



Comprehensive Site Investigation Report

Former Mirro Plant No. 20

Chilton, Wisconsin

WDNR BRRTS No. 06-08-426946, 02-08-520157, and 07-08-402366
NERUB 137916 | December 31, 2019



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December 31, 2019

RE: Former Mirro Plant No. 20
Comprehensive Site Investigation Report
Chilton, Wisconsin
WDNR BRRT No. 06-08-426946, 02-08-
520157, and 07-08-402366
SEH No. NERUB 137916 4.00

Mr. Kevin McKnight, Hydrogeologist
Wisconsin Department of Natural Resources
625 County Road Y, Suite 700
Oshkosh, WI 54901-9731

Dear Mr. McKnight:

On behalf of Newell Brands (Newell), Short Elliott Hendrickson Inc. (SEH®) has compiled Site Investigation (SI) data from past site investigation activities at the Former Mirro Plant No. 20 property (site) into one comprehensive document. This effort was required by Wisconsin Department of Natural Resources (WDNR) in order for the WDNR closure committee to complete a review of site closure documentation. The site is currently enrolled in the WDNR's Voluntary Party Liability Exemption (VPLE) Program. The desired response by WDNR is acceptance of this comprehensive SI report, and then use of this document during site closure review. Existing SI report documents compiled herein include:

- Phase II Environmental Site Assessment (TEMCO, 2002),
- Phase I and Phase II Environmental Site Assessments (TEMCO, 2003),
- Site Investigation Report (SEH, 2006),
- Additional Site Investigation Report (SEH, 2008),
- Third Phase Site Investigation Report (SEH, 2011),
- Supplemental Site Investigation Report (SEH, 2013), and,
- PFOA/PFOS Groundwater Sample Results (SEH, 2018).

It should be noted that the information provided in this Comprehensive SI Report consists of historic data previously submitted to WDNR, and no new data is provided in this report. In addition, many supporting documents (laboratory analytical packages, borehole documentation, etc.) have been previously submitted to WDNR and are not redundantly included in this document. We trust the information provided in this Comprehensive SI Report meets the WDNR's needs for all SI information to be provided in one document in order to complete site closure review. A check for \$700 is included to cover WDNR review and SI approval costs. Please contact me at 715.720.6244 if you have any questions related to the Comprehensive SI report.

Sincerely,

A handwritten signature in black ink that reads "Bruce K. Olson".

Bruce K. Olson, PE

Principal

Lic. In WI, IL, IN

hh/MRL/BKO/llb

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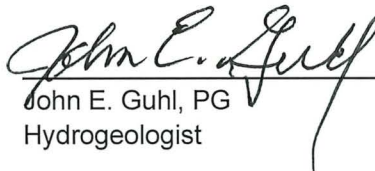
Comprehensive Site Investigation Report

Former Mirro Plant No. 20
Chilton, Wisconsin

Prepared for:
Newell Brands
Atlanta, Georgia


Prepared by:
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I, John E. Guhl, PG, hereby certify that I am a Hydrogeologist as that term is defined in s. NR 712.03(1) 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.

 #120-013 12-31-2019

John E. Guhl, PG PG No. 120 Date
Hydrogeologist

I, Bruce K. Olson, PE, 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.

 12/31/19

Bruce K. Olson, PE PE No. 34737-006 Date
Principal



Distribution

No. of Copies	Sent to
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1	Kristin Holloway Jones Newell Operating Company 6655 Peachtree Dunwoody Rd Atlanta, GA 30328
1	Hudson Green Patriot Environmental Management, LLC. 2404 Brown Street Pottstown, PA 19464



Executive Summary

The Mirro Company manufactured aluminum and steel cookware products from the 1920's until 2001 at their former Plant No. 20 facility located at 44 Walnut Street in Chilton, Wisconsin. Environmental activities have occurred at the site since manufacturing ceased at the site, and the site was entered into the VPLE program based on early environmental results. Since then, multiple phases of Site Investigation (SI) have occurred at the site as documented in numerous past reports. As requested by the Wisconsin Department of Natural Resources (WDNR), the purpose of this document is to summarize all past submitted SI reports.

The following historic SI documents were reviewed by SEH and summarized in this comprehensive SI report

- Phase II Environmental Site Assessment (TEMCO, 2002),
- Phase I and Phase II Environmental Site Assessments (TEMCO, 2003),
- Site Investigation Report (SEH, 2006),
- Additional Site Investigation Report (SEH, 2008),
- Third Phase Site Investigation Report (SEH, 2011),
- Supplemental Site Investigation Report (SEH, 2013), and,
- PFOA/PFOS Groundwater Sample Results (SEH, 2018).

Some historic Phase II SI information performed by TEMCO in the early 2000s was not available (Groundwater information from wells MW-1 thru MW-4 installed by TEMCO, potential other SI information), and is not included in this document.

Multiple Phase I and Phase II ESAs/SIs have been conducted at the site. Historically known or suspected source areas of environmental impacts to site soils and groundwater have been controlled or removed. The historic SI efforts at the site revealed limited soils contamination at several locations. Two isolated areas of arsenic soils contamination were remediated through excavation and offsite disposal. No direct contact RCL exceedances remain at the site following the arsenic remediation.

Multiple rounds of groundwater samples were collected during the various SI activities at the site. Groundwater at the site flows generally from south to north. An up gradient source area (Larson Cleaners) of chlorinated volatile organic compound (VOC) impacts is located approximately 300 feet south from the site. Several groundwater pathway RCLs were exceeded at isolated sampling locations on the former Mirro property for several parameters; however, groundwater does not appear to have been impacted by these isolated areas where groundwater pathway RCLs were exceeded. For over a decade, the only ES or PAL exceedances from site groundwater sampling were for chlorinated VOCs originating at the Larson Cleaners site. At the request of WDNR in 2018, site groundwater was also analyzed for concentrations of PFOAs and PFOSs, the concentrations of which were well below the proposed WDNR standard for these compounds, and no evidence has been identified of these compounds originating on the subject property.

The property is currently enrolled in the WDNR VPLE program. Based on the SI history of the site, SEH recommends the site be officially closed by WDNR.

Contents

Letter of Transmittal
Certification Page
Distribution
Contents

1	Introduction	1
1.1	List of Contacts.....	1
2	Background	2
3	Physiographical and Geological Setting.....	2
3.1	Topography/Surface Drainage.....	2
3.2	Geology	2
3.3	Hydrogeology	3
4	Potential Migration Pathways and Receptors.....	4
5	Past Site Investigations.....	4
5.1	Field Investigation - Mirro Plant No. 20 Chilton, Wisconsin Phase II Environmental Site Assessment (TEMCO, August 2002).....	4
5.2	Field Investigation - Former Mirro Plant No. 20, Chilton, Wisconsin, Phase I and Phase II Environmental Site Assessments (TEMCO, May 2003)	5
5.3	Field Investigation - Mirro Plant No. 20 Chilton, Wisconsin Phase II Environmental Site Assessment (TEMCO, May 2003).....	5
5.4	Field Investigation - Former Mirro Plant No. 20 Site Investigation Report (SEH, August 2006).....	5
5.5	Field Investigation - Former Mirro Plant No. 20 Additional Site Investigation Report (SEH, September 2008)	6
5.6	Field Investigation - Former Mirro Plant No. 20 Third Stage Site Investigation Report (SEH, January 2011)	6
5.7	Field Investigation - Former Mirro Plant No. 20 Supplemental Site Investigation Report (SEH, July 2013).....	7
5.8	Field Investigation - Former Mirro Plant No. 20 PFOA and PFOS Groundwater Analytical Results (SEH, September 2018)	7
6	Past Investigation Results	8
6.1	Investigation Results - Mirro Plant No. 20 Chilton, Wisconsin Phase II Environmental Site Assessment (TEMCO, August 2002).....	8
6.2	Investigation Results - Former Mirro Plant No. 20, Chilton, Wisconsin, Phase I and Phase II Environmental Site Assessments (TEMCO, May 2003)	8

Contents (continued)

6.3	Investigation Results - Mirro Plant No. 20 Chilton, Wisconsin Phase II Environmental Site Assessment (TEMCO, May 2003)	9
6.4	Investigation Results - Former Mirro Plant No. 20 Site Investigation Report (SEH, August 2006)	9
6.5	Investigation Results - Former Mirro Plant No. 20 Additional Site Investigation Report (SEH, September 2008)	10
6.6	Investigation Results - Former Mirro Plant No. 20 Third Stage Site Investigation Report (SEH, January 2011)	11
6.7	Investigation Results - Former Mirro Plant No. 20 Supplemental Site Investigation Report (SEH, July 2013).....	12
6.8	Investigation Results - Former Mirro Plant No. 20 PFOA and PFOS Groundwater Analytical Results (SEH, September 2018)	13
7	Discussion	14
7.1	Soils	14
7.2	Groundwater	15
7.3	Off Site Source	15
8	Conclusions and Recommendations	16
9	Standard of Care	17
10	References	17

List of Tables

Table 1 – Groundwater Analytical Results

Table 2 – Soils Analytical Results

Table 3 – Residual Soils Contamination

List of Figures

Figure 1 – TEMCO Soil Boring Locations

Figure 2 – Site Location

Figure 3 – Site Plan

Figure 4 – Excavation Limits

Figure 5 – Residual Soil Contamination

Figure 6 – Geologic Cross Sections (2 Figures)

