<0.040	<0.035	--	--	--	--	--	--
Benzo(b)Fluoranthene	0.2	0.02	<0.02	<0.02	<0.02	<0.02	<0.12	<0.11	--	--	--	--	--	--	<0.02	<0.02	<0.02	**0.205**	<0.12	<0.11	<0.11	<0.24	--	--	--	--
Benzo(k)Fluoranthene	NSE	NSE	<0.07	<0.07	<0.07	<0.07	<0.062	<0.053	--	--	--	--	--	--	<0.07	<0.07	<0.07	0.193	<0.060	<0.054	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NSE	NSE	<0.06	<0.06	<0.06	<0.06	<0.015	<0.13	--	--	--	--	--	--	0.1	<0.06	<0.06	0.134	<0.15	<0.13	--	--	--	--	--	--
Chrysene	0.2	0.02	<0.02	<0.02	0.062	<0.02	<0.052	<0.044	--	--	--	--	--	--	0.15	0.090	<0.02	**0.258**	<0.051	<0.045	<0.044	<0.10	--	--	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<0.11	<0.11	<0.11	<0.11	<0.16	<0.14	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.122	<0.16	<0.14	--	--	--	--	--	--
Fluoranthene	400	80	<0.12	<0.12	<0.12	<0.12	<0.10	<0.087	--	--	--	--	--	--	<0.12	0.157	<0.12	0.398	<0.10	<0.089	--	--	--	--	--	--
Fluorene	400	80	<0.12	<0.12	<0.12	<0.12	<0.078	<0.067	--	--	--	--	--	--	<0.12	<0.12	<0.12	<0.133	<0.077	<0.068	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<0.12	<0.12	<0.12	<0.12	<0.078	<0.067	--	--	--	--	--	--	<0.12	<0.12	<0.12	<0.133	<0.077	<0.068	--	--	--	--	--	--
1-Methyl Naphthalene	NSE	NSE	<0.08	<0.08	<0.08	<0.08	<0.41	<0.34	--	--	--	--	--	--	<0.08	<0.08	<0.08	<0.089	<0.40	<0.35	--	--	--	--	--	--
2-Methyl Naphthalene	NSE	NSE	<0.11	<0.11	<0.11	<0.11	<0.39	<0.33	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.122	<0.38	<0.34	--	--	--	--	--	--
Naphthalene	40	8.0	<0.11	<0.11	<0.11	<0.11	<0.51	<0.43	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.122	<0.49	<0.44	--	--	--	--	--	--
Phenanthrene	NSE	NSE	<0.11	<0.11	<0.11	<0.11	<0.038	<0.032	--	--	--	--	--	--	<0.11	<0.11	<0.11	0.186	<0.037	0.041	--	--	--	--	--	--
Pyrene	250	50	<0.1	<0.1	<0.1	<0.1	<0.056	<0.047	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.111	<0.054	<0.048	--	--	--	--	--	--
VOCs[2] (µg/l)																										
Benzene	5.0	0.5	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--
Bromobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Bromochlororomethane	NSE	NSE	--	0.2	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
Bromodichloromethane	0.6	0.06	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Bromomethane	10	1.0	--	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--
n-Butylbenzene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--
sec-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.25	<0.25	--	--	--	--	--	--
tert-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--
Carbon Tetrachloride	5.0	0.5	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	--	--
Chlorobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Chlorodibromomethane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Chloroethane	400	80	<0.6	<0.6	<0.6	<0.6	--	--	--	--	--	--	--	--	<0.6	<0.6	<0.6	<0.6	<1.0	<1.0	--	--	--	--	--	--
Chloroform	6.0	0.6	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Chloromethane	3.0	0.3	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	0.49	<0.2	0.39	<0.20	<0.20	--	--	--	--	--	--
o-Chlorotoluene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
p-Chlorotoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.3	<0.35	<0.35	<0.35	--	--	--	--	--	--	--	--	<0.3	<0.35	<0.35	<0.35	<0.50	<0.50	--	--	--	--	--	--
1,2-Dibromoethane	0.05	0.005	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																					
			B-6												B-9									
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/06	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13
VOCs[2] (µg/l)																									
1,2-Dichlorobenzene	600	60	<0.75	<0.75	<0.75	<0.75	--	--	--	--	--	--	--	--	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	--	--	--	--
1,3-Dichlorobenzene	1,250	125	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	--
1,4-Dichlorobenzene	75	15	<0.75	<0.75	<0.75	<0.75	--	--	--	--	--	--	--	--	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	--	--	--	--
Dichlorodifluoromethane	1,000	200	<0.25	<0.25	<0.25	<0.25	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	--	--	--	--	--	--
1,1-Dichloroethane	850	85	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	--	--	--	--
1,2-Dichloroethane	5.0	0.5	<0.1	0.2	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
1,1-Dichloroethylene	7.0	0.7	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	--	--	--	--
cis-1,2-Dichloroethylene	70	7.0	<0.2	0.34	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	--	--
trans-1,2-Dichloroethylene	100	20	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
1,2-Dichloropropane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
1,3-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	--	--
2,2-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
1,1-Dichloropropene	NSE	NSE	<0.2	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	<0.2	<0.3	<0.3	<0.3	<0.50	<0.50	--	--	--	--	--	--
cis-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
trans-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Ethylbenzene	700	140	<0.1	<0.1	0.11	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
Hexachlorobutadiene	NSE	NSE	<1.00	<1.00	<1.00	<1.00	--	--	--	--	--	--	--	--	<1.00	<1.00	<1.00	<1.00	<0.50	<0.50	--	--	--	--	--	--
Isopropylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Isopropyl Ether	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	<0.50	--	--	--	--	--	--
p-Isopropyltoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--
Methyl tert Butyl Ether	60	12	<0.1	0.33	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	1.49	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
Methylene Chloride	5.0	0.5	<0.4	<0.4	<0.4	<0.4	--	--	--	--	--	--	--	--	<0.4	<0.4	<0.4	<0.4	<1.0	<1.0	--	--	--	--	--	--
Naphthalene	40	8.0	<1.00	<1.00	<1.00	<1.00	--	--	--	--	--	--	--	--	<1.00	<1.00	<1.00	<1.00	<0.25	<0.25	--	--	--	--	--	--
n-Propylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
Tetrachloroethylene	5.0	0.5	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	--	--
Toluene	1,000	200	<0.4	<0.4	0.42	<0.4	--	--	--	--	--	--	--	--	<0.4	<0.4	<0.4	<0.4	<0.20	<0.20	--	--	--	--	--	--
1,1,2-Trichloroethane	5.0	0.5	--	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	--	--
Total Trimethylbenzenes	480	96	0.21	<0.3	0.66	<0.3	--	--	--	--	--	--	--	--	0.445	<0.3	<0.3	<0.3	<0.25	<0.25	--	--	--	--	--	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	--	--	--	--
1,2,4-Trichlorobenzene	70	14	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	--	--	--	--
1,1,1-Trichloroethane	200	40	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	--	--
Trichloroethylene	5.0	0.5	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	--	--
Trichlorofluoromethane	NSE	NSE	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	--	--
Vinyl Chloride	0.2	0.02	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	<0.016	--	--	--	--	--
Total Xylenes	10,000	1,000	<0.5	<0.5	0.2	<0.5	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.50	<0.50	--	--	--	--	--	--
Metals (µg/l)																									
Arsenic	50	5.0	0.8	--	--	--	--	--	--	--	--	--	--	--	0.8	--	--	--	--	--	--	--	--	--	--	--
Barium	2000	400	29.9	--	--	--	--	--	--	--	--	--	--	--	48.6	--	--	--	--	--	--	--	--	--	--	--
Cadmium	5.0	0.5	<0.2	--	--	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	--	--	--	--	--	--	--
Chromium	100	10	<1.60	--	--	--	--	--	--	--	--	--	--	--	2.40	--	--	--	--	--	--	--	--	--	--	--
Lead	15	1.5	<0.3	--	--	--	--	--	--	--	--	--	--	--	<0.3	--	--	--	--	--	--	--	--	--	--	--
Mercury	2.0	0.2	<0.07	--	--	--	--	--	--	--	--	--	--	--	<0.07	--	--	--	--	--	--	--	--	--	--	--
Selenium	50	10	0.8	--	--	--	--	--	--	--	--	--	--	--	<0.6	--	--	--	--	--	--	--	--	--	--	--
Silver	50	10	<0.2	--	--	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	--	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																					
			B-11											B-12										
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13
Elevation Data																									
Top of PVC	--	--	845.26	845.26	845.26	845.26	845.26	845.26	845.26	845.26	845.26	845.26	845.26	845.26	846.58	846.58	846.58	846.58	846.58	846.58	846.58	846.58	846.58	846.58	846.58	846.58
Top of Screen	--	--	845.26	845.26	845.26	845.26	845.26	845.26	845.26	845.26	845.26	845.26	845.26	845.26	846.58	846.58	846.58	846.58	846.58	846.58	846.58	846.58	846.58	846.58	846.58	846.58
Bottom of Screen	--	--	840.49	840.49	840.49	840.49	840.49	840.49	840.49	840.49	840.49	840.49	840.49	840.49	841.84	841.84	841.84	841.84	841.84	841.84	841.84	841.84	841.84	841.84	841.84	841.84
Groundwater	--	--	--	843.32	842.66	842.94	843.21	843.25	843.56	842.65	843.06	843.28	--	--	--	843.35	842.65	842.91	843.19	843.23	843.19	842.69	843.00	843.28	--	--
pH	NSE	NSE	8.28	--	--	--	--	--	--	--	--	--	--	--	8.67	--	--	--	--	--	--	--	--	--	--	--
DRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PAHs[1] (µg/l)																										
Acenaphthene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	<1.6	<0.34	--	--	--	--	--	--	<0.06	<0.061	<0.061	<0.077	<0.41	<0.35	--	--	--	--	--	--
Acenaphthylene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	<3.4	<0.71	--	--	--	--	--	--	<0.06	<0.061	<0.061	<0.077	<0.85	<0.73	--	--	--	--	--	--
Anthracene	3,000	600	<0.09	<0.09	<0.09	<0.100	<0.19	<0.039	--	--	--	--	--	--	<0.09	<0.092	<0.092	<0.115	<0.047	<0.040	--	--	--	--	--	--
Benzo(a)Anthracene	NSE	NSE	<0.1	<0.1	<0.1	<0.111	<0.22	<0.045	--	--	--	--	--	--	<0.1	<0.102	<0.102	<0.128	<0.054	<0.047	--	--	--	--	--	--
Benzo(a)Pyrene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	<0.16	<0.033	--	--	--	--	--	--	<0.02	<0.02	<0.02	<0.026	<0.040	<0.034	--	--	--	--	--	--
Benzo(b)Fluoranthene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	<0.49	<0.10	--	--	--	--	--	--	0.155	<0.02	<0.02	0.170	<0.12	<0.10	--	--	--	--	--	--
Benzo(k)Fluoranthene	NSE	NSE	<0.07	<0.07	<0.07	<0.078	<0.24	<0.051	--	--	--	--	--	--	<0.07	<0.071	<0.071	<0.090	<0.060	<0.052	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	<0.60	<0.12	--	--	--	--	--	--	<0.06	<0.061	<0.061	0.168	<0.15	<0.13	--	--	--	--	--	--
Chrysene	0.2	0.02	0.131	<0.02	<0.02	0.056	<0.20	<0.042	--	--	--	--	--	--	0.192	<0.02	<0.02	0.192	<0.051	<0.044	--	--	--	--	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	<0.65	<0.13	--	--	--	--	--	--	<0.11	<0.112	<0.112	<0.141	<0.16	<0.14	--	--	--	--	--	--
Fluoranthene	400	80	<0.12	<0.12	<0.12	0.134	<0.40	<0.084	--	--	--	--	--	--	0.383	<0.112	<0.112	<0.154	<0.10	<0.086	--	--	--	--	--	--
Fluorene	400	80	<0.12	<0.12	<0.12	<0.133	<0.31	<0.064	--	--	--	--	--	--	<0.12	<0.112	<0.112	<0.154	<0.077	<0.066	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<0.12	<0.12	<0.12	<0.133	<0.31	<0.064	--	--	--	--	--	--	0.145	<0.112	<0.112	<0.154	<0.077	<0.066	--	--	--	--	--	--
1-Methyl Naphthalene	NSE	NSE	<0.08	<0.08	<0.08	<0.089	<1.6	<0.33	--	--	--	--	--	--	<0.08	<0.082	<0.082	<0.103	<0.40	<0.34	--	--	--	--	--	--
2-Methyl Naphthalene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	<1.6	<0.32	--	--	--	--	--	--	<0.11	<0.112	<0.112	<0.141	<0.38	<0.33	--	--	--	--	--	--
Naphthalene	40	8.0	<0.11	<0.11	<0.11	<0.122	<2.0	<0.41	--	--	--	--	--	--	<0.11	<0.112	0.131	<0.141	<0.49	<0.43	--	--	--	--	--	--
Phenanthrene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	<0.15	<0.031	--	--	--	--	--	--	<0.11	<0.112	<0.112	0.211	<0.037	<0.032	--	--	--	--	--	--
Pyrene	250	50	<0.1	<0.1	<0.1	<0.111	<0.22	<0.045	--	--	--	--	--	--	<0.1	<0.102	<0.102	<0.128	<0.054	<0.047	--	--	--	--	--	--
VOCs[2] (µg/l)																										
Benzene	5.0	0.5	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	--	<0.074	--	0.157	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	--	<0.074	--
Bromobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.25	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.25	--
Bromochlororomethane	NSE	NSE	--	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.40	--	--	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.40	--
Bromodichloromethane	0.6	0.06	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.17	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.17	--
Bromomethane	10	1.0	--	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.50	--	<0.31	--	--	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.50	--	<0.31	--
n-Butylbenzene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	<0.13	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	<0.13	--
sec-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.25	<0.25	--	--	<0.25	--	<0.15	--	<0.15	<0.15	<0.15	<0.15	<0.25	<0.25	--	--	<0.25	--	<0.15	--
tert-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	--	<0.14	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	--	<0.14	--
Carbon Tetrachloride	5.0	0.5	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.80	--	<0.26	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.80	--	<0.26	--
Chlorobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.14	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.14	--
Chlorodibromomethane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.32	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.32	--
Chloroethane	400	80	<0.6	<0.6	<0.6	<0.6	<1.0	<1.0	--	--	<1.0	--	<0.34	--	<0.6	<0.6	<0.6	<0.6	<1.0	<1.0	--	--	<1.0	--	<0.34	--
Chloroform	6.0	0.6	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.20	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.20	--
Chloromethane	3.0	0.3	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.30	--	<0.18	--	<0.2	0.26	<0.2	0.29	<0.20	<0.20	--	--	<0.30	--	<0.18	--
o-Chlorotoluene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.21	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.21	--
p-Chlorotoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	<0.20	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	<0.20	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.3	<0.35	<0.35	<0.35	<0.50	<0.50	--	--	<0.50	--	<0.87	--	<0.3	<0.35	<0.35	<0.35	<0.50	<0.50	--	--	<0.50	--	<0.87	--
1,2-Dibromoethane	0.05	0.005	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.36	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.36	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																					
			B-11											B-12										
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13
VOCs[2] (µg/l)																									
1,2-Dichlorobenzene	600	60	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	<0.20	--	<0.27	--	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	<0.20	--	<0.27	--
1,3-Dichlorobenzene	1,250	125	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	--	<0.15	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	--	<0.15	--
1,4-Dichlorobenzene	75	15	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	<0.50	--	<0.15	--	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	<0.50	--	<0.15	--
Dichlorodifluoromethane	1,000	200	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	--	--	<0.50	--	<0.20	--	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	--	--	<0.50	--	<0.20	--
1,1-Dichloroethane	850	85	<0.15	<0.15	<0.15	0.18	<0.50	<0.50	--	--	<0.50	--	<0.19	--	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	<0.50	--	<0.19	--
1,2-Dichloroethane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.36	--	<0.1	<0.1	0.14	0.15	<0.50	<0.50	--	--	<0.50	--	<0.36	--
1,1-Dichloroethylene	7.0	0.7	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	<0.50	--	<0.31	--	<0.15	0.15	<0.15	<0.15	<0.50	<0.50	--	--	<0.50	--	<0.31	--
cis-1,2-Dichloroethylene	70	7.0	1.57	0.95	1.87	1.18	0.97	1.2	--	--	1.5	--	1.9	--	2.77	7.64	5.05	3.37	10	31	61	12	8.7	--	39	--
trans-1,2-Dichloroethylene	100	20	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.50	--	<0.25	--	<0.1	0.14	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.25	--
1,2-Dichloropropane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.20	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.20	--
1,3-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	--	<0.13	--	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	--	<0.13	--
2,2-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.32	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.32	--
1,1-Dichloropropene	NSE	NSE	<0.2	<0.3	<0.3	<0.3	<0.50	<0.50	--	--	<0.50	--	<0.34	--	<0.2	<0.3	<0.3	<0.3	<0.50	<0.50	--	--	<0.50	--	<0.34	--
cis-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.18	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.18	--
trans-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.21	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.21	--
Ethylbenzene	700	140	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.13	--	0.269	<0.1	0.26	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.13	--
Hexachlorobutadiene	NSE	NSE	<1.00	<1.00	<1.00	<1.00	<0.50	<0.50	--	--	<0.50	--	<0.26	--	<1.00	<1.00	<1.00	<1.00	<0.50	<0.50	--	--	<0.50	--	<0.26	--
Isopropylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.14	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.14	--
Isopropyl Ether	NSE	NSE	--	--	--	--	<0.50	<0.50	--	--	<0.50	--	<0.15	--	--	--	--	--	<0.50	<0.50	--	--	<0.50	--	<0.15	--
p-Isopropyltoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	<0.17	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	<0.17	--
Methyl tert Butyl Ether	60	12	<0.1	0.56	0.56	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.24	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.24	--
Methylene Chloride	5.0	0.5	<0.4	<0.4	<0.4	<0.4	<1.0	<1.0	--	--	<1.0	--	<0.68	--	<0.4	<0.4	<0.4	<0.4	<1.0	<1.0	--	--	<1.0	--	<0.68	--
Naphthalene	40	8.0	<1.00	<1.00	<1.00	<1.00	<0.25	<0.25	--	--	<0.25	--	<0.16	--	<1.00	<1.00	<1.00	<1.00	<0.25	<0.25	--	--	<0.25	--	<0.16	--
n-Propylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.13	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.13	--
Tetrachloroethylene	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.17	--	<0.1	0.21	<0.1	<0.1	<0.50	<0.50	--	--	4.6	--	<0.17	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	--	<0.25	--	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	--	<0.25	--
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.23	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.23	--
Toluene	1,000	200	<0.4	<0.4	0.58	<0.4	<0.20	<0.20	--	--	<0.50	--	<0.11	--	0.512	<0.4	1.13	<0.4	<0.20	<0.20	--	--	<0.50	--	<0.11	--
1,1,2-Trichloroethane	5.0	0.5	--	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	--	<0.28	--	--	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	--	<0.28	--
Total Trimethylbenzenes	480	96	<0.3	<0.3	0.21	<0.3	<0.40	<0.40	--	--	--	--	--	--	0.214	<0.3	0.67	<0.3	<0.40	<0.40	--	--	--	--	--	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	<0.25	--	<0.24	--	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	<0.25	--	<0.24	--
1,2,4-Trichlorobenzene	70	14	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	<0.25	--	<0.31	--	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	<0.25	--	<0.31	--
1,1,1-Trichloroethane	200	40	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.50	--	<0.20	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.50	--	<0.20	--
Trichloroethylene	5.0	0.5	0.415	0.69	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	<0.19	--	<0.2	2.11	<0.2	<0.2	<0.20	2.8	**17**	2.3	3.2	--	<0.19	--
Trichlorofluoromethane	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.50	--	<0.19	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.50	--	<0.19	--
Vinyl Chloride	0.2	0.02	<0.15	<0.15	<0.15	**0.61**	<0.20	**0.37**	<0.016	**0.85**	**0.28**	--	**0.57**	--	<0.15	**0.26**	<0.15	<0.15	<0.20	<0.20	**1.2**	<0.032	<0.20	--	<0.10	--
Total Xylenes	10,000	1,000	<0.5	<0.5	0.14	<0.5	<0.50	<0.50	--	--	<0.50	--	<0.068	--	0.984	<0.5	1.33	<0.5	<0.50	<0.50	--	--	<0.50	--	<0.068	--
Metals (µg/l)																										
Arsenic	50	5.0	1.3	--	--	--	--	--	--	--	--	--	--	--	1.8	--	--	--	--	--	--	--	--	--	--	--
Barium	2000	400	60.5	--	--	--	--	--	--	--	--	--	--	--	40	--	--	--	--	--	--	--	--	--	--	--
Cadmium	5.0	0.5	<0.2	--	--	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	--	--	--	--	--	--	--
Chromium	100	10	2.50	--	--	--	--	--	--	--	--	--	--	--	2.0	--	--	--	--	--	--	--	--	--	--	--
Lead	15	1.5	<0.3	--	--	--	--	--	--	--	--	--	--	--	<0.3	--	--	--	--	--	--	--	--	--	--	--
Mercury	2.0	0.2	<0.07	--	--	--	--	--	--	--	--	--	--	--	<0.07	--	--	--	--	--	--	--	--	--	--	--
Selenium	50	10	0.97	--	--	--	--	--	--	--	--	--	--	--	1.3	--	--	--	--	--	--	--	--	--	--	--
Silver	50	10	<0.2	--	--	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	--	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																						
			MW-1												MW-2										
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13
Elevation Data																									
Top of PVC	--	--	850.02	850.02	850.02	850.02	850.02	850.02	850.02	850.02	850.02	850.02	850.02	850.02	850.64	850.64	850.64	850.64	850.64	850.64	850.64	850.64	850.64	850.64	850.64	850.64
Top of Screen	--	--	845.02	845.02	845.02	845.02	845.02	845.02	845.02	845.02	845.02	845.02	845.02	845.02	845.52	845.52	845.52	845.52	845.52	845.52	845.52	845.52	845.52	845.52	845.52	845.52
Bottom of Screen	--	--	835.02	835.02	835.02	835.02	835.02	835.02	835.02	835.02	835.02	835.02	835.02	835.02	835.52	835.52	835.52	835.52	835.52	835.52	835.52	835.52	835.52	835.52	835.52	835.52
Groundwater	--	--	844.13	844.93	843.85	844.12	844.15	844.60	845.71	843.91	844.32	844.55	--	--	843.55	844.03	843.08	843.41	843.67	843.66	845.36	843.17	843.14	843.80	844.03	--
pH	NSE	NSE	7.34	--	--	--	--	--	--	--	--	--	--	--	7.34	--	--	--	--	--	--	--	--	--	--	--
DRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PAHs[1] (µg/l)																										
Acenaphthene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	0.39	<0.36	--	--	--	--	--	--	<0.06	<0.06	<0.06	<0.077	<0.39	<0.34	--	--	--	--	--	--
Acenaphthylene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	<0.81	<0.76	--	--	--	--	--	--	<0.06	<0.06	<0.06	<0.077	<0.82	<0.71	--	--	--	--	--	--
Anthracene	3,000	600	<0.09	<0.09	<0.09	<0.1	<0.045	<0.042	--	--	--	--	--	--	<0.09	<0.09	<0.09	<0.115	<0.045	<0.039	--	--	--	--	--	--
Benzo(a)Anthracene	NSE	NSE	<0.1	<0.1	<0.1	<0.111	<0.052	<0.048	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.128	<0.052	<0.045	--	--	--	--	--	--
Benzo(a)Pyrene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	<0.038	<0.035	--	--	--	--	--	--	0.048	<0.02	<0.02	<0.026	<0.038	<0.033	--	--	--	--	--	--
Benzo(b)Fluoranthene	0.2	0.02	0.052	<0.02	<0.02	<0.022	<0.12	<0.11	--	--	--	--	--	--	<0.02	<0.02	<0.02	<0.026	<0.12	<0.10	--	--	--	--	--	--
Benzo(k)Fluoranthene	NSE	NSE	<0.07	<0.07	<0.07	<0.078	<0.058	<0.054	--	--	--	--	--	--	<0.07	<0.07	<0.07	<0.090	<0.058	<0.051	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NSE	NSE	0.073	<0.06	<0.06	<0.067	<0.14	<0.13	--	--	--	--	--	--	<0.06	<0.06	<0.06	<0.077	<0.14	<0.12	--	--	--	--	--	--
Chrysene	0.2	0.02	0.054	<0.02	<0.02	<0.022	<0.048	<0.045	--	--	--	--	--	--	<0.02	<0.02	<0.02	<0.026	<0.049	<0.042	--	--	--	--	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	<0.15	<0.14	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.141	<0.15	<0.13	--	--	--	--	--	--
Fluoranthene	400	80	<0.12	<0.12	<0.12	<0.133	<0.095	<0.089	--	--	--	--	--	--	<0.12	<0.12	<0.12	<0.154	<0.096	<0.084	--	--	--	--	--	--
Fluorene	400	80	<0.12	<0.12	<0.12	<0.133	<0.073	<0.068	--	--	--	--	--	--	<0.12	<0.12	<0.12	<0.154	<0.074	<0.064	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<0.12	<0.12	<0.12	<0.133	<0.073	<0.068	--	--	--	--	--	--	<0.12	<0.12	<0.12	<0.154	<0.074	<0.064	--	--	--	--	--	--
1-Methyl Naphthalene	NSE	NSE	<0.08	<0.08	<0.08	<0.089	<0.38	<0.35	--	--	--	--	--	--	<0.08	<0.08	<0.08	<0.103	<0.38	<0.33	--	--	--	--	--	--
2-Methyl Naphthalene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	<0.36	<0.34	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.141	<0.37	<0.32	--	--	--	--	--	--
Naphthalene	40	8.0	<0.11	<0.11	<0.11	<0.122	<0.47	<0.44	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.141	<0.48	<0.41	--	--	--	--	--	--
Phenanthrene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	<0.035	<0.033	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.141	0.13	<0.031	--	--	--	--	--	--
Pyrene	250	50	<0.1	<0.1	<0.1	<0.111	<0.052	<0.048	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.128	<0.052	<0.045	--	--	--	--	--	--
VOCs[2] (µg/l)																										
Benzene	5.0	0.5	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--
Bromobenzene	NSE	NSE	<0.1	<0.1	<0.1	0.18	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	0.10	--	--	--	--	--	--	--	--
Bromochlororomethane	NSE	NSE	--	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
Bromodichloromethane	0.6	0.06	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
Bromomethane	10	1.0	--	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--
n-Butylbenzene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
sec-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--
tert-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--
Carbon Tetrachloride	5.0	0.5	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
Chlorobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
Chlorodibromomethane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
Chloroethane	400	80	<0.6	<0.6	<0.6	<0.6	--	--	--	--	--	--	--	--	<0.6	<0.6	<0.6	<0.6	--	--	--	--	--	--	--	--
Chloroform	6.0	0.6	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
Chloromethane	3.0	0.3	<0.2	<0.2	<0.2	0.23	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
o-Chlorotoluene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
p-Chlorotoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.3	<0.35	<0.35	<0.35	--	--	--	--	--	--	--	--	<0.3	<0.35	<0.35	<0.35	--	--	--	--	--	--	--	--
1,2-Dibromoethane	0.05	0.005	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																					
			MW-1												MW-2									
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13
VOCs[2] (µg/l)																										
1,2-Dichlorobenzene	600	60	<0.75	<0.75	<0.75	<0.75	--	--	--	--	--	--	--	--	<0.75	<0.75	<0.75	<0.75	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	1,250	125	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	75	15	<0.75	<0.75	<0.75	<0.75	--	--	--	--	--	--	--	--	<0.75	<0.75	<0.75	<0.75	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	1,000	200	<0.25	<0.25	<0.25	<0.25	--	--	--	--	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--	--	--	--	--	--	--	--
1,1-Dichloroethane	850	85	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--
1,2-Dichloroethane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
1,1-Dichloroethylene	7.0	0.7	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethylene	70	7.0	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethylene	100	20	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
1,2-Dichloropropane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
1,3-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
2,2-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
1,1-Dichloropropene	NSE	NSE	<0.2	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	<0.2	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
Ethylbenzene	700	140	<0.1	<0.1	<0.1	0.11	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
Hexachlorobutadiene	NSE	NSE	<1.00	<1.00	<1.00	<1.00	--	--	--	--	--	--	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--	--	--	--	--
Isopropylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
Isopropyl Ether	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
Methyl tert Butyl Ether	60	12	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	0.14	<0.1	0.16	--	--	--	--	--	--	--	--
Methylene Chloride	5.0	0.5	<0.4	<0.4	<0.4	<0.4	--	--	--	--	--	--	--	--	<0.4	<0.4	<0.4	<0.4	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	<1.00	<1.00	<1.00	<1.00	--	--	--	--	--	--	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--	--	--	--	--
n-Propylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
Tetrachloroethylene	5.0	0.5	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
Toluene	1,000	200	<0.4	<0.4	<0.4	<0.4	--	--	--	--	--	--	--	--	<0.4	<0.4	<0.4	<0.4	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	5.0	0.5	--	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	--	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--
Total Trimethylbenzenes	480	96	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	70	14	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	200	40	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
Trichloroethylene	5.0	0.5	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
Trichlorofluoromethane	NSE	NSE	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
Vinyl Chloride	0.2	0.02	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	--	--	--	--
Total Xylenes	10,000	1,000	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
Metals (µg/l)																										
Arsenic	50	5.0	<0.6	--	--	--	--	--	--	--	--	--	--	--	1.7	--	--	--	--	--	--	--	--	--	--	--
Barium	2000	400	62.5	--	--	--	--	--	--	--	--	--	--	--	34.5	--	--	--	--	--	--	--	--	--	--	--
Cadmium	5.0	0.5	<0.2	--	--	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	--	--	--	--	--	--	--
Chromium	100	10	<1.60	--	--	--	--	--	--	--	--	--	--	--	<1.60	--	--	--	--	--	--	--	--	--	--	--
Lead	15	1.5	<0.3	--	--	--	--	--	--	--	--	--	--	--	<0.3	--	--	--	--	--	--	--	--	--	--	--
Mercury	2.0	0.2	<0.07	--	--	--	--	--	--	--	--	--	--	--	<0.07	--	--	--	--	--	--	--	--	--	--	--
Selenium	50	10	0.6	--	--	--	--	--	--	--	--	--	--	--	0.6	--	--	--	--	--	--	--	--	--	--	--
Silver	50	10	<0.2	--	--	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	--	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																				
			MW-3										MW-4										
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13
Elevation Data																							
Top of PVC	--	--	848.91	848.91	848.91	848.91	848.91	848.91	848.91	848.91	848.91	848.91	845.74	845.74	845.74	845.74	845.74	845.74	845.74	845.74	845.74	845.74	845.74	845.74
Top of Screen	--	--	844.13	844.13	844.13	844.13	844.13	844.13	844.13	844.13	844.13	844.13	843.96	843.96	843.96	843.96	843.96	843.96	843.96	843.96	843.99	843.99	843.99	843.99
Bottom of Screen	--	--	834.13	834.13	834.13	834.13	834.13	834.13	834.13	834.13	834.13	834.13	833.96	833.96	833.96	833.96	833.96	833.96	833.96	833.96	833.99	833.99	833.99	833.99
Groundwater	--	--	843.02	843.51	842.55	842.87	843.11	843.18	844.98	842.66	--	--	842.76	843.51	842.49	842.84	842.77	843.08	845.24	842.46	842.54	843.12	--	--
pH	NSE	NSE	7.37	--	--	--	--	--	--	--	--	--	7.48	--	--	--	--	--	--	--	--	--	--	--
DRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PAHs[1] (µg/l)																								
Acenaphthene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	--	--	--	--	--	--	<0.06	<0.06	<0.06	<0.067	--	--	--	--	--	--	--	--
Acenaphthylene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	--	--	--	--	--	--	<0.06	<0.06	<0.06	<0.067	--	--	--	--	--	--	--	--
Anthracene	3,000	600	<0.09	<0.09	<0.09	<0.1	--	--	--	--	--	--	<0.09	<0.09	<0.09	<0.1	--	--	--	--	--	--	--	--
Benzo(a)Anthracene	NSE	NSE	<0.1	<0.1	<0.1	<0.111	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.111	--	--	--	--	--	--	--	--
Benzo(a)Pyrene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	--	--
Benzo(b)Fluoranthene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	--	--
Benzo(k)Fluoranthene	NSE	NSE	<0.07	<0.07	<0.07	<0.078	--	--	--	--	--	--	<0.07	<0.07	<0.07	<0.078	--	--	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	--	--	--	--	--	--	<0.06	<0.06	<0.06	<0.067	--	--	--	--	--	--	--	--
Chrysene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	--	--
Fluoranthene	400	80	<0.12	<0.12	<0.12	<0.133	--	--	--	--	--	--	<0.12	<0.12	<0.12	<0.133	--	--	--	--	--	--	--	--
Fluorene	400	80	<0.12	<0.12	<0.12	<0.133	--	--	--	--	--	--	<0.12	<0.12	<0.12	<0.133	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<0.12	<0.12	<0.12	<0.133	--	--	--	--	--	--	<0.12	<0.12	<0.12	<0.133	--	--	--	--	--	--	--	--
1-Methyl Naphthalene	NSE	NSE	<0.08	<0.08	<0.08	<0.089	--	--	--	--	--	--	<0.08	<0.08	<0.08	<0.089	--	--	--	--	--	--	--	--
2-Methyl Naphthalene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	--	--
Phenanthrene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	--	--
Pyrene	250	50	<0.1	<0.1	<0.1	<0.111	--	--	--	--	--	--	<0.1	<0.1	<0.1	<0.111	--	--	--	--	--	--	--	--
VOCs[2] (µg/l)																								
Benzene	5.0	0.5	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	<0.15	<0.15	0.15	<0.15	--	--	--	--	<0.20	--	--	--
Bromobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	--	--
Bromochlororomethane	NSE	NSE	--	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	--	--
Bromodichloromethane	0.6	0.06	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	--	--
Bromomethane	10	1.0	--	<0.15	<0.15	0.18	<0.20	<0.20	--	--	--	--	--	<0.15	<0.15	<0.15	--	--	--	--	<0.50	--	--	--
n-Butylbenzene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.20	--	--	--
sec-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.25	<0.25	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.25	--	--	--
tert-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.20	--	--	--
Carbon Tetrachloride	5.0	0.5	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.80	--	--	--
Chlorobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	--	--
Chlorodibromomethane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	--	--
Chloroethane	400	80	<0.6	<0.6	<0.6	<0.6	<1.0	<1.0	--	--	--	--	<0.6	<0.6	<0.6	<0.6	--	--	--	--	<1.0	--	--	--
Chloroform	6.0	0.6	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	--	--
Chloromethane	3.0	0.3	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.30	--	--	--
o-Chlorotoluene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	--	--
p-Chlorotoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.20	--	--	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.3	<0.35	<0.35	<0.35	<0.50	<0.50	--	--	--	--	<0.3	<0.35	<0.35	<0.35	--	--	--	--	<0.50	--	--	--
1,2-Dibromoethane	0.05	0.005	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																				
			MW-3									MW-4											
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13
VOCs[2] (µg/l)																							
1,2-Dichlorobenzene	600	60	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	--	--	<0.75	<0.75	<0.75	<0.75	--	--	--	--	<0.20	--	--	--
1,3-Dichlorobenzene	1,250	125	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.20	--	--	--
1,4-Dichlorobenzene	75	15	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	--	--	<0.75	<0.75	<0.75	<0.75	--	--	--	--	<0.50	--	--	--
Dichlorodifluoromethane	1,000	200	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	--	--	--	--	<0.25	<0.25	<0.25	<0.25	--	--	--	--	<0.50	--	--	--
1,1-Dichloroethane	850	85	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.50	--	--	--
1,2-Dichloroethane	5.0	0.5	2.29	2.57	1.96	1.67	2.7	<0.50	--	--	--	--	0.296	0.30	0.37	0.41	--	--	--	--	<0.50	--	--	--
1,1-Dichloroethylene	7.0	0.7	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.50	--	--	--
cis-1,2-Dichloroethylene	70	7.0	2.22	2.55	2.05	1.81	2.2	3.1	--	--	--	--	5.57	4.55	4.54	5.24	--	--	--	--	5.8	--	--	--
trans-1,2-Dichloroethylene	100	20	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	0.138	0.3	<0.1	0.3	--	--	--	--	<0.50	--	--	--
1,2-Dichloropropane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	--	--
1,3-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.25	--	--	--
2,2-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	--	--
1,1-Dichloropropene	NSE	NSE	<0.2	<0.3	<0.3	<0.3	<0.50	<0.50	--	--	--	--	<0.2	<0.3	<0.3	0.52	--	--	--	--	<0.50	--	--	--
cis-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	--	--
trans-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	--	--
Ethylbenzene	700	140	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	--	--
Hexachlorobutadiene	NSE	NSE	<1.00	<1.00	<1.00	<1.00	<0.50	<0.50	--	--	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--	<0.50	--	--	--
Isopropylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	--	--
Isopropyl Ether	NSE	NSE	--	--	--	--	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--	--	<0.50	--	--	--
p-Isopropyltoluene	NSE	NSE	<0.2	<0.2	<0.2	0.29	<0.20	<0.20	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.20	--	--	--
Methyl tert Butyl Ether	60	12	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	0.112	0.22	<0.1	0.27	--	--	--	--	<0.50	--	--	--
Methylene Chloride	5.0	0.5	<0.4	<0.4	<0.4	<0.4	<1.0	<1.0	--	--	--	--	<0.4	<0.4	<0.4	<0.4	--	--	--	--	<1.0	--	--	--
Naphthalene	40	8.0	<1.00	<1.00	<1.00	<1.00	<0.25	<0.25	--	--	--	--	<1.00	<1.00	<1.00	<1.00	--	--	--	--	<0.25	--	--	--
n-Propylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	--	--
Tetrachloroethylene	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	--	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.25	--	--	--
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	--	--
Toluene	1,000	200	<0.4	<0.4	<0.4	<0.4	0.29	0.29	--	--	--	--	<0.4	<0.4	0.44	<0.4	--	--	--	--	13	--	--	--
1,1,2-Trichloroethane	5.0	0.5	--	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	--	<0.1	<0.1	<0.1	--	--	--	--	<0.25	--	--	--
Total Trimethylbenzenes	480	96	<0.3	<0.3	<0.3	<0.3	<0.40	<0.40	--	--	--	--	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.25	--	--	--
1,2,4-Trichlorobenzene	70	14	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.25	--	--	--
1,1,1-Trichloroethane	200	40	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.50	--	--	--
Trichloroethylene	5.0	0.5	0.535	0.61	0.80	0.39	<0.30	0.67	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.20	--	--	--
Trichlorofluoromethane	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.50	--	--	--
Vinyl Chloride	0.2	0.02	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.20	--	--	--
Total Xylenes	10,000	1,000	<0.5	<0.5	<0.5	<0.5	<0.50	<0.50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.50	--	--	--
Metals (µg/l)																								
Arsenic	50	5.0	3.4	--	--	--	--	--	--	--	--	--	<0.6	--	--	--	--	--	--	--	--	--	--	--
Barium	2000	400	33.7	--	--	--	--	--	--	--	--	--	48.2	--	--	--	--	--	--	--	--	--	--	--
Cadmium	5.0	0.5	<0.2	--	--	--	--	--	--	--	--	--	0.77	--	--	--	0.020	<0.12	--	--	--	--	--	--
Chromium	100	10	<1.60	--	--	--	--	--	--	--	--	--	2.80	--	--	--	--	--	--	--	--	--	--	--
Lead	15	1.5	<0.3	--	--	--	--	--	--	--	--	--	<0.3	--	--	--	--	--	--	--	--	--	--	--
Mercury	2.0	0.2	<0.07	--	--	--	--	--	--	--	--	--	<0.07	--	--	--	--	--	--	--	--	--	--	--
Selenium	50	10	<0.6	--	--	--	--	--	--	--	--	--	0.7	--	--	--	--	--	--	--	--	--	--	--
Silver	50	10	<0.2	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	--	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date												
			MW-5												
	ES	PAL	2/16/06	5/30/06	5/30/06 Dup	8/29/06	11/15/06	2/19/08	5/21/08	3/19/09	3/19/09 Dup	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13
Elevation Data																
Top of PVC	--	--	848.62	848.62	848.62	848.62	848.62	848.62	848.62	848.62	848.62	848.62	848.62	848.62	848.62	848.62
Top of Screen	--	--	843.75	843.75	843.75	843.75	843.75	843.75	843.75	843.75	843.75	843.75	843.75	843.75	843.75	843.75
Bottom of Screen	--	--	833.75	833.75	833.75	833.75	833.75	833.75	833.75	833.75	833.75	833.75	833.75	833.75	833.75	833.75
Groundwater	--	--	842.81	843.53	--	842.40	842.73	843.12	843.05	844.48	--	842.50	842.70	843.07	843.13	--
pH	NSE	NSE	7.38	--	--	--	--	--	--	--	--	--			--	--
DRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--			--	--
PAHs[1] (µg/l)																
Acenaphthene	NSE	NSE	<0.06	<0.06	<0.06	<0.06	<0.067	<0.37	<0.35	--	--	--	--	--	--	--
Acenaphthylene	NSE	NSE	<0.06	<0.06	<0.06	<0.06	<0.067	<0.77	<0.73	--	--	--	--	--	--	--
Anthracene	3,000	600	<0.09	<0.09	<0.09	<0.09	<0.1	<0.042	<0.040	--	--	--	--	--	--	--
Benzo(a)Anthracene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.111	<0.049	<0.047	--	--	--	--	--	--	--
Benzo(a)Pyrene	0.2	0.02	<0.02	<0.02	<0.02	<0.02	<0.022	<0.036	<0.034	--	--	--	--	--	--	--
Benzo(b)Fluoranthene	0.2	0.02	<0.02	<0.02	0.025	<0.02	<0.022	<0.11	<0.10	--	--	--	--	--	--	--
Benzo(k)Fluoranthene	NSE	NSE	<0.07	<0.07	<0.07	<0.07	<0.078	<0.054	<0.052	--	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NSE	NSE	<0.06	0.230	0.17	<0.06	0.078	<0.13	<0.13	--	--	--	--	--	--	--
Chrysene	0.2	0.02	<0.02	<0.02	<0.02	<0.02	<0.022	<0.046	<0.044	--	--	--	--	--	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<0.11	<0.11	<0.11	<0.11	<0.122	<0.14	<0.14	--	--	--	--	--	--	--
Fluoranthene	400	80	<0.12	<0.12	<0.12	<0.12	<0.133	<0.090	<0.086	--	--	--	--	--	--	--
Fluorene	400	80	<0.12	<0.12	<0.12	<0.12	<0.133	<0.069	<0.066	--	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<0.12	<0.12	<0.12	<0.12	<0.133	<0.069	<0.066	--	--	--	--	--	--	--
1-Methyl Naphthalene	NSE	NSE	<0.08	<0.08	<0.08	<0.08	<0.089	<0.36	<0.34	--	--	--	--	--	--	--
2-Methyl Naphthalene	NSE	NSE	<0.11	<0.11	<0.11	<0.11	0.122	<0.34	<0.33	--	--	--	--	--	--	--
Naphthalene	40	8.0	<0.11	<0.11	<0.11	<0.11	<0.122	<0.44	<0.43	--	--	--	--	--	--	--
Phenanthrene	NSE	NSE	<0.11	<0.11	<0.11	<0.11	<0.122	<0.033	<0.032	--	--	--	--	--	--	--
Pyrene	250	50	<0.1	<0.1	<0.1	<0.1	<0.111	<0.049	<0.047	--	--	--	--	--	--	--
VOCs[2] (µg/l)																
Benzene	5.0	0.5	<0.15	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	<0.20	--	<0.074	--
Bromobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	<0.20	--	<0.25	--
Bromochlororomethane	NSE	NSE	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	<0.50	--	<0.40	--
Bromodichloromethane	0.6	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	<0.20	--	<0.17	--
Bromomethane	10	1.0	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	<0.50	--	<0.31	--
n-Butylbenzene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	<0.20	--	<0.13	--
sec-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.15	<0.25	<0.25	--	--	--	<0.25	--	<0.15	--
tert-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	<0.20	--	<0.14	--
Carbon Tetrachloride	5.0	0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	<0.80	--	<0.26	--
Chlorobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	<0.20	--	<0.14	--
Chlorodibromomethane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	<0.20	--	<0.32	--
Chloroethane	400	80	<0.6	<0.6	<0.6	<0.6	<0.6	<1.0	<1.0	--	--	--	<1.0	--	<0.34	--
Chloroform	6.0	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	<0.20	--	<0.20	--
Chloromethane	3.0	0.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	<.30	--	<0.18	--
o-Chlorotoluene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	<0.50	--	<0.21	--
p-Chlorotoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	<0.20	--	<0.20	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.3	<0.35	<0.35	<0.35	<0.35	<0.50	<0.50	--	--	--	<0.50	--	<0.87	--
1,2-Dibromoethane	0.05	0.005	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	<0.20	--	<0.36	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date												
			MW-5												
	ES	PAL	2/16/06	5/30/06	5/30/06 Dup	8/29/06	11/15/06	2/19/08	5/21/08	3/19/09	3/19/09 Dup	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13
VOCs[2] (µg/l)																
1,2-Dichlorobenzene	600	60	<0.75	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	--	<0.20	--	<0.27	--
1,3-Dichlorobenzene	1,250	125	<0.15	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	<0.20	--	<0.15	--
1,4-Dichlorobenzene	75	15	<0.75	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	--	<0.50	--	<0.15	--
Dichlorodifluoromethane	1,000	200	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	--	--	--	<0.50	--	<0.20	--
1,1-Dichloroethane	850	85	<0.15	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	--	<0.50	--	<0.19	--
1,2-Dichloroethane	5.0	0.5	0.357	0.29	0.24	0.35	0.34	<0.50	<0.50	--	--	--	<0.50	--	<0.28	--
1,1-Dichloroethylene	7.0	0.7	<0.15	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	--	<0.50	--	<0.31	--
cis-1,2-Dichloroethylene	70	7.0	8.26	5.98	5.49	7.34	9.97	6.5	8.6	0.45	0.50	8.40	3.60	4.7	4.7	--
trans-1,2-Dichloroethylene	100	20	0.262	0.46	0.48	0.2	0.53	<0.50	<0.50	--	--	--	<0.50	--	<0.25	--
1,2-Dichloropropane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	<0.50	--	<0.20	--
1,3-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	<0.25	--	<0.13	--
2,2-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	0.12	<0.50	<0.50	--	--	--	<0.50	--	<0.32	--
1,1-Dichloropropene	NSE	NSE	<0.2	<0.3	<0.3	<0.3	0.34	<0.50	<0.50	--	--	--	<0.50	--	<0.34	--
cis-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	<0.20	--	<0.18	--
trans-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	<0.20	--	<0.21	--
Ethylbenzene	700	140	<0.1	<0.1	0.11	<0.1	<0.1	<0.50	<0.50	--	--	--	<0.50	--	<0.13	--
Hexachlorobutadiene	NSE	NSE	<1.00	<1.00	<1.00	<1.00	<1.00	<0.50	<0.50	--	--	--	<0.50	--	<0.26	--
Isopropylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	<0.20	--	<0.14	--
Isopropyl Ether	NSE	NSE	--	--	--	--	--	<0.50	<0.50	--	--	--	<0.50	--	<0.15	--
p-Isopropyltoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	<0.20	--	<0.17	--
Methyl tert Butyl Ether	60	12	<0.1	0.17	0.18	<0.10	0.18	<0.50	<0.50	--	--	--	<0.50	--	<0.24	--
Methylene Chloride	5.0	0.5	<0.4	<0.4	<0.4	<0.4	<0.4	<1.0	<1.0	--	--	--	<1.0	--	<0.68	--
Naphthalene	40	8.0	<1.00	<1.00	<1.00	<1.00	<1.00	<0.25	<0.25	--	--	--	<0.25	--	<0.16	--
n-Propylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	<0.50	--	<0.13	--
Tetrachloroethylene	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	<0.50	--	<0.17	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	<0.25	--	<0.25	--
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	<0.20	--	<0.23	--
Toluene	1,000	200	<0.4	<0.4	<0.4	<0.4	<0.4	0.33	<0.20	--	--	--	<0.50	--	<0.11	--
1,1,2-Trichloroethane	5.0	0.5	--	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	<0.25	--	<0.28	--
Total Trimethylbenzenes	480	96	<0.3	<0.3	<0.3	<0.3	<0.3	<0.40	<0.40	--	--	--	--	--	<0.18	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	--	<0.25	--	<0.24	--
1,2,4-Trichlorobenzene	70	14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	--	<0.25	--	<0.31	--
1,1,1-Trichloroethane	200	40	<0.2	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	<0.50	--	<0.20	--
Trichloroethylene	5.0	0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	<0.20	--	<0.19	--
Trichlorofluoromethane	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	<0.50	--	<0.19	--
Vinyl Chloride	0.2	0.02	<0.15	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	<0.016	<0.016	--	<0.20	--	<0.10	--
Total Xylenes	10,000	1,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	<0.50	--	--	--	<0.50	--	<0.068	--
Metals (µg/l)																
Arsenic	50	5.0	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	2,000	400	68.5	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	5.0	0.5	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	100	10	1.90	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	15	1.5	<0.3	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	2.0	0.2	<0.07	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	50	10	0.7	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	50	10	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date											
			PZ-5											
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/19/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13
Elevation Data													--	--
Top of PVC	--	--	848.36	848.36	848.36	848.36	848.36	848.36	848.36	848.36	848.36	848.36	848.36	848.36
Top of Screen	--	--	823.14	823.14	823.14	823.14	823.14	823.14	823.14	823.14	823.14	823.14	823.14	823.14
Bottom of Screen	--	--	818.14	818.14	818.14	818.14	818.14	818.14	818.14	818.14	818.14	818.14	818.14	818.14
Groundwater	--	--	--	843.74	842.57	842.85	843.09	843.26	844.65	842.64	842.71	843.21	843.27	--
pH	NSE	NSE	7.48	--	--	--	--	--	--	--	--	--	--	--
DRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--
PAHs[1] (µg/l)														
Acenaphthene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	--	--	--	--	--	--	--	--
Acenaphthylene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	--	--	--	--	--	--	--	--
Anthracene	3,000	600	<0.09	<0.09	<0.09	<0.1	--	--	--	--	--	--	--	--
Benzo(a)Anthracene	NSE	NSE	<0.1	<0.1	<0.1	<0.111	--	--	--	--	--	--	--	--
Benzo(a)Pyrene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	--	--
Benzo(b)Fluoranthene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	--	--
Benzo(k)Fluoranthene	NSE	NSE	<0.07	<0.07	<0.07	<0.078	--	--	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	--	--	--	--	--	--	--	--
Chrysene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	--	--
Fluoranthene	400	80	0.123	<0.12	<0.12	<0.133	--	--	--	--	--	--	--	--
Fluorene	400	80	<0.12	<0.12	<0.12	<0.133	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<0.12	<0.12	<0.12	<0.133	--	--	--	--	--	--	--	--
1-Methyl Naphthalene	NSE	NSE	<0.08	<0.08	<0.08	<0.089	--	--	--	--	--	--	--	--
2-Methyl Naphthalene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	--	--
Phenanthrene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	--	--
Pyrene	250	50	0.169	<0.1	<0.1	<0.111	--	--	--	--	--	--	--	--
VOCs[2] (µg/l)														
Benzene	5.0	0.5	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.20	--	<0.074	--
Bromobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.25	--
Bromochlororomethane	NSE	NSE	--	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.40	--
Bromodichloromethane	0.6	0.06	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.17	--
Bromomethane	10	1.0	--	<0.15	<0.15	<0.15	--	--	--	--	<0.50	--	<0.31	--
n-Butylbenzene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.20	--	<0.13	--
sec-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.25	--	<0.15	--
tert-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.20	--	<0.14	--
Carbon Tetrachloride	5.0	0.5	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.80	--	<0.26	--
Chlorobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.14	--
Chlorodibromomethane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.32	--
Chloroethane	400	80	<0.6	<0.6	<0.6	<0.6	--	--	--	--	<1.0	--	<0.34	--
Chloroform	6.0	0.6	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.20	--
Chloromethane	3.0	0.3	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.30	--	<0.18	--
o-Chlorotoluene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.21	--
p-Chlorotoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.20	--	<0.20	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.3	<0.35	<0.35	<0.35	--	--	--	--	<0.50	--	<0.87	--
1,2-Dibromoethane	0.05	0.005	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.36	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date											
			PZ-5											
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/19/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13
VOCs[2] (µg/l)														
1,2-Dichlorobenzene	600	60	<0.75	<0.75	<0.75	<0.75	--	--	--	--	<0.20	--	<0.27	--
1,3-Dichlorobenzene	1,250	125	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.20	--	<0.15	--
1,4-Dichlorobenzene	75	15	<0.75	<0.75	<0.75	<0.75	--	--	--	--	<0.50	--	<0.15	--
Dichlorodifluoromethane	1,000	200	<0.25	<0.25	<0.25	<0.25	--	--	--	--	<0.50	--	<0.20	--
1,1-Dichloroethane	850	85	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.50	--	<0.19	--
1,2-Dichloroethane	5.0	0.5	0.335	0.31	0.38	0.48	--	--	--	--	**6.3**	**5.2**	**5.2**	--
1,1-Dichloroethylene	7.0	0.7	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.50	--	<0.31	--
cis-1,2-Dichloroethylene	70	7.0	<0.2	0.21	<0.20	0.26	--	--	--	--	0.8	1.3	1.3	--
trans-1,2-Dichloroethylene	100	20	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.25	--
1,2-Dichloropropane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.20	--
1,3-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.25	--	<0.13	--
2,2-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.32	--
1,1-Dichloropropene	NSE	NSE	<0.2	<0.3	<0.3	<0.3	--	--	--	--	<0.50	--	<0.34	--
cis-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.18	--
trans-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.21	--
Ethylbenzene	700	140	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.13	--
Hexachlorobutadiene	NSE	NSE	<1.00	<1.00	<1.00	<1.00	--	--	--	--	<0.50	--	<0.26	--
Isopropylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.14	--
Isopropyl Ether	NSE	NSE	--	--	--	--	--	--	--	--	<0.50	--	<0.15	--
p-Isopropyltoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.20	--	<0.17	--
Methyl tert Butyl Ether	60	12	<0.1	0.14	<0.1	0.12	--	--	--	--	<0.50	--	<0.24	--
Methylene Chloride	5.0	0.5	<0.4	<0.4	<0.4	<0.4	--	--	--	--	<1.0	--	<0.68	--
Naphthalene	40	8.0	<1.00	<1.00	<1.00	<1.00	--	--	--	--	<0.25	--	<0.16	--
n-Propylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.13	--
Tetrachloroethylene	5.0	0.5	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.17	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.25	--	<0.25	--
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.23	--
Toluene	1,000	200	<0.4	<0.4	<0.4	<0.4	--	--	--	--	<0.50	--	<0.11	--
1,1,2-Trichloroethane	5.0	0.5	--	<0.1	<0.1	<0.1	--	--	--	--	<0.25	--	<0.28	--
Total Trimethylbenzenes	480	96	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	<0.18	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.25	--	<0.24	--
1,2,4-Trichlorobenzene	70	14	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.25	--	<0.31	--
1,1,1-Trichloroethane	200	40	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.50	--	<0.20	--
Trichloroethylene	5.0	0.5	<0.2	<0.2	<0.2	<0.2	--	--	--	--	0.28	0.57	0.57	--
Trichlorofluoromethane	NSE	NSE	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.50	--	<0.19	--
Vinyl Chloride	0.2	0.02	<0.15	<0.15	<0.15	<0.15	--	--	<0.016	--	<0.20	--	<0.10	--
Total Xylenes	10,000	1,000	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.50	--	<0.068	--
Metals (µg/l)														
Arsenic	50	5.0	10.3	--	--	2.02	17	24	20	21	--	--	--	--
Barium	2,000	400	71.2	--	--	--	--	--	--	--	--	--	--	--
Cadmium	5.0	0.5	<0.2	--	--	--	--	--	--	--	--	--	--	--
Chromium	100	10	<1.60	--	--	--	--	--	--	--	--	--	--	--
Lead	15	1.5	<0.3	--	--	--	--	--	--	--	--	--	--	--
Mercury	2.0	0.2	<0.07	--	--	--	--	--	--	--	--	--	--	--
Selenium	50	10	0.8	--	--	--	--	--	--	--	--	--	--	--
Silver	50	10	<0.2	--	--	--	--	--	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																				
			MW-6										MW-7										
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/19/09	7/8/09	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/19/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13
Elevation Data																							
Top of PVC	--	--	846.36	846.36	846.36	846.36	846.36	846.36	846.36	846.36	846.36	846.36	846.53	846.53	846.53	846.53	846.53	846.53	846.53	846.53	846.53	846.53	846.53	846.53
Top of Screen	--	--	844.28	844.28	844.28	844.28	844.28	844.28	844.28	844.28	844.28	844.28	845.17	845.17	845.17	845.17	845.17	845.17	845.17	845.17	845.17	845.17	845.17	845.17
Bottom of Screen	--	--	834.28	834.28	834.28	834.28	834.28	834.28	834.28	834.28	834.28	834.28	835.17	835.17	835.17	835.17	835.17	835.17	835.17	835.17	835.17	835.17	835.17	835.17
Groundwater	--	--	843.00	843.48	842.55	842.84	842.96	842.98	--	842.45	--	--	842.94	843.27	842.58	842.86	842.98	843.03	--	842.41	842.62	841.89	--	--
pH	NSE	NSE	7.39	--	--	--	--	--	--	--	--	--	7.49	--	--	--	--	--	--	--	--	--	--	--
DRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PAHs[1] (µg/l)																								
Acenaphthene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	--	--	--	--	--	--	<0.06	<0.061	<0.061	<0.067	--	--	--	--	--	--	--	--
Acenaphthylene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	--	--	--	--	--	--	<0.06	<0.061	<0.061	<0.067	--	--	--	--	--	--	--	--
Anthracene	3,000	600	<0.09	<0.09	<0.09	<0.1	--	--	--	--	--	--	<0.09	<0.092	<0.092	<0.1	--	--	--	--	--	--	--	--
Benzo(a)Anthracene	NSE	NSE	<0.1	<0.1	<0.1	<0.111	--	--	--	--	--	--	<0.1	<0.102	<0.102	<0.111	--	--	--	--	--	--	--	--
Benzo(a)Pyrene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	--	--
Benzo(b)Fluoranthene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	--	--
Benzo(k)Fluoranthene	NSE	NSE	<0.07	<0.07	<0.07	<0.078	--	--	--	--	--	--	<0.07	<0.071	<0.071	<0.078	--	--	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NSE	NSE	<0.06	<0.06	<0.06	0.092	--	--	--	--	--	--	<0.06	<0.061	<0.061	<0.067	--	--	--	--	--	--	--	--
Chrysene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	--	--	--	--	--	--	<0.02	<0.020	<0.020	<0.022	--	--	--	--	--	--	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	<0.11	<0.112	<0.112	<0.122	--	--	--	--	--	--	--	--
Fluoranthene	400	80	<0.12	<0.12	<0.12	<0.133	--	--	--	--	--	--	<0.12	<0.122	<0.122	<0.133	--	--	--	--	--	--	--	--
Fluorene	400	80	<0.12	<0.12	<0.12	<0.133	--	--	--	--	--	--	<0.12	<0.122	<0.122	<0.133	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<0.12	<0.12	<0.12	<0.133	--	--	--	--	--	--	<0.12	<0.122	<0.122	<0.133	--	--	--	--	--	--	--	--
1-Methyl Naphthalene	NSE	NSE	<0.08	<0.08	<0.08	<0.089	--	--	--	--	--	--	<0.08	<0.082	<0.082	<0.089	--	--	--	--	--	--	--	--
2-Methyl Naphthalene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	<0.11	<0.112	<0.112	<0.122	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	<0.11	<0.112	<0.112	<0.122	--	--	--	--	--	--	--	--
Phenanthrene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	--	--	--	--	--	--	<0.11	<0.112	<0.112	<0.122	--	--	--	--	--	--	--	--
Pyrene	250	50	<0.1	<0.1	<0.1	<0.111	--	--	--	--	--	--	<0.1	<0.102	<0.102	<0.111	--	--	--	--	--	--	--	--
VOCs[2] (µg/l)																								
Benzene	5.0	0.5	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	--	--	--
Bromobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	--	--
Bromochlororomethane	NSE	NSE	--	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	--	--
Bromodichloromethane	0.6	0.06	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	--	--
Bromomethane	10	1.0	--	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	--	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.50	--	--	--
n-Butylbenzene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	--	--
sec-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.25	<0.25	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.25	<0.25	--	--	<0.25	--	--	--
tert-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	--	--	--
Carbon Tetrachloride	5.0	0.5	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.80	--	--	--
Chlorobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	--	--
Chlorodibromomethane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	--	--
Chloroethane	400	80	<0.6	<0.6	<0.6	<0.6	<1.0	<1.0	--	--	--	--	<0.6	<0.6	<0.6	<0.6	<1.0	<1.0	--	--	<1.0	--	--	--
Chloroform	6.0	0.6	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	--	--
Chloromethane	3.0	0.3	<0.2	0.24	<0.2	<0.2	<0.20	<0.20	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<.30	--	--	--
o-Chlorotoluene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	--	--
p-Chlorotoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	--	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.3	<0.35	<0.35	<0.35	<0.50	<0.50	--	--	--	--	<0.3	<0.35	<0.35	<0.35	<0.50	<0.50	--	--	<0.50	--	--	--
1,2-Dibromoethane	0.05	0.005	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																				
			MW-6									MW-7											
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/19/09	7/8/09	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/19/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13
VOCs[2] (µg/l)																							
1,2-Dichlorobenzene	600	60	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	--	--	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	<0.20	--	--	--
1,3-Dichlorobenzene	1,250	125	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	--	--	--
1,4-Dichlorobenzene	75	15	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	--	--	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	<0.50	--	--	--
Dichlorodifluoromethane	1,000	200	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	--	--	--	--	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	--	--	<0.50	--	--	--
1,1-Dichloroethane	850	85	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	<0.50	--	--	--
1,2-Dichloroethane	5.0	0.5	0.678	0.67	0.69	0.64	<0.50	<0.50	--	--	--	--	0.786	0.53	0.77	0.96	0.73	<0.50	0.28	0.79	0.73	--	--	--
1,1-Dichloroethylene	7.0	0.7	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	<0.50	--	--	--
cis-1,2-Dichloroethylene	70	7.0	0.869	0.81	1.36	2.79	2.2	1.2	--	--	--	--	1.82	1.38	3.27	1.86	1.6	1.3	--	--	2	--	--	--
trans-1,2-Dichloroethylene	100	20	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	--	--
1,2-Dichloropropane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	--	--
1,3-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	--	--	--
2,2-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	--	--
1,1-Dichloropropene	NSE	NSE	<0.2	<0.3	<0.3	<0.3	<0.50	<0.50	--	--	--	--	<0.2	<0.3	<0.3	0.32	<0.50	<0.50	--	--	<0.50	--	--	--
cis-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	--	--
trans-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	--	--
Ethylbenzene	700	140	<0.1	<0.1	0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	--	--
Hexachlorobutadiene	NSE	NSE	<1.00	<1.00	<1.00	<1.00	<0.50	<0.50	--	--	--	--	<1.00	<1.00	<1.00	<1.00	<0.50	<0.50	--	--	<0.50	--	--	--
Isopropylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	--	--
Isopropyl Ether	NSE	NSE	--	--	--	--	<0.50	<0.50	--	--	--	--	--	--	--	--	<0.50	<0.50	--	--	<0.50	--	--	--
p-Isopropyltoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	--	--
Methyl tert Butyl Ether	60	12	<0.1	0.21	<0.1	0.24	<0.50	<0.50	--	--	--	--	<0.1	0.13	0.13	<0.1	<0.50	<0.50	--	--	<0.50	--	--	--
Methylene Chloride	5.0	0.5	<0.4	<0.4	<0.4	<0.4	<1.0	<1.0	--	--	--	--	<0.4	<0.4	<0.4	<0.4	<1.0	<1.0	--	--	<1.0	--	--	--
Naphthalene	40	8.0	<1.00	<1.00	<1.00	<1.00	<0.25	<0.25	--	--	--	--	<1.00	<1.00	<1.00	<1.00	<0.25	<0.25	--	--	<0.25	--	--	--
n-Propylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.50	--	--	--
Tetrachloroethylene	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	--	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	--	--	--
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	--	--	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	--	--
Toluene	1,000	200	<0.4	<0.4	<0.4	<0.4	<0.20	<0.20	--	--	--	--	<0.4	<0.4	<0.4	<0.4	<0.20	<0.20	--	--	<0.50	--	--	--
1,1,2-Trichloroethane	5.0	0.5	--	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	--	--	--	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	--	--	--
Total Trimethylbenzenes	480	96	<0.3	<0.3	<0.3	<0.3	<0.40	<0.40	--	--	--	--	<0.3	<0.3	<0.3	<0.3	<0.40	<0.40	--	--	--	--	--	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	<0.25	--	--	--
1,2,4-Trichlorobenzene	70	14	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	<0.25	--	--	--
1,1,1-Trichloroethane	200	40	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.50	--	--	--
Trichloroethylene	5.0	0.5	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	--	--
Trichlorofluoromethane	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	--	--	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.50	--	--	--
Vinyl Chloride	0.2	0.02	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	--	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	<0.016	--	<0.20	--	--	--
Total Xylenes	10,000	1,000	<0.5	<0.5	<0.5	<0.5	<0.50	<0.50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.50	<0.50	--	--	<0.50	--	--	--
Metals (µg/l)																								
Arsenic	50	5.0	1.20	--	--	--	--	--	--	--	--	--	4.70	--	--	--	--	--	--	--	--	--	--	--
Barium	2,000	400	52.4	--	--	--	--	--	--	--	--	--	58.5	--	--	--	--	--	--	--	--	--	--	--
Cadmium	5.0	0.5	0.28	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	--	--	--	--	--	--	--
Chromium	100	10	1.90	--	--	--	--	--	--	--	--	--	<1.60	--	--	--	--	--	--	--	--	--	--	--
Lead	15	1.5	<0.3	--	--	--	--	--	--	--	--	--	<0.3	--	--	--	--	--	--	--	--	--	--	--
Mercury	2.0	0.2	<0.07	--	--	--	--	--	--	--	--	--	<0.07	--	--	--	--	--	--	--	--	--	--	--
Selenium	50	10	0.8	--	--	--	--	--	--	--	--	--	0.9	--	--	--	--	--	--	--	--	--	--	--
Silver	50	10	<0.2	--	--	--	--	--	--	--	--	--	<0.2	--	--	--	--	--	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date														
			MW-8													PZ-8	
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	11/15/06 Dup	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13	2/28/13	3/1/13
Elevation Data																	
Top of PVC	--	--	847.43	847.43	847.43	847.43	847.43	847.43	847.43	847.43	847.43	847.43	847.43	847.43	847.43	847.33	847.33
Top of Screen	--	--	846.38	846.38	846.38	846.38	846.38	846.38	846.38	846.38	846.38	846.38	846.38	846.38	846.38	825.03	825.03
Bottom of Screen	--	--	836.38	836.38	836.38	836.38	836.38	836.38	836.38	836.38	836.38	836.38	836.38	836.38	836.38	820.03	820.03
Groundwater	--	--	843.10	843.58	842.87	843.00	--	843.34	843.33	843.75	842.81	843.12	843.35	843.43	--	843.43	--
pH	NSE	NSE	7.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PAHs[1] (µg/l)																	
Acenaphthene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	<0.067	<0.38	<0.88	--	--	--	--	--	--	--	--
Acenaphthylene	NSE	NSE	<0.06	<0.06	<0.06	<0.067	<0.067	<0.80	<1.8	--	--	--	--	--	--	--	--
Anthracene	3,000	600	<0.09	<0.09	<0.09	<0.1	<0.1	<0.044	<0.10	--	--	--	--	--	--	--	--
Benzo(a)Anthracene	NSE	NSE	<0.1	<0.1	<0.1	<0.111	<0.111	<0.051	<0.12	--	--	--	--	--	--	--	--
Benzo(a)Pyrene	0.2	0.02	<0.02	<0.02	<0.02	<0.022	<0.022	<0.037	<0.085	--	--	--	--	--	--	--	--
Benzo(b)Fluoranthene	0.2	0.02	<0.02	<0.02	0.068	<0.022	0.041	<0.11	<0.26	--	--	--	--	--	--	--	--
Benzo(k)Fluoranthene	NSE	NSE	<0.07	<0.07	<0.07	<0.078	<0.078	<0.057	<0.13	--	--	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NSE	NSE	<0.06	<0.06	0.175	0.276	0.344	<0.14	<0.32	--	--	--	--	--	--	--	--
Chrysene	0.2	0.02	<0.02	<0.02	<0.02	0.029	0.049	<0.048	<0.11	--	--	--	--	--	--	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	<0.122	<0.15	<0.35	--	--	--	--	--	--	--	--
Fluoranthene	400	80	<0.12	<0.12	<0.12	<0.133	<0.133	<0.094	<0.22	--	--	--	--	--	--	--	--
Fluorene	400	80	<0.12	<0.12	<0.12	<0.133	<0.133	<0.072	<0.17	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<0.12	<0.12	<0.12	<0.133	<0.133	<0.072	<0.17	--	--	--	--	--	--	--	--
1-Methyl Naphthalene	NSE	NSE	<0.08	<0.08	<0.08	<0.089	<0.089	<0.37	<0.85	--	--	--	--	--	--	--	--
2-Methyl Naphthalene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	<0.122	<0.36	<0.83	--	--	--	--	--	--	--	--
Naphthalene	40	8.0	<0.11	<0.11	<0.11	<0.122	<0.122	<0.47	<1.1	--	--	--	--	--	--	--	--
Phenanthrene	NSE	NSE	<0.11	<0.11	<0.11	<0.122	<0.122	<0.035	<0.80	--	--	--	--	--	--	--	--
Pyrene	250	50	<0.1	<0.1	<0.1	<0.111	<0.111	<0.051	<0.12	--	--	--	--	--	--	--	--
VOCs[2] (µg/l)																	
Benzene	5.0	0.5	<0.15	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	--	<0.074	--	<0.074	--
Bromobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.25	--	<0.25	--
Bromochlororomethane	NSE	NSE	--	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.40	--	<0.40	--
Bromodichloromethane	0.6	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.17	--	<0.17	--
Bromomethane	10	1.0	--	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.50	--	<0.31	--	<0.31	--
n-Butylbenzene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	<0.13	--	<0.13	--
sec-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.15	<0.25	<0.25	--	--	<0.25	--	<0.15	--	<0.15	--
tert-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	--	<0.14	--	<0.14	--
Carbon Tetrachloride	5.0	0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.80	--	<0.26	--	<0.26	--
Chlorobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.14	--	<0.14	--
Chlorodibromomethane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.32	--	<0.32	--
Chloroethane	400	80	<0.6	<0.6	<0.6	<0.6	<0.6	<1.0	<1.0	--	--	<1.0	--	<0.34	--	<0.34	--
Chloroform	6.0	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.20	--	<0.20	--
Chloromethane	3.0	0.3	<0.2	0.28	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.30	--	<0.18	--	<0.18	--
o-Chlorotoluene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	--	<0.21	--	<0.21	--
p-Chlorotoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	<0.20	--	<0.20	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.3	<0.35	<0.35	<0.35	<0.35	<0.50	<0.50	--	--	<0.50	--	<0.87	--	<0.87	--
1,2-Dibromoethane	0.05	0.005	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	--	<0.36	--	<0.36	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date														
			MW-8													PZ-8	
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	11/15/06 Dup	2/19/08	5/21/08	3/20/09	7/8/09	10/6/11	11/4/11	2/28/13	3/1/13	2/28/13	3/1/13
VOCs[2] (µg/l)																	
1,2-Dichlorobenzene	600	60	<0.75	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	<0.27	--	<0.27	--	<0.27	--
1,3-Dichlorobenzene	1,250	125	<0.15	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.15	--	<0.15	--	<0.15	--
1,4-Dichlorobenzene	75	15	<0.75	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	<0.15	--	<0.15	--	<0.15	--
Dichlorodifluoromethane	1,000	200	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	--	--	<0.20	--	<0.20	--	<0.20	--
1,1-Dichloroethane	850	85	0.26	<0.15	<0.15	0.25	0.36	<0.50	<0.50	--	--	<0.19	--	<0.19	--	<0.19	--
1,2-Dichloroethane	5.0	0.5	<0.1	0.11	<0.1	<0.10	<0.10	<0.50	<0.50	--	--	<0.36	--	<0.36	--	<0.36	--
1,1-Dichloroethylene	7.0	0.7	<0.15	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	<0.31	--	<0.31	--	<0.31	--
cis-1,2-Dichloroethylene	70	7.0	5.06	8.83	4.86	2.86	2.61	21	21	**72**	58	47	--	**91**	--	60	--
trans-1,2-Dichloroethylene	100	20	<0.1	0.22	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	0.6	--	1.1	--	1.1	--
1,2-Dichloropropane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.20	--	<0.20	--	<0.20	--
1,3-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.13	--	<0.13	--	<0.13	--
2,2-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.32	--	<0.32	--	<0.32	--
1,1-Dichloropropene	NSE	NSE	<0.2	<0.3	<0.3	<0.3	<0.3	<0.50	<0.50	--	--	<0.34	--	<0.34	--	<0.34	--
cis-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.18	--	<0.18	--	<0.18	--
trans-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.21	--	<0.21	--	<0.21	--
Ethylbenzene	700	140	<0.1	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.13	--	<0.13	--	<0.13	--
Hexachlorobutadiene	NSE	NSE	<1.00	<1.00	<1.00	<1.00	<1.00	<0.50	<0.50	--	--	<0.26	--	<0.26	--	<0.26	--
Isopropylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.14	--	<0.14	--	<0.14	--
Isopropyl Ether	NSE	NSE	--	--	--	--	--	<0.50	<0.50	--	--	<0.15	--	<0.15	--	<0.15	--
p-Isopropyltoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.17	--	<0.17	--	<0.17	--
Methyl tert Butyl Ether	60	12	<0.1	0.19	<0.10	<0.10	<0.10	<0.50	<0.50	--	--	<0.24	--	<0.24	--	<0.24	--
Methylene Chloride	5.0	0.5	<0.4	<0.4	<0.4	<0.4	<0.4	<1.0	<1.0	--	--	<0.68	--	<0.68	--	<0.68	--
Naphthalene	40	8.0	<1.00	<1.00	<1.00	<1.00	<1.00	<0.25	<0.25	--	--	<0.16	--	<0.16	--	<0.16	--
n-Propylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.13	--	<0.13	--	<0.13	--
Tetrachloroethylene	5.0	0.5	0.236	<0.1	0.12	0.16	0.20	<0.50	<0.50	--	--	**42**	--	**18**	--	1.1	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	--	<0.25	--	<0.25	--
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.23	--	<0.23	--	<0.23	--
Toluene	1,000	200	0.4	<0.4	<0.4	<0.4	<0.4	<0.20	<0.20	--	--	<0.11	--	<0.11	--	<0.11	--
1,1,2-Trichloroethane	5.0	0.5	--	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.28	--	<0.28	--	<0.28	--
Total Trimethylbenzenes	480	96	<0.3	<0.3	<0.3	<0.3	<0.3	<0.40	<0.40	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	<0.24	--	<0.24	--	<0.24	--
1,2,4-Trichlorobenzene	70	14	<0.5	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	<0.31	--	<0.31	--	<0.31	--
1,1,1-Trichloroethane	200	40	0.241	<0.2	0.29	<0.2	<0.2	<0.50	<0.50	--	--	<0.20	--	<0.20	--	<0.20	--
Trichloroethylene	5.0	0.5	0.228	2.66	1.93	1.11	1.06	1.6	**16**	**16**	**46**	**37**	--	**12**	--	**17**	--
Trichlorofluoromethane	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.19	--	<0.19	--	<0.19	--
Vinyl Chloride	0.2	0.02	<0.15	0.16	<0.15	<0.15	<0.15	**0.61**	**0.25**	**1.3**	**0.24**	<0.10	--	**2.7**	--	<0.10	--
Total Xylenes	10,000	1,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	<0.50	--	--	<0.068	--	<0.068	--	<0.068	--
Metals (µg/l)																	
Arsenic	50	5.0	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	2000	400	81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	5.0	0.5	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	100	10	3.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	15	1.5	<0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	2.0	0.2	<0.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	50	10	0.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	50	10	0.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																			
			MW-9												PZ-9							
	ES	PAL	2/16/06	5/30/06	8/29/06	8/29/06 Dup	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13	2/19/08	5/21/08	3/20/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13
Elevation Data																							
Top of PVC	--	--	851.82	851.82	851.82	851.82	851.82	851.82	851.82	851.82	851.82	851.82	851.82	851.82	851.82	851.65	851.65	851.65	851.65	851.65	851.65	851.65	851.65
Top of Screen	--	--	848.82	848.82	848.82	848.82	848.82	848.82	848.82	848.82	848.82	848.82	848.82	848.82	848.82	829.85	829.85	829.85	829.85	829.85	829.85	829.85	829.85
Bottom of Screen	--	--	838.82	838.82	838.82	838.82	838.82	838.82	838.82	838.82	838.82	838.82	838.82	838.82	838.82	824.85	824.85	824.85	824.85	824.85	824.85	824.85	824.85
Groundwater	--	--	--	845.31	845.17	--	844.16	844.66	845.10	846.02	844.36	845.10	844.51	844.57	--	844.45	844.46	845.14	843.72	844.17	844.33	843.85	--
pH	NSE	NSE	7.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
DRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
PAHs[1] (µg/l)																							
Acenaphthene	NSE	NSE	0.081	<0.06	<0.06	<0.06	<0.067	<0.38	<0.38	--	--	--	--	--	--	<0.38	<1.1	--	--	--	--	--	--
Acenaphthylene	NSE	NSE	<0.06	<0.06	<0.06	<0.06	<0.067	<0.79	<0.79	--	--	--	--	--	--	<0.80	<2.3	--	--	--	--	--	--
Anthracene	3,000	600	<0.09	<0.09	<0.09	<0.09	<0.1	<0.044	<0.044	--	--	--	--	--	--	<0.044	0.39	--	--	--	--	--	--
Benzo(a)Anthracene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.111	<0.051	<0.051	--	--	--	--	--	--	<0.051	1	--	--	--	--	--	--
Benzo(a)Pyrene	0.2	0.02	0.167	<0.02	<0.02	<0.02	<0.022	<0.037	<0.037	--	--	--	--	--	--	<0.037	<0.11	--	--	--	--	--	--
Benzo(b)Fluoranthene	0.2	0.02	<0.02	<0.02	<0.02	<0.02	<0.022	<0.11	<0.11	--	--	--	--	--	--	<0.11	<0.33	--	--	--	--	--	--
Benzo(k)Fluoranthene	NSE	NSE	<0.07	<0.07	<0.07	<0.07	<0.078	<0.056	<0.056	--	--	--	--	--	--	<0.057	<0.16	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NSE	NSE	<0.06	<0.06	<0.06	<0.06	<0.067	<0.14	<0.14	--	--	--	--	--	--	<0.14	<0.40	--	--	--	--	--	--
Chrysene	0.2	0.02	<0.02	<0.02	<0.02	<0.02	<0.022	<0.047	<0.047	--	--	--	--	--	--	<0.048	**0.37**	<0.047	<0.041	--	--	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<0.11	<0.11	<0.11	<0.11	<0.122	<0.15	<0.15	--	--	--	--	--	--	<0.15	<0.43	--	--	--	--	--	--
Fluoranthene	400	80	<0.12	<0.12	<0.12	<0.12	<0.133	<0.093	<0.093	--	--	--	--	--	--	<0.094	3.2	--	--	--	--	--	--
Fluorene	400	80	<0.12	<0.12	<0.12	<0.12	<0.133	<0.071	<0.071	--	--	--	--	--	--	<0.072	<0.21	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<0.12	<0.12	<0.12	<0.12	<0.133	<0.071	<0.071	--	--	--	--	--	--	<0.072	<0.21	--	--	--	--	--	--
1-Methyl Naphthalene	NSE	NSE	1.31	<0.08	<0.08	<0.08	<0.089	<0.37	<0.37	--	--	--	--	--	--	<0.37	<1.1	--	--	--	--	--	--
2-Methyl Naphthalene	NSE	NSE	2.73	<0.11	<0.11	<0.11	<0.122	<0.36	<0.36	--	--	--	--	--	--	<0.36	<1.0	--	--	--	--	--	--
Naphthalene	40	8.0	1.05	<0.11	<0.11	<0.11	<0.122	<0.46	<0.46	--	--	--	--	--	--	<0.47	<1.3	--	--	--	--	--	--
Phenanthrene	NSE	NSE	<0.11	<0.11	<0.11	<0.11	<0.122	<0.034	<0.034	--	--	--	--	--	--	<0.035	1.2	--	--	--	--	--	--
Pyrene	250	50	<0.1	<0.1	<0.1	<0.1	<0.111	<0.051	<0.051	--	--	--	--	--	--	<0.051	2.2	--	--	--	--	--	--
VOCs[2] (µg/l)																							
Benzene	5.0	0.5	<0.15	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.20	--	<0.074	--	<0.20	<0.20	--	--	<0.20	--	<0.074	--
Bromobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.25	--	<0.20	<0.20	--	--	<0.20	--	<0.25	--
Bromochlororomethane	NSE	NSE	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.40	--	<0.50	<0.50	--	--	<0.50	--	<0.40	--
Bromodichloromethane	0.6	0.06	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.17	--	<0.20	<0.20	--	--	<0.20	--	<0.17	--
Bromomethane	10	1.0	--	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.50	--	<0.31	--	<0.20	<0.20	--	--	<0.50	--	<0.31	--
n-Butylbenzene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.20	--	<0.13	--	<0.20	<0.20	--	--	<0.20	--	<0.13	--
sec-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.25	--	<0.15	--	<0.25	<0.25	--	--	<0.25	--	<0.15	--
tert-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.20	--	<0.14	--	<0.20	<0.20	--	--	<0.20	--	<0.14	--
Carbon Tetrachloride	5.0	0.5	<0.2	<0.2	<0.2	<0.2	0.52	--	--	<0.05	<0.05	<0.80	--	<0.26	--	<0.50	<0.50	--	--	<0.80	--	<0.26	--
Chlorobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.14	--	<0.20	<0.20	--	--	<0.20	--	<0.14	--
Chlorodibromomethane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.32	--	<0.20	<0.20	--	--	<0.20	--	<0.32	--
Chloroethane	400	80	<0.6	<0.6	<0.6	<0.6	<0.6	--	--	--	--	<1.0	--	<0.34	--	<1.0	<1.0	--	--	<1.0	--	<0.34	--
Chloroform	6.0	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	--	<0.20	--	<0.20	--
Chloromethane	3.0	0.3	<0.2	0.28	<0.20	<0.20	<0.20	--	--	--	--	<.30	--	<0.18	--	<0.20	<0.20	--	--	<0.30	--	<0.18	--
o-Chlorotoluene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.21	--	<0.50	<0.50	--	--	<0.50	--	<0.21	--
p-Chlorotoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.20	--	<0.20	--	<0.20	<0.20	--	--	<0.20	--	<0.20	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.3	<0.35	<0.35	<0.35	<0.35	--	--	--	--	<0.50	--	<0.87	--	<0.50	<0.50	--	--	<0.50	--	<0.87	--
1,2-Dibromoethane	0.05	0.005	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.36	--	<0.20	<0.20	--	--	<0.20	--	<0.36	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																			
			MW-9												PZ-9							
	ES	PAL	2/16/06	5/30/06	8/29/06	8/29/06 Dup	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13	2/19/08	5/21/08	3/20/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13
VOCs[2] (µg/l)																							
1,2-Dichlorobenzene	600	60	<0.75	<0.75	<0.75	<0.75	<0.75	--	--	--	--	<0.20	--	<0.27	--	<0.20	<0.20	--	--	<0.20	--	<0.27	--
1,3-Dichlorobenzene	1,250	125	<0.15	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.50	--	<0.15	--	<0.20	<0.20	--	--	<0.20	--	<0.15	--
1,4-Dichlorobenzene	75	15	<0.75	<0.75	<0.75	<0.75	<0.75	--	--	--	--	<0.50	--	<0.15	--	<0.20	<0.20	--	--	<0.50	--	<0.15	--
Dichlorodifluoromethane	1,000	200	<0.25	<0.25	<0.25	<0.25	<0.25	--	--	--	--	<0.50	--	<0.20	--	<0.50	<0.50	--	--	<0.50	--	<0.20	--
1,1-Dichloroethane	850	85	<0.15	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.50	--	<0.19	--	<0.50	<0.50	--	--	<0.50	--	<0.19	--
1,2-Dichloroethane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.36	--	<0.50	<0.50	--	--	<0.50	--	<0.36	--
1,1-Dichloroethylene	7.0	0.7	<0.15	<0.15	<0.15	<0.15	<0.15	--	--	--	--	<0.50	--	<0.31	--	<0.50	<0.50	--	--	<0.50	--	1.7	--
cis-1,2-Dichloroethylene	70	7.0	<0.2	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.50	--	<1.2	--	5.3	10	69	**120**	**520**	--	**510**	--
trans-1,2-Dichloroethylene	100	20	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.25	--	<0.50	<0.50	--	--	1.7	--	3.9	--
1,2-Dichloropropane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.20	--	<0.50	<0.50	--	--	<0.50	--	<0.20	--
1,3-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.25	--	<0.13	--	<0.25	<0.25	--	--	<0.25	--	<0.13	--
2,2-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.32	--	<0.50	<0.50	--	--	<0.50	--	<0.32	--
1,1-Dichloropropene	NSE	NSE	<0.2	<0.3	<0.3	<0.3	<0.3	--	--	--	--	<0.50	--	<0.34	--	<0.50	<0.50	--	--	<0.50	--	<0.34	--
cis-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.18	--	<0.20	<0.20	--	--	<0.20	--	<0.18	--
trans-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.21	--	<0.20	<0.20	--	--	<0.20	--	<0.21	--
Ethylbenzene	700	140	0.411	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.13	--	<0.50	<0.50	--	--	<0.50	--	<0.13	--
Hexachlorobutadiene	NSE	NSE	<1.00	<1.00	<1.00	<1.00	<1.00	--	--	--	--	<0.50	--	<0.26	--	<0.50	<0.50	--	--	<0.50	--	<0.26	--
Isopropylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.14	--	<0.20	<0.20	--	--	<0.20	--	<0.14	--
Isopropyl Ether	NSE	NSE	--	--	--	--	--	--	--	--	--	<0.50	--	<0.15	--	<0.50	<0.50	--	--	<0.50	--	<0.15	--
p-Isopropyltoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.20	--	<0.17	--	<0.20	<0.20	--	--	<0.20	--	<0.17	--
Methyl tert Butyl Ether	60	12	<0.1	0.3	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.24	--	<0.50	<0.50	--	--	<0.50	--	<0.24	--
Methylene Chloride	5.0	0.5	<0.4	<0.4	<0.4	<0.4	<0.4	--	--	--	--	<1.0	--	<0.68	--	<1.0	<1.0	--	--	<1.0	--	<0.68	--
Naphthalene	40	8.0	1.87	<1.00	<1.00	<1.00	<1.00	--	--	--	--	<0.25	--	<0.16	--	<0.25	<0.25	--	--	<0.25	--	<0.16	--
n-Propylbenzene	NSE	NSE	0.117	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.13	--	<0.50	<0.50	--	--	<0.50	--	<0.13	--
Tetrachloroethylene	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.50	--	<0.17	--	1.1	0.93	0.34	0.72	**7.2**	--	**190**	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.25	--	<0.25	--	<0.25	<0.25	--	--	<0.25	--	<0.25	--
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.20	--	<0.23	--	<0.20	<0.20	--	--	<0.20	--	<0.23	--
Toluene	1,000	200	<0.4	<0.4	<0.4	<0.4	<0.4	--	--	--	--	<0.50	--	0.29 (J)	--	<0.20	<0.20	--	--	<0.50	--	<0.11	--
1,1,2-Trichloroethane	5.0	0.5	--	<0.1	<0.1	<0.1	<0.1	--	--	--	--	<0.25	--	<0.28	--	<0.25	<0.25	--	--	<0.25	--	<0.28	--
Total Trimethylbenzenes	480	96	2.049	<0.3	<0.3	<0.3	<0.3	--	--	--	--	--	--	--	--	<0.40	<0.40	--	--	--	--	--	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.25	--	<0.24	--	<0.25	<0.25	--	--	<0.25	--	<0.24	--
1,2,4-Trichlorobenzene	70	14	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.25	--	<0.31	--	<0.25	<0.25	--	--	<0.25	--	<0.31	--
1,1,1-Trichloroethane	200	40	0.206	1.22	1.88	1.74	<0.2	--	--	--	--	4.9	--	1.3	--	<0.50	<0.50	--	--	<0.50	--	<0.20	--
Trichloroethylene	5.0	0.5	<0.2	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.20	--	<0.19	--	**12**	**16**	**80**	**150**	**330**	--	**300**	--
Trichlorofluoromethane	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.2	--	--	--	--	<0.50	--	<0.19	--	<0.50	<0.50	--	--	<0.50	--	<0.19	--
Vinyl Chloride	0.2	0.02	<0.15	<0.15	<0.15	<0.15	<0.15	--	--	<0.016	--	<0.20	--	<0.10	--	<0.20	**0.28**	**0.75**	**1.2**	**0.36**	--	**0.6**	--
Total Xylenes	10,000	1,000	2.335	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.50	--	<0.068	--	<0.50	<0.50	--	--	<0.50	--	<0.068	--
Metals (µg/l)																							
Arsenic	50	5.0	1.20	--	--	--	--	--	--	--	--	--	--	--	--	0.90	1.0	--	--	--	--	--	--
Barium	2000	400	113	--	--	--	--	--	--	--	--	--	--	--	--	150	100	--	--	--	--	--	--
Cadmium	5.0	0.5	0.34	--	--	--	--	--	--	--	--	--	--	--	--	0.010	<0.12	--	--	--	--	--	--
Chromium	100	10	4.90	--	--	--	--	--	--	--	--	--	--	--	--	1.8	2.8	--	--	--	--	--	--
Lead	15	1.5	<0.3	--	--	--	--	--	--	--	--	--	--	--	--	0.14	<0.12	--	--	--	--	--	--
Mercury	2.0	0.2	<0.07	--	--	--	--	--	--	--	--	--	--	--	--	0.00017	<0.000065	--	--	--	--	--	--
Selenium	50	10	2.01	--	--	--	--	--	--	--	--	--	--	--	--	0.27	<0.12	--	--	--	--	--	--
Silver	50	10	<0.2	--	--	--	--	--	--	--	--	--	--	--	--	0.030	<0.12	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date															
			MW-10								PZ-10							
	ES	PAL	2/19/08	5/21/08	3/19/09	7/8/09	10/5/11	10/5/2011 Dup	11/4/11	2/28/13	3/1/13	2/19/08	5/21/08	3/19/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13
Elevation Data																			
Top of PVC	--	--	849.79	849.79	849.79	849.79	849.79	849.79	849.79	849.79	849.79	849.69	849.69	849.69	849.69	849.69	849.69	849.69	849.69
Top of Screen	--	--	844.39	844.39	844.39	844.39	844.39	844.39	844.39	844.39	844.39	825.09	825.09	825.09	825.09	825.09	825.09	825.09	825.09
Bottom of Screen	--	--	834.39	834.39	834.39	834.39	834.39	834.39	834.39	834.39	834.39	820.09	820.09	820.09	820.09	820.09	820.09	820.09	820.09
Groundwater	--	--	843.04	842.85	844.41	842.37	842.59	--	842.87	843.14	--	843.17	843.00	844.59	842.54	842.69	842.79	843.11	--
pH	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
DRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
PAHs[1] (µg/l)																			
Acenaphthene	NSE	NSE	<0.37	<0.35	--	--	--	--	--	--	--	<0.38	<0.35	--	--	--	--	--	--
Acenaphthylene	NSE	NSE	<0.77	<0.73	--	--	--	--	--	--	--	<0.80	<0.73	--	--	--	--	--	--
Anthracene	3,000	600	<0.042	<0.040	--	--	--	--	--	--	--	<0.044	<0.040	--	--	--	--	--	--
Benzo(a)Anthracene	NSE	NSE	<0.049	0.048	--	--	--	--	--	--	--	<0.051	<0.046	--	--	--	--	--	--
Benzo(a)Pyrene	0.2	0.02	<0.036	<0.034	--	--	--	--	--	--	--	<0.037	<0.034	--	--	--	--	--	--
Benzo(b)Fluoranthene	0.2	0.02	<0.11	<0.10	--	--	--	--	--	--	--	<0.11	<0.10	--	--	--	--	--	--
Benzo(k)Fluoranthene	NSE	NSE	<0.054	<0.052	--	--	--	--	--	--	--	<0.057	<0.052	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NSE	NSE	<0.13	<0.13	--	--	--	--	--	--	--	<0.14	<0.13	--	--	--	--	--	--
Chrysene	0.2	0.02	<0.046	<0.044	--	--	--	--	--	--	--	<0.048	<0.043	--	--	--	--	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<0.14	<0.14	--	--	--	--	--	--	--	<0.15	<0.14	--	--	--	--	--	--
Fluoranthene	400	80	<0.090	0.088	--	--	--	--	--	--	--	<0.094	<0.085	--	--	--	--	--	--
Fluorene	400	80	<0.069	<0.066	--	--	--	--	--	--	--	<0.072	<0.065	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<0.069	<0.066	--	--	--	--	--	--	--	<0.072	<0.065	--	--	--	--	--	--
1-Methyl Naphthalene	NSE	NSE	<0.36	<0.34	--	--	--	--	--	--	--	<0.37	<0.34	--	--	--	--	--	--
2-Methyl Naphthalene	NSE	NSE	<0.34	<0.33	--	--	--	--	--	--	--	<0.36	<0.33	--	--	--	--	--	--
Naphthalene	40	8.0	<0.44	<0.43	--	--	--	--	--	--	--	<0.47	<0.42	--	--	--	--	--	--
Phenanthrene	NSE	NSE	<0.033	0.091	--	--	--	--	--	--	--	<0.035	<0.032	--	--	--	--	--	--
Pyrene	250	50	<0.049	<0.047	--	--	--	--	--	--	--	<0.051	<0.046	--	--	--	--	--	--
VOCs[2] (µg/l)																			
Benzene	5.0	0.5	<0.20	<0.20	--	--	<0.20	<0.20	--	<0.074	--	<0.20	<0.20	--	--	<0.20	--	<0.074	--
Bromobenzene	NSE	NSE	<0.20	<0.20	--	--	<0.20	<0.20	--	<0.25	--	<0.20	<0.20	--	--	<0.20	--	<0.25	--
Bromochlororomethane	NSE	NSE	<0.50	<0.50	--	--	<0.50	<0.50	--	<0.40	--	<0.50	<0.50	--	--	<0.50	--	<0.40	--
Bromodichloromethane	0.6	0.06	<0.20	<0.20	--	--	<0.20	<0.20	--	<0.17	--	<0.20	<0.20	--	--	<0.20	--	<0.17	--
Bromomethane	10	1.0	<0.20	<0.20	--	--	<0.50	<0.50	--	<0.31	--	<0.20	<0.20	--	--	<0.50	--	<0.31	--
n-Butylbenzene	NSE	NSE	<0.20	<0.20	--	--	<0.20	<0.20	--	<0.13	--	<0.20	<0.20	--	--	<0.20	--	<0.13	--
sec-Butylbenzene	NSE	NSE	<0.25	<0.25	--	--	<0.25	<0.25	--	<0.15	--	<0.25	<0.25	--	--	<0.25	--	<0.15	--
tert-Butylbenzene	NSE	NSE	<0.20	<0.20	--	--	<0.20	<0.20	--	<0.14	--	<0.20	<0.20	--	--	<0.20	--	<0.14	--
Carbon Tetrachloride	5.0	0.5	<0.50	<0.50	--	--	<0.80	<0.80	--	<0.26	--	<0.50	<0.50	--	--	<0.80	--	<0.26	--
Chlorobenzene	NSE	NSE	<0.20	<0.20	--	--	<0.20	<0.20	--	<0.14	--	<0.20	<0.20	--	--	<0.20	--	<0.14	--
Chlorodibromomethane	NSE	NSE	<0.20	<0.20	--	--	<0.20	<0.20	--	<0.32	--	<0.20	<0.20	--	--	<0.20	--	<0.32	--
Chloroethane	400	80	<1.0	<1.0	--	--	<1.0	<1.0	--	<0.34	--	<1.0	<1.0	--	--	<1.0	--	<0.34	--
Chloroform	6.0	0.6	<0.20	<0.20	--	--	<0.20	<0.20	--	<0.20	--	<0.20	<0.20	--	--	<0.20	--	<0.20	--
Chloromethane	3.0	0.3	<0.20	<0.20	--	--	<0.30	<0.30	--	<0.18	--	<0.20	<0.20	--	--	<0.30	--	<0.18	--
o-Chlorotoluene	NSE	NSE	<0.50	<0.50	--	--	<0.50	<0.50	--	<0.21	--	<0.50	<0.50	--	--	<0.50	--	<0.21	--
p-Chlorotoluene	NSE	NSE	<0.20	<0.20	--	--	<0.20	<0.20	--	<0.20	--	<0.20	<0.20	--	--	<0.20	--	<0.20	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.50	<0.50	--	--	<0.50	<0.50	--	<0.87	--	<0.50	<0.50	--	--	<0.50	--	<0.87	--
1,2-Dibromoethane	0.05	0.005	<0.20	<0.20	--	--	<0.20	<0.20	--	<0.36	--	<0.20	<0.20	--	--	<0.20	--	<0.36	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date															
			MW-10								PZ-10							
	ES	PAL	2/19/08	5/21/08	3/19/09	7/8/09	10/5/11	10/5/2011 Dup	11/4/11	2/28/13	3/1/13	2/19/08	5/21/08	3/19/09	7/8/09	10/5/11	11/4/11	2/28/13	3/1/13
VOCs[2] (µg/l)																			
1,2-Dichlorobenzene	600	60	<0.20	<0.20	--	--	<0.20	--	--	<0.27	--	<0.20	<0.20	--	--	<0.20	--	<0.27	--
1,3-Dichlorobenzene	1,250	125	<0.20	<0.20	--	--	<0.20	--	--	<0.15	--	<0.20	<0.20	--	--	<0.20	--	<0.15	--
1,4-Dichlorobenzene	75	15	<0.20	<0.20	--	--	<0.50	--	--	<0.15	--	<0.20	<0.20	--	--	<0.50	--	<0.15	--
Dichlorodifluoromethane	1,000	200	<0.50	<0.50	--	--	<0.50	--	--	<0.20	--	<0.50	<0.50	--	--	<0.50	--	<0.20	--
1,1-Dichloroethane	850	85	<0.50	<0.50	--	--	<0.50	--	--	<0.19	--	<0.50	<0.50	--	--	<0.50	--	<0.19	--
1,2-Dichloroethane	5.0	0.5	<0.50	<0.50	--	--	<0.50	--	--	<0.28	--	1.8	1.3	**7.0**	**13**	**48**	--	**50**	--
1,1-Dichloroethylene	7.0	0.7	<0.50	<0.50	--	--	<0.50	--	--	<0.31	--	<0.50	<0.50	--	--	<0.50	--	<0.31	--
cis-1,2-Dichloroethylene	70	7.0	<0.50	<0.50	--	--	<0.50	--	--	<0.12	--	<0.50	0.56	--	--	3.4	--	4.8	--
trans-1,2-Dichloroethylene	100	20	<0.50	<0.50	--	--	<0.50	--	--	<0.25	--	<0.50	<0.50	--	--	<0.50	--	<0.25	--
1,2-Dichloropropane	5.0	0.5	<0.50	<0.50	--	--	<0.50	--	--	<0.20	--	<0.50	<0.50	--	--	<0.50	--	<0.20	--
1,3-Dichloropropane	NSE	NSE	<0.25	<0.25	--	--	<0.25	--	--	<0.13	--	<0.25	<0.25	--	--	<0.25	--	<0.13	--
2,2-Dichloropropane	NSE	NSE	<0.50	<0.50	--	--	<0.50	--	--	<0.32	--	<0.50	<0.50	--	--	<0.50	--	<0.32	--
1,1-Dichloropropene	NSE	NSE	<0.50	<0.50	--	--	<0.50	--	--	<0.34	--	<0.50	<0.50	--	--	<0.50	--	<0.34	--
cis-1,3-Dichloropropene	0.2	0.02	<0.20	<0.20	--	--	<0.20	--	--	<0.18	--	<0.20	<0.20	--	--	<0.20	--	<0.18	--
trans-1,3-Dichloropropene	0.2	0.02	<0.20	<0.20	--	--	<0.20	--	--	<0.21	--	<0.20	<0.20	--	--	<0.20	--	<0.21	--
Ethylbenzene	700	140	<0.50	<0.50	--	--	<0.50	--	--	<0.13	--	<0.50	<0.50	--	--	<0.50	--	<0.13	--
Hexachlorobutadiene	NSE	NSE	<0.50	<0.50	--	--	<0.50	--	--	<0.26	--	<0.50	<0.50	--	--	<0.50	--	<0.26	--
Isopropylbenzene	NSE	NSE	<0.20	<0.20	--	--	<0.20	--	--	<0.14	--	<0.20	<0.20	--	--	<0.20	--	<0.14	--
Isopropyl Ether	NSE	NSE	<0.50	<0.50	--	--	<0.50	--	--	<0.15	--	<0.50	<0.50	--	--	<0.50	--	<0.15	--
p-Isopropyltoluene	NSE	NSE	<0.20	<0.20	--	--	<0.20	--	--	<0.17	--	<0.20	<0.20	--	--	<0.20	--	<0.17	--
Methyl tert Butyl Ether	60	12	<0.50	<0.50	--	--	<0.50	--	--	<0.24	--	<0.50	<0.50	--	--	<0.50	--	<0.24	--
Methylene Chloride	5.0	0.5	<1.0	<1.0	--	--	<1.0	--	--	<0.68	--	<1.0	<1.0	--	--	<1.0	--	<0.68	--
Naphthalene	40	8.0	<0.25	<0.25	--	--	<0.25	--	--	<0.16	--	<0.25	<0.25	--	--	<0.25	--	<0.16	--
n-Propylbenzene	NSE	NSE	<0.50	<0.50	--	--	<0.50	--	--	<0.13	--	<0.50	<0.50	--	--	<0.50	--	<0.13	--
Tetrachloroethylene	5.0	0.5	<0.50	<0.50	--	--	<0.50	--	--	<0.17	--	<0.50	<0.50	--	--	<0.50	--	<0.17	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.25	<0.25	--	--	<0.25	--	--	<0.25	--	<0.25	<0.25	--	--	<0.25	--	<0.25	--
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.20	<0.20	--	--	<0.20	--	--	<0.23	--	<0.20	<0.20	--	--	<0.20	--	<0.23	--
Toluene	1,000	200	<0.20	<0.20	--	--	<0.50	--	--	<0.11	--	0.26	0.26	--	--	<0.50	--	<0.11	--
1,1,2-Trichloroethane	5.0	0.5	<0.25	<0.25	--	--	<0.25	--	--	<0.28	--	<0.25	<0.25	--	--	<0.25	--	<0.28	--
Total Trimethylbenzenes	480	96	<0.40	<0.40	--	--	--	--	--	<0.18	--	<0.40	<0.40	--	--	--	--	--	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.25	<0.25	--	--	<0.25	--	--	<0.24	--	<0.25	<0.25	--	--	<0.25	--	<0.24	--
1,2,4-Trichlorobenzene	70	14	<0.25	<0.25	--	--	<0.25	--	--	<0.31	--	<0.25	<0.25	--	--	<0.25	--	<0.31	--
1,1,1-Trichloroethane	200	40	<0.50	<0.50	--	--	<0.50	--	--	<0.20	--	<0.50	<0.50	--	--	<0.50	--	<0.20	--
Trichloroethylene	5.0	0.5	<0.20	<0.20	--	--	<0.20	--	--	<0.19	--	<0.20	<0.20	--	--	<0.20	--	<0.19	--
Trichlorofluoromethane	NSE	NSE	<0.50	<0.50	--	--	<0.50	--	--	<0.19	--	<0.50	<0.50	--	--	<0.50	--	<0.19	--
Vinyl Chloride	0.2	0.02	<0.20	<0.20	<0.016	--	<0.20	--	--	<0.10	--	<0.20	<0.20	0.17	**0.26**	**0.33**	--	<0.10	--
Total Xylenes	10,000	1,000	<0.50	<0.50	--	--	<0.50	--	--	<0.068	--	<0.50	<0.50	--	--	<0.50	--	<0.068	--
Metals (µg/l)																			
Arsenic	50	5.0	1.6	2.4	--	--	--	--	--	--	--	0.47	0.48	--	--	--	--	--	--
Barium	2000	400	73	68	--	--	--	--	--	--	--	48	42	--	--	--	--	--	--
Cadmium	5.0	0.5	0.020	<0.12	--	--	--	--	--	--	--	0.040	<0.12	--	--	--	--	--	--
Chromium	100	10	2.0	3.3	--	--	--	--	--	--	--	1.9	3.0	--	--	--	--	--	--
Lead	15	1.5	0.090	<0.12	--	--	--	--	--	--	--	<0.040	<0.12	--	--	--	--	--	--
Mercury	2.0	0.2	0.000092	0.000071	--	--	--	--	--	--	--	0.000091	<0.000065	--	--	--	--	--	--
Selenium	50	10	<0.17	0.37	--	--	--	--	--	--	--	<0.17	0.13	--	--	--	--	--	--
Silver	50	10	0.020	<0.12	--	--	--	--	--	--	--	0.020	<0.12	--	--	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date													
			East Sump						West Sump							
	ES	PAL	2/16/06	3/20/09	7/8/09	10/5/11	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	2/28/13	3/1/13
pH	NSE	NSE	7.31	--	--	--	--	--	8.00	--	--	--	--	--	--	--
DRO (µg/l)	NSE	NSE	3,864,059	130,000	<0.10	--	--	--	--	--	--	--	--	--	--	--
PAHs[1] (µg/l)																
Acenaphthene	NSE	NSE	<6.90	<0.99	<0.33	--	--	--	<0.06	<0.06	<0.06	<0.067	<0.40	<0.34	--	--
Acenaphthylene	NSE	NSE	<6.90	<2.1	<0.69	--	--	--	<0.06	<0.06	<0.06	<0.067	<0.84	<0.72	--	--
Anthracene	3,000	600	<10.4	0.12	<0.038	--	--	--	<0.09	<0.09	<0.09	<0.1	<0.046	<0.040	--	--
Benzo(a)Anthracene	NSE	NSE	<11.5	<0.13	<0.044	--	--	--	<0.1	<0.1	<0.1	<0.111	<0.054	<0.046	--	--
Benzo(a)Pyrene	0.2	0.02	<2.3	<0.096	<0.032	--	--	--	<0.02	<0.02	<0.02	<0.022	<0.039	<0.033	--	--
Benzo(b)Fluoranthene	0.2	0.02	<2.3	**0.30**	<0.098	--	--	--	0.035	0.095	0.114	<0.022	<0.12	<0.10	--	--
Benzo(k)Fluoranthene	NSE	NSE	<8.05	<0.15	<0.049	--	--	--	<0.07	<0.07	<0.07	<0.078	<0.060	<0.051	--	--
Benzo(g,h,i)Perylene	NSE	NSE	<6.90	<0.36	<0.12	--	--	--	0.094	0.065	<0.06	<0.067	<0.15	<0.12	--	--
Chrysene	0.2	0.02	<2.30	<0.12	<0.041	--	--	--	0.045	0.143	0.188	<0.022	<0.05	<0.043	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<12.7	<0.39	<0.13	--	--	--	<0.11	<0.11	<0.11	<0.122	<0.16	<0.14	--	--
Fluoranthene	400	80	<13.8	0.65	<0.081	--	--	--	<0.12	0.162	<0.12	<0.133	<0.099	<0.084	--	--
Fluorene	400	80	<13.8	<0.19	<0.062	--	--	--	<0.12	<0.12	<0.12	<0.133	<0.076	<0.065	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<13.8	<0.19	<0.062	--	--	--	<0.12	0.120	<0.12	<0.133	<0.076	<0.065	--	--
1-Methyl Naphthalene	NSE	NSE	<9.2	<0.96	<0.32	--	--	--	<0.08	<0.08	<0.08	<0.089	<0.39	<0.33	--	--
2-Methyl Naphthalene	NSE	NSE	<12.7	<0.93	<0.31	--	--	--	<0.11	<0.11	<0.11	<0.122	<0.38	<0.32	--	--
Naphthalene	40	8.0	<12.7	<1.2	<0.40	--	--	--	<0.11	<0.11	<0.11	<0.122	<0.49	<0.42	--	--
Phenanthrene	NSE	NSE	<12.7	0.15	<0.03	--	--	--	<0.11	0.116	0.303	<0.122	<0.037	<0.031	--	--
Pyrene	250	50	<11.5	<0.13	<0.044	--	--	--	<0.1	<0.1	<0.1	<0.111	<0.054	<0.046	--	--
VOCs[2] (µg/l)																
Benzene	5.0	0.5	<0.15	<0.20	<0.20	<0.20	--	<0.074	<0.15	<0.15	<0.15	<0.15	--	--	--	--
Bromobenzene	NSE	NSE	<0.1	<0.20	<0.20	<0.20	--	<0.25	<0.1	<0.1	<0.1	<0.1	--	--	--	--
Bromochlororomethane	NSE	NSE	--	<0.50	<0.50	<0.50	--	<0.40	--	<0.1	<0.1	<0.1	--	--	--	--
Bromodichloromethane	0.6	0.06	<0.1	<0.20	<0.20	<0.20	--	<0.17	<0.1	<0.1	<0.1	<0.1	--	--	--	--
Bromomethane	10	1.0	--	<0.50	<0.50	<0.50	--	<0.31	--	<0.15	<0.15	<0.15	--	--	--	--
n-Butylbenzene	NSE	NSE	<0.2	<0.20	<0.20	<0.20	--	<0.13	<0.2	<0.2	<0.2	<0.2	--	--	--	--
sec-Butylbenzene	NSE	NSE	<0.15	<0.25	<0.25	<0.25	--	<0.15	<0.15	<0.15	<0.15	<0.15	--	--	--	--
tert-Butylbenzene	NSE	NSE	<0.15	<0.20	<0.20	<0.20	--	<0.14	<0.15	<0.15	<0.15	<0.15	--	--	--	--
Carbon Tetrachloride	5.0	0.5	<0.2	<0.50	<0.50	<0.80	--	<0.26	<0.2	<0.2	<0.2	<0.2	--	--	--	--
Chlorobenzene	NSE	NSE	<0.1	<0.20	<0.20	<0.20	--	<0.14	<0.1	<0.1	<0.1	<0.1	--	--	--	--
Chlorodibromomethane	NSE	NSE	<0.1	<0.20	<0.20	<0.20	--	<0.32	<0.1	<0.1	<0.1	<0.1	--	--	--	--
Chloroethane	400	80	<0.6	<1.0	<1.0	<1.0	--	<0.34	<0.6	<0.6	<0.6	<0.6	--	--	--	--
Chloroform	6.0	0.6	<0.1	<0.20	<0.20	<0.20	--	<0.20	<0.1	<0.1	<0.1	<0.1	--	--	--	--
Chloromethane	3.0	0.3	<0.2	<0.30	<0.30	<0.30	--	<0.18	<0.2	0.22	<0.2	<0.2	--	--	--	--
o-Chlorotoluene	NSE	NSE	<0.1	<0.50	<0.50	<0.50	--	<0.21	<0.1	<0.1	<0.1	<0.1	--	--	--	--
p-Chlorotoluene	NSE	NSE	<0.2	<0.20	<0.20	<0.20	--	<0.20	<0.2	<0.2	<0.2	<0.2	--	--	--	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.3	<0.50	<0.50	<0.50	--	<0.87	<0.3	<0.35	<0.35	<0.35	--	--	--	--
1,2-Dibromoethane	0.05	0.005	<0.1	<0.20	<0.20	<0.20	--	<0.36	<0.1	<0.1	<0.1	<0.1	--	--	--	--
1,2-Dichlorobenzene	600	60	<0.75	<0.20	<0.20	<0.20	--	<0.27	<0.75	<0.75	<0.75	<0.75	--	--	--	--
1,3-Dichlorobenzene	1,250	125	<0.15	<0.20	<0.20	<0.20	--	<0.13	<0.15	<0.15	<0.15	<0.15	--	--	--	--
1,4-Dichlorobenzene	75.0	15	<0.75	<0.50	<0.50	<0.50	--	<0.15	<0.75	<0.75	<0.75	<0.75	--	--	--	--
Dichlorodifluoromethane	1000.0	200	<0.25	<0.50	<0.50	<0.50	--	<0.20	<0.25	<0.25	<0.25	<0.25	--	--	--	--
1,1-Dichloroethane	850	85	<0.15	<0.50	<0.50	<0.50	--	<0.19	<0.15	<0.15	<0.15	<0.15	--	--	--	--
1,2-Dichloroethane	5.0	0.5	<0.1	<0.50	<0.50	<0.50	--	<0.28	<0.1	<0.1	<0.1	<0.1	--	--	--	--
1,1-Dichloroethylene	7.0	0.7	<0.15	<0.50	<0.50	<0.50	--	<0.31	<0.15	<0.15	<0.15	<0.15	--	--	--	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date													
			East Sump						West Sump							
	ES	PAL	2/16/06	3/20/09	7/8/09	10/5/11	2/28/13	3/1/13	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	2/28/13	3/1/13
VOCs[2] (µg/l)																
cis-1,2-Dichloroethylene	70	7.0	2.06	9.8	5.0	20.0	--	43.0	<0.2	<0.2	<0.2	<0.2	--	--	--	--
trans-1,2-Dichloroethylene	100	20	<0.1	<0.50	<0.50	<0.50	--	0.78 (J)	<0.1	<0.1	<0.1	<0.1	--	--	--	--
1,2-Dichloropropane	5.0	0.5	<0.1	<0.50	<0.50	<0.50	--	<0.20	<0.1	<0.1	<0.1	<0.1	--	--	--	--
1,3-Dichloropropane	NSE	NSE	<0.1	<0.25	<0.25	<0.25	--	<0.13	<0.1	<0.1	<0.1	<0.1	--	--	--	--
2,2-Dichloropropane	NSE	NSE	<0.1	<0.50	<0.50	<0.50	--	<0.32	<0.1	<0.1	<0.1	<0.1	--	--	--	--
1,1-Dichloropropene	NSE	NSE	<0.2	<0.50	<0.50	<0.50	--	<0.34	<0.2	<0.3	<0.3	<0.3	--	--	--	--
cis-1,3-Dichloropropene	0.2	0.02	<0.1	<0.20	<0.20	<0.20	--	<0.18	<0.1	<0.1	<0.1	<0.1	--	--	--	--
trans-1,3-Dichloropropene	0.2	0.0	<0.1	<0.20	<0.20	<0.20	--	<0.21	<0.1	<0.1	<0.1	<0.1	--	--	--	--
Ethylbenzene	700	140	<0.1	<0.50	<0.50	<0.50	--	<0.13	<0.1	<0.1	<0.1	<0.1	--	--	--	--
Hexachlorobutadiene	NSE	NSE	<1.00	<0.50	<0.50	<0.50	--	<0.26	<1.00	<1.00	<1.00	<1.00	--	--	--	--
Isopropylbenzene	NSE	NSE	<0.1	<0.20	<0.20	<0.20	--	<0.14	<0.1	<0.1	<0.1	<0.1	--	--	--	--
Isopropyl Ether	NSE	NSE	--	--	--	<0.50	--	<0.15	--	--	--	--	--	--	--	--
p-Isopropyltoluene	NSE	NSE	<0.2	<0.20	<0.20	<0.20	--	<0.17	<0.2	<0.2	<0.2	<0.2	--	--	--	--
Methyl tert Butyl Ether	60	12	<0.1	<0.50	<0.50	<0.50	--	<0.24	<0.1	0.32	<0.1	<0.1	--	--	--	--
Methylene Chloride	5.0	0.5	<0.4	<1.0	<1.0	<1.0	--	<0.68	<0.4	<0.4	<0.4	<0.4	--	--	--	--
Naphthalene	40	8.0	<1.00	<0.25	<0.25	<0.25	--	<0.16	<1.00	<1.00	<1.00	<1.00	--	--	--	--
n-Propylbenzene	NSE	NSE	<0.1	<0.50	<0.50	<0.50	--	<0.13	<0.1	<0.1	<0.1	<0.1	--	--	--	--
Tetrachloroethylene	5.0	0.5	<0.1	0.63	2.1	1.2	--	**15**	<0.1	<0.1	<0.1	<0.1	--	--	--	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.25	<0.25	<0.25	--	<0.25	<0.1	<0.1	<0.1	<0.1	--	--	--	--
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.1	<0.20	<0.20	<0.20	--	<0.23	<0.1	<0.1	<0.1	<0.1	--	--	--	--
Toluene	1,000	200	<0.4	<0.50	<0.50	<0.50	--	<0.11	<0.4	<0.4	<0.4	<0.4	--	--	--	--
1,1,2-Trichloroethane	5.0	0.5	--	<0.25	<0.25	<0.25	--	<0.28	--	<0.1	<0.1	<0.1	--	--	--	--
Total Trimethylbenzenes	480	96.0	<0.3	<0.40	<0.40	--	--	--	<0.3	<0.3	<0.3	<0.3	--	--	--	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.5	<0.25	<0.25	<0.25	--	<0.24	<0.5	<0.5	<0.5	<0.5	--	--	--	--
1,2,4-Trichlorobenzene	70.0	14	<0.5	<0.25	<0.25	<0.25	--	<0.31	<0.5	<0.5	<0.5	<0.5	--	--	--	--
1,1,1-Trichloroethane	200	40.0	<0.2	<0.50	<0.50	<0.50	--	<0.20	<0.2	<0.2	<0.2	<0.2	--	--	--	--
Trichloroethylene	5.0	0.5	0.293	4.7	**6.4**	3.5	--	**19**	<0.2	<0.2	<0.2	<0.2	--	--	--	--
Trichlorofluoromethane	NSE	NSE	<0.2	<0.50	<0.50	<0.50	--	<0.19	<0.2	<0.2	<0.2	<0.2	--	--	--	--
Vinyl Chloride	0.2	0.02	<0.15	<0.20	<0.20	<0.20	--	<0.10	<0.15	<0.15	<0.15	<0.15	--	--	--	--
Total Xylenes	10,000	1,000	<0.5	<0.50	<0.50	<0.50	--	<0.068	<0.5	<0.5	<0.5	<0.5	--	--	--	--
Metals (µg/l)																
Arsenic	50	5.0	<0.125	--	--	--	--	--	1.0	--	--	--	--	--	--	--
Barium	2000	400	<0.0375	--	--	--	--	--	33.4	--	--	--	--	--	--	--
Cadmium	5.0	0.5	<0.0212	--	--	--	--	--	<0.2	--	--	--	--	--	--	--
Chromium	100	10	<0.0351	--	--	--	--	--	2.10	--	--	--	--	--	--	--
Lead	15	1.5	<0.2	--	--	--	--	--	<0.3	--	--	--	--	--	--	--
Mercury	2.0	0.2	<0.07	--	--	--	--	--	<0.07	--	--	--	--	--	--	--
Selenium	50	10	0.225	--	--	--	--	--	1.50	--	--	--	--	--	--	--
Silver	50	10	<0.075	--	--	--	--	--	<0.2	--	--	--	--	--	--	--