Figure 7 – Estimated Extent of Groundwater Contamination

Figure 8 – Groundwater Contours (7 Figures)

Figure 9 – Site Features

Comprehensive Site Investigation Report

Former Mirro Plant No. 20

Prepared for Newell Brands

1 Introduction

On behalf of Newell Brands (Newell), Short Elliott Hendrickson Inc. (SEH®) is submitting this Comprehensive Site Investigation Report to the Wisconsin Department of Natural Resources (WDNR) for the Former Mirro Plant No. 20 facility (site) located at 44 Walnut Street in Chilton, Wisconsin (BRRTS No. 06-08-426946, No. 02-08-520157, and No. 07-08-402366). The site is located in the NW 1/4 of Section 18, T18N, R20E in Calumet County, Wisconsin as depicted on attached Figure 2. It should be noted the figures presented in this comprehensive SI have been taken from multiple past documents. This report reiterates the results of past site investigation (SI) activities at the site. The SI information included in this report was either attained from SEH's existing files or was obtained from the WDNR BRRTS website. WDNR has required the past SI results be summarized into one document before review of site closure documents can be completed by the WDNR. No SI information not previously submitted to WDNR is included in this report. The site is currently enrolled in the Voluntary Party Liability Exemption (VPLE) program. SEH believes conditions for site closure in the VPLE program for this site will have been met upon approval of this SI by the WDNR.

1.1 List of Contacts

1.1.1 Responsible Party Information

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Atlanta, GA 30328
770.418.7000

1.1.2 Regulator Information

Kevin D. McKnight, Hydrogeologist
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1.1.3 Consultant Information

Bruce K Olson, PE, Principal
Short Elliott Hendrickson Inc.
10 North Bridge Street
Chippewa Falls, WI 54729

2 Background

Historic manufacturing activities at the former Mirro No. 20 facility consisted of production of aluminum, stainless steel, and steel cookware and bakeware products beginning in the 1920s and ending in 2001. Process operations historically included metal stamping, buffing, tin dipping, parts washing, welding, and applying spray-on coatings. The site has since been vacated by Mirro, and is now occupied by a firm utilizing the warehouse space for storage of agricultural products, and by a machine shop located in the southeast portion of the building. The basement of the building is typically vacant, although it is used for additional storage of agricultural products when space is needed.

Environmental work at the site has been ongoing in different phases since the early 2000's. During this timeframe, six phases of subsurface investigation were conducted resulting in six SI reports which were previously submitted to WDNR. The following reports are the source of data included in this Comprehensive SI Report.

- Phase II Environmental Site Assessment (TEMCO, 2002),
- Phase I and Phase II Environmental Site Assessments (TEMCO, 2003),
- Site Investigation Report (SEH, 2006),
- Additional Site Investigation Report (SEH, 2008),
- Third Phase Site Investigation Report (SEH, 2011),
- Supplemental Site Investigation Report (SEH, 2013), and,
- PFOA/PFOS Groundwater Sample Results (SEH, 2018).

An additional TEMCO 2003 Phase II ESA is listed on the WDNR BRRTS website, but this report was not available according to WDNR, and was not included in this Comprehensive SI. SEH assumes the historic data provided by others and included in this report is accurate and representative.

3 Physiographical and Geological Setting

Section 3.0 summarizes the physiographical and geological setting of the site, including topography, drainage, regional and local geology, and regional and local hydrogeology.

3.1 Topography/Surface Drainage

The topography of the site and vicinity is relatively flat. The area generally slopes gently to the west and northwest toward the Manitowoc River, which flows along the west and northwest property line. Surface elevation at the site is approximately 860 feet above mean sea level (MSL), as presented on Figure 2, "Site Location."

3.2 Geology

Geological conditions at and near the site are summarized in the following Sections 3.2.1 and 3.2.2.

3.2.1 Regional Geology

The Chilton area is underlain by glacial ground moraine deposits comprised of unstratified clays, silts, sand, gravel, and boulders (Skinner, 1973). Thickness of unconsolidated deposits in the

Chilton area is generally less than 50 feet (Skinner, 1973). Silurian aged dolomite bedrock underlies the unconsolidated deposits in the Chilton area (Ostrom, 1981). The Silurian dolomites are typically several hundred feet thick in Calumet County, and are underlain by the Ordovician aged Maquoketa Shale, which separates the Silurian deposits from a thick sequence of Ordovician and Cambrian aged sandstones and dolomites.

3.2.2 Local Geology

According to the United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) publication "Soil Survey of Calumet and Manitowoc Counties, Wisconsin (1980)," site soils have been classified as Lamartine (LmA) silt loam and Manawa (MbA) silt loam in the upper 20 inches of the soil profile. Generally, the LmA soils are located on the southern portion of the site, and the MbA soils are located on the northern portion of the site. These gently sloping, somewhat poorly drained soils, form 0 to 3 percent slopes generally in drainage ways or in till plains. The surficial layer (0 to 8 inches) generally consists of very dark brown to grayish-brown soils underlain by yellowish-brown to reddish-brown soils with depth. Permeability of these soils is moderate to slow.

The drilling program historically performed on the site during site investigations provided subsurface information at the site to a depth of 30 feet below ground surface (maximum depth penetrated during past SI activities). The site soils were classified in accordance with the Unified Soil Classification System (USCS). Fill soils consisting of sands with some gravels, gravels, and clays were encountered to depths ranging from 4.5 feet to 8 feet within the area of investigation. On the northern and western portions of the site, and beneath the site building, the fill soils are underlain by sand and silty sand deposits (likely alluvial deposits from the Manitowoc River). Soils underlying the fill on the southern and eastern portions of the site consist of lean clays and silts (likely ground moraine deposits). At some locations, the lean clay soils are underlain by sand and silty sand deposits. Bedrock was not encountered at the site during the subsurface investigation. Site geologic conditions are depicted on cross sections as presented on Figures 6.1 and 6.2, "Geologic Cross Sections".

3.3 Hydrogeology

Hydrogeological conditions at and near the site are summarized in the following Sections 3.3.1 and 3.3.2.

3.3.1 Regional Hydrogeology

The Chilton area is located in the "Eastern Drift - Paleozoic Hydrogeologic District" (Zaporozec, 1985). This district is typified by a deep high capacity Cambrian and Ordovician sandstone aquifer and a shallower Silurian dolomite aquifer separated by the Maquoketa shale confining layer. The Silurian dolomite aquifer is the primary municipal water supply aquifer in the eastern portion of the district, including the site vicinity. Unconsolidated sand and gravel aquifers in the district are quite discontinuous, and are often used as the primary water supply source where these deposits are found (often in buried bedrock valleys).

3.3.2 Local Hydrogeology

Ten shallow monitoring wells and four nested piezometers were installed at the site during the site investigations. In addition, five temporary screened standpipes were installed through the floor in the building basement. These groundwater monitoring points were utilized to assess

groundwater conditions, collect groundwater samples, and establish groundwater elevations and direction of groundwater flow at the site, and are depicted on Figure 3. Four surface water point elevations were also surveyed along the Manitowoc River, and were also used to assess site groundwater flow patterns. The shallow groundwater surface at the site was typically found approximately three to nine feet below ground surface during the site investigations. Direction of groundwater flow at the site is generally to the north/northeast at a horizontal hydraulic gradient of approximately 0.005 ft/ft, as depicted on Figures 8.1 through 8.7, "Groundwater Contours." Water level elevation data is provided on Table 1, "Groundwater Analytical Results."

4 Potential Migration Pathways and Receptors

Potential receptors of contamination are limited to the shallow groundwater at the site, and potentially the surface water of the Manitowoc River (it should be noted that the chlorinated volatile organic compounds identified in site groundwater have migrated to the site from the up gradient Larson Cleaners site). The past RCL exceedances for arsenic in shallow onsite soils have been remediated, so humans experiencing direct contact are no longer potential receptors of shallow impacted soils contamination.

Subsurface utility lines are not expected to act as preferential conduits for contaminant migration due to the relatively shallow depth to groundwater at the site, and the presence of granular soils at many site locations.

5 Past Site Investigations

Data from past site investigation documents are provided in the following sections for the purpose of providing the past site investigation data in one document as required by WDNR.

5.1 Field Investigation - Mirro Plant No. 20 Chilton, Wisconsin Phase II Environmental Site Assessment (TEMCO, August 2002)

In 2002, a Phase II Environmental Site Assessment (ESA) was conducted at the subject property by TEMCO based on the results of their earlier Phase I ESA for the site. The purpose of the Phase II ESA was to assess known areas of concern identified in the Phase I ESA. Phase II ESA activities were to characterize site soil and groundwater conditions, investigate various potential contaminant areas on the site, make recommendations for additional investigation (if required), and evaluate the need for soil and/or groundwater remediation.

Field work for the 2002 Phase II ESA included the following activities:

- Performance of twelve hydraulic probe borings to depths of between eight and twelve feet to assess subsurface soil conditions,
- Collection and analysis of seventeen soil samples for various analytical parameters.

Areas included in the assessment were an historic dust collection system, a former chrome and tin plating operation, three electric transformers, and the locations of former underground storage tanks (USTs) and above ground storage tanks (ASTs). Boring locations are depicted on the attached Figure 1, "TEMCO Soil Boring Locations."

5.2 Field Investigation - Former Mirro Plant No. 20, Chilton, Wisconsin, Phase I and Phase II Environmental Site Assessments (TEMCO, May 2003)

A May 2003 Phase I and Phase II ESA was submitted to WDNR by TEMCO. Much of the document provides Phase I ESA information for the site. Historic underground storage tank cleanout and abandonment information is provided in an appendix. Two 15,000 gallon fuel oil USTs were historically cleaned out and abandoned in place in 1996. Northern Environmental performed PID readings as well as soil sampling and analysis for concentrations of diesel range organics (DRO) during the UST abandonment process. No other Phase II ESA information was included in this document beyond the UST abandonment documentation. There are two handwritten notes on the document version stored on WDNR's BRRTS database stating that soil boring and monitoring well information were not provided in this report, and were included in a January 15, 2004 submittal to WDNR. The January 15, 2004 document(s) are not on the BRRTS database and were not made available to SEH. Therefore, that information is not included in this comprehensive SI report.

5.3 Field Investigation - Mirro Plant No. 20 Chilton, Wisconsin Phase II Environmental Site Assessment (TEMCO, May 2003)

A May 2003 Phase II ESA provided to WDNR as listed in the BRRTS database for the site was performed by a previous consultant (TEMCO). However, when SEH requested this information, it was unavailable from WDNR. Thus, field investigation information from the May 2003 TEMCO Phase II ESA could not be reviewed by SEH, and is not included in this report.

5.4 Field Investigation - Former Mirro Plant No. 20 Site Investigation Report (SEH, August 2006)

In 2006, SEH performed a SI of the subject property to assess degree and extent of apparent environmental impacts previously identified at the site, and to assess other areas of potential environmental concern. The 2006 SI was conducted in accordance with a 2005 WDNR reviewed work plan. Field work during the 2006 SI included the following:

- Installation of five groundwater monitoring wells (MW-5 through MW-9) and one nested piezometer (PZ-5). Soil sampling was also conducted during installation of these monitoring points,
- Completion of four hydraulic probe borings for soil sampling (B-1 through B-4) outside of the site building,
- Performance of nine shallow soil borings beneath the site building (B-5 through B-13, and B-5A),
- Installation of six shallow slotted pipes beneath the basement floor to serve as groundwater monitoring points at borings B-5, B-5A, B-6, B-9, B-11, and B-12,
- Collection of 23 soil samples for analysis at several locations outside the site building or below the building floor,
- Collection of two rounds of groundwater samples from 19 monitoring points for analysis,
- An assessment of a basement subfloor drainage system used to control groundwater from entering the basement, and,

- Site survey to determine locations and elevations of site monitoring points and boreholes.

The locations of the various soil borings and groundwater monitoring points completed during the 2006 SI are presented on Figure 3, "Site Plan."

5.5 Field Investigation - Former Mirro Plant No. 20 Additional Site Investigation Report (SEH, September 2008)

In 2008, SEH completed an additional SI on the site in response to WDNR request for additional investigation of remaining environmental concerns. Remaining concerns included investigation of deeper groundwater conditions, provide additional soil and groundwater conditions down gradient from the site building, collection of additional groundwater data, assessment of elevated arsenic concentrations, and, assessment of staining adjacent to a transformer pad. The following activities were performed by SEH during the 2008 additional SI:

- Installation of one monitoring well (MW-10) and two piezometers (PZ-9 and PZ-10),
- Collection and analysis of eleven soil samples along the west side of the building to assess arsenic concentrations and delineate extent of arsenic impacts,
- Collection and analysis of two soil samples adjacent to the transformer pad for PCB analysis,
- Collection of two shallow soil samples from the newly installed piezometers for analysis,
- Collection and analysis of four additional rounds of groundwater samples (two additional rounds in 2006, and two rounds in 2008) from the new and/or existing monitoring points, and,
- Measurement of groundwater and surface water elevations during the two groundwater sampling rounds.

The locations of the groundwater monitoring well and piezometers is provided on Figure 9.

5.6 Field Investigation - Former Mirro Plant No. 20 Third Stage Site Investigation Report (SEH, January 2011)

In 2011, SEH completed a third stage SI of the site to document site remediation activities and to provide additional SI data. The site remediation involved removal and proper disposal of shallow arsenic impacted soils on the western portion of the site. Existing monitoring well MW-3 was properly abandoned in order to facilitate soil remediation. Two additional rounds of groundwater samples were also collected and analyzed as part of the third stage SI.

The elevated soil arsenic concentrations were identified in soil samples collected and analyzed by TEMCO at soil boring SB-4 and at well MW-3. The degree and extent of arsenic contamination at these locations was identified by SEH and reported in the 2008 additional SI report. On September 7, 2010, the arsenic impacted soils at these locations was excavated and removed from the site. The soils were properly disposed at the Waste Management Ridgeview Recycling and Disposal Facility in Whitelaw, Wisconsin. Both excavations measured approximately 20 feet (north south) by 10 feet (east west) by 4 feet deep, and were generally centered on the impacted sampling point. These areas were subsequently backfilled with clean fill and then covered with six inches of topsoil. The locations of the excavations are depicted on Figure 4, "Excavation Limits."

5.7 Field Investigation - Former Mirro Plant No. 20 Supplemental Site Investigation Report (SEH, July 2013)

A supplemental site investigation was completed by SEH in 2013 to assess remaining WDNR concerns for the site after WDNR denied case closure in June 2011 and January 2012. The primary remaining WDNR concern for the site was the source of shallow VOC groundwater contamination identified at the site. A specific concern was increasing concentrations of chlorinated VOCs in up-gradient Well MW-8 as well as in two basement sumps. WDNR and SEH personnel met on June 19, 2012 to discuss potential steps to be taken in order to achieve site closure. The following field activities were recommended:

- Assessment of lateral extent of shallow clay layer at the subject property
- Installation of one additional site piezometer near MW-8
- Collection and analysis of one additional round of groundwater samples from select sampling points
- Assessment of current groundwater elevation data
- Assessment of hydraulic conductivity of the screened intervals of select monitoring wells and piezometers at the site

A shallow clay layer is present on the southern portion of the site. Where present, this layer separates shallow fill soils from underlying silty sand and gravel deposits. The assessment of the clay layer identified the northern extent of this layer to roughly extend from the southeast corner of the site building across the site to the proximity of the MW-8 - PZ-8 well nest. The clay layer was not identified north of this line at the subject property.

One additional piezometer (PZ-8) was installed at the property on February 27, 2013 and developed the following day. This piezometer was nested with existing Well MW-8 just east of the site building. The piezometer was used to assess groundwater contamination at depth, and to further define site stratigraphy. One additional round of water level measurements and groundwater samples were collected from the monitoring points during February/March 2013. Slug tests and limited groundwater pumping tests were conducted at select monitoring points to assess hydraulic conductivity of site soils and to assess hydraulic connection of shallow and deep soils at the PZ-8 and PZ-9 well nests. The location of the additional monitoring point installed during the 2013 Supplemental SI is included on Figure 9, "Site Features."

5.8 Field Investigation - Former Mirro Plant No. 20 PFOA and PFOS Groundwater Analytical Results (SEH, September 2018)

In discussions related to potential site closure in 2018, WDNR expressed concern about potential past use of perfluorooctanoic acid (PFOA) and/or perfluorooctanesulfonic acid (PFOS) at the site. No documentation of the use or past discharge of these compounds has been identified; however, because of the past historic activities that occurred on the site, WDNR requested an investigation of these compounds prior to submitting for site closure. A proposed scope of sampling was discussed with the WDNR prior to sampling, and the one-time sampling of five monitoring points (MW-2, MW-5, PZ-5, MW-10, and PZ-10) was agreed upon. The agreed upon sampling points were sampled for PFOA/PFOS analysis on August 9, 2018 in accordance with laboratory recommended procedures for sampling of PFOA/PFOS. The results were submitted to WDNR.

6 Past Investigation Results

The following sections summarize the results from past phases of field investigation of the site.

6.1 Investigation Results - Mirro Plant No. 20 Chilton, Wisconsin Phase II Environmental Site Assessment (TEMCO, August 2002)

The TEMCO 2002 SI only assessed soil impacts at the site, and no other media was addressed. SEH assumes the TEMCO results are accurate, and the soil boring locations depicted are correct. The TEMCO soil sampling locations from the twelve soil borings are depicted on Figure 1. A total of 17 TEMCO soil samples were analyzed for concentrations of volatile organic compounds (VOCs), polynuclear aromatic compounds (PAHs), 8 RCRA metals, diesel range organics (DRO), and/or polychlorinated biphenyls (PCBs). The analytical results were compared to the RCLs current at the time of sampling by TEMCO. The TEMCO soil analytical results are included on attached Table 2, "Soils Analytical Results." The complete TEMCO analytical reports were previously provided to WDNR by TEMCO, and are not included in this SI report.