NSE = No standard established
-- = No data or not analyzed for
Bold = Exceeds ch. NR 140 Enforcement Standard (ES)
Underline = Exceeds ch. NR 140 Preventive Action Limit (PAL)
[1] = PAHs is the acronym for polynuclear aromatic hydrocarbons
[2] = VOCs is the acronym for volatile organic compounds
Compiled by: JEG Checked by: FJM

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date										
			Large Sump										
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/5/11	2/28/13	3/1/13
pH	NSE	NSE	7.51	--	--	--	--	--	--	--	--	--	--
DRO (µg/l)	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--
PAHs[1] (µg/l)													
Acenaphthene	NSE	NSE	<0.06	<0.06	<0.06	<0.071	--	--	--	--	--	--	--
Acenaphthylene	NSE	NSE	<0.06	<0.06	<0.06	<0.071	--	--	--	--	--	--	--
Anthracene	3,000	600	<0.09	<0.09	<0.09	<0.106	--	--	--	--	--	--	--
Benzo(a)Anthracene	NSE	NSE	<0.1	<0.1	<0.1	<0.118	--	--	--	--	--	--	--
Benzo(a)Pyrene	0.2	0.02	<0.02	<0.02	<0.02	<0.024	--	--	--	--	--	--	--
Benzo(b)Fluoranthene	0.2	0.02	<0.02	<0.02	<0.02	<0.024	--	--	--	--	--	--	--
Benzo(k)Fluoranthene	NSE	NSE	<0.07	<0.07	<0.07	<0.082	--	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NSE	NSE	<0.06	<0.06	<0.06	<0.071	--	--	--	--	--	--	--
Chrysene	0.2	0.02	<0.02	<0.02	<0.02	<0.024	--	--	--	--	--	--	--
Dibenzo(a,h)Anthracene	NSE	NSE	<0.11	<0.11	<0.11	<0.129	--	--	--	--	--	--	--
Fluoranthene	400	80	<0.12	<0.12	<0.12	<0.141	--	--	--	--	--	--	--
Fluorene	400	80	<0.12	<0.12	<0.12	<0.141	--	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	NSE	NSE	<0.12	<0.12	<0.12	<0.141	--	--	--	--	--	--	--
1-Methyl Naphthalene	NSE	NSE	<0.08	<0.08	<0.08	<0.094	--	--	--	--	--	--	--
2-Methyl Naphthalene	NSE	NSE	<0.11	<0.11	<0.11	<0.129	--	--	--	--	--	--	--
Naphthalene	40	8.0	<0.11	<0.11	<0.11	<0.129	--	--	--	--	--	--	--
Phenanthrene	NSE	NSE	<0.11	<0.11	<0.11	<0.129	--	--	--	--	--	--	--
Pyrene	250	50	<0.1	<0.1	<0.1	<0.118	--	--	--	--	--	--	--
VOCs[2] (µg/l)													
Benzene	5.0	0.5	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	<0.074	--
Bromobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	<0.25	--
Bromochlororomethane	NSE	NSE	--	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	<0.40	--
Bromodichloromethane	0.6	0.06	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	<0.17	--
Bromomethane	10	1.0	--	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.50	<0.31	--
n-Butylbenzene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	<0.13	--
sec-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.25	<0.25	--	--	<0.25	<0.15	--
tert-Butylbenzene	NSE	NSE	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	<0.14	--
Carbon Tetrachloride	5.0	0.5	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.80	<0.26	--
Chlorobenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	<0.14	--
Chlorodibromomethane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	<0.32	--
Chloroethane	400	80	<0.6	<0.6	<0.6	<0.6	<1.0	<1.0	--	--	<1.0	<0.34	--
Chloroform	6.0	0.6	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	<0.20	--
Chloromethane	3.0	0.3	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.30	<0.18	--
o-Chlorotoluene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	<0.21	--
p-Chlorotoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	<0.20	--
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.3	<0.35	<0.35	<0.35	<0.50	<0.50	--	--	<0.50	<0.87	--
1,2-Dibromoethane	0.05	0.005	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	<0.36	--
1,2-Dichlorobenzene	600	60	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	<0.20	<0.27	--
1,3-Dichlorobenzene	1,250	125	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	--	--	<0.20	<0.13	--
1,4-Dichlorobenzene	75.0	15	<0.75	<0.75	<0.75	<0.75	<0.20	<0.20	--	--	<0.50	<0.15	--
Dichlorodifluoromethane	1000.0	200	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	--	--	<0.50	<0.20	--
1,1-Dichloroethane	850	85	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	<0.50	<0.19	--
1,2-Dichloroethane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	<0.28	--
1,1-Dichloroethylene	7.0	0.7	<0.15	<0.15	<0.15	<0.15	<0.50	<0.50	--	--	<0.50	<0.31	--