As reflected on Table 2, a number of parameters were detected in site soil samples during the 2002 TEMCO SI (Appendix A). VOCs were identified in low concentrations at a number of locations, including petroleum related VOCs outside the west side of the site building, and an isolated low detection of chlorinated compounds in soil borings SB-3 and SB-4 near the southwest corner of the site building. None of the detected VOCs exceeded RCLs existing at the time of the TEMCO investigation. Based on review of current RCLs for VOCs, the compounds detected in soils by TEMCO in 2002 are below current standards.

Detections of PAHs in soils during the TEMCO 2002 SI were limited to three minor detections of phenanthrene at SB-6, SB-7, and SB-12 (west side of the site), and one detection of 1-Methylnaphthalene and naphthalene in SB-12. The concentrations of these parameters are below their current respective RCLs.

Arsenic detections above current RCLs were limited to three soil samples at SB-4 and one soil sample from MW-3, which were above the background threshold value of 8 mg/kg. Remaining metals detections were below their respective RCLs.

DRO was detected at 10 and 30 mg/kg in SB-3 and SB-6, respectively. Both of these concentrations were below the RCL for DRO at the time of sampling. No RCL for DRO is currently available. PCBs were not detected in SB-5, the only location where soils were analyzed for PCBs during the 2002 TEMCO SI.

6.2 Investigation Results - Former Mirro Plant No. 20, Chilton, Wisconsin, Phase I and Phase II Environmental Site Assessments (TEMCO, May 2003)

The report of historic UST cleanout and abandonment provided in this document was reviewed by SEH. Residual materials from within the USTs were removed and properly disposed, and the USTs were abandoned in place in the basement of the site building. Field PID readings from tank bed soil samples were 1.4 instrument units or less. Concentrations of DRO were listed as <10 mg/kg in all samples analyzed during the UST abandonment assessment. The conclusion of the UST abandonment assessment was that no release from the UST system had occurred during

system operation. As stated above, no other Phase II ESA information was included in this document, and the soil boring/monitoring well information mentioned on two hand written notes was not made available to SEH. Other than the UST abandonment information, no other TEMCO Phase II information results are included in this comprehensive SI report.

6.3 Investigation Results - Mirro Plant No. 20 Chilton, Wisconsin Phase II Environmental Site Assessment (TEMCO, May 2003)

A May 2003 Phase II ESA provided to WDNR as listed in the BRRTS database for the site was performed by a previous consultant (TEMCO). However, when SEH requested this information, it was unavailable from WDNR. Thus, the investigation results from the May 2003 TEMCO Phase II ESA could not be reviewed by SEH and is not included in this report.

6.4 Investigation Results - Former Mirro Plant No. 20 Site Investigation Report (SEH, August 2006)

6.4.1 Soil

Twenty three soil samples from the site were analyzed for concentrations of VOCs, PAHs, and RCRA metals. In addition, two soil samples were analyzed for pesticides (B-1, 0-2 and 4-6 ft.), one sample was analyzed for DRO (B-4, 4-6 ft.), and one sample was analyzed for PCBs (B-10, 0.5-1.5 ft.) based on the potential contaminant sources at these locations. B-1 was sampled adjacent to a storage shed that could potentially have been used historically for storage of pesticides. B-4 was sampled on the west side of the site, where historic information indicated past petroleum storage occurred. B-10 was sampled near basement electrical equipment.

When compared to soil standards existing at the time of the 2006 SI, the concentrations of arsenic exceeded the generic RCL at numerous locations outside the site building and beneath the building floor. However, the only arsenic concentration exceeding the current WDNR criteria for background threshold values (8 mg/kg) for naturally occurring arsenic was at B-3, which was off site, and was not attributed to past activities at the site. The guidance RCLs for several PAHs were also exceeded at several locations at the site (these values had not been codified at the time of the investigation). Pesticides and DRO were not detected in site soils during the SEH 2006 SI. One PCB (Arochlor 1254) was detected at a concentration of 18 ug/kg in B-10, 0.5-1.5 feet. The soils data from the 2006 SI is summarized on the attached Table2.

6.4.2 Groundwater

Two rounds of groundwater samples (nineteen sampling points) were collected for laboratory analysis during the SEH 2006 SI. The sampling points included nine monitoring wells, one piezometer, six shallow basement standpipes, and three basement sumps (one sump was only sampled once). The groundwater samples were analyzed for concentrations of VOCs, PAHs, and dissolved RCRA metals. One sump (the east sump) was sampled during one round only because of an oil layer observed in this sump. The oil appeared to be related to the hydraulic system of an adjacent elevator.

The groundwater analytical results were compared to groundwater preventive action limits (PALs) and enforcement standards (ESs) published in NR 140, Wisconsin Administrative Code.

Groundwater ES exceedances during the February and May 2006 rounds of analysis were limited to:

- B-5 - 1,1,2,2 Tetrachloroethane (0.286 ug/L, February 2006)
- B-5A - 1,1,2,2-Tetrachloroethane (0.51 ug/L, February 2006)
- B-12 - Vinyl Chloride (0.26 ug/L, May 2006)

PAL exceedances identified during one or more of the two sampling rounds performed during the 2006 SI included benzo-a-pyrene, chrysene, chloromethane, 1, 2-dichloromethane, cis-1, 2-dichloroethylene, 1, 2-trichloroethane, trichloroethylene, vinyl chloride, arsenic, and cadmium. All remaining groundwater parameters were either not detected above the laboratory detection limit, or were detected at concentrations below their respective PAL during these two rounds of groundwater sampling. Groundwater analytical results are summarized on attached Table 1.

6.5 Investigation Results - Former Mirro Plant No. 20 Additional Site Investigation Report (SEH, September 2008)

6.5.1 Soils

Eleven additional soil samples collected from the area outside the west side of the site building were analyzed for arsenic during SEH's 2008 Additional SI. The samples were utilized to assess degree and extent of arsenic impacts at two locations on the west side of the site (MW-3 and SB-4). Concentrations of arsenic in the eleven samples ranged from 3.1 mg/kg to 7.1 mg/kg, successfully delineating the areas of impact (17 mg/kg at MW-3 and 32 mg/kg detected at SB-4 during the TEMCO SI).

Two soil samples were analyzed for concentrations of PCBs during the 2008 Additional SI. These samples were collected from adjacent to a stained concrete slab used to support transformers. PCBs were not detected above the laboratory detection limit in the two samples analyzed for PCBs during the 2008 Additional SI.

Two additional shallow soil samples were collected from above the water table at PZ-9 and PZ-10 and were analyzed for VOCs, PAHs, and RCRA metals. The RCL for arsenic was exceeded in both shallow samples at concentrations of 7.2 mg/kg and 6.9 mg/kg respectively (these are below the background threshold values of 8.0 mg/kg for arsenic). Several VOCs were also detected, however, no RCLs existing at the time were exceeded. No PAHs were detected in the two shallow soil samples collected during the 2008 Additional SI. The soils data is summarized on attached Table 2.

6.5.2 Groundwater

Two rounds of groundwater samples collected in late 2006 along with two additional rounds of groundwater samples collected in 2008 were reported in the 2008 Additional SI. Samples collected during these rounds of sampling were analyzed for VOCs, PAHs, and/or RCRA metals. The parameters analyzed at each point during the 2008 sampling rounds were selected in part based on earlier detections or concerns at the individual sampling points.

ES exceedances identified during the August and November 2006 sampling rounds included:

- B-5A - 1, 1, 2, 2-Tetrachloroethane (0.29 ug/L, November 2006)

- B-9 - Benzo (b) Fluoranthene (0.205 ug/L, November 2006; Chrysene, 0.258 ug/L, November 2006)
- B-11 - Vinyl Chloride (0.61 ug/L, November 2006)

ES exceedances identified during the February and May 2008 sampling rounds included:

- B-11 - Vinyl Chloride (0.37 ug/L, May 2008)
- MW-8 - Vinyl Chloride (0.61 ug/L, February 2008, 0.25 ug/L, May 2008), Trichloroethylene (16 ug/L, May 2008)
- PZ-9 - Chrysene (0.37 ug/L, May 2008), Trichloroethylene (12 ug/L, February 2008, 16 ug/L, May 2008), Vinyl Chloride (0.28 ug/L, May 2008)

PAL exceedances identified in one or more rounds of analysis during the August and November 2006, and the February and May 2008 sampling rounds including the following parameters: Benzo (b) Fluoranthene, Carbon Tetrachloride, Chrysene, Chloromethane, 1, 2-Dichloroethane, cis-1, 2-Dichloroethylene, Trichloroethylene, Arsenic, and Tetrachloroethylene. All remaining groundwater parameters were either not detected above the laboratory detection limit, or were detected at concentrations below their respective PALs. The groundwater results are summarized on Table 1. Complete analytical packages have been previously provided to WDNR and are not included in this report.

6.6 Investigation Results - Former Mirro Plant No. 20 Third Stage Site Investigation Report (SEH, January 2011)

6.6.1 Soil Remediation

Soils containing elevated arsenic concentrations in two isolated locations west of the site building were excavated, removed, and properly disposed on September 7, 2010. The two areas were on the western side of the site generally centered on MW-3 and SB-4. The extent of remedial excavation was discussed and agreed upon in a March 5, 2009 meeting between WDNR, SEH, and Patriot Environmental Management representatives. The depth of four feet at both locations was agreed upon with WDNR, leaving the two deeper samples with 10 mg/kg arsenic at SB-4 in place. A total of 58.75 tons of arsenic impacted soils was removed from these locations and properly disposed at the Waste Management Ridgeview Recycling and Disposal Facility in Whitelaw, Wisconsin. Degree and extent of arsenic contamination at these locations had been identified in SEH's 2008 Additional SI report. Documentation of disposal of arsenic impacted soils has previously been provided to WDNR and is not included in this report. The locations of the two remedial excavations are depicted on attached Figure 4 "Excavation Limits."

6.6.2 Groundwater

Two additional rounds of groundwater samples were collected from the site monitoring points in March and July 2009. The additional rounds of groundwater samples were analyzed for concentrations of VOCs, PAHs, and one or more RCRA metals based in part on past analytical results. Only chlorinated VOCs were found to exceed their respective ESs in SEH's Third Stage SI. The following sample points had one or more ES exceedance in the two additional sample rounds:

- B-11 - Vinyl Chloride (0.85 ug/L, July 2009)
- B-12 - Trichloroethylene (17 ug/L, March 2009), Vinyl Chloride (1.2 ug/L, March 2009),

- MW-8 - Trichloroethylene (80 ug/L, March 2009, 46 ug/L, July 2009), Vinyl Chloride (1.3 ug/L, March 2009, 0.24 ug/L, July 2009), cis-1,2-Dichloroethylene (72 ug/L, March 2009)
- PZ-9 - Trichloroethylene (80 ug/L, March 2009, 150 ug/L, July 2009), Vinyl Chloride (0.75 ug/L, March 2009, 1.2 ug/L, July 2009), cis-1,2-Dichloroethylene (120 ug/L, July 2009)
- PZ-10 - Vinyl Chloride (0.26 ug/L, July 2009), 1,2-Dichloroethane (7.0 ug/L, March 2009, 13 ug/L, July 2009)
- East Sump - Trichloroethylene (6.4 ug/L, July 2009)

PAL exceedances were recorded for several parameters during one or both sampling rounds. The parameters detected at concentrations exceeding their respective PAL but below their ES included 1, 2-Dichloroethane, cis-1, 2-Dichloroethylene, Trichloroethylene, Arsenic, and Tetrachloroethylene. All remaining groundwater parameters were either not detected above laboratory detection limits, or were detected at concentrations below their respective PALs. Groundwater results for the 2011 Third Stage SI are presented on Table 1. Complete analytical packages have been previously submitted to WDNR and are not included in this document.

6.7 Investigation Results - Former Mirro Plant No. 20 Supplemental Site Investigation Report (SEH, July 2013)

6.7.1 Clay Layer Investigation

The investigation of aerial extent of the clay layer indicated the clay layer was present on the southern portion of the site, but absent on the northern portion of the site. Slug tests were performed on three piezometers and three monitoring wells during the 2013 Supplemental SI. The slug test data was input into the Aqtesolv ® program, and the hydraulic conductivity of saturated screened portions of each sampling point was calculated using the Bouwer - Rice method. Based on review of the slug test data, the average hydraulic conductivity of shallow wells not entirely screened in the shallow clay layer was 4.1 by 10 E-4 cm/sec. The hydraulic conductivity of one shallow well screened entirely within the shallow clay layer was 4.0 by 10 E-7 cm/sec. The hydraulic conductivity of piezometers screened entirely in the silty sand layer was 3.1 by 10 E-4 cm/sec. The slug test data was used to calculate the average linear velocity of groundwater flowing through the site. The average linear groundwater velocity of groundwater within the silty sand layer at the site is between 6 and 8 feet per year. The slug test and average linear velocity calculations have been previously provided to WDNR, and are not included in this report. The results of the limited pumping tests at piezometers PZ-8 and PZ-9 proved to be inconclusive.

6.7.2 Groundwater

One additional round of water level measurements and select analytical samples were collected from the site groundwater monitoring points. Groundwater elevation data continued to indicate a northerly to northeasterly direction of groundwater flow in both the shallow wells and the deeper piezometers at the site during the 2013 Supplemental SI. Groundwater samples were analyzed for concentrations of VOCs from monitoring points PZ-5, MW-5, PZ-8, MW-8, PZ-9, MW-9, B-11,

B-12, Large Sump, and East Sump. ES exceedances were limited to chlorinated compounds, including the following:

- MW-8 - cis-1,2-Dichloroethane (91 ug/L), Tetrachloroethylene (18 ug/L), Trichloroethylene (12 ug/L), Vinyl Chloride (2.7 ug/L)
- PZ-8 - Trichloroethylene (17 ug/L)
- PZ-9 - cis-1,2-Dichloroethane (510 ug/L), Tetrachloroethylene (190 ug/L), Trichloroethylene (300 ug/L), Vinyl Chloride (0.6 ug/L)
- PZ-10 - 1,2-Dichloroethane (50 ug/L)
- B-11 - Vinyl Chloride (0.57 ug/L)
- East Sump - Tetrachloroethylene (15 ug/L), Trichloroethylene (19 ug/L)

The concentration of one or more VOC exceeding its respective PAL but below its ES was identified in six monitoring points (PZ-5, PZ-8, PZ-9, B-12, East Sump, and Large Sump) during the 2013 Supplemental SI. The compounds detected exceeding their PAL but below their ES included 1, 1-Dichloroethylene, cis-1, 2-Dichloroethylene, Tetrachloroethylene, and Trichloroethylene. Laboratory analytical results from the 2013 Supplemental SI are summarized on Table 1. The complete analytical package from the 2013 Supplemental SI has been previously provided to WDNR, and is not included in this report. It should be noted that all PAL and ES exceedances identified during the 2013 Supplemental SI were for chlorinated VOCs, and that increasing concentrations of these compounds appeared to be occurring on the up gradient side of the site where no known onsite sources of VOC contamination have been identified or suspected.

6.8 Investigation Results - Former Mirro Plant No. 20 PFOA and PFOS Groundwater Analytical Results (SEH, September 2018)

Five groundwater samples were collected for analysis of PFOAs and PFOSs on August 9, 2018 in accordance with the SI approach agreed upon between SEH and WDNR. The following were the concentrations of PFOAs and PFOSs recorded at each sampling point included in the SI:

- MW-2, PFOA < 0.75 ppt, PFOS 0.81 ppt
- MW-5, PFOA 1.2 ppt, PFOS 4.2 ppt
- PZ-5, PFOA < 0.73 ppt, PFOS <0.46 ppt
- MW-10, PFOA < 0.74 ppt, PFOS 0.69 ppt
- PZ-10, PFOA < 0.77 ppt, PFOS < 0.49 ppt

In June 2019, WDNR provided a recommended standard of 20 ppt for PFOA/PFOS impacts in groundwater. This value is considerably lower than the USEPA's established health advisory levels of 70 ppt for PFOA/PFOS in groundwater. None of the samples analyzed exceeded the recommended WDNR standards or established USEPA health advisory levels for PFOA/PFOS impacts. WDNR is currently in the rule making process to codify standards for PFOA/PFOS. It is unknown when standards may be codified. No known onsite source of PFOA or PFOS has been identified at the site, and no historic record of the use of these compounds at the site has been identified. The exceedingly low concentrations of PFOA/PFOS identified in three of the five monitoring points sampled for these compounds may have originated from an off-site source.

7 Discussion

SEH has reviewed the data generated during multiple phases of site investigations of the subject property, with WDNR involvement throughout the SI process. Through the numerous discussions with WDNR, SEH believes everything WDNR has identified as a concern has been investigated and addressed through multiple Phase I and Phase II SI's, contaminant source identification, and definition of degree and extent of VOC, PAH, metals, PCBs, and PFOA/PFOS impacts at the site. Based on the multiple phases of site investigation historically performed at the site, SEH has concluded that minimal ongoing site contamination originating from the Former Mirro Plant No. 20 facility or previous or subsequent use of the property remains on the site.

The site is currently enrolled in the VPLE program. Conditions for closure based on exemption from liability by the VPLE voluntary party pertinent to this site are summarized below, and are presented in full in Wis Stats. Ch 292.15 include:

- A WDNR approved SI for the site,
- The environment is restored to the extent practicable with respect to discharges and the harmful effects from discharges,
- A certificate of completion is attained from WDNR that the environment has been restored to the extent practicable,
- The voluntary party does not engage in activities that are inconsistent with the maintenance of the property, and,
- The voluntary party has not obtained the certificate of completion by fraud or misrepresentation.

The following subsections summarize the results of SEH's review of past site investigation data.