Table 1 (Continued)
Groundwater Analytical Results

Analytical Parameters	NR 140 Standards		Well No./Sampling Date										
			Large Sump										
	ES	PAL	2/16/06	5/30/06	8/29/06	11/15/06	2/19/08	5/21/08	3/20/09	7/8/09	10/5/11	2/28/13	3/1/13
VOCs[2] (µg/l)													
cis-1,2-Dichloroethylene	70	7.0	1.46	1.67	2.35	2.37	2.5	3.3	--	--	17	17	--
trans-1,2-Dichloroethylene	100	20	<0.1	0.14	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	<0.25	--
1,2-Dichloropropane	5.0	0.5	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	<0.20	--
1,3-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	<0.13	--
2,2-Dichloropropane	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	<0.32	--
1,1-Dichloropropene	NSE	NSE	<0.2	<0.3	<0.3	<0.3	<0.50	<0.50	--	--	<0.50	<0.34	--
cis-1,3-Dichloropropene	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	<0.18	--
trans-1,3-Dichloropropene	0.2	0.0	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	<0.21	--
Ethylbenzene	700	140	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	<0.13	--
Hexachlorobutadiene	NSE	NSE	<1.00	<1.00	<1.00	<1.00	<0.50	<0.50	--	--	<0.50	<0.26	--
Isopropylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	<0.14	--
Isopropyl Ether	NSE	NSE	--	--	--	--	<0.50	<0.50	--	--	<0.50	<0.15	--
p-Isopropyltoluene	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	<0.17	--
Methyl tert Butyl Ether	60	12	<0.1	1.01	<0.1	0.14	<0.50	<0.50	--	--	<0.50	<0.24	--
Methylene Chloride	5.0	0.5	<0.4	<0.4	<0.4	<0.4	<1.0	<1.0	--	--	<1.0	<0.68	--
Naphthalene	40	8.0	<1.00	<1.00	<1.00	<1.00	<0.25	<0.25	--	--	0.26	<0.16	--
n-Propylbenzene	NSE	NSE	<0.1	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	<0.50	<0.13	--
Tetrachloroethylene	5.0	0.5	<0.1	<0.1	0.17	0.27	<0.50	0.87	<0.50	<0.050	**7.4**	3.6	--
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	<0.25	--
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.1	<0.1	<0.1	<0.1	<0.20	<0.20	--	--	<0.20	<0.23	--
Toluene	1,000	200	<0.4	<0.4	0.5	<0.4	<0.20	<0.20	--	--	<0.50	<0.11	--
1,1,2-Trichloroethane	5.0	0.5	--	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	<0.28	--
Total Trimethylbenzenes	480	96.0	<0.3	<0.3	<0.3	<0.3	<0.40	<0.40	--	--	--	<0.18	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	<0.25	<0.24	--
1,2,4-Trichlorobenzene	70.0	14	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	--	--	<0.25	<0.31	--
1,1,1-Trichloroethane	200	40.0	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.50	<0.20	--
Trichloroethylene	5.0	0.5	0.645	0.95	1.97	2.11	1.9	4.6	2.3	<0.050	**11**	4.5	--
Trichlorofluoromethane	NSE	NSE	<0.2	<0.2	<0.2	<0.2	<0.50	<0.50	--	--	<0.50	<0.19	--
Vinyl Chloride	0.2	0.02	<0.15	<0.15	<0.15	<0.15	<0.20	<0.20	<0.20	<0.032	<0.20	<0.10	--
Total Xylenes	10,000	1,000	<0.5	<0.5	0.11	<0.5	<0.50	<0.50	--	--	<0.50	<0.068	--
Metals (µg/l)													
Arsenic	50	5.0	2.0	--	--	--	--	--	--	--	--	--	--
Barium	2000	400	56	--	--	--	--	--	--	--	--	--	--
Cadmium	5.0	0.5	<0.2	--	--	--	--	--	--	--	--	--	--
Chromium	100	10	<1.60	--	--	--	--	--	--	--	--	--	--
Lead	15	1.5	<0.5	--	--	--	--	--	--	--	--	--	--
Mercury	2.0	0.2	<0.07	--	--	--	--	--	--	--	--	--	--
Selenium	50	10	0.9	--	--	--	--	--	--	--	--	--	--
Silver	50	10	<0.2	--	--	--	--	--	--	--	--	--	--

NSE = No standard established

-- = No data or not analyzed for

Bold = Exceeds ch. NR 140 Enforcement Standard (ES)

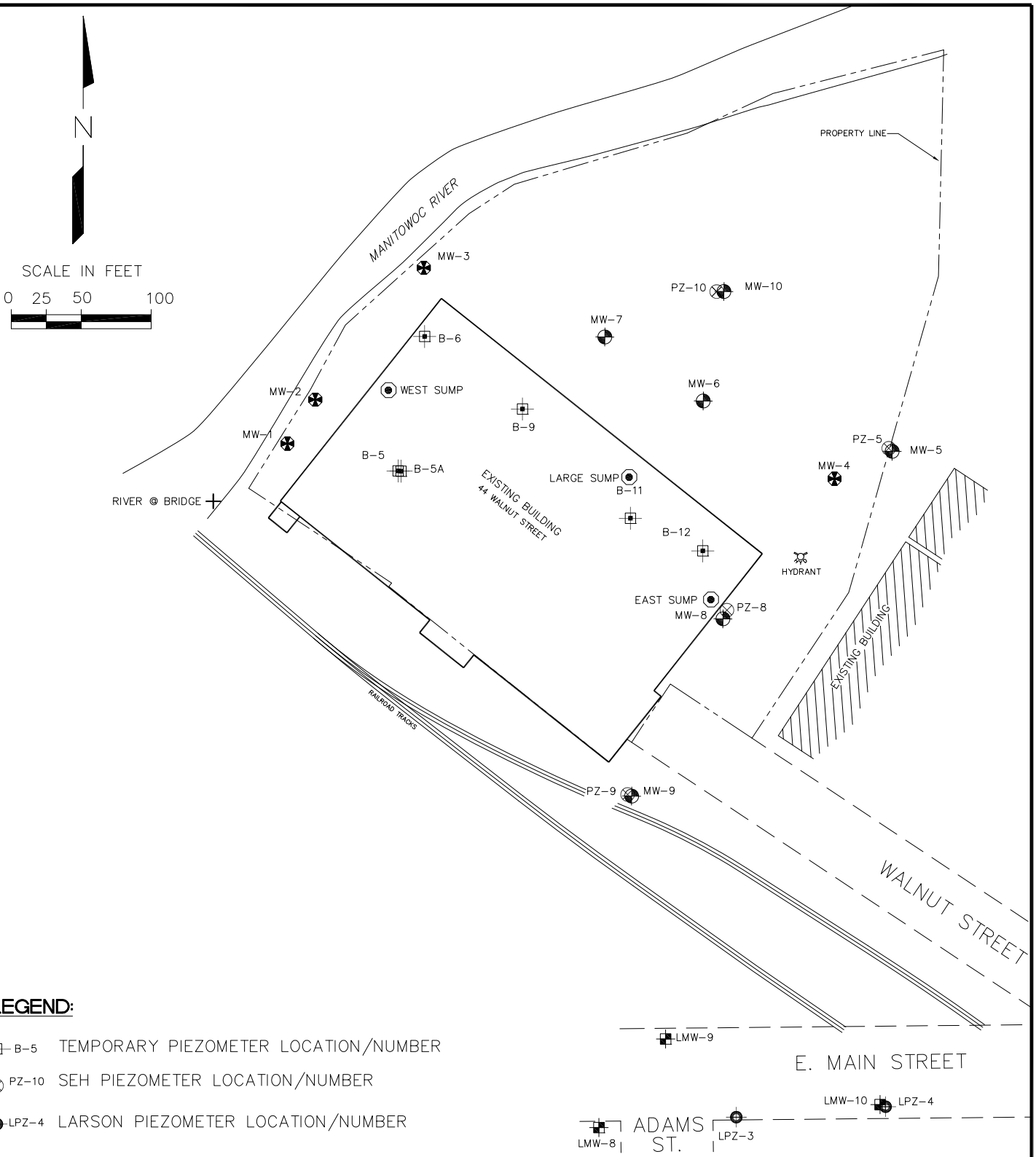
Underline = Exceeds ch. NR 140 Preventive Action Limit (PAL)

[1] = PAHs is the acronym for polynuclear aromatic hydrocarbons

[2] = VOCs is the acronym for volatile organic compounds

Compiled by: JEG Checked by: FJM 2013 data Compiled by: JJB Checked by: BTT

List of Figures



LEGEND:

B-5 TEMPORARY PIEZOMETER LOCATION/NUMBER

PZ-10 SEH PIEZOMETER LOCATION/NUMBER

LPZ-4 LARSON PIEZOMETER LOCATION/NUMBER

NOTES:

1) MW-1 THRU MW-4 WERE INSTALLED BY TEMCO INC.
2) LMW WELLS WERE INSTALLED DURING THE LARSON INVESTIGATION
3) PROPERTY LINES ON THIS MAP ARE BASED ON THE CURRENT LEGAL DESCRIPTION OF RECORD AND PROPERTY MARKERS FOUND AS SHOWN ON TITLE SURVEY BY KENNETH SCHMALZ, RLS, DATED JANUARY 22, 1980.