7.1 Soils

The historic results for soils analyzed from the site during the past SI efforts are summarized on the attached Table 2. As reflected on Table 2, numerous analytes were detected on the subject property during the various stages of site investigation. However, when compared with direct contact RCLs for industrial sites, only two isolated locations where elevated concentrations of arsenic were identified in site soils during a 2002 SI performed by TEMCO exceeded these direct contact RCL values. These isolated areas of arsenic impact were subsequently investigated further defining extent of arsenic impacts, and the arsenic impacts have been subsequently remediated (two deep samples at SB-4 at 10 mg/kg arsenic were previously agreed to be left in place by WDNR). Remaining RCL exceedances from soil samples analyzed from the subject property are limited to groundwater pathway exceedances for several VOCs (methylene chloride, tetrachloroethylene, trichloroethylene, 1, 2, 4-Trimethylbenzene, and Xylenes), metals (Arsenic, Cadmium, Lead, Mercury, Selenium, and Silver), and PAHs (Benzo (a) Pyrene, Benzo (b) Fluoranthene, Chrysene, and Naphthalene). Remaining concentrations of soil parameters analyzed from the site are below the groundwater pathway RCL. No groundwater standards appear to be exceeded as a result of these groundwater pathway RCL exceedances. The only remaining groundwater exceedances are related to an off-site source. No non-remediated direct contact for industrial sites pathway RCLs were identified in soils analyzed from the site. The residual soils contamination identified historically at the site is summarized on Table 3. Remaining groundwater pathway RCL exceedances are depicted on attached Figure 5.

7.2 Groundwater

The historic results for groundwater investigation and analysis (excluding results from TEMCO 2003, if any, which were not made available to SEH for preparation of this report) were reviewed by SEH. Historically, direction of groundwater flow in the vicinity of the site has been consistently generally to the north to northeast, as depicted on Figures 8.1 through 8.7. The groundwater analytical data is summarized on the attached Table 1. As described above and reflected on Table 1, several analytical parameters exceeded their respective ES and/or PAL during one or more sampling event during the various phases of SI conducted at the site. ES exceedances at the site have been limited to chlorinated VOCs since the 2008 sampling round. Also, the concentrations of chlorinated VOCs appear to be generally increasing with time, especially in a piezometer at the more southern (up gradient) sampling point (PZ-9). ES exceedances in the shallow wells were limited to sampling points MW-8, B-11, and the east sump during the last VOC sampling round. These shallow sampling points are at or near the northern edge of the clay layer, which likely does not provide separation from deeper groundwater contaminants at these locations. The estimated extent of groundwater impacts during the last VOC sampling round is depicted on Figure 7, "Estimated Extent of Groundwater Contamination." The 2018 investigation of PFOA/PFOS impacts at the subject property indicated very low concentrations of these compounds in three of five monitoring points sampled for these parameters. The concentrations detected are all well below the WDNR recommended ES of 20 parts per trillion for these compounds.

7.3 Off Site Source

Based on SEH's review of data from the previous SI work at the subject property along with review of data from the Larson Cleaners site at 317 East Main Street in Chilton, Wisconsin (WDNR BRRTS Number 02-08-221491), located approximately 300 feet up gradient (south) from the subject property, it appears the Larson Cleaners site is the source of chlorinated VOC groundwater impacts at the Former Mirro Plant No. 20 site. The following paragraphs detail the rationale for SEH's conclusion.

7.3.1 High Concentration Chlorinated VOC Impacts Up Gradient Prior to Those at Mirro Plant No. 20

Very elevated concentrations of chlorinated VOC groundwater contamination were reported in a July 2007 SI of the Larson Cleaners site performed by TEMCO. Dry cleaning operations began at the Larson Cleaners site in the 1940's and concluded by 1994. One of the primary groundwater contaminants at the Larson Cleaners site is Tetrachloroethylene (commonly used as a dry cleaning solvent) which was not a contaminant of concern at the Mirro Plant No. 20 site until it was identified in new up gradient piezometer PZ-9 in 2008.

7.3.2 Larson Cleaners is a Confirmed Source Area

The degradation by-products of Tetrachloroethylene decomposition (daughter products) include Trichloroethylene, 1, 2-Dichloroethylene, cis-1, 2-Dichloroethylene, and Vinyl Chloride. Tetrachloroethylene and the associated daughter compounds, along with a Tetrachloroethylene source area have been documented at the Larson Cleaners site. The daughter compounds have been identified at the southern portion of the Mirro Plant No. 20 site at concentrations lower than those found at the Larson Cleaners site. The concentrations of chlorinated VOCs at the Mirro Plant No. 20 site are increasing over time.

Concentrations of Tetrachloroethylene at the Larson Cleaners site are significantly higher than the concentrations of the daughter compounds, indicating the Larson Cleaners site is an active Tetrachloroethylene source area. The Mirro Plant No. 20 site shows the reverse situation, with daughter compound concentrations generally higher than concentrations of Tetrachloroethylene. This would indicate the Mirro Plant No. 20 site is not a source area for Tetrachloroethylene.

7.3.3 Current Mirro Plant No. 20 Operations are not Contributing Contaminants

Current operations at the Former Mirro Plant No. 20 site include a machine shop, and a warehouse used 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.

7.3.4 Impacts at PZ-9 are not from a Surface Source at Mirro Plant No. 20

The highest concentrations of chlorinated VOC groundwater impacts at the Mirro Plant No. 20 site were recorded at up gradient PZ-9 during the last round of VOC analysis. No tetrachloroethylene or associated daughter compounds were identified in nested well MW-9 (screened in the lean clay layer) during the last round of sampling or during previous sampling rounds. This indicates the chlorinated VOC impacts identified in PZ-9 are originating from up gradient, in the direction of the Larson Cleaners site, and not from surficial contamination near the southern property line of the Mirro Plant No. 20 site. The silty sand layer appears to be a continuous deposit across the Mirro Plant No. 20 site, and appears to extend to the Larson Cleaners site.

7.3.5 Chlorinated VOC Impacts have had Sufficient Time to Migrate from Larson Cleaners Site to Mirro No. 20 Site

The Larson Cleaners site is located approximately 300 feet south (up gradient) of the Former Mirro Plant No. 20 site. As demonstrated in the 2010 SI performed by TEMCO for the Larson Cleaners site, groundwater flows to the north-northeast in this vicinity, thus flowing from the Larson Cleaners site to the Mirro No. 20 site, and resulting in the likely migration of groundwater contamination from the Larson Cleaners site (source area) to the Mirro Plant No. 20 site over time. Average linear velocities of site groundwater combined with the time since impacts likely began to occur at the Larson Cleaners site indicate it is very probable groundwater contamination from the Larson Cleaners site impacted the Former Mirro Plant No. 20 site, and that migration of contaminants from the Larson Cleaners site is ongoing.

8 Conclusions and Recommendations

Multiple Phase I ESAs have been performed on the Former Mirro Plant No. 20 site and have identified potential sources of contaminants. As a result, numerous Phase II ESAs and Site Investigations have taken place since the early 2000's. The initial site work identified impacts to the property and subsequent activities have addressed the issues identified in the Phase I ESAs and the concerns raised by WDNR. These activities have identified the sources of the impacts and actions have been taken to remove or control them. Throughout this process, SEH and

Newell have worked with WDNR to verify the investigative and remedial action activities would address WDNR's concerns.

The historic soil impacts at the Former Mirro Plant No. 20 site have been isolated and limited in nature. The two direct contact pathway impacts onsite (for arsenic) have been successfully remediated. The groundwater pathway RCL exceedances do not appear to be adversely impacting site groundwater based on historic analytical data. Figure 5 depicts the extent of residual soil contamination that is proposed to remain in place.

Numerous rounds of groundwater sampling have taken place at the site. Both the shallow and deeper groundwater has been investigated through the use of the network of monitoring wells and piezometers in order to assess the degree and extent of impacts. The extent of impacted groundwater has been determined as shown on Figure 6.

The concentration of contaminants in the groundwater have remained stable or have decreased since investigation work began and has shown no ES exceedances since 2008 except for the presence of chlorinated VOCs. However, as previously discussed with WDNR, these exceedances are attributable to an off-site source of very high concentrations of these compounds (the Larson Cleaners site) and are not attributable to past or present operations at the Former Mirro Plant No. 20 site.

Recent analysis for PFOA and PFOS in site groundwater has found concentrations of these compounds are well below the WDNR proposed ES, and are not likely indicative of an onsite discharge of these compounds. No evidence of historic use of these compounds has been identified for the site.

Based on these conclusions, SEH recommends no additional site investigation or remediation activities are warranted for the site. SEH believes the conditions for site closure under the VPLE program, and summarized above in Section 7, have been met by the voluntary party upon acceptance of this SI report, and a certificate of completion is provided by WDNR. Proper abandonment of existing groundwater monitoring points in accordance with NR 141, Wis. Adm. Code requirements would be recommended upon attainment of site closure.

9 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. The data provided in this report by others is assumed to be accurate. Other than that, no warranty is implied or intended.