NO.	DATE	ISSUE/REVISIONS	DRAWN BY		DESIGN		FIELD REVIEW		QC CHECK	
1	04/24/13	SUPPLEMENTAL SITE INVESTIGATION	RJH	04/13	JEG	04/13			JEG	04/13

SEH

SUPPLEMENTAL SITE INVESTIGATION
FORMER MIRRO PLANT #20
CHILTON, WISCONSIN

FIGURE 1

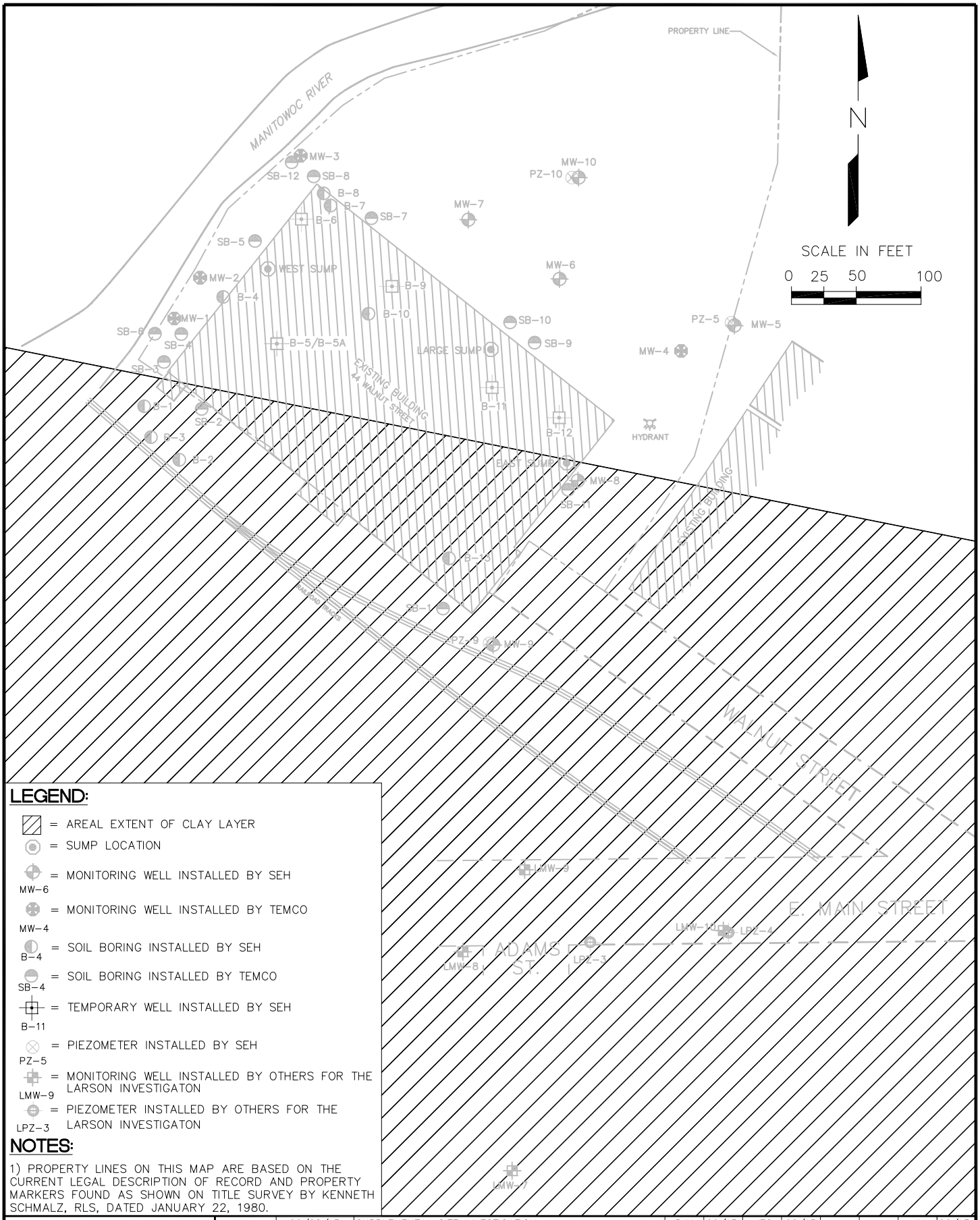
SITE FEATURES

PROJ. NO. NERUB050201

DATE 06/07/13

1 / 6

DRAWING DIRECTORY: S:\KO\N\NERUB\050201\FEB 13 SAMPLING\FIGURES\FIGURE 1 - SITE FEATURES



LEGEND:

- = AREAL EXTENT OF CLAY LAYER
- = SUMP LOCATION
- MW-6 = MONITORING WELL INSTALLED BY SEH
- MW-4 = MONITORING WELL INSTALLED BY TEMCO
- B-4 = SOIL BORING INSTALLED BY SEH
- SB-4 = SOIL BORING INSTALLED BY TEMCO
- B-11 = TEMPORARY WELL INSTALLED BY SEH
- PZ-5 = PIEZOMETER INSTALLED BY SEH
- LMW-9 = MONITORING WELL INSTALLED BY OTHERS FOR THE LARSON INVESTIGATON
- LPZ-3 = PIEZOMETER INSTALLED BY OTHERS FOR THE LARSON INVESTIGATON

NOTES:

1) PROPERTY LINES ON THIS MAP ARE BASED ON THE CURRENT LEGAL DESCRIPTION OF RECORD AND PROPERTY MARKERS FOUND AS SHOWN ON TITLE SURVEY BY KENNETH SCHMALZ, RLS, DATED JANUARY 22, 1980.

NO.	DATE	ISSUE/REVISIONS	DRAWN BY		DESIGN		FIELD REVIEW		QC CHECK	
1	06/08/13	SUPPLEMENTAL SITE INVESTIGATION	RJH	06/13	JEG	06/13			JM	06/13

SEH

SUPPLEMENTAL SITE INVESTIGATION
FORMER MIRRO PLANT #20
CHILTON, WISCONSIN

FIGURE 2

AREAL EXTENT OF CLAY LAYER

PROJ. NO. NERUB0502

DATE 06/08/13

2 / 6

LARSON'S CLEANERS
LMW-7
(ELEVATION ESTIMATED)

A

PZ-9

MW-8

PZ-8

MW-6

PZ-10

A'

GROUND SURFACE

WATER TABLE

FILL SOILS

LEAN CLAY

SILTY SAND AND GRAVEL

FILL SOILS

LEAN CLAY

SILTY SAND AND GRAVEL

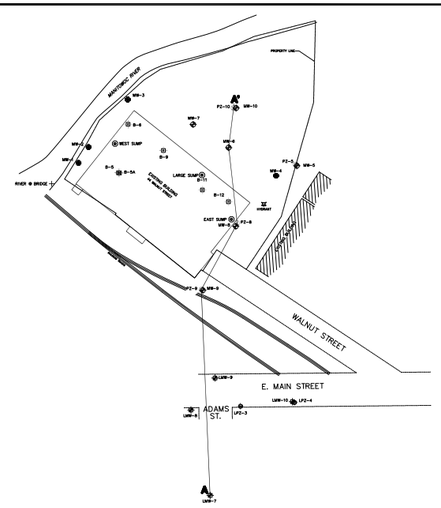
110
100
90
80
70
60

VERTICAL SCALE IN FEET
0 2.5 5 10

0 60 120 180 240 300 360 420 480 540 600 660 720 780 840

HORIZONTAL SCALE IN FEET
0 15 30 60

SITE PLAN



0 75 150 300

NO.	DATE	ISSUE/REVISIONS	DRAWN BY		DESIGN		QC CHECK	
1	05/10/13		RJH	05/13	JEG	05/13	JM	06/13

SEH

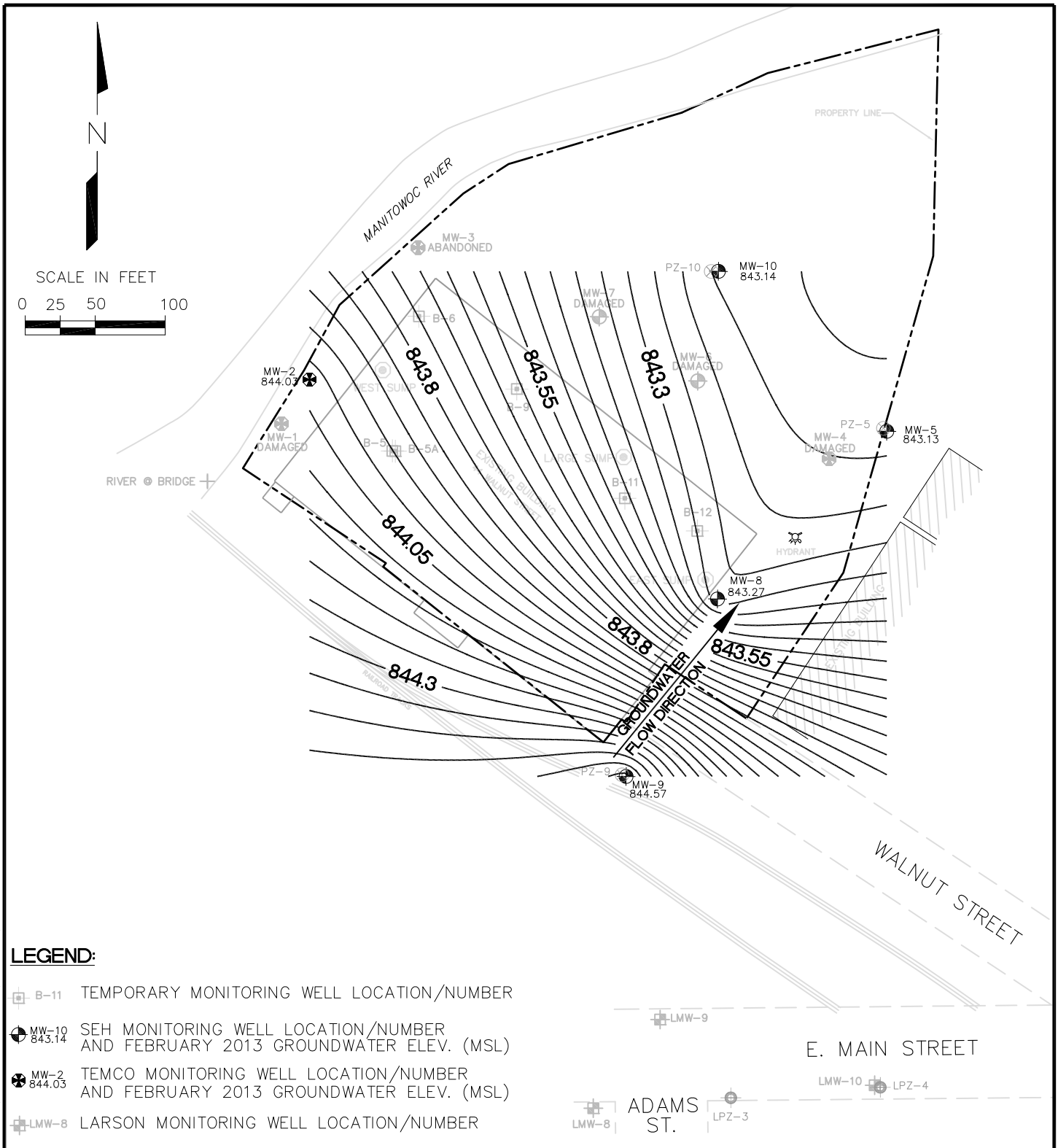
SUPPLEMENTAL SITE INVESTIGATION
FORMER MIRRO PLANT #20
CHILTON, WISCONSIN

FIGURE 3
GEOLOGIC CROSS SECTION

PROJ. NO. NERUB050102
DATE 06/07/13

3
6

DRAWING DIRECTORY: S:\RJ\KO\NA\NERUB\050201\FEB 13 SAMPLING\FIGURES\FIGURE 3 - GEOLOGIC CROSS SECTION



LEGEND:

- B-11 — TEMPORARY MONITORING WELL LOCATION/NUMBER
- MW-10 843.14 — SEH MONITORING WELL LOCATION/NUMBER AND FEBRUARY 2013 GROUNDWATER ELEV. (MSL)
- MW-2 844.03 — TEMCO MONITORING WELL LOCATION/NUMBER AND FEBRUARY 2013 GROUNDWATER ELEV. (MSL)
- LMW-8 — LARSON MONITORING WELL LOCATION/NUMBER
- —844.30— GROUNDWATER ELEVATION CONTOUR (FEBRUARY 2013) CONTOUR INTERVAL = 0.05 FT/FT

NOTES:

1) MW-1 THRU MW-4 WERE INSTALLED BY TEMCO INC.
2) LMW WELLS WERE INSTALLED DURING THE LARSON INVESTIGATION
3) PROPERTY LINES ON THIS MAP ARE BASED ON THE CURRENT LEGAL DESCRIPTION OF RECORD AND PROPERTY MARKERS FOUND AS SHOWN ON TITLE SURVEY BY KENNETH SCHMALZ, RLS, DATED JANUARY 22, 1980.

NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK
1	04/23/13	SITE INVESTIGATION	RJH 04/13	JEG 04/13		JEG 04/13

SEH

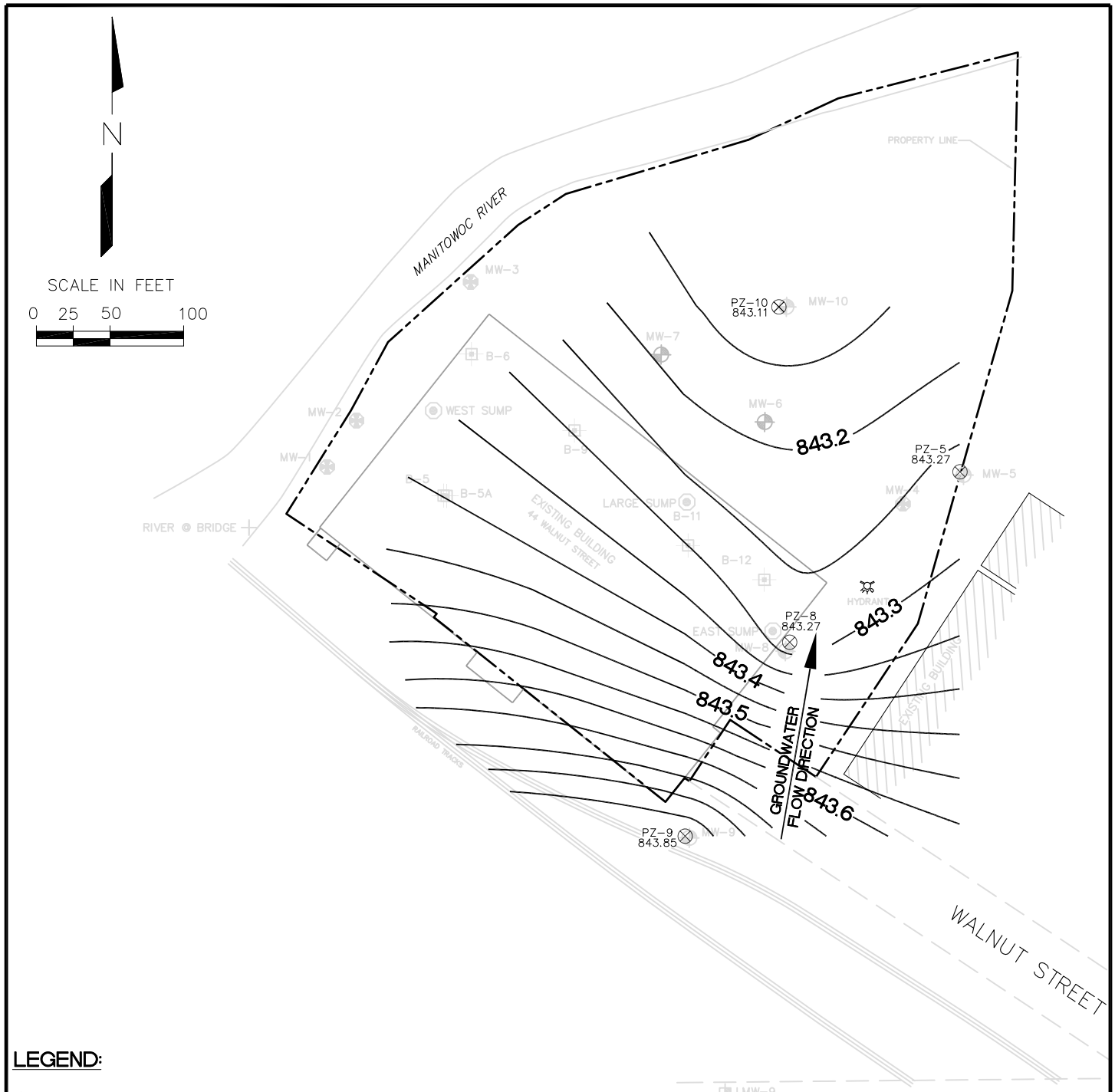
SUPPLEMENTAL SITE INVESTIGATION
FORMER MIRRO PLANT #20
CHILTON, WISCONSIN

FIGURE 4
FEBRUARY 2013
GROUNDWATER CONTOURS
SHALLOW WELLS

PROJ. NO. NERUB050201
DATE 04/23/13

4 / 6

DRAWING DIRECTORY: SB\PROJECTS\KO\N_NERUB\050201\FEB 13 SAMPLING\FIGURES\FIGURE 4 - FEBRUARY 2013 GROUNDWATER CONTOURS_SHALLOW WELLS



LEGEND:

B-5 TEMPORARY PIEZOMETER LOCATION/NUMBER

PZ-10 843.11 SEH PIEZOMETER LOCATION/NUMBER AND FEBRUARY 2013 GROUNDWATER ELEV. (MSL)

LPZ-4 LARSON PIEZOMETER LOCATION/NUMBER

845.05 GROUNDWATER ELEVATION CONTOUR (FEBRUARY 2013) CONTOUR INTERVAL = 0.05 FT/FT

NOTES:

1) MW-1 THRU MW-4 WERE INSTALLED BY TEMCO INC.
2) LMW WELLS WERE INSTALLED DURING THE LARSON INVESTIGATION
3) PROPERTY LINES ON THIS MAP ARE BASED ON THE CURRENT LEGAL DESCRIPTION OF RECORD AND PROPERTY MARKERS FOUND AS SHOWN ON TITLE SURVEY BY KENNETH SCHMALZ, RLS, DATED JANUARY 22, 1980.

NO.	DATE	ISSUE/REVISIONS	DRAWN BY		DESIGN		FIELD REVIEW		QC CHECK	
1	04/24/13	SITE INVESTIGATION	RJH	04/13	JEG	04/13			JEG	04/13

SEH

SUPPLEMENTAL SITE INVESTIGATION
FORMER MIRRO PLANT #20
CHILTON, WISCONSIN

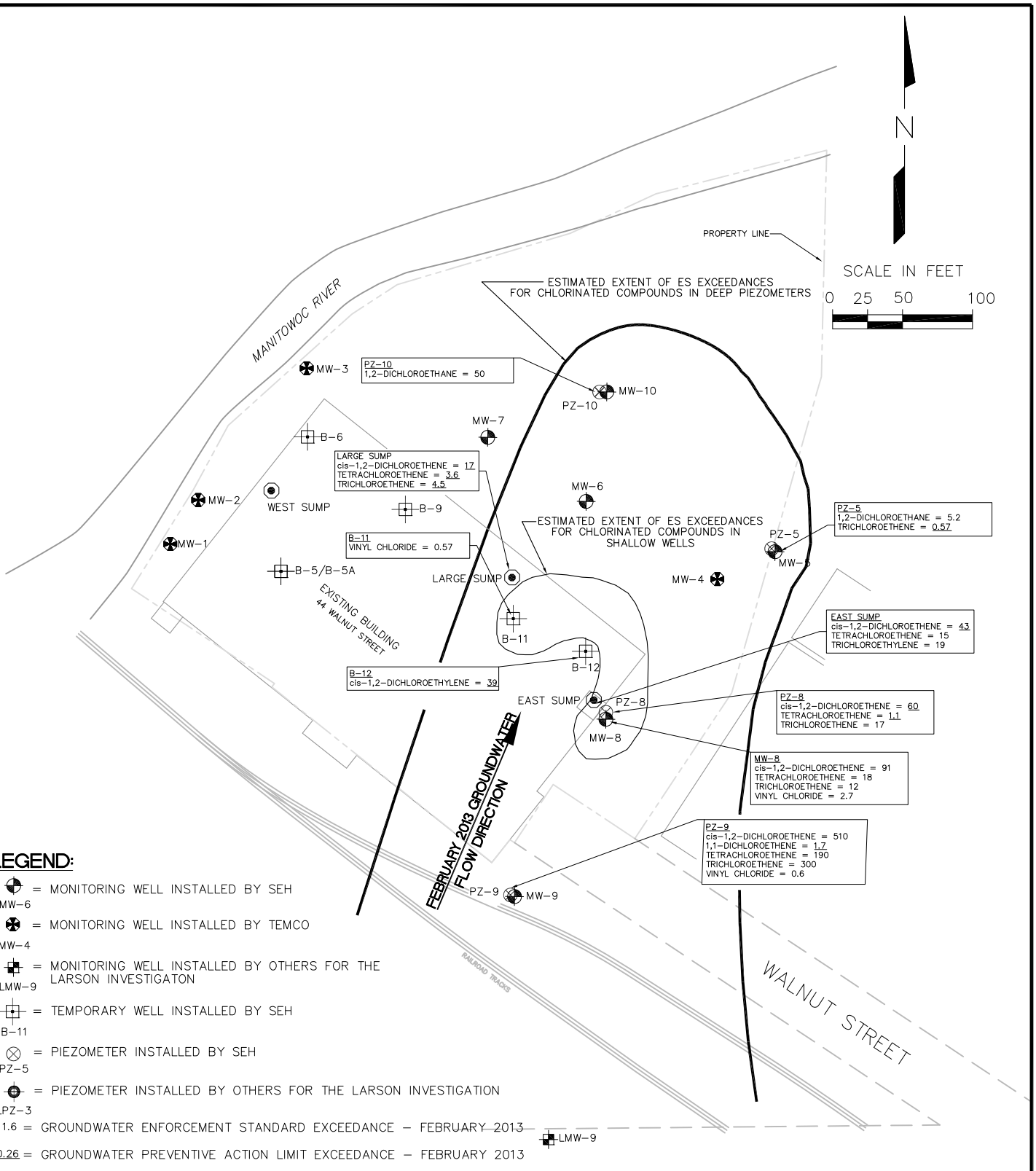
FIGURE 5
FEBRUARY 2013
GROUNDWATER CONTOURS
PIEZOMETERS

PROJ. NO. NERUB050201

DATE 04/24/13

5 / 6

DRAWING DIRECTORY: S:\PROJECTS\KO\N\NERUB\050201\FEB 13 SAMPLING\FIGURES\SITE INVESTIGATION\FIGURE 5 - FEBRUARY 2013 GROUNDWATER CONTOURS_PIEZOMETERS



LEGEND:

- MW-6 = MONITORING WELL INSTALLED BY SEH
- MW-4 = MONITORING WELL INSTALLED BY TEMCO
- LMW-9 = MONITORING WELL INSTALLED BY OTHERS FOR THE LARSON INVESTIGATON
- B-11 = TEMPORARY WELL INSTALLED BY SEH
- PZ-5 = PIEZOMETER INSTALLED BY SEH
- LPZ-3 = PIEZOMETER INSTALLED BY OTHERS FOR THE LARSON INVESTIGATION
- 1.6 = GROUNDWATER ENFORCEMENT STANDARD EXCEEDANCE – FEBRUARY 2013
- 0.26 = GROUNDWATER PREVENTIVE ACTION LIMIT EXCEEDANCE – FEBRUARY 2013

NOTES:

1) PROPERTY LINES ON THIS MAP ARE BASED ON THE CURRENT LEGAL DESCRIPTION OF RECORD AND PROPERTY MARKERS FOUND AS SHOWN ON TITLE SURVEY BY KENNETH SCHMALZ, RLS, DATED JANUARY 22, 1980.

NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK
1	4/23/13	PROJECT UPDATE	JJB 4/13			JM 4/13

SUPPLEMENTAL SITE INVESTIGATION
FORMER MIRRO PLANT #20
CHILTON, WISCONSIN

FIGURE 6
ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION

PROJ. NO. NERUB0502
DATE 4/23/13

6 / 6

DRAWING DIRECTORY: P:\KO\N\NERUB\050200\FIGURES\CASE CLOSURE REQUEST\FIGURE 6 – ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION

Appendix A

Well Construction Documentation

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Mirro Plant #20	000	PZ-8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Gary Wellner MES	2/27/2013	2/27/2013	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		PZ-8	Feet MSL	Feet MSL	8.2 inches

Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐
State Plane N, E S/C/N
1/4 of NW 1/4 of Section 18, T 1 N, R 20 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Calumet	8	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	Asphalt Pavement										
			1	FILL: Brown Silty Sand and Gravel, Occasional Cinders and Pieces of Concrete										
1 SPT	24 9	5 3 2 1	2 3					0.0						
2 SPT	24 7	2 1 2 3	4 5					0.0						
			5	FILL: Dark Brown Organic Clay										
			6	FILL: Light Brown Silty Sand and Gravel (appears to be crushed dolomite)										
3 SPT	24 6	8 31 14 12	7					0.0						
4 SPT	24 0	3 6 10 15	8 9											
5 SPT	24 9	15 16 14 12	10 11					0.0						
6 SPT	24 8	5 16 14 12	12 13					0.0						
7 SPT	24 0	7 6 6 6	14 15											
			16	Dark Gray Lean CLAY, Little Sand and Gravel	CL									
8 SPT	24 9	4 5 6 6	17					0.0						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature John E. Kerl Firm **SEH Inc** 421 Frenette Drive Chippewa Falls, WI 54729 www.sehinc.com Tel: 715.720.6200 Fax: 715.720.6300

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number PZ-8 Use only as an attachment to Form 4400-122. Page 2 of 2

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
9 SPT	24 18	4 5 6 6	18 19	Dark Gray Lean CLAY, Little Sand and Gravel	CL			0.0						
10 SPT	24 16	2 4 5 5	20 21											
11 SPT	24 8	3 0 0 0	22 23 24 25 26 27	Very Loose, Brown Silty SAND	SM			0.0						
			28	End of Boring @ 28.0 ft.										

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: MIRRO PLANT #20	Local Grid Location of Well ☐N. ☐S. ____ ft. ☐E. ☐W. ____ ft.	Well Name: PZ-8
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.	DNR Well ID No.
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 02/27/2013 (m m d d y y y y)
Type of Well: Well Code ____/____	Section Location of Waste/Source ____ 1/4 of ____ 1/4 of Sec. ____ T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm
Distance from Waste/Source ____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☒ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

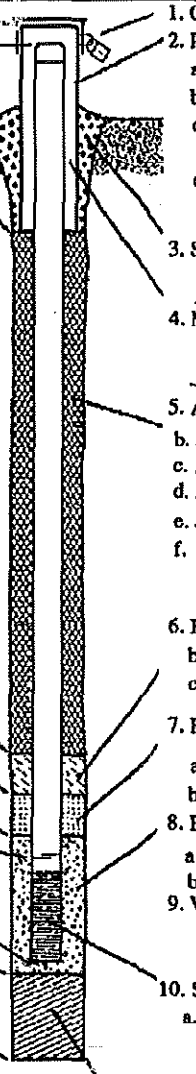
14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe —

17. Source of water (attach analysis, if required):
—

E. Bentonite seal, top _____ ft. MSL or 16.0 ft.
F. Fine sand, top _____ ft. MSL or 20.0 ft.
G. Filter pack, top _____ ft. MSL or 20.0 ft.
H. Screen joint, top _____ ft. MSL or 22.0 ft.
I. Well bottom _____ ft. MSL or 27.9 ft.
J. Filter pack, bottom _____ ft. MSL or 28.9 ft.
K. Borehole, bottom _____ ft. MSL or 29.0 ft.
L. Borehole, diameter 8.2 in.
M. O.D. well casing 2.4 in.
N. I.D. well casing 2.0 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 10 in.
b. Length: Flush Mount 1 ft.
c. Material: Steel ☒ 04 Other ☐
d. Additional protection? ☐ Yes ☐ No
If yes, describe: —
3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐
4. Material between well casing and protective pipe: Bentonite ☐ 30
Sand Other ☒
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 3 Bags Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☐ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. None
b. Volume added _____ ft³
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #30
b. Volume added 4 Bags ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐
10. Screen material: Flush-Thread PVC Sch 40
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐
b. Manufacturer Johnson
c. Slot size: 0.010 in.
d. Slotted length: 5 ft.
11. Backfill material (below filter pack): None ☒ 14 Other ☐
—

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: John E. Huff | Firm: SCS Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Mirro Plant #20		PZ-8

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 90 min.

4. Depth of well (from top of well casisng) 27.3 ft.

5. Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 85.0 gal.

7. Volume of water removed from well (approx) 20.0 gal.

8. Volume of water added (if any) 00 gal.

9. Source of water added —

10. Analysis performed on water added? ☐ Yes ☒ No (If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	3.90 ft.	24.25 ft.
Date b.	02/28/2013 (m m d d y y y y)	02/28/2013 (m m d d y y y y)
Time c.	06:15 ☒ a.m. ☐ p.m.	10:00 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	2.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) Turbid	Clear ☐ 20 Turbid ☒ 25 (Describe) Slightly Turbid
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: John Last Name: Guhl
Firm: SEH Inc.

17. Additional comments on development:
Baled at intervals throughout the morning to maximize silt removal, Well appeared to be somewhat more productive at end of development

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: Newell Rubbermaid
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: John E. Guhl
Print Name: John E. Guhl
Firm: SEH Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

Appendix B

Analytical Results

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-54931-1
Client Project/Site: Mirro Plant #20, Chilton

For:
Short Elliott Hendrickson, Inc. dba SEH
421 Frenette Drive
Chippewa Falls, Wisconsin 54729-3374

Attn: Mr. Jason Martin

Sandie Fredrick

Authorized for release by:
3/12/2013 2:17:58 PM

Sandie Fredrick
Project Manager I
sandie.fredrick@testamericainc.com

Table of Contents

Job ID: 500-54931-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-54931-1

Comments
No additional comments.

Receipt
The samples were received on 3/5/2013 10:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 3.9º C.

GC/MS VOA
No analytical or quality issues were noted.

Detection Summary

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: PZ-9 — Lab Sample ID: 500-54931-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.7		1.0	0.31	ug/L	1		8260B	Total/NA
Tetrachloroethene	190		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.9		1.0	0.25	ug/L	1		8260B	Total/NA
Vinyl chloride	0.60		0.50	0.10	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	510		10	1.2	ug/L	10		8260B	Total/NA
Trichloroethene - DL	300		5.0	1.9	ug/L	10		8260B	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 500-54931-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.3		1.0	0.20	ug/L	1		8260B	Total/NA
Toluene	0.29	J	0.50	0.11	ug/L	1		8260B	Total/NA

Client Sample ID: PZ-8 — Lab Sample ID: 500-54931-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	60		1.0	0.12	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.1		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.25	ug/L	1		8260B	Total/NA
Trichloroethene	17		0.50	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: MW-8 — Lab Sample ID: 500-54931-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	91		1.0	0.12	ug/L	1		8260B	Total/NA
Tetrachloroethene	18		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.25	ug/L	1		8260B	Total/NA
Trichloroethene	12		0.50	0.19	ug/L	1		8260B	Total/NA
Vinyl chloride	2.7		0.50	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: PZ-5 — Lab Sample ID: 500-54931-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	5.2		1.0	0.28	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.3		1.0	0.12	ug/L	1		8260B	Total/NA
Trichloroethene	0.57		0.50	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 500-54931-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.7		1.0	0.12	ug/L	1		8260B	Total/NA

Client Sample ID: B-12 — Lab Sample ID: 500-54931-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	39		1.0	0.12	ug/L	1		8260B	Total/NA

Client Sample ID: B-11 — Lab Sample ID: 500-54931-8

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: B-11 (Continued) — Lab Sample ID: 500-54931-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.9		1.0	0.12	ug/L	1		8260B	Total/NA
Vinyl chloride	0.57		0.50	0.10	ug/L	1		8260B	Total/NA

Client Sample ID: Large Sump — Lab Sample ID: 500-54931-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		1.0	0.12	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.6		1.0	0.17	ug/L	1		8260B	Total/NA
Trichloroethene	4.5		0.50	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: PZ-10 — Lab Sample ID: 500-54931-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	50		1.0	0.28	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	4.8		1.0	0.12	ug/L	1		8260B	Total/NA

Client Sample ID: MW-10 — Lab Sample ID: 500-54931-11

No Detections

Client Sample ID: East Sump Discharge — Lab Sample ID: 500-54931-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	43		1.0	0.12	ug/L	1		8260B	Total/NA
Tetrachloroethene	15		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.78	J	1.0	0.25	ug/L	1		8260B	Total/NA
Trichloroethene	19		0.50	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-54931-13

No Detections

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-54931-1	PZ-9	Water	02/28/13 09:15	03/05/13 10:20
500-54931-2	MW-9	Water	02/28/13 09:30	03/05/13 10:20
500-54931-3	PZ-8	Water	02/28/13 09:45	03/05/13 10:20
500-54931-4	MW-8	Water	02/28/13 10:00	03/05/13 10:20
500-54931-5	PZ-5	Water	02/28/13 10:15	03/05/13 10:20
500-54931-6	MW-5	Water	02/28/13 10:30	03/05/13 10:20
500-54931-7	B-12	Water	02/28/13 10:45	03/05/13 10:20
500-54931-8	B-11	Water	02/28/13 11:00	03/05/13 10:20
500-54931-9	Large Sump	Water	02/28/13 11:15	03/05/13 10:20
500-54931-10	PZ-10	Water	02/28/13 12:15	03/05/13 10:20
500-54931-11	MW-10	Water	02/28/13 12:30	03/05/13 10:20
500-54931-12	East Sump Discharge	Water	03/01/13 06:00	03/05/13 10:20
500-54931-13	Trip Blank	Water	02/28/13 00:00	03/05/13 10:20

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: PZ-9
Date Collected: 02/28/13 09:15
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/11/13 15:41	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/11/13 15:41	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/11/13 15:41	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 15:41	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/11/13 15:41	1
1,1-Dichloroethene	**1.7**		1.0	0.31	ug/L			03/11/13 15:41	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/11/13 15:41	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/11/13 15:41	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/11/13 15:41	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/11/13 15:41	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 15:41	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/11/13 15:41	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/11/13 15:41	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/11/13 15:41	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 15:41	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/11/13 15:41	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/11/13 15:41	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 15:41	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/11/13 15:41	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 15:41	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/11/13 15:41	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/11/13 15:41	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/11/13 15:41	1
Benzene	<0.074		0.50	0.074	ug/L			03/11/13 15:41	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/11/13 15:41	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/11/13 15:41	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/11/13 15:41	1
Bromoform	<0.28		1.0	0.28	ug/L			03/11/13 15:41	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/11/13 15:41	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/11/13 15:41	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/11/13 15:41	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/11/13 15:41	1
Chloroform	<0.20		1.0	0.20	ug/L			03/11/13 15:41	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/11/13 15:41	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/11/13 15:41	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/11/13 15:41	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/11/13 15:41	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/11/13 15:41	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/11/13 15:41	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/11/13 15:41	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/11/13 15:41	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 15:41	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/11/13 15:41	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/11/13 15:41	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/11/13 15:41	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 15:41	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 15:41	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/11/13 15:41	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/11/13 15:41	1

Client Sample ID: PZ-9

Lab Sample ID: 500-54931-1

Date Collected: 02/28/13 09:15

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.10		1.0	0.10	ug/L			03/11/13 15:41	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 15:41	1
Tetrachloroethene	**190**		1.0	0.17	ug/L			03/11/13 15:41	1
Toluene	<0.11		0.50	0.11	ug/L			03/11/13 15:41	1
trans-1,2-Dichloroethene	**3.9**		1.0	0.25	ug/L			03/11/13 15:41	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/11/13 15:41	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/11/13 15:41	1
Vinyl chloride	**0.60**		0.50	0.10	ug/L			03/11/13 15:41	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/11/13 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 125*		*03/11/13 15:41*	*1*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*		*03/11/13 15:41*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*03/11/13 15:41*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*03/11/13 15:41*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**510**		10	1.2	ug/L			03/11/13 16:08	10
Trichloroethene	**300**		5.0	1.9	ug/L			03/11/13 16:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*03/11/13 16:08*	*10*
4-Bromofluorobenzene (Surr)	*107*		*75 - 120*		*03/11/13 16:08*	*10*
Dibromofluoromethane	*112*		*75 - 120*		*03/11/13 16:08*	*10*
Toluene-d8 (Surr)	*110*		*75 - 120*		*03/11/13 16:08*	*10*

Client Sample ID: MW-9

Lab Sample ID: 500-54931-2

Date Collected: 02/28/13 09:30

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/11/13 16:36	1
1,1,1-Trichloroethane	**1.3**		1.0	0.20	ug/L			03/11/13 16:36	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/11/13 16:36	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 16:36	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/11/13 16:36	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/11/13 16:36	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/11/13 16:36	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/11/13 16:36	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/11/13 16:36	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/11/13 16:36	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 16:36	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/11/13 16:36	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/11/13 16:36	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/11/13 16:36	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 16:36	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/11/13 16:36	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/11/13 16:36	1

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: MW-9
Date Collected: 02/28/13 09:30
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 16:36	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/11/13 16:36	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 16:36	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/11/13 16:36	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/11/13 16:36	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/11/13 16:36	1
Benzene	<0.074		0.50	0.074	ug/L			03/11/13 16:36	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/11/13 16:36	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/11/13 16:36	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/11/13 16:36	1
Bromoform	<0.28		1.0	0.28	ug/L			03/11/13 16:36	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/11/13 16:36	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/11/13 16:36	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/11/13 16:36	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/11/13 16:36	1
Chloroform	<0.20		1.0	0.20	ug/L			03/11/13 16:36	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/11/13 16:36	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/11/13 16:36	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/11/13 16:36	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/11/13 16:36	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/11/13 16:36	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/11/13 16:36	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/11/13 16:36	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/11/13 16:36	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/11/13 16:36	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 16:36	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/11/13 16:36	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/11/13 16:36	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/11/13 16:36	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 16:36	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 16:36	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/11/13 16:36	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/11/13 16:36	1
Styrene	<0.10		1.0	0.10	ug/L			03/11/13 16:36	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 16:36	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/11/13 16:36	1
Toluene	**0.29**	**J**	0.50	0.11	ug/L			03/11/13 16:36	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/11/13 16:36	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/11/13 16:36	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/11/13 16:36	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/11/13 16:36	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/11/13 16:36	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/11/13 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 125*		*03/11/13 16:36*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*03/11/13 16:36*	*1*
Dibromofluoromethane	*101*		*75 - 120*		*03/11/13 16:36*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*03/11/13 16:36*	*1*

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: PZ-8
Date Collected: 02/28/13 09:45
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/11/13 17:03	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/11/13 17:03	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/11/13 17:03	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 17:03	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/11/13 17:03	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/11/13 17:03	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/11/13 17:03	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/11/13 17:03	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/11/13 17:03	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/11/13 17:03	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 17:03	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/11/13 17:03	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/11/13 17:03	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/11/13 17:03	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 17:03	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/11/13 17:03	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/11/13 17:03	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 17:03	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/11/13 17:03	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 17:03	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/11/13 17:03	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/11/13 17:03	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/11/13 17:03	1
Benzene	<0.074		0.50	0.074	ug/L			03/11/13 17:03	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/11/13 17:03	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/11/13 17:03	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/11/13 17:03	1
Bromoform	<0.28		1.0	0.28	ug/L			03/11/13 17:03	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/11/13 17:03	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/11/13 17:03	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/11/13 17:03	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/11/13 17:03	1
Chloroform	<0.20		1.0	0.20	ug/L			03/11/13 17:03	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/11/13 17:03	1
cis-1,2-Dichloroethene	**60**		1.0	0.12	ug/L			03/11/13 17:03	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/11/13 17:03	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/11/13 17:03	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/11/13 17:03	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/11/13 17:03	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/11/13 17:03	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/11/13 17:03	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/11/13 17:03	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 17:03	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/11/13 17:03	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/11/13 17:03	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/11/13 17:03	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 17:03	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 17:03	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/11/13 17:03	1

Client Sample ID: PZ-8

Lab Sample ID: 500-54931-3

Date Collected: 02/28/13 09:45

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/11/13 17:03	1
Styrene	<0.10		1.0	0.10	ug/L			03/11/13 17:03	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 17:03	1
Tetrachloroethene	**1.1**		1.0	0.17	ug/L			03/11/13 17:03	1
Toluene	<0.11		0.50	0.11	ug/L			03/11/13 17:03	1
trans-1,2-Dichloroethene	**1.1**		1.0	0.25	ug/L			03/11/13 17:03	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/11/13 17:03	1
Trichloroethene	**17**		0.50	0.19	ug/L			03/11/13 17:03	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/11/13 17:03	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/11/13 17:03	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/11/13 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 125*		*03/11/13 17:03*	*1*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*		*03/11/13 17:03*	*1*
Dibromofluoromethane	*102*		*75 - 120*		*03/11/13 17:03*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*03/11/13 17:03*	*1*

Client Sample ID: MW-8

Lab Sample ID: 500-54931-4

Date Collected: 02/28/13 10:00

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/11/13 17:29	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/11/13 17:29	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/11/13 17:29	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 17:29	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/11/13 17:29	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/11/13 17:29	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/11/13 17:29	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/11/13 17:29	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/11/13 17:29	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/11/13 17:29	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 17:29	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/11/13 17:29	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/11/13 17:29	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/11/13 17:29	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 17:29	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/11/13 17:29	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/11/13 17:29	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 17:29	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/11/13 17:29	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 17:29	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/11/13 17:29	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/11/13 17:29	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/11/13 17:29	1
Benzene	<0.074		0.50	0.074	ug/L			03/11/13 17:29	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/11/13 17:29	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/11/13 17:29	1

Client Sample ID: MW-8

Lab Sample ID: 500-54931-4

Date Collected: 02/28/13 10:00

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/11/13 17:29	1
Bromoform	<0.28		1.0	0.28	ug/L			03/11/13 17:29	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/11/13 17:29	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/11/13 17:29	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/11/13 17:29	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/11/13 17:29	1
Chloroform	<0.20		1.0	0.20	ug/L			03/11/13 17:29	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/11/13 17:29	1
cis-1,2-Dichloroethene	**91**		1.0	0.12	ug/L			03/11/13 17:29	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/11/13 17:29	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/11/13 17:29	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/11/13 17:29	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/11/13 17:29	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/11/13 17:29	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/11/13 17:29	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/11/13 17:29	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 17:29	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/11/13 17:29	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/11/13 17:29	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/11/13 17:29	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 17:29	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 17:29	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/11/13 17:29	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/11/13 17:29	1
Styrene	<0.10		1.0	0.10	ug/L			03/11/13 17:29	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 17:29	1
Tetrachloroethene	**18**		1.0	0.17	ug/L			03/11/13 17:29	1
Toluene	<0.11		0.50	0.11	ug/L			03/11/13 17:29	1
trans-1,2-Dichloroethene	**1.1**		1.0	0.25	ug/L			03/11/13 17:29	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/11/13 17:29	1
Trichloroethene	**12**		0.50	0.19	ug/L			03/11/13 17:29	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/11/13 17:29	1
Vinyl chloride	**2.7**		0.50	0.10	ug/L			03/11/13 17:29	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/11/13 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*		*03/11/13 17:29*	*1*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*		*03/11/13 17:29*	*1*
Dibromofluoromethane	*104*		*75 - 120*		*03/11/13 17:29*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*03/11/13 17:29*	*1*

Client Sample ID: PZ-5

Lab Sample ID: 500-54931-5

Date Collected: 02/28/13 10:15

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/11/13 17:56	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/11/13 17:56	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/11/13 17:56	1

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: PZ-5
Date Collected: 02/28/13 10:15
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 17:56	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/11/13 17:56	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/11/13 17:56	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/11/13 17:56	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/11/13 17:56	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/11/13 17:56	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/11/13 17:56	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 17:56	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/11/13 17:56	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/11/13 17:56	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/11/13 17:56	1
1,2-Dichloroethane	**5.2**		1.0	0.28	ug/L			03/11/13 17:56	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/11/13 17:56	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/11/13 17:56	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 17:56	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/11/13 17:56	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 17:56	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/11/13 17:56	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/11/13 17:56	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/11/13 17:56	1
Benzene	<0.074		0.50	0.074	ug/L			03/11/13 17:56	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/11/13 17:56	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/11/13 17:56	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/11/13 17:56	1
Bromoform	<0.28		1.0	0.28	ug/L			03/11/13 17:56	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/11/13 17:56	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/11/13 17:56	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/11/13 17:56	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/11/13 17:56	1
Chloroform	<0.20		1.0	0.20	ug/L			03/11/13 17:56	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/11/13 17:56	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.12	ug/L			03/11/13 17:56	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/11/13 17:56	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/11/13 17:56	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/11/13 17:56	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/11/13 17:56	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/11/13 17:56	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/11/13 17:56	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/11/13 17:56	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 17:56	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/11/13 17:56	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/11/13 17:56	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/11/13 17:56	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 17:56	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 17:56	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/11/13 17:56	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/11/13 17:56	1
Styrene	<0.10		1.0	0.10	ug/L			03/11/13 17:56	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 17:56	1

Client Sample ID: PZ-5

Lab Sample ID: 500-54931-5

Date Collected: 02/28/13 10:15

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/11/13 17:56	1
Toluene	<0.11		0.50	0.11	ug/L			03/11/13 17:56	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/11/13 17:56	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/11/13 17:56	1
Trichloroethene	**0.57**		0.50	0.19	ug/L			03/11/13 17:56	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/11/13 17:56	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/11/13 17:56	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/11/13 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 125*		*03/11/13 17:56*	*1*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*		*03/11/13 17:56*	*1*
Dibromofluoromethane	*102*		*75 - 120*		*03/11/13 17:56*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*03/11/13 17:56*	*1*

Client Sample ID: MW-5

Lab Sample ID: 500-54931-6

Date Collected: 02/28/13 10:30

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/11/13 18:22	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/11/13 18:22	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/11/13 18:22	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 18:22	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/11/13 18:22	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/11/13 18:22	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/11/13 18:22	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/11/13 18:22	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/11/13 18:22	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/11/13 18:22	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 18:22	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/11/13 18:22	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/11/13 18:22	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/11/13 18:22	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 18:22	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/11/13 18:22	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/11/13 18:22	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 18:22	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/11/13 18:22	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 18:22	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/11/13 18:22	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/11/13 18:22	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/11/13 18:22	1
Benzene	<0.074		0.50	0.074	ug/L			03/11/13 18:22	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/11/13 18:22	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/11/13 18:22	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/11/13 18:22	1
Bromoform	<0.28		1.0	0.28	ug/L			03/11/13 18:22	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/11/13 18:22	1

Client Sample ID: MW-5 — **Lab Sample ID: 500-54931-6**
Date Collected: 02/28/13 10:30 — **Matrix: Water**
Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/11/13 18:22	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/11/13 18:22	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/11/13 18:22	1
Chloroform	<0.20		1.0	0.20	ug/L			03/11/13 18:22	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/11/13 18:22	1
cis-1,2-Dichloroethene	**4.7**		1.0	0.12	ug/L			03/11/13 18:22	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/11/13 18:22	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/11/13 18:22	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/11/13 18:22	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/11/13 18:22	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/11/13 18:22	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/11/13 18:22	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/11/13 18:22	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 18:22	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/11/13 18:22	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/11/13 18:22	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/11/13 18:22	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 18:22	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 18:22	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/11/13 18:22	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/11/13 18:22	1
Styrene	<0.10		1.0	0.10	ug/L			03/11/13 18:22	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 18:22	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/11/13 18:22	1
Toluene	<0.11		0.50	0.11	ug/L			03/11/13 18:22	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/11/13 18:22	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/11/13 18:22	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/11/13 18:22	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/11/13 18:22	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/11/13 18:22	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/11/13 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*		*03/11/13 18:22*	*1*
4-Bromofluorobenzene (Surr)	*102*		*75 - 120*		*03/11/13 18:22*	*1*
Dibromofluoromethane	*107*		*75 - 120*		*03/11/13 18:22*	*1*
Toluene-d8 (Surr)	*105*		*75 - 120*		*03/11/13 18:22*	*1*

Client Sample ID: B-12 — **Lab Sample ID: 500-54931-7**
Date Collected: 02/28/13 10:45 — **Matrix: Water**
Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/11/13 18:49	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/11/13 18:49	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/11/13 18:49	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 18:49	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/11/13 18:49	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/11/13 18:49	1

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: B-12
Date Collected: 02/28/13 10:45
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/11/13 18:49	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/11/13 18:49	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/11/13 18:49	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/11/13 18:49	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 18:49	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/11/13 18:49	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/11/13 18:49	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/11/13 18:49	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 18:49	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/11/13 18:49	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/11/13 18:49	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 18:49	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/11/13 18:49	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 18:49	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/11/13 18:49	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/11/13 18:49	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/11/13 18:49	1
Benzene	<0.074		0.50	0.074	ug/L			03/11/13 18:49	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/11/13 18:49	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/11/13 18:49	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/11/13 18:49	1
Bromoform	<0.28		1.0	0.28	ug/L			03/11/13 18:49	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/11/13 18:49	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/11/13 18:49	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/11/13 18:49	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/11/13 18:49	1
Chloroform	<0.20		1.0	0.20	ug/L			03/11/13 18:49	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/11/13 18:49	1
cis-1,2-Dichloroethene	**39**		1.0	0.12	ug/L			03/11/13 18:49	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/11/13 18:49	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/11/13 18:49	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/11/13 18:49	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/11/13 18:49	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/11/13 18:49	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/11/13 18:49	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/11/13 18:49	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 18:49	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/11/13 18:49	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/11/13 18:49	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/11/13 18:49	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 18:49	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 18:49	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/11/13 18:49	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/11/13 18:49	1
Styrene	<0.10		1.0	0.10	ug/L			03/11/13 18:49	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 18:49	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/11/13 18:49	1
Toluene	<0.11		0.50	0.11	ug/L			03/11/13 18:49	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/11/13 18:49	1

Client Sample ID: B-12

Lab Sample ID: 500-54931-7

Date Collected: 02/28/13 10:45

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/11/13 18:49	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/11/13 18:49	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/11/13 18:49	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/11/13 18:49	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/11/13 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 125*		*03/11/13 18:49*	*1*
4-Bromofluorobenzene (Surr)	*102*		*75 - 120*		*03/11/13 18:49*	*1*
Dibromofluoromethane	*108*		*75 - 120*		*03/11/13 18:49*	*1*
Toluene-d8 (Surr)	*105*		*75 - 120*		*03/11/13 18:49*	*1*

Client Sample ID: B-11

Lab Sample ID: 500-54931-8

Date Collected: 02/28/13 11:00

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/11/13 19:16	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/11/13 19:16	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/11/13 19:16	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 19:16	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/11/13 19:16	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/11/13 19:16	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/11/13 19:16	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/11/13 19:16	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/11/13 19:16	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/11/13 19:16	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 19:16	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/11/13 19:16	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/11/13 19:16	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/11/13 19:16	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 19:16	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/11/13 19:16	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/11/13 19:16	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 19:16	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/11/13 19:16	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 19:16	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/11/13 19:16	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/11/13 19:16	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/11/13 19:16	1
Benzene	<0.074		0.50	0.074	ug/L			03/11/13 19:16	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/11/13 19:16	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/11/13 19:16	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/11/13 19:16	1
Bromoform	<0.28		1.0	0.28	ug/L			03/11/13 19:16	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/11/13 19:16	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/11/13 19:16	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/11/13 19:16	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/11/13 19:16	1

Client Sample ID: B-11 — **Lab Sample ID: 500-54931-8**
Date Collected: 02/28/13 11:00 — **Matrix: Water**
Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.20		1.0	0.20	ug/L			03/11/13 19:16	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/11/13 19:16	1
cis-1,2-Dichloroethene	**1.9**		1.0	0.12	ug/L			03/11/13 19:16	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/11/13 19:16	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/11/13 19:16	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/11/13 19:16	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/11/13 19:16	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/11/13 19:16	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/11/13 19:16	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/11/13 19:16	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 19:16	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/11/13 19:16	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/11/13 19:16	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/11/13 19:16	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 19:16	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 19:16	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/11/13 19:16	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/11/13 19:16	1
Styrene	<0.10		1.0	0.10	ug/L			03/11/13 19:16	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 19:16	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/11/13 19:16	1
Toluene	<0.11		0.50	0.11	ug/L			03/11/13 19:16	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/11/13 19:16	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/11/13 19:16	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/11/13 19:16	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/11/13 19:16	1
Vinyl chloride	**0.57**		0.50	0.10	ug/L			03/11/13 19:16	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/11/13 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*		*03/11/13 19:16*	*1*
4-Bromofluorobenzene (Surr)	*105*		*75 - 120*		*03/11/13 19:16*	*1*
Dibromofluoromethane	*106*		*75 - 120*		*03/11/13 19:16*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*03/11/13 19:16*	*1*

Client Sample ID: Large Sump — **Lab Sample ID: 500-54931-9**
Date Collected: 02/28/13 11:15 — **Matrix: Water**
Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/11/13 19:42	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/11/13 19:42	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/11/13 19:42	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 19:42	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/11/13 19:42	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/11/13 19:42	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/11/13 19:42	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/11/13 19:42	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/11/13 19:42	1

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: Large Sump
Date Collected: 02/28/13 11:15
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/11/13 19:42	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 19:42	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/11/13 19:42	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/11/13 19:42	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/11/13 19:42	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 19:42	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/11/13 19:42	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/11/13 19:42	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 19:42	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/11/13 19:42	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 19:42	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/11/13 19:42	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/11/13 19:42	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/11/13 19:42	1
Benzene	<0.074		0.50	0.074	ug/L			03/11/13 19:42	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/11/13 19:42	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/11/13 19:42	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/11/13 19:42	1
Bromoform	<0.28		1.0	0.28	ug/L			03/11/13 19:42	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/11/13 19:42	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/11/13 19:42	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/11/13 19:42	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/11/13 19:42	1
Chloroform	<0.20		1.0	0.20	ug/L			03/11/13 19:42	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/11/13 19:42	1
cis-1,2-Dichloroethene	**17**		1.0	0.12	ug/L			03/11/13 19:42	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/11/13 19:42	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/11/13 19:42	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/11/13 19:42	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/11/13 19:42	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/11/13 19:42	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/11/13 19:42	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/11/13 19:42	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 19:42	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/11/13 19:42	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/11/13 19:42	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/11/13 19:42	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 19:42	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 19:42	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/11/13 19:42	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/11/13 19:42	1
Styrene	<0.10		1.0	0.10	ug/L			03/11/13 19:42	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 19:42	1
Tetrachloroethene	**3.6**		1.0	0.17	ug/L			03/11/13 19:42	1
Toluene	<0.11		0.50	0.11	ug/L			03/11/13 19:42	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/11/13 19:42	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/11/13 19:42	1
Trichloroethene	**4.5**		0.50	0.19	ug/L			03/11/13 19:42	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/11/13 19:42	1

Client Sample ID: Large Sump
Date Collected: 02/28/13 11:15
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/11/13 19:42	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/11/13 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 125*		*03/11/13 19:42*	*1*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*		*03/11/13 19:42*	*1*
Dibromofluoromethane	*104*		*75 - 120*		*03/11/13 19:42*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*03/11/13 19:42*	*1*

Client Sample ID: PZ-10
Date Collected: 02/28/13 12:15
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/11/13 20:09	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/11/13 20:09	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/11/13 20:09	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 20:09	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/11/13 20:09	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/11/13 20:09	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/11/13 20:09	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/11/13 20:09	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/11/13 20:09	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/11/13 20:09	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 20:09	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/11/13 20:09	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/11/13 20:09	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/11/13 20:09	1
1,2-Dichloroethane	**50**		1.0	0.28	ug/L			03/11/13 20:09	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/11/13 20:09	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/11/13 20:09	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 20:09	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/11/13 20:09	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 20:09	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/11/13 20:09	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/11/13 20:09	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/11/13 20:09	1
Benzene	<0.074		0.50	0.074	ug/L			03/11/13 20:09	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/11/13 20:09	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/11/13 20:09	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/11/13 20:09	1
Bromoform	<0.28		1.0	0.28	ug/L			03/11/13 20:09	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/11/13 20:09	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/11/13 20:09	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/11/13 20:09	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/11/13 20:09	1
Chloroform	<0.20		1.0	0.20	ug/L			03/11/13 20:09	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/11/13 20:09	1
cis-1,2-Dichloroethene	**4.8**		1.0	0.12	ug/L			03/11/13 20:09	1

Client Sample ID: PZ-10
Date Collected: 02/28/13 12:15
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/11/13 20:09	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/11/13 20:09	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/11/13 20:09	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/11/13 20:09	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/11/13 20:09	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/11/13 20:09	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/11/13 20:09	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 20:09	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/11/13 20:09	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/11/13 20:09	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/11/13 20:09	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 20:09	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 20:09	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/11/13 20:09	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/11/13 20:09	1
Styrene	<0.10		1.0	0.10	ug/L			03/11/13 20:09	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 20:09	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/11/13 20:09	1
Toluene	<0.11		0.50	0.11	ug/L			03/11/13 20:09	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/11/13 20:09	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/11/13 20:09	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/11/13 20:09	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/11/13 20:09	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/11/13 20:09	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/11/13 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*		*03/11/13 20:09*	*1*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*03/11/13 20:09*	*1*
Dibromofluoromethane	*101*		*75 - 120*		*03/11/13 20:09*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*03/11/13 20:09*	*1*

Client Sample ID: MW-10
Date Collected: 02/28/13 12:30
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/12/13 01:00	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/12/13 01:00	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/12/13 01:00	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/12/13 01:00	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/12/13 01:00	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/12/13 01:00	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/12/13 01:00	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/12/13 01:00	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/12/13 01:00	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/12/13 01:00	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/12/13 01:00	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/12/13 01:00	1

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: MW-10
Date Collected: 02/28/13 12:30
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/12/13 01:00	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/12/13 01:00	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/12/13 01:00	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/12/13 01:00	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/12/13 01:00	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/13 01:00	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/12/13 01:00	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/13 01:00	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/12/13 01:00	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/12/13 01:00	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/12/13 01:00	1
Benzene	<0.074		0.50	0.074	ug/L			03/12/13 01:00	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/12/13 01:00	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/12/13 01:00	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/12/13 01:00	1
Bromoform	<0.28		1.0	0.28	ug/L			03/12/13 01:00	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/12/13 01:00	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/13 01:00	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/13 01:00	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/12/13 01:00	1
Chloroform	<0.20		1.0	0.20	ug/L			03/12/13 01:00	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/12/13 01:00	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/12/13 01:00	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/12/13 01:00	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/12/13 01:00	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/12/13 01:00	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/12/13 01:00	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/12/13 01:00	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/12/13 01:00	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/12/13 01:00	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/12/13 01:00	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/12/13 01:00	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/12/13 01:00	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/12/13 01:00	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/12/13 01:00	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/12/13 01:00	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/12/13 01:00	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/12/13 01:00	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/13 01:00	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/12/13 01:00	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/12/13 01:00	1
Toluene	<0.11		0.50	0.11	ug/L			03/12/13 01:00	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/12/13 01:00	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/12/13 01:00	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/12/13 01:00	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/12/13 01:00	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/12/13 01:00	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/12/13 01:00	1

Client Sample ID: MW-10

Lab Sample ID: 500-54931-11

Date Collected: 02/28/13 12:30

Matrix: Water

Date Received: 03/05/13 10:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 125		03/12/13 01:00	1
4-Bromofluorobenzene (Surr)	100		75 - 120		03/12/13 01:00	1
Dibromofluoromethane	105		75 - 120		03/12/13 01:00	1
Toluene-d8 (Surr)	104		75 - 120		03/12/13 01:00	1

Client Sample ID: East Sump Discharge

Lab Sample ID: 500-54931-12

Date Collected: 03/01/13 06:00

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/12/13 01:27	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/12/13 01:27	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/12/13 01:27	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/12/13 01:27	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/12/13 01:27	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/12/13 01:27	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/12/13 01:27	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/12/13 01:27	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/12/13 01:27	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/12/13 01:27	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/12/13 01:27	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/12/13 01:27	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/12/13 01:27	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/12/13 01:27	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/12/13 01:27	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/12/13 01:27	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/12/13 01:27	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/13 01:27	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/12/13 01:27	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/13 01:27	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/12/13 01:27	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/12/13 01:27	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/12/13 01:27	1
Benzene	<0.074		0.50	0.074	ug/L			03/12/13 01:27	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/12/13 01:27	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/12/13 01:27	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/12/13 01:27	1
Bromoform	<0.28		1.0	0.28	ug/L			03/12/13 01:27	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/12/13 01:27	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/13 01:27	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/13 01:27	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/12/13 01:27	1
Chloroform	<0.20		1.0	0.20	ug/L			03/12/13 01:27	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/12/13 01:27	1
cis-1,2-Dichloroethene	**43**		1.0	0.12	ug/L			03/12/13 01:27	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/12/13 01:27	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/12/13 01:27	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/12/13 01:27	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/12/13 01:27	1