10 References

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hh/MRL/BKO/llb

Tables

Table 1 – Groundwater Analytical Results

Table 2 – Soils Analytical Results

Table 3 – Residual Soils Contamination

**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	
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
PAHs¹ (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	<u>0.066</u>	<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	--	--	--	--	--	--	--	--	
VOCs² (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	--	--	--	--	--	--	
Bromochloromethane	NSE	NSE	--	<0.1	<0.1	<0.1	<0.50	<0.50	--	--	--	--	--	--	<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	<0.20	<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	<0.15	<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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																							
	ES	PAL	B-5												B-5A											
			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
VOCs² (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	--	--	--	--	--	--
1,1,1,2,2-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	--	<u>0.58</u>	<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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																							
	ES	PAL	B-6												B-9											
			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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PAHs¹ (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	<u>0.062</u>	<0.02	<0.052	<0.044	--	--	--	--	--	--	<u>0.15</u>	<u>0.090</u>	<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	--	--	--	--	--	--
VOCs² (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	--	--	--	--	--	--
Bromochloromethane	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	<u>0.49</u>	<0.2	<u>0.39</u>	<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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																							
	ES	PAL	B-6												B-9											
			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
VOCs² (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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																						
	ES	PAL	B-11											B-12											
			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
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
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
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
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PAHs¹ (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	--	--	--	--	--	--	<u>0.155</u>	<0.02	<0.02	<u>0.170</u>	<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	<u>0.131</u>	<0.02	<0.02	<u>0.056</u>	<0.20	<0.042	--	--	--	--	--	--	<u>0.192</u>	<0.02	<0.02	<u>0.192</u>	<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	--	--	--	--	--
VOCs² (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
Bromochloromethane	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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																							
	ES	PAL	B-11												B-12											
			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
VOCs² (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	<u>7.64</u>	5.05	3.37	<u>10</u>	<u>31</u>	<u>61</u>	<u>12</u>	<u>8.7</u>	--	<u>39</u>	--
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	--	--	<0.50	--	<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	--
1,1,1,2,2-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	--
1,1,1,2-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	<u>0.69</u>	<0.2	<0.2	<0.20	<0.20	--	--	<0.20	--	<0.19	--	<0.2	<u>2.11</u>	<0.2	<0.2	<0.20	<u>2.8</u>	17	<u>2.3</u>	<u>3.2</u>	--	<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
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
VOCs² (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	--	--	--	--	--	--	--	--
1,1,1,2,2-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	<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
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	
VOCs² (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	<u>2.29</u>	<u>2.57</u>	<u>1.96</u>	<u>1.67</u>	<u>2.7</u>	<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	<0.1	--	--	--	--	<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	<u>0.535</u>	<u>0.61</u>	<u>0.80</u>	0.39	<0.30	<u>0.67</u>	--	--	--	--	<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	--	--	--	--	--	--	--	--	--	<u>0.77</u>	--	--	--	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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date													
	ES	PAL	MW-5													
			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	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PAHs¹ (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	<u>0.025</u>	<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	--	--	--	--	--	--	--
VOCS² (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	--
Bromochloromethane	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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date													
	ES	PAL	MW-5													
			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
VOCs² (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	<u>8.26</u>	5.98	5.49	<u>7.34</u>	<u>9.97</u>	6.5	<u>8.6</u>	0.45	0.50	<u>8.40</u>	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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date											
	ES	PAL	PZ-5											
			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	--	--	--	--	--	--	--	--	--	--	--	--
PAHs¹ (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	--	--	--	--	--	--	--	--
VOCs² (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	--
Bromochloromethane	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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date											
	ES	PAL	PZ-5											
			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
VOCs² (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	--
1,1,1,2,2-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	<u>0.57</u>	<u>0.57</u>	--
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	<u>10.3</u>	--	--	2.02	<u>17</u>	<u>24</u>	<u>20</u>	<u>21</u>	--	--	--	--
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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date															
	ES	PAL	MW-8											PZ-8				
			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	847.43	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	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	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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PAHs¹ (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	<u>0.068</u>	<0.022	<u>0.041</u>	<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	<u>0.029</u>	<u>0.049</u>	<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	--	--	--	--	--	--	--	--	--
VOCs² (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	--	--
Bromochloromethane	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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																
	ES	PAL	MW-10									PZ-10							
			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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PAHs¹ (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	--	--	--	--	--	--
VOCs² (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	--
Bromochloromethane	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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																	
	ES	PAL	MW-10									PZ-10								
			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	
VOCs² (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	--	<u>1.8</u>	<u>1.3</u>	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	<u>0.17</u>	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
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	--	--	--	--	--	--	--	--	--	--	--
PAHs¹ (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	--	--	--	<u>0.035</u>	<u>0.095</u>	<u>0.114</u>	<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	--	--	--	<u>0.045</u>	<u>0.143</u>	<u>0.188</u>	<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	--	--
VOCs² (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	--	--	--	--
Bromochloromethane	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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date													
	ES	PAL	East Sump						West Sump							
			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
VOCS² (µg/l)																
cis-1,2-Dichloroethylene	70	7.0	2.06	<u>9.8</u>	5.0	<u>20.0</u>	--	<u>43.0</u>	<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	<u>0.63</u>	<u>2.1</u>	<u>1.2</u>	--	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	<u>4.7</u>	6.4	<u>3.5</u>	--	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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date											
	ES	PAL	Large Sump											
			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	--	--	--	--	--	--	--	--	--	--	--	--
PAHs¹ (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	--	--	--	--	--	--	--	--
VOCs² (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	--	--
Bromochloromethane	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
Groundwater Analytical Results**

Analytical Parameters	NR 140 Standards		Well No./Sampling Date														
	ES	PAL	Large Sump														
			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				
VOCs² (µg/l)																	
cis-1,2-Dichloroethylene	70	7.0	1.46	1.67	2.35	2.37	2.5	3.3	--	--	<u>17</u>	<u>17</u>	--				
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	<u>0.87</u>	<0.50	<0.050	7.4	<u>3.6</u>	--				
1,1,1,2-Tetrachloroethane	70	7.0	<0.1	<0.1	<0.1	<0.1	<0.25	<0.25	--	--	<0.25	<0.25	--				
1,1,1,2,2-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	<u>0.645</u>	<u>0.95</u>	<u>1.97</u>	<u>2.11</u>	<u>1.9</u>	<u>4.6</u>	<u>2.3</u>	<0.050	11	<u>4.5</u>	--				
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

Analytical Parameters	NR 140 Standards		Well No./Sampling Date																			
			LMW-8				LMW-9				LMW-10				LPZ-3				LPZ-4			
	ES	PAL	3/20/09	7/8/09	11/4/11	3/1/13	3/19/09	7/8/09	11/4/11	3/1/13	3/19/09	7/8/09	11/4/11	3/1/13	3/19/09	7/8/09	11/4/11	3/1/13	3/19/09	7/8/09	11/4/11	3/1/13
Elevation Data																						
Top of PVC	--	--	854.18	854.18	854.18	854.18	853.92	853.92	853.92	853.92	853.48	853.48	853.48	853.48	853.69	853.69	853.69	853.69	853.59	853.59	853.59	853.59
Screen Length	--	--																				
Top of Screen	--	--	854.18	854.18	854.18	854.18	853.92	853.92	853.92	853.92	853.48	853.48	853.48	853.48	853.69	853.69	853.69	853.69	853.59	853.59	853.59	853.59
DTB	--	--																				
Bottom of Screen	--	--	854.18	854.18	854.18	854.18	853.92	853.92	853.92	853.92	853.48	853.48	853.48	853.48	853.69	853.69	853.69	853.69	853.59	853.59	853.59	853.59
DTW	--	--			8.70																8.75	
Groundwater	--	--	854.18	854.18	845.48	845.48	853.92	853.92	846.25	846.25	853.48	853.48	845.14	845.14	853.69	853.69	845.15	845.15	853.59	853.59	844.84	844.84

Table 6
Former Mirro Plant #20 - Chilton, Wisconsin
Groundwater Analytical Results: Volatile Organic Compounds (VOC)
 All contaminants shown in µg/L

Sample ID	Sample Date	Benzene	Ethyl benzene	MTBE	Toluene	1,2,4 TMB	1,3,5 TMB	Xylenes	s-Butyl Benzene	1,2 DCA	cis-1,2 DCE	TCE
MW-1	11/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-2	11/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-3	11/19/02	ND	ND	ND	ND	4.4	ND	ND	0.75 ^Q	1.4^Q	2.0 ^Q	0.94^Q
MW-4	11/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0 ^Q	ND
Preventative Action Limit		0.5	140	12	200	96		1,000	---	0.5	---	0.5
Enforcement Standard		5	700	60	1,000	480		10,000	---	5	---	5
ND = Not Detected µg/L = micrograms per liter Q = Analyte detected between LOD and LOQ Bold & Outlined = exceeds PAL Italics & Outlined = exceeds ES - - - = Not Established												

January 2, 2003

TABLE 7
 GROUNDWATER SAMPLE ANALYTICAL RESULTS - POLYNUCLEAR AROMATIC HYDROCARBONS (PAH)
 Former Miro Plant #20 - Chilton, Wisconsin
 All contaminants shown in µg/l

Sample ID	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Fluoranthene	Fluorene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	
MW-1	11/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-2	11/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW-3	11/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.046 ^Q	ND	0.067 ^Q	ND	ND	
MW-4	11/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Preventive Action Limit		---	---	600	---	0.02	0.02	---	---	80	80	---	---	8	---	50	
Enforcement Standard		---	---	3,000	---	0.2	0.2	---	---	400	400	---	---	40	---	250	
Q = Analyte detected between LOD and LOQ						µg/l = Micrograms per liter		Bold & Outlined = Concentration above PAL				ND = Not Detected					
Italics & Outlined = Concentration above ES						--- = Not Established											