Client Sample ID: East Sump Discharge

Lab Sample ID: 500-54931-12

Date Collected: 03/01/13 06:00

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/12/13 01:27	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/12/13 01:27	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/12/13 01:27	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/12/13 01:27	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/12/13 01:27	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/12/13 01:27	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/12/13 01:27	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/12/13 01:27	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/12/13 01:27	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/12/13 01:27	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/12/13 01:27	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/13 01:27	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/12/13 01:27	1
Tetrachloroethene	**15**		1.0	0.17	ug/L			03/12/13 01:27	1
Toluene	<0.11		0.50	0.11	ug/L			03/12/13 01:27	1
trans-1,2-Dichloroethene	**0.78**	**J**	1.0	0.25	ug/L			03/12/13 01:27	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/12/13 01:27	1
Trichloroethene	**19**		0.50	0.19	ug/L			03/12/13 01:27	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/12/13 01:27	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/12/13 01:27	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/12/13 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 125*		*03/12/13 01:27*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*03/12/13 01:27*	*1*
Dibromofluoromethane	*101*		*75 - 120*		*03/12/13 01:27*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*03/12/13 01:27*	*1*

Client Sample ID: Trip Blank

Lab Sample ID: 500-54931-13

Date Collected: 02/28/13 00:00

Matrix: Water

Date Received: 03/05/13 10:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/12/13 00:34	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/12/13 00:34	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/12/13 00:34	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/12/13 00:34	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/12/13 00:34	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/12/13 00:34	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/12/13 00:34	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/12/13 00:34	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/12/13 00:34	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/12/13 00:34	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/12/13 00:34	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/12/13 00:34	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/12/13 00:34	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/12/13 00:34	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/12/13 00:34	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/12/13 00:34	1

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: Trip Blank
Date Collected: 02/28/13 00:00
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/12/13 00:34	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/13 00:34	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/12/13 00:34	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/13 00:34	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/12/13 00:34	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/12/13 00:34	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/12/13 00:34	1
Benzene	<0.074		0.50	0.074	ug/L			03/12/13 00:34	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/12/13 00:34	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/12/13 00:34	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/12/13 00:34	1
Bromoform	<0.28		1.0	0.28	ug/L			03/12/13 00:34	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/12/13 00:34	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/13 00:34	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/13 00:34	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/12/13 00:34	1
Chloroform	<0.20		1.0	0.20	ug/L			03/12/13 00:34	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/12/13 00:34	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/12/13 00:34	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/12/13 00:34	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/12/13 00:34	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/12/13 00:34	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/12/13 00:34	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/12/13 00:34	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/12/13 00:34	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/12/13 00:34	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/12/13 00:34	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/12/13 00:34	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/12/13 00:34	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/12/13 00:34	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/12/13 00:34	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/12/13 00:34	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/12/13 00:34	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/12/13 00:34	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/13 00:34	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/12/13 00:34	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/12/13 00:34	1
Toluene	<0.11		0.50	0.11	ug/L			03/12/13 00:34	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/12/13 00:34	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/12/13 00:34	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/12/13 00:34	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/12/13 00:34	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/12/13 00:34	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/12/13 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 125*		*03/12/13 00:34*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*03/12/13 00:34*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*03/12/13 00:34*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*03/12/13 00:34*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

GC/MS VOA

Analysis Batch: 179512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54931-1	PZ-9	Total/NA	Water	8260B	
500-54931-1 - DL	PZ-9	Total/NA	Water	8260B	
500-54931-2	MW-9	Total/NA	Water	8260B	
500-54931-3	PZ-8	Total/NA	Water	8260B	
500-54931-4	MW-8	Total/NA	Water	8260B	
500-54931-5	PZ-5	Total/NA	Water	8260B	
500-54931-6	MW-5	Total/NA	Water	8260B	
500-54931-7	B-12	Total/NA	Water	8260B	
500-54931-8	B-11	Total/NA	Water	8260B	
500-54931-9	Large Sump	Total/NA	Water	8260B	
500-54931-10	PZ-10	Total/NA	Water	8260B	
500-54931-10 MS	PZ-10	Total/NA	Water	8260B	
500-54931-10 MSD	PZ-10	Total/NA	Water	8260B	
LCS 500-179512/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-179512/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 179542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54931-11	MW-10	Total/NA	Water	8260B	
500-54931-12	East Sump Discharge	Total/NA	Water	8260B	
500-54931-13	Trip Blank	Total/NA	Water	8260B	
LCS 500-179542/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-179542/6	Method Blank	Total/NA	Water	8260B	

Surrogate Summary

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-125)	(75-120)	(75-120)	(75-120)
500-54931-1	PZ-9	100	101	100	101
500-54931-1 - DL	PZ-9	109	107	112	110
500-54931-2	MW-9	100	99	101	102
500-54931-3	PZ-8	102	98	102	102
500-54931-4	MW-8	105	101	104	106
500-54931-5	PZ-5	102	98	102	103
500-54931-6	MW-5	103	102	107	105
500-54931-7	B-12	104	102	108	105
500-54931-8	B-11	105	105	106	107
500-54931-9	Large Sump	100	100	104	102
500-54931-10	PZ-10	101	103	101	103
500-54931-10 MS	PZ-10	103	104	104	104
500-54931-10 MSD	PZ-10	96	99	97	99
500-54931-11	MW-10	103	100	105	104
500-54931-12	East Sump Discharge	98	96	101	99
500-54931-13	Trip Blank	98	96	98	100
LCS 500-179512/4	Lab Control Sample	102	111	103	106
LCS 500-179542/4	Lab Control Sample	91	93	93	93
MB 500-179512/6	Method Blank	100	107	100	104
MB 500-179542/6	Method Blank	94	96	97	97

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-179512/6
Matrix: Water
Analysis Batch: 179512

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/11/13 11:36	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/11/13 11:36	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/11/13 11:36	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 11:36	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/11/13 11:36	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/11/13 11:36	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/11/13 11:36	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/11/13 11:36	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/11/13 11:36	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/11/13 11:36	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 11:36	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/11/13 11:36	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/11/13 11:36	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/11/13 11:36	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/11/13 11:36	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/11/13 11:36	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/11/13 11:36	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 11:36	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/11/13 11:36	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/11/13 11:36	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/11/13 11:36	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/11/13 11:36	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/11/13 11:36	1
Benzene	<0.074		0.50	0.074	ug/L			03/11/13 11:36	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/11/13 11:36	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/11/13 11:36	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/11/13 11:36	1
Bromoform	<0.28		1.0	0.28	ug/L			03/11/13 11:36	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/11/13 11:36	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/11/13 11:36	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/11/13 11:36	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/11/13 11:36	1
Chloroform	<0.20		1.0	0.20	ug/L			03/11/13 11:36	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/11/13 11:36	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/11/13 11:36	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/11/13 11:36	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/11/13 11:36	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/11/13 11:36	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/11/13 11:36	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/11/13 11:36	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/11/13 11:36	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/11/13 11:36	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 11:36	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/11/13 11:36	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/11/13 11:36	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/11/13 11:36	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 11:36	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/11/13 11:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-179512/6
Matrix: Water
Analysis Batch: 179512

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/11/13 11:36	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/11/13 11:36	1
Styrene	<0.10		1.0	0.10	ug/L			03/11/13 11:36	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/11/13 11:36	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/11/13 11:36	1
Toluene	<0.11		0.50	0.11	ug/L			03/11/13 11:36	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/11/13 11:36	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/11/13 11:36	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/11/13 11:36	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/11/13 11:36	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/11/13 11:36	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/11/13 11:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 125*		*03/11/13 11:36*	*1*
4-Bromofluorobenzene (Surr)	*107*		*75 - 120*		*03/11/13 11:36*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*03/11/13 11:36*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*03/11/13 11:36*	*1*

Lab Sample ID: LCS 500-179512/4
Matrix: Water
Analysis Batch: 179512

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	48.5		ug/L		97	75 - 120
1,1,1-Trichloroethane	50.0	45.7		ug/L		91	70 - 123
1,1,2,2-Tetrachloroethane	50.0	45.3		ug/L		91	70 - 128
1,1,2-Trichloroethane	50.0	42.4		ug/L		85	69 - 120
1,1-Dichloroethane	50.0	42.3		ug/L		85	68 - 121
1,1-Dichloroethene	50.0	39.7		ug/L		79	58 - 122
1,1-Dichloropropene	50.0	41.9		ug/L		84	70 - 120
1,2,3-Trichlorobenzene	50.0	47.7		ug/L		95	56 - 137
1,2,3-Trichloropropane	50.0	45.0		ug/L		90	70 - 120
1,2,4-Trichlorobenzene	50.0	46.4		ug/L		93	65 - 121
1,2,4-Trimethylbenzene	50.0	46.2		ug/L		92	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	45.9		ug/L		92	60 - 121
1,2-Dibromoethane	50.0	44.4		ug/L		89	70 - 120
1,2-Dichlorobenzene	50.0	43.0		ug/L		86	75 - 120
1,2-Dichloroethane	50.0	40.9		ug/L		82	69 - 120
1,2-Dichloropropane	50.0	44.6		ug/L		89	70 - 120
1,3,5-Trimethylbenzene	50.0	46.9		ug/L		94	75 - 123
1,3-Dichlorobenzene	50.0	42.7		ug/L		85	70 - 120
1,3-Dichloropropane	50.0	44.0		ug/L		88	70 - 120
1,4-Dichlorobenzene	50.0	45.7		ug/L		91	75 - 120
2,2-Dichloropropane	50.0	50.4		ug/L		101	67 - 125
2-Chlorotoluene	50.0	42.2		ug/L		84	70 - 120
4-Chlorotoluene	50.0	42.3		ug/L		85	70 - 120
Benzene	50.0	42.2		ug/L		84	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-179512/4
Matrix: Water
Analysis Batch: 179512

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	45.0		ug/L		90	70 - 120
Bromochloromethane	50.0	42.9		ug/L		86	67 - 122
Bromodichloromethane	50.0	42.9		ug/L		86	70 - 120
Bromoform	50.0	52.9		ug/L		106	70 - 125
Bromomethane	50.0	33.2		ug/L		66	50 - 150
Carbon tetrachloride	50.0	46.8		ug/L		94	70 - 125
Chlorobenzene	50.0	42.3		ug/L		85	70 - 120
Chloroethane	50.0	39.3		ug/L		79	50 - 150
Chloroform	50.0	42.9		ug/L		86	70 - 120
Chloromethane	50.0	32.6		ug/L		65	50 - 134
cis-1,2-Dichloroethene	50.0	43.0		ug/L		86	70 - 120
cis-1,3-Dichloropropene	53.8	50.6		ug/L		94	70 - 120
Dibromochloromethane	50.0	46.8		ug/L		94	70 - 120
Dibromomethane	50.0	41.8		ug/L		84	70 - 120
Dichlorodifluoromethane	50.0	26.4		ug/L		53	40 - 140
Ethylbenzene	50.0	44.5		ug/L		89	75 - 120
Hexachlorobutadiene	50.0	48.1		ug/L		96	70 - 135
Isopropylbenzene	50.0	42.5		ug/L		85	70 - 120
Methyl tert-butyl ether	50.0	46.3		ug/L		93	58 - 122
Methylene Chloride	50.0	39.7		ug/L		79	65 - 125
Naphthalene	50.0	48.0		ug/L		96	55 - 132
n-Butylbenzene	50.0	46.0		ug/L		92	75 - 120
N-Propylbenzene	50.0	42.2		ug/L		84	70 - 120
p-Isopropyltoluene	50.0	42.6		ug/L		85	70 - 120
sec-Butylbenzene	50.0	42.7		ug/L		85	70 - 120
Styrene	50.0	46.2		ug/L		92	75 - 120
tert-Butylbenzene	50.0	42.9		ug/L		86	70 - 120
Tetrachloroethene	50.0	44.1		ug/L		88	70 - 123
Toluene	50.0	42.7		ug/L		85	70 - 120
trans-1,2-Dichloroethene	50.0	43.0		ug/L		86	70 - 124
trans-1,3-Dichloropropene	48.6	48.8		ug/L		100	70 - 120
Trichloroethene	50.0	43.1		ug/L		86	70 - 120
Trichlorofluoromethane	50.0	44.2		ug/L		88	63 - 134
Vinyl chloride	50.0	39.5		ug/L		79	62 - 138
Xylenes, Total	150	130		ug/L		87	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 125*
4-Bromofluorobenzene (Surr)	*111*		*75 - 120*
Dibromofluoromethane	*103*		*75 - 120*
Toluene-d8 (Surr)	*106*		*75 - 120*

Lab Sample ID: 500-54931-10 MS
Matrix: Water
Analysis Batch: 179512

Client Sample ID: PZ-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.25		50.0	50.9		ug/L		102	75 - 120

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-54931-10 MS
Matrix: Water
Analysis Batch: 179512

Client Sample ID: PZ-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	<0.20		50.0	48.8		ug/L		98	70 - 123
1,1,2,2-Tetrachloroethane	<0.23		50.0	49.4		ug/L		99	70 - 128
1,1,2-Trichloroethane	<0.28		50.0	46.0		ug/L		92	69 - 120
1,1-Dichloroethane	<0.19		50.0	46.3		ug/L		93	68 - 121
1,1-Dichloroethene	<0.31		50.0	42.9		ug/L		86	58 - 122
1,1-Dichloropropene	<0.34		50.0	44.7		ug/L		89	70 - 120
1,2,3-Trichlorobenzene	<0.24		50.0	50.5		ug/L		101	56 - 137
1,2,3-Trichloropropane	<0.45		50.0	47.7		ug/L		95	70 - 120
1,2,4-Trichlorobenzene	<0.31		50.0	46.9		ug/L		94	65 - 121
1,2,4-Trimethylbenzene	<0.14		50.0	48.8		ug/L		98	75 - 121
1,2-Dibromo-3-Chloropropane	<0.87		50.0	51.6		ug/L		103	60 - 121
1,2-Dibromoethane	<0.36		50.0	47.8		ug/L		96	70 - 120
1,2-Dichlorobenzene	<0.27		50.0	45.9		ug/L		92	75 - 120
1,2-Dichloroethane	50		50.0	94.8		ug/L		90	69 - 120
1,2-Dichloropropane	<0.20		50.0	46.8		ug/L		94	70 - 120
1,3,5-Trimethylbenzene	<0.18		50.0	50.1		ug/L		100	75 - 123
1,3-Dichlorobenzene	<0.15		50.0	44.4		ug/L		89	70 - 120
1,3-Dichloropropane	<0.13		50.0	47.1		ug/L		94	70 - 120
1,4-Dichlorobenzene	<0.15		50.0	47.3		ug/L		95	75 - 120
2,2-Dichloropropane	<0.32		50.0	50.0		ug/L		100	67 - 125
2-Chlorotoluene	<0.21		50.0	44.2		ug/L		88	70 - 120
4-Chlorotoluene	<0.20		50.0	44.9		ug/L		90	70 - 120
Benzene	<0.074		50.0	44.8		ug/L		90	70 - 120
Bromobenzene	<0.25		50.0	48.3		ug/L		97	70 - 120
Bromochloromethane	<0.40		50.0	45.7		ug/L		91	67 - 122
Bromodichloromethane	<0.17		50.0	45.5		ug/L		91	70 - 120
Bromoform	<0.28		50.0	53.9		ug/L		108	70 - 125
Bromomethane	<0.31		50.0	39.4		ug/L		79	50 - 150
Carbon tetrachloride	<0.26		50.0	48.0		ug/L		96	70 - 125
Chlorobenzene	<0.14		50.0	45.0		ug/L		90	70 - 120
Chloroethane	<0.34		50.0	45.4		ug/L		91	50 - 150
Chloroform	<0.20		50.0	47.9		ug/L		96	70 - 120
Chloromethane	<0.18		50.0	36.6		ug/L		73	50 - 134
cis-1,2-Dichloroethene	4.8		50.0	51.9		ug/L		94	70 - 120
cis-1,3-Dichloropropene	<0.18		53.8	50.7		ug/L		94	70 - 120
Dibromochloromethane	<0.32		50.0	48.4		ug/L		97	70 - 120
Dibromomethane	<0.33		50.0	45.2		ug/L		90	70 - 120
Dichlorodifluoromethane	<0.20		50.0	29.8		ug/L		60	40 - 140
Ethylbenzene	<0.13		50.0	47.8		ug/L		96	75 - 120
Hexachlorobutadiene	<0.26		50.0	49.9		ug/L		100	70 - 135
Isopropylbenzene	<0.14		50.0	45.6		ug/L		91	70 - 120
Methyl tert-butyl ether	<0.24		50.0	49.1		ug/L		98	58 - 122
Methylene Chloride	<0.68		50.0	43.4		ug/L		87	65 - 125
Naphthalene	<0.16		50.0	52.1		ug/L		104	55 - 132
n-Butylbenzene	<0.13		50.0	47.3		ug/L		95	75 - 120
N-Propylbenzene	<0.13		50.0	44.2		ug/L		88	70 - 120
p-Isopropyltoluene	<0.17		50.0	44.8		ug/L		90	70 - 120
sec-Butylbenzene	<0.15		50.0	45.5		ug/L		91	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-54931-10 MS
Matrix: Water
Analysis Batch: 179512

Client Sample ID: PZ-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	<0.10		50.0	48.6		ug/L		97	75 - 120
tert-Butylbenzene	<0.14		50.0	45.7		ug/L		91	70 - 120
Tetrachloroethene	<0.17		50.0	46.6		ug/L		93	70 - 123
Toluene	<0.11		50.0	46.5		ug/L		93	70 - 120
trans-1,2-Dichloroethene	<0.25		50.0	46.1		ug/L		92	70 - 124
trans-1,3-Dichloropropene	<0.21		48.6	49.5		ug/L		102	70 - 120
Trichloroethene	<0.19		50.0	46.4		ug/L		93	70 - 120
Trichlorofluoromethane	<0.19		50.0	50.1		ug/L		100	63 - 134
Vinyl chloride	<0.10		50.0	43.3		ug/L		87	62 - 138
Xylenes, Total	<0.068		150	137		ug/L		91	70 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*
4-Bromofluorobenzene (Surr)	*104*		*75 - 120*
Dibromofluoromethane	*104*		*75 - 120*
Toluene-d8 (Surr)	*104*		*75 - 120*

Lab Sample ID: 500-54931-10 MSD
Matrix: Water
Analysis Batch: 179512

Client Sample ID: PZ-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.25		50.0	49.4		ug/L		99	75 - 120	3	20
1,1,1-Trichloroethane	<0.20		50.0	47.2		ug/L		94	70 - 123	3	20
1,1,2,2-Tetrachloroethane	<0.23		50.0	47.3		ug/L		95	70 - 128	4	20
1,1,2-Trichloroethane	<0.28		50.0	44.2		ug/L		88	69 - 120	4	20
1,1-Dichloroethane	<0.19		50.0	44.8		ug/L		90	68 - 121	3	20
1,1-Dichloroethene	<0.31		50.0	40.2		ug/L		80	58 - 122	7	20
1,1-Dichloropropene	<0.34		50.0	42.7		ug/L		85	70 - 120	4	20
1,2,3-Trichlorobenzene	<0.24		50.0	49.2		ug/L		98	56 - 137	3	20
1,2,3-Trichloropropane	<0.45		50.0	45.2		ug/L		90	70 - 120	5	20
1,2,4-Trichlorobenzene	<0.31		50.0	46.1		ug/L		92	65 - 121	2	20
1,2,4-Trimethylbenzene	<0.14		50.0	46.7		ug/L		93	75 - 121	5	20
1,2-Dibromo-3-Chloropropane	<0.87		50.0	47.7		ug/L		95	60 - 121	8	20
1,2-Dibromoethane	<0.36		50.0	45.6		ug/L		91	70 - 120	5	20
1,2-Dichlorobenzene	<0.27		50.0	44.4		ug/L		89	75 - 120	3	20
1,2-Dichloroethane	50		50.0	90.2		ug/L		80	69 - 120	5	20
1,2-Dichloropropane	<0.20		50.0	45.1		ug/L		90	70 - 120	4	20
1,3,5-Trimethylbenzene	<0.18		50.0	47.9		ug/L		96	75 - 123	5	20
1,3-Dichlorobenzene	<0.15		50.0	43.1		ug/L		86	70 - 120	3	20
1,3-Dichloropropane	<0.13		50.0	44.6		ug/L		89	70 - 120	5	20
1,4-Dichlorobenzene	<0.15		50.0	46.0		ug/L		92	75 - 120	3	20
2,2-Dichloropropane	<0.32		50.0	48.7		ug/L		97	67 - 125	3	20
2-Chlorotoluene	<0.21		50.0	42.5		ug/L		85	70 - 120	4	20
4-Chlorotoluene	<0.20		50.0	42.9		ug/L		86	70 - 120	4	20
Benzene	<0.074		50.0	43.3		ug/L		87	70 - 120	3	20
Bromobenzene	<0.25		50.0	46.9		ug/L		94	70 - 120	3	20
Bromochloromethane	<0.40		50.0	47.9		ug/L		96	67 - 122	5	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-54931-10 MSD
Matrix: Water
Analysis Batch: 179512

Client Sample ID: PZ-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromodichloromethane	<0.17		50.0	44.1		ug/L		88	70 - 120	3	20
Bromoform	<0.28		50.0	52.5		ug/L		105	70 - 125	3	20
Bromomethane	<0.31		50.0	40.1		ug/L		80	50 - 150	2	20
Carbon tetrachloride	<0.26		50.0	47.1		ug/L		94	70 - 125	2	20
Chlorobenzene	<0.14		50.0	43.3		ug/L		87	70 - 120	4	20
Chloroethane	<0.34		50.0	43.5		ug/L		87	50 - 150	4	20
Chloroform	<0.20		50.0	45.1		ug/L		90	70 - 120	6	20
Chloromethane	<0.18		50.0	35.1		ug/L		70	50 - 134	4	20
cis-1,2-Dichloroethene	4.8		50.0	49.1		ug/L		89	70 - 120	5	20
cis-1,3-Dichloropropene	<0.18		53.8	49.3		ug/L		92	70 - 120	3	20
Dibromochloromethane	<0.32		50.0	46.6		ug/L		93	70 - 120	4	20
Dibromomethane	<0.33		50.0	43.3		ug/L		87	70 - 120	4	20
Dichlorodifluoromethane	<0.20		50.0	28.1		ug/L		56	40 - 140	6	20
Ethylbenzene	<0.13		50.0	45.3		ug/L		91	75 - 120	5	20
Hexachlorobutadiene	<0.26		50.0	48.4		ug/L		97	70 - 135	3	20
Isopropylbenzene	<0.14		50.0	44.0		ug/L		88	70 - 120	4	20
Methyl tert-butyl ether	<0.24		50.0	49.4		ug/L		99	58 - 122	1	20
Methylene Chloride	<0.68		50.0	42.0		ug/L		84	65 - 125	3	20
Naphthalene	<0.16		50.0	51.3		ug/L		103	55 - 132	1	20
n-Butylbenzene	<0.13		50.0	45.4		ug/L		91	75 - 120	4	20
N-Propylbenzene	<0.13		50.0	43.0		ug/L		86	70 - 120	3	20
p-Isopropyltoluene	<0.17		50.0	43.0		ug/L		86	70 - 120	4	20
sec-Butylbenzene	<0.15		50.0	43.7		ug/L		87	70 - 120	4	20
Styrene	<0.10		50.0	46.6		ug/L		93	75 - 120	4	20
tert-Butylbenzene	<0.14		50.0	43.9		ug/L		88	70 - 120	4	20
Tetrachloroethene	<0.17		50.0	45.2		ug/L		90	70 - 123	3	20
Toluene	<0.11		50.0	44.2		ug/L		88	70 - 120	5	20
trans-1,2-Dichloroethene	<0.25		50.0	44.6		ug/L		89	70 - 124	3	20
trans-1,3-Dichloropropene	<0.21		48.6	47.6		ug/L		98	70 - 120	4	20
Trichloroethene	<0.19		50.0	44.7		ug/L		89	70 - 120	4	20
Trichlorofluoromethane	<0.19		50.0	48.5		ug/L		97	63 - 134	3	20
Vinyl chloride	<0.10		50.0	42.1		ug/L		84	62 - 138	3	20
Xylenes, Total	<0.068		150	133		ug/L		89	70 - 120	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 125*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*
Dibromofluoromethane	*97*		*75 - 120*
Toluene-d8 (Surr)	*99*		*75 - 120*

Lab Sample ID: MB 500-179542/6
Matrix: Water
Analysis Batch: 179542

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/12/13 00:07	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/12/13 00:07	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/12/13 00:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-179542/6
Matrix: Water
Analysis Batch: 179542

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/12/13 00:07	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/12/13 00:07	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/12/13 00:07	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/12/13 00:07	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/12/13 00:07	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/12/13 00:07	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/12/13 00:07	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/12/13 00:07	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/12/13 00:07	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/12/13 00:07	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/12/13 00:07	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/12/13 00:07	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/12/13 00:07	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/12/13 00:07	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/13 00:07	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/12/13 00:07	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/13 00:07	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/12/13 00:07	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/12/13 00:07	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/12/13 00:07	1
Benzene	<0.074		0.50	0.074	ug/L			03/12/13 00:07	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/12/13 00:07	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/12/13 00:07	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/12/13 00:07	1
Bromoform	<0.28		1.0	0.28	ug/L			03/12/13 00:07	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/12/13 00:07	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/13 00:07	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/13 00:07	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/12/13 00:07	1
Chloroform	<0.20		1.0	0.20	ug/L			03/12/13 00:07	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/12/13 00:07	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/12/13 00:07	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/12/13 00:07	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/12/13 00:07	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/12/13 00:07	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/12/13 00:07	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/12/13 00:07	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/12/13 00:07	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/12/13 00:07	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/12/13 00:07	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/12/13 00:07	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/12/13 00:07	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/12/13 00:07	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/12/13 00:07	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/12/13 00:07	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/12/13 00:07	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/12/13 00:07	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/13 00:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-179542/6
Matrix: Water
Analysis Batch: 179542

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/12/13 00:07	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/12/13 00:07	1
Toluene	<0.11		0.50	0.11	ug/L			03/12/13 00:07	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/12/13 00:07	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/12/13 00:07	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/12/13 00:07	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/12/13 00:07	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/12/13 00:07	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/12/13 00:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 125*		*03/12/13 00:07*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*03/12/13 00:07*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*03/12/13 00:07*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*03/12/13 00:07*	*1*

Lab Sample ID: LCS 500-179542/4
Matrix: Water
Analysis Batch: 179542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	46.8		ug/L		94	75 - 120
1,1,1-Trichloroethane	50.0	46.5		ug/L		93	70 - 123
1,1,2,2-Tetrachloroethane	50.0	45.6		ug/L		91	70 - 128
1,1,2-Trichloroethane	50.0	42.5		ug/L		85	69 - 120
1,1-Dichloroethane	50.0	43.9		ug/L		88	68 - 121
1,1-Dichloroethene	50.0	40.4		ug/L		81	58 - 122
1,1-Dichloropropene	50.0	43.1		ug/L		86	70 - 120
1,2,3-Trichlorobenzene	50.0	46.9		ug/L		94	56 - 137
1,2,3-Trichloropropane	50.0	44.2		ug/L		88	70 - 120
1,2,4-Trichlorobenzene	50.0	42.8		ug/L		86	65 - 121
1,2,4-Trimethylbenzene	50.0	44.8		ug/L		90	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	46.9		ug/L		94	60 - 121
1,2-Dibromoethane	50.0	44.8		ug/L		90	70 - 120
1,2-Dichlorobenzene	50.0	42.5		ug/L		85	75 - 120
1,2-Dichloroethane	50.0	41.7		ug/L		83	69 - 120
1,2-Dichloropropane	50.0	43.8		ug/L		88	70 - 120
1,3,5-Trimethylbenzene	50.0	46.2		ug/L		92	75 - 123
1,3-Dichlorobenzene	50.0	40.9		ug/L		82	70 - 120
1,3-Dichloropropane	50.0	43.4		ug/L		87	70 - 120
1,4-Dichlorobenzene	50.0	44.0		ug/L		88	75 - 120
2,2-Dichloropropane	50.0	49.3		ug/L		99	67 - 125
2-Chlorotoluene	50.0	40.6		ug/L		81	70 - 120
4-Chlorotoluene	50.0	41.5		ug/L		83	70 - 120
Benzene	50.0	42.3		ug/L		85	70 - 120
Bromobenzene	50.0	44.5		ug/L		89	70 - 120
Bromochloromethane	50.0	47.3		ug/L		95	67 - 122
Bromodichloromethane	50.0	42.6		ug/L		85	70 - 120

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-179542/4
Matrix: Water
Analysis Batch: 179542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	50.0	50.0		ug/L		100	70 - 125
Bromomethane	50.0	36.4		ug/L		73	50 - 150
Carbon tetrachloride	50.0	45.8		ug/L		92	70 - 125
Chlorobenzene	50.0	41.8		ug/L		84	70 - 120
Chloroethane	50.0	42.3		ug/L		85	50 - 150
Chloroform	50.0	45.1		ug/L		90	70 - 120
Chloromethane	50.0	34.4		ug/L		69	50 - 134
cis-1,2-Dichloroethene	50.0	44.6		ug/L		89	70 - 120
cis-1,3-Dichloropropene	53.8	48.1		ug/L		90	70 - 120
Dibromochloromethane	50.0	44.3		ug/L		89	70 - 120
Dibromomethane	50.0	42.0		ug/L		84	70 - 120
Dichlorodifluoromethane	50.0	28.0		ug/L		56	40 - 140
Ethylbenzene	50.0	43.5		ug/L		87	75 - 120
Hexachlorobutadiene	50.0	45.8		ug/L		92	70 - 135
Isopropylbenzene	50.0	42.3		ug/L		85	70 - 120
Methyl tert-butyl ether	50.0	50.6		ug/L		101	58 - 122
Methylene Chloride	50.0	41.9		ug/L		84	65 - 125
Naphthalene	50.0	49.5		ug/L		99	55 - 132
n-Butylbenzene	50.0	42.8		ug/L		86	75 - 120
N-Propylbenzene	50.0	40.9		ug/L		82	70 - 120
p-Isopropyltoluene	50.0	40.9		ug/L		82	70 - 120
sec-Butylbenzene	50.0	42.1		ug/L		84	70 - 120
Styrene	50.0	44.5		ug/L		89	75 - 120
tert-Butylbenzene	50.0	42.2		ug/L		84	70 - 120
Tetrachloroethene	50.0	42.5		ug/L		85	70 - 123
Toluene	50.0	42.9		ug/L		86	70 - 120
trans-1,2-Dichloroethene	50.0	43.8		ug/L		88	70 - 124
trans-1,3-Dichloropropene	48.6	46.6		ug/L		96	70 - 120
Trichloroethene	50.0	42.3		ug/L		85	70 - 120
Trichlorofluoromethane	50.0	47.1		ug/L		94	63 - 134
Vinyl chloride	50.0	41.4		ug/L		83	62 - 138
Xylenes, Total	150	125		ug/L		83	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 125*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*
Dibromofluoromethane	*93*		*75 - 120*
Toluene-d8 (Surr)	*93*		*75 - 120*

Lab Chronicle

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: PZ-9
Lab Sample ID: 500-54931-1
Date Collected: 02/28/13 09:15
Matrix: Water
Date Received: 03/05/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179512	03/11/13 15:41	JP	TAL CHI
Total/NA	Analysis	8260B	DL	10	179512	03/11/13 16:08	JP	TAL CHI

Client Sample ID: MW-9
Lab Sample ID: 500-54931-2
Date Collected: 02/28/13 09:30
Matrix: Water
Date Received: 03/05/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179512	03/11/13 16:36	JP	TAL CHI

Client Sample ID: PZ-8
Lab Sample ID: 500-54931-3
Date Collected: 02/28/13 09:45
Matrix: Water
Date Received: 03/05/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179512	03/11/13 17:03	JP	TAL CHI

Client Sample ID: MW-8
Lab Sample ID: 500-54931-4
Date Collected: 02/28/13 10:00
Matrix: Water
Date Received: 03/05/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179512	03/11/13 17:29	JP	TAL CHI

Client Sample ID: PZ-5
Lab Sample ID: 500-54931-5
Date Collected: 02/28/13 10:15
Matrix: Water
Date Received: 03/05/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179512	03/11/13 17:56	JP	TAL CHI

Client Sample ID: MW-5
Lab Sample ID: 500-54931-6
Date Collected: 02/28/13 10:30
Matrix: Water
Date Received: 03/05/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179512	03/11/13 18:22	JP	TAL CHI

Lab Chronicle

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: B-12

Lab Sample ID: 500-54931-7

Date Collected: 02/28/13 10:45
Matrix: Water
Date Received: 03/05/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179512	03/11/13 18:49	JP	TAL CHI

Client Sample ID: B-11

Lab Sample ID: 500-54931-8

Date Collected: 02/28/13 11:00
Matrix: Water
Date Received: 03/05/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179512	03/11/13 19:16	JP	TAL CHI

Client Sample ID: Large Sump

Lab Sample ID: 500-54931-9

Date Collected: 02/28/13 11:15
Matrix: Water
Date Received: 03/05/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179512	03/11/13 19:42	JP	TAL CHI

Client Sample ID: PZ-10

Lab Sample ID: 500-54931-10

Date Collected: 02/28/13 12:15
Matrix: Water
Date Received: 03/05/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179512	03/11/13 20:09	JP	TAL CHI

Client Sample ID: MW-10

Lab Sample ID: 500-54931-11

Date Collected: 02/28/13 12:30
Matrix: Water
Date Received: 03/05/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179542	03/12/13 01:00	BBS	TAL CHI

Client Sample ID: East Sump Discharge

Lab Sample ID: 500-54931-12

Date Collected: 03/01/13 06:00
Matrix: Water
Date Received: 03/05/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179542	03/12/13 01:27	BBS	TAL CHI

Lab Chronicle

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Client Sample ID: Trip Blank
Date Collected: 02/28/13 00:00
Date Received: 03/05/13 10:20

Lab Sample ID: 500-54931-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179542	03/12/13 00:34	BBS	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Certification Summary

Client: Short Elliott Hendrickson, Inc. dba SEH
Project/Site: Mirro Plant #20, Chilton

TestAmerica Job ID: 500-54931-1

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-13
California	NELAP	9	01132CA	04-30-13
Georgia	State Program	4	N/A	04-30-13
Georgia	State Program	4	939	04-30-13
Hawaii	State Program	9	N/A	04-30-13
Illinois	NELAP	5	100201	04-30-13
Indiana	State Program	5	C-IL-02	04-30-13
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-11-13
Louisiana	NELAP	6	30720	06-30-13
Massachusetts	State Program	1	M-IL035	06-30-13
Mississippi	State Program	4	N/A	04-30-13
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-13
Oklahoma	State Program	6	8908	08-31-13
South Carolina	State Program	4	77001	04-30-13
Texas	NELAP	6	T104704252-09-TX	02-28-14
USDA	Federal		P330-12-00038	02-06-15
Virginia	NELAP	3	460142	06-14-13
Wisconsin	State Program	5	999580010	08-31-13
Wyoming	State Program	8	8TMS-Q	04-30-13

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Chain of Custody Record

Lab Job #: 500-54931

Chain of Custody Number:

Page 1 of 2

Temperature °C of Cooler: 3.9 c

Report To (optional)		Bill To (optional)	
Contact:	Jason Martin	Contact:	
Company:	SEH Inc	Company:	
Address:	421 Frenette Dr	Address:	
Address:	Chippewa Falls, WI	Address:	
Phone:	715.720.6200	Phone:	
Fax:	715.720.6300	Fax:	
E-Mail:	jmartin@sehinc.com	PO#/Reference#	

Client: SEH	Client Project #:	Preservative:	
Project Name: MIRRO PLANT #20, CHILTON		Parameter:	VOCs
Project Location/State: WI	Lab Project #:		
Sampler: JEG	Lab PM:		

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs	Comments
1		PZ-9	2-28-13	9:15	3	W	✓	
2		MW-9		9:30	3	W	✓	
3		PZ-8		9:45	3	W	✓	
4		MW-8		10:00	3	W	✓	
5		PZ-5		10:15	3	W	✓	
6		MW-5		10:30	3	W	✓	
7		B-12		10:45	3	W	✓	
8		B-11		11:00	3	W	✓	
9		LARGE SUMP		11:15	3	W	✓	
10		PZ-10		12:15	3	W	✓	

Turnaround Time Required (Business Days)
___1 Day ___2 Days ___5 Days ___7 Days ___10 Days ___15 Days _____Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	SEH	3-04-13	9:30	[signature]	TestAmerica	03/05/13	1020

Lab Courier
Shipped
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TAL-4124-500 (1209)

3/12/2013

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

(optional)
Report To
Contact:
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-54931
Chain of Custody Number:
Page 2 of 2
Temperature °C of Cooler: 3.9c

Client: SEH
Client Project #:
Project Name: MIRRO PLANT #20 Chilton
Project Location/State: WI
Lab Project #:
Sampler: JKG
Lab PM:

Preservative / Parameter: VOCs

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs	Comments
11		MW-10	2-28-13	12:30	3	W	✓	
12		East Sump Discharge	3-01-13	6:00	3	W	✓	
13		Trip Blank			1	W	✓	

Turnaround Time Required (Business Days)
___1 Day ___2 Days ___5 Days ___7 Days ___10 Days ___15 Days _____Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
John E. Kelly	SEH Inc.	3-04-13	9:30		TestAmer	03/05/13	1020
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier
Shipped
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TAL-4124-500 (1209)

Login Sample Receipt Checklist

Client: Short Elliott Hendrickson, Inc. dba SEH

Job Number: 500-54931-1

Login Number: 54931

List Source: TestAmerica Chicago

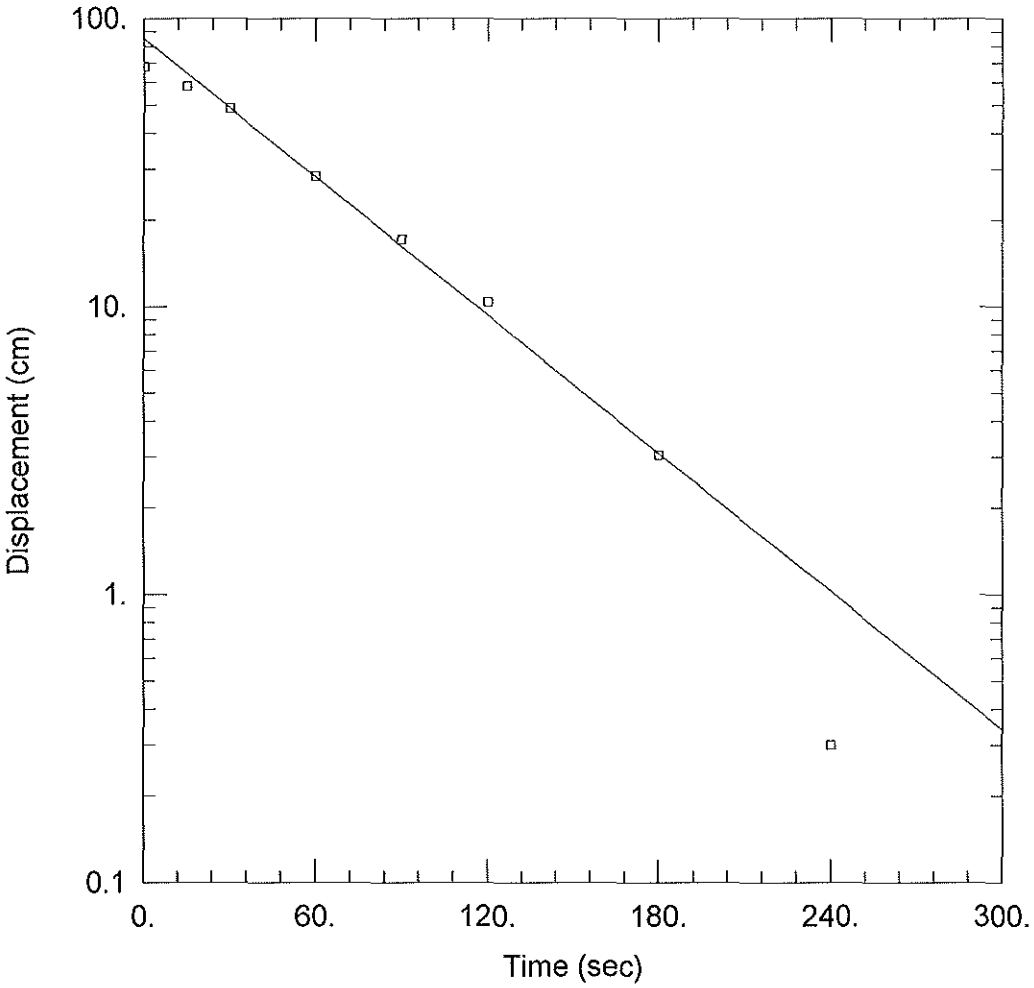
List Number: 1

Creator: Kelsey, Shawn M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.9c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Appendix C

Slug Test Data



WELL TEST ANALYSIS

Data Set: C:\Users\jguhl\chiltonpz5.aqt
Date: 04/22/13 Time: 09:41:46

PROJECT INFORMATION

Company: SEH
Client: Newell Rubbermaid
Project: NERUB0502.01
Location: Chilton, WI
Test Well: PZ-5
Test Date: 2/27/2013

AQUIFER DATA

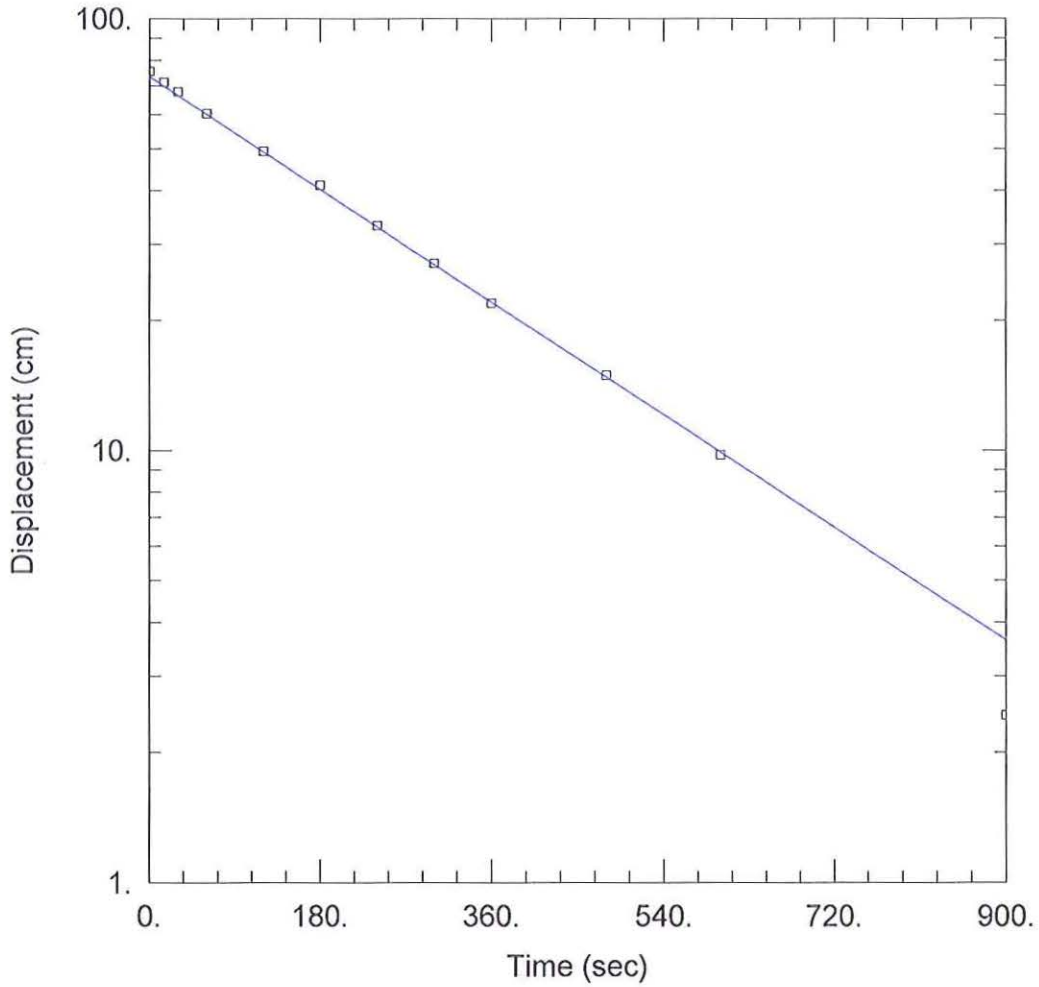
Saturated Thickness: 800. cm Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (New Well)

Initial Displacement: 68. cm
Total Well Penetration Depth: 600. cm
Casing Radius: 2.54 cm
Static Water Column Height: 765. cm
Screen Length: 150. cm
Well Radius: 10.4 cm

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0008409 cm/sec
y0 = 85.28 cm



WELL TEST ANALYSIS

Data Set: C:\Users\jguhl\chiltonpz8.aqt
Date: 04/22/13 Time: 10:17:05

PROJECT INFORMATION

Company: SEH
Client: Newell Rubbermaid
Project: NERUB0502.01
Location: Chilton, WI
Test Well: PZ-8
Test Date: 2/28/2013

AQUIFER DATA

Saturated Thickness: 700. cm Anisotropy Ratio (Kz/Kr): 1.

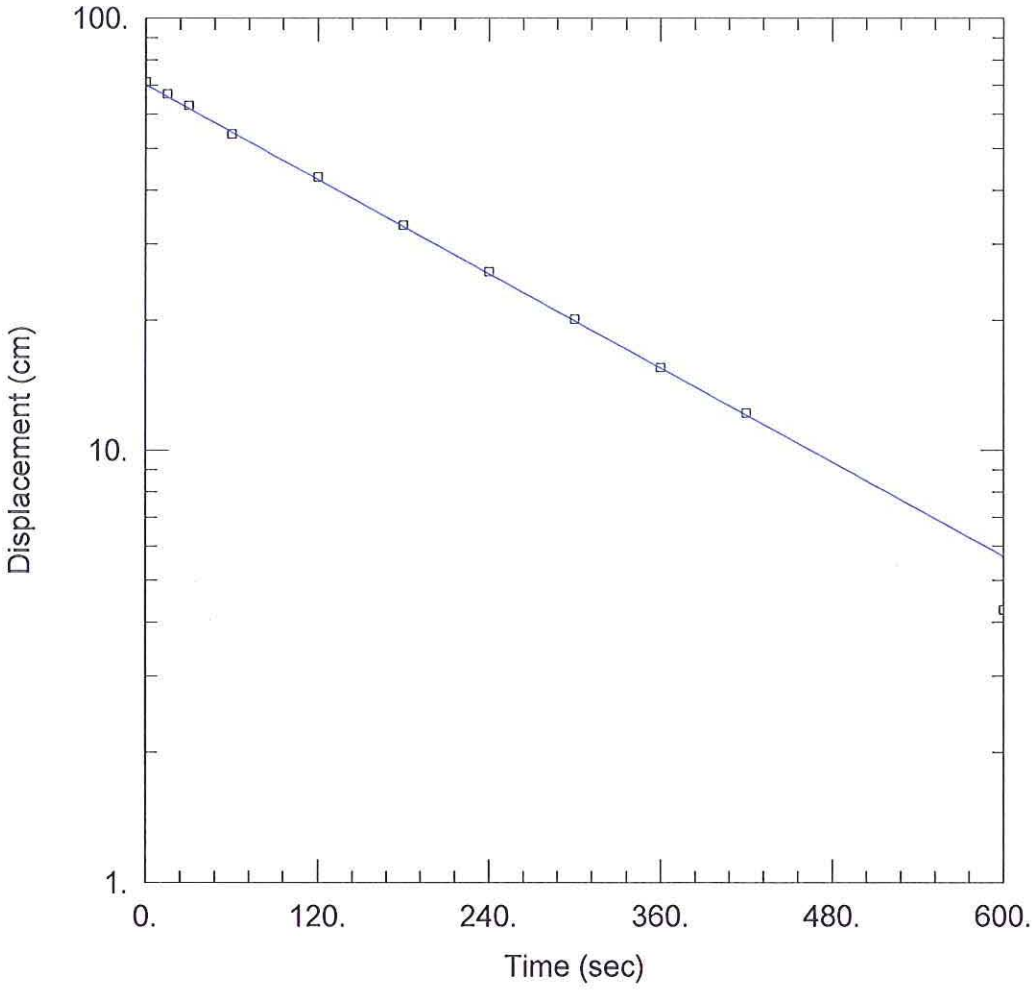
WELL DATA (New Well)

Initial Displacement: 75.5 cm
Total Well Penetration Depth: 150. cm
Casing Radius: 2.54 cm
Static Water Column Height: 700. cm
Screen Length: 150. cm
Well Radius: 10.4 cm

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.0001134 cm/sec y0 = 73.54 cm



WELL TEST ANALYSIS

Data Set: C:\Users\jguhl\chiltonpz10.aqt
Date: 04/22/13 Time: 09:26:59

PROJECT INFORMATION

Company: SEH
Client: Newell Rubbermaid
Project: NERUB0502.01
Location: Chilton, WI
Test Well: PZ-10
Test Date: 2/27/2013

AQUIFER DATA

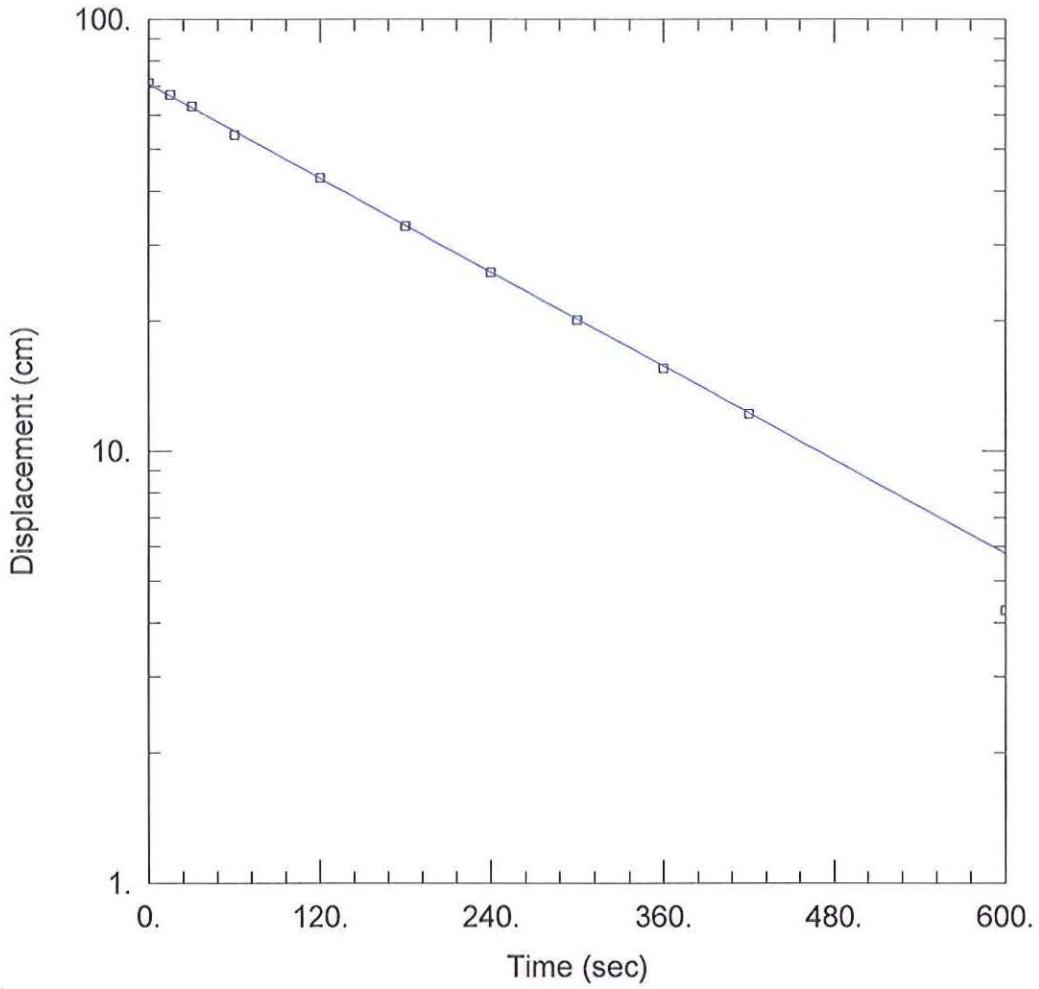
Saturated Thickness: 700. cm Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (New Well)

Initial Displacement: 71.1 cm
Total Well Penetration Depth: 600. cm
Casing Radius: 2.54 cm
Static Water Column Height: 700. cm
Screen Length: 150. cm
Well Radius: 10.4 cm

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0001971 cm/sec
y0 = 70.12 cm



WELL TEST ANALYSIS

Data Set: C:\Users\jguhl\chiltonpz10.aqt
Date: 03/05/13 Time: 13:27:25

PROJECT INFORMATION

Company: SEH
Client: Newell Rubbermaid
Project: NERUB0502.01
Location: Chilton, WI
Test Well: PZ-10
Test Date: 2/27/2013

AQUIFER DATA

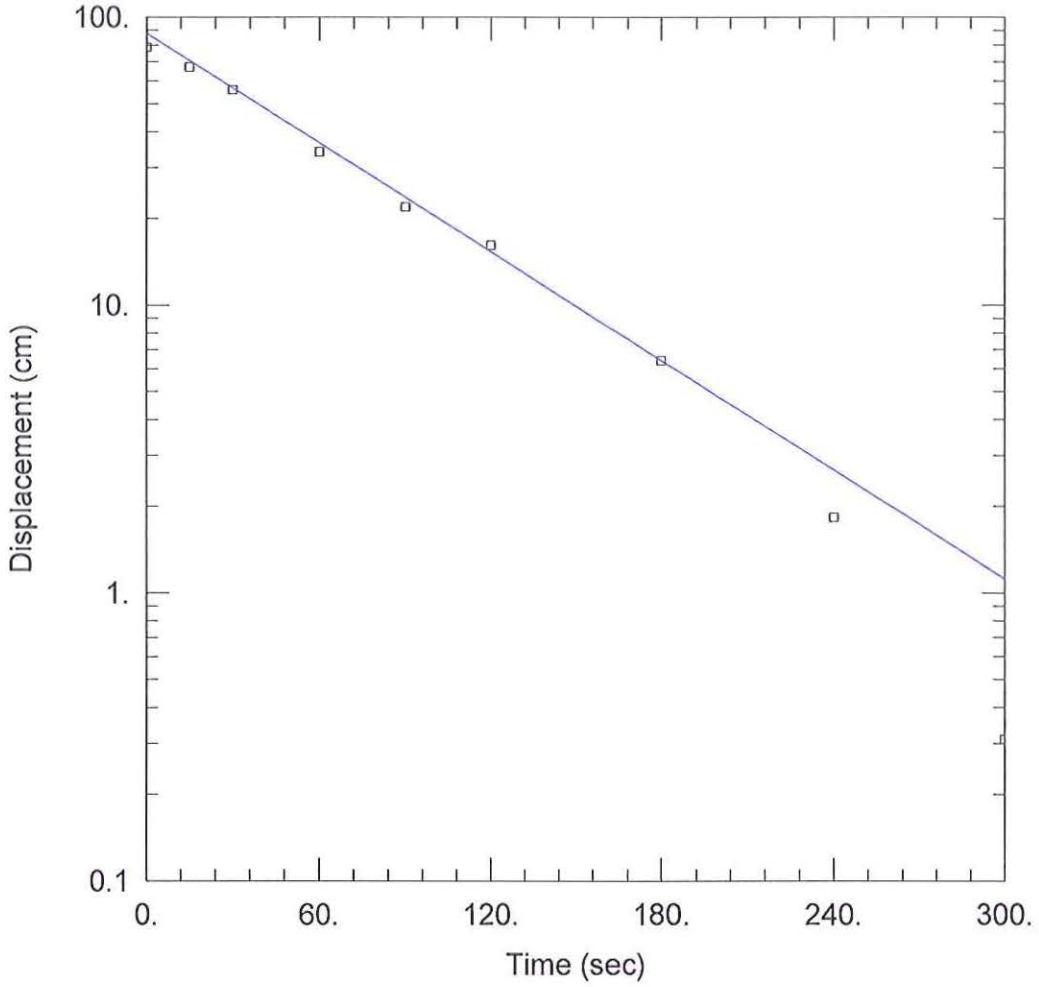
Saturated Thickness: 600. cm Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (New Well)

Initial Displacement: 71.1 cm
Total Well Penetration Depth: 600. cm
Casing Radius: 2.54 cm
Static Water Column Height: 600. cm
Screen Length: 150. cm
Well Radius: 2.54 cm

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0003569 cm/sec
y0 = 70.83 cm



WELL TEST ANALYSIS

Data Set: C:\Users\jguhl\chiltonmw5.aqt
Date: 04/22/13 Time: 09:44:59

PROJECT INFORMATION

Company: SEH
Client: Newell Rubbermaid
Project: NERUB0502.01
Location: Chilton, WI
Test Well: MW-5
Test Date: 2/27/2013

AQUIFER DATA

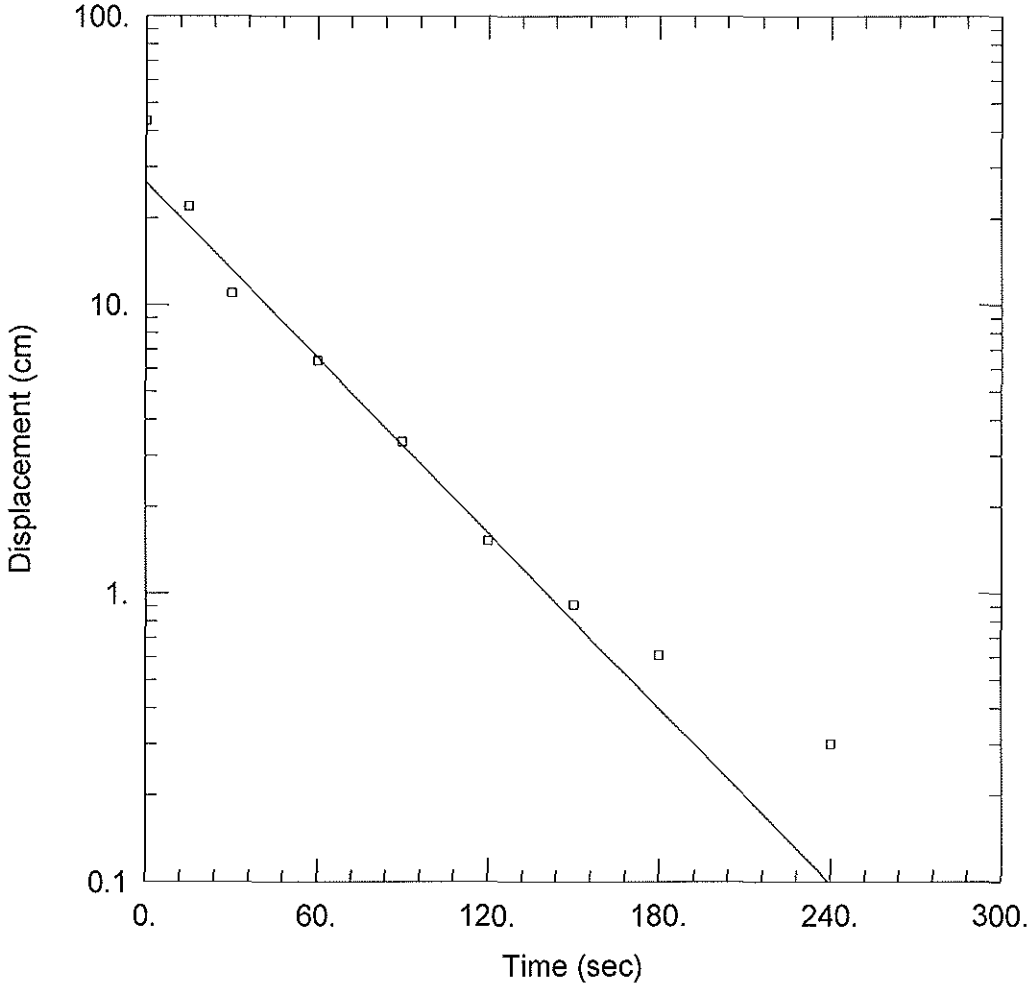
Saturated Thickness: 800. cm Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (New Well)

Initial Displacement: 78.5 cm
Total Well Penetration Depth: 304.8 cm
Casing Radius: 2.54 cm
Static Water Column Height: 286. cm
Screen Length: 304.8 cm
Well Radius: 10.4 cm

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0003346 cm/sec
y0 = 88.19 cm



WELL TEST ANALYSIS

Data Set: C:\Users\jguhl\chiltonmw8.aqt
Date: 04/22/13 Time: 09:33:24

PROJECT INFORMATION

Company: SEH
Client: Newell Rubbermaid
Project: NERUB0502.01
Location: Chilton, WI
Test Well: MW-8
Test Date: 2/27/2013

AQUIFER DATA

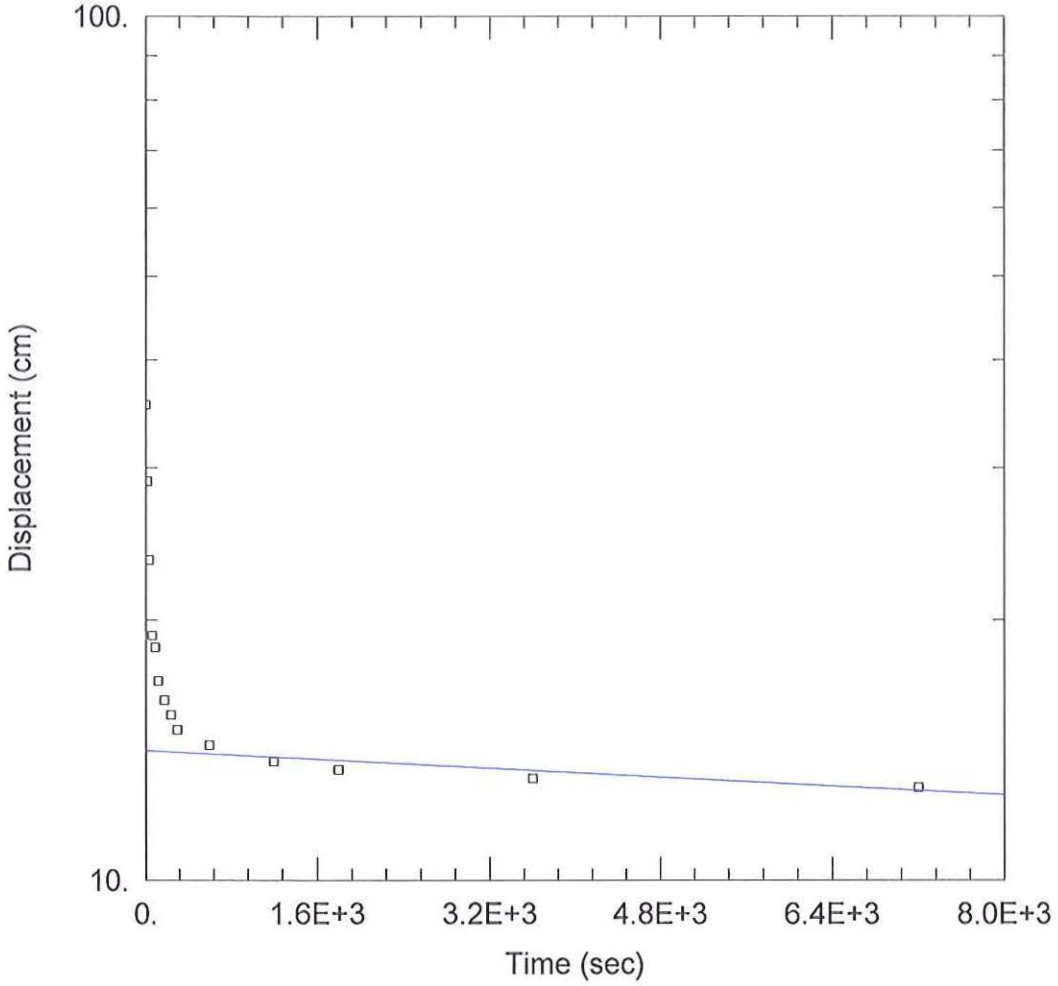
Saturated Thickness: 700. cm Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-8)

Initial Displacement: 43.5 cm
Total Well Penetration Depth: 304.8 cm
Casing Radius: 2.54 cm
Static Water Column Height: 215. cm
Screen Length: 304.8 cm
Well Radius: 10.4 cm

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0005402 cm/sec
y0 = 26.69 cm



WELL TEST ANALYSIS

Data Set: C:\Users\jguhl\chiltonmw9.aqt
Date: 04/22/13 Time: 10:23:20

PROJECT INFORMATION

Company: SEH
Client: Newell Rubbermaid
Project: NERUB0502.01
Location: Chilton, WI
Test Well: MW-9
Test Date: 2/27/2013

AQUIFER DATA

Saturated Thickness: 220. cm Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-9)

Initial Displacement: 35.5 cm
Total Well Penetration Depth: 304.8 cm
Casing Radius: 2.54 cm
Static Water Column Height: 175. cm
Screen Length: 304.8 cm
Well Radius: 10.4 cm

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 3.977E-7 cm/sec
y0 = 14.14 cm