February 17, 2003

**Table 2
Soil Analytical Results - Site Investigation**

Analytical Parameters	Generic RCLs ¹ based on direct contact ²	Generic RCLs ¹ based on protection of groundwater ³	Boring No./Depth (ft)/Date										
			B-1		B-2		B-3		B-4	B-5	B-6	B-7	B-8
			0-2	4-6	0-2	2-4	0-2	2-4	4-6	0.5-0.8	1.5-3.0	1.0-2.5	1.0-2.5
			2/13/06	2/13/06	2/13/06	2/13/06	2/13/06	2/13/06	2/14/06	2/14/06	2/14/06	2/14/06	2/14/06
DRO (mg/kg)	NSE	100	--	--	--	--	--	--	--	<6.77	--	--	--
pH	NSE	NSE	8.16	9.03	--	--	--	--	--	8.95	7.58	9.51	8.16
PAHs (mg/kg)													
Acenaphthene	60,000	38	<0.0055	<0.00523	<0.00522	<0.00596	<0.00545	<0.00597	<0.00636	<0.00576	<0.00626	<0.00529	<0.00585
Acenaphthylene	360	0.7	<0.00773	<0.00735	<0.00733	<0.00837	<0.00766	<0.00839	<0.00893	<0.00809	<0.00879	<0.00743	<0.00821
Anthracene	300,000	3,000	<0.00246	<0.00234	<0.00233	<0.00266	<0.00244	<0.00267	<0.00284	<0.00257	<0.0028	<0.00236	<0.00261
Benzo(a)Anthracene	3.9	17	<0.0048	0.00571	0.0362	<0.0052	0.0646	<0.00521	0.00861	<0.00502	<0.00546	<0.00462	<0.0051
Benzo(a)Pyrene	0.39	48	<0.00269	0.0106	0.0477	<0.00292	0.0821	<0.00292	<0.00311	<0.00282	<0.00306	<0.00259	<0.00286
Benzo(b)Fluoranthene	3.9	360	<0.00246	0.0092	0.084	0.011	0.196	<0.00267	<0.00284	<0.00257	<0.0028	<0.00236	<0.00261
Benzo(k)Fluoranthene	39	870	<0.0034	0.00453	0.0412	<0.00368	0.0893	<0.00368	<0.00392	<0.00355	<0.00386	<0.00327	<0.00361
Benzo(ghi)Perylene	39	6,800	<0.00468	0.0154	0.068	0.0214	0.198	<0.00508	0.0132	<0.0049	<0.00533	<0.0045	<0.00498
Chrysene	390	37	<0.00269	0.00978	0.107	0.0137	0.19	<0.00292	<0.00311	0.00452	<0.00306	<0.00259	<0.00286
Dibenzo(a,h)Anthracene	0.39	38	<0.00316	<0.00301	<0.003	<0.00342	<0.00313	<0.00343	<0.00365	0.00875	<0.0036	<0.00304	<0.00336
Fluoranthene	40,000	500	<0.00304	0.0196	0.306	0.0224	0.535	<0.0033	0.03	<0.00319	<0.00346	<0.00293	<0.00323
Fluorene	40,000	100	<0.00386	<0.00367	<0.00367	<0.00418	<0.00383	<0.00419	<0.00447	<0.00404	<0.00439	<0.00372	<0.0041
Indeno(1,2,3-cd)Pyrene	3.9	680	0.021	0.00823	0.04	0.00744	0.137	<0.0028	0.00802	<0.0027	<0.00293	<0.00248	0.006
1-Methyl Naphthalene	70,000	23	0.0326	<0.00412	0.0938	0.00515	0.0883	0.0428	<0.00501	<0.00453	<0.00493	<0.00417	0.0831
2-Methyl Naphthalene	40,000	20	0.0708	<0.00457	<0.00456	0.00875	<0.00476	<0.00521	<0.00555	<0.00502	<0.00546	<0.00462	0.0271
Naphthalene	110	0.4	0.0177	<0.00512	0.0493	<0.00583	0.059	<0.00584	<0.00622	<0.00564	<0.00613	<0.00518	0.099
Phenanthrene	390	1.8	<0.0048	0.00859	0.206	0.0128	0.238	<0.00521	0.0161	<0.00502	<0.00546	<0.00462	<0.0051
Pyrene	30,000	8,700	<0.00246	0.00506	<0.00233	<0.00266	0.0404	<0.00267	0.00537	<0.00257	<0.0028	<0.00236	<0.00261
VOCs (mg/kg)													
Benzene	NSE	0.0055	<0.025	<0.025	<0.025	<0.025	0.0905	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Bromobenzene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Bromodichloromethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
n-Butylbenzene	NSE	NSE	<0.025	<0.025	0.0611	<0.025	0.0568	<0.025	0.153	<0.025	<0.025	2.73	23
sec-Butylbenzene	NSE	NSE	<0.025	<0.025	0.0889	<0.025	0.0638	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
tert-Butylbenzene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Carbon Tetrachloride	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Chlorobenzene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Chlorodibromomethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Chloroethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Chloroform	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Chloromethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
o-Chlorotoluene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
p-Chlorotoluene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,2-Dibromo-3-chloropropane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,2-Dibromoethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,2-Dichlorobenzene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,3-Dichlorobenzene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,4-Dichlorobenzene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Dichlorodifluoromethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,1-Dichloroethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,2-Dichloroethane	NSE	0.0049	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,1-Dichloroethylene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
cis-1,2-Dichloroethylene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
trans-1,2-Dichloroethylene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50

Table 2 (Continued)
Soil Analytical Results - Site Investigation

Analytical Parameters	Generic RCLs ¹ based on direct contact ²	Generic RCLs ¹ based on protection of groundwater ³	Boring No./Depth (ft)/Date										
			B-1		B-2		B-3		B-4	B-5	B-6	B-7	B-8
			0-2	4-6	0-2	2-4	0-2	2-4	4-6	0.5-0.8	1.5-3.0	1.0-2.5	1.0-2.5
			2/13/06	2/13/06	2/13/06	2/13/06	2/13/06	2/13/06	2/14/06	2/14/06	2/14/06	2/14/06	2/14/06
VOCs (mg/kg)													
1,2-Dichloropropane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,3-Dichloropropane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
2,2-Dichloropropane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Ethylbenzene	NSE	2.9	<0.025	<0.025	0.0689	<0.025	0.109	<0.025	0.0419	<0.025	<0.025	<0.5	<2.50
Hexachlorobutadiene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Isopropylbenzene	NSE	NSE	<0.025	<0.025	0.0533	<0.025	0.087	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Isopropyl Ether	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
p-Isopropyltoluene	NSE	NSE	<0.025	<0.025	0.0533	<0.025	0.0719	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Methyl tert Butyl Ether	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Methylene Chloride	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Naphthalene	110	0.4	0.0455	<0.025	0.317	<0.025	0.365	0.0445	0.0419	<0.025	<0.025	<0.5	3.69
n-Propylbenzene	NSE	NSE	<0.025	<0.025	0.0633	<0.025	0.0858	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Tetrachloroethylene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Toluene	NSE	1.5	<0.025	<0.025	<0.025	<0.025	0.448	0.0394	0.046	<0.025	<0.025	0.822	<2.50
1,2,3-Trichlorobenzene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,2,4-Trichlorobenzene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,1,1-Trichloroethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,1,2-Trichloroethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Trichloroethylene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Trichlorofluoromethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
1,2,4-Trimethylbenzene	NSE	NSE	<0.025	<0.025	0.221	<0.025	0.367	<0.025	0.237	<0.025	<0.025	<0.5	91.9
1,3,5-Trimethylbenzene	NSE	NSE	<0.025	<0.025	0.09	<0.025	0.113	<0.025	0.123	<0.025	<0.025	<0.5	<2.50
Vinyl Chloride	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.5	<2.50
Total Xylenes	NSE	4.1	<0.050	<0.050	0.349	0.0393	0.768	0.1258	0.346	0.0355	0.0399	4.29	4.74
RCRA Total Metals (mg/kg)													
Arsenic	1.6	NSE	3.48	2.34	42.6	4.93	28.1	5.34	2.98	0.875	2.41	<0.383	<0.42
Barium	NSE	NSE	53.4	91	36.4	100	57.5	62.9	78.5	5.47	16.4	10.7	17.5
Cadmium	510	NSE	0.113	0.0757	0.584	<0.0722	1.08	0.266	0.253	<0.0699	0.172	<0.0642	<0.0709
Chromium	NSE	NSE	15.9	16.9	8.03	30.5	19	16	21.4	2.23	12.7	8.73	7.67
Lead	500	NSE	20.6	9.02	134	9.48	184	58.4	9.45	1.06	5.83	1.82	3.87
Mercury	NSE	NSE	0.156	0.0245	0.0978	0.0659	0.0812	0.382	0.0934	<0.0172	0.0426	<0.0158	0.0348
Selenium	NSE	NSE	<0.703	<0.668	<0.667	<0.76	<0.696	<0.762	<0.812	<0.735	2.52	<0.676	<0.746
Silver	NSE	NSE	<0.234	<0.223	<0.222	<0.253	<0.232	<0.254	<0.271	<0.245	<0.266	<0.225	<0.249

-- = Not analyzed for indicated parameter

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² = RCLs based on human health risk from direct contact (ingestion of soil or inhalation of particulate matter) at industrial land use sites

³ = RCLs based on protection of groundwater represent concentrations of contaminants that can remain in soil at a site and not cause a violation of a ch. NR 140 preventive action limit in groundwater

1.94 = Concentration exceeds ch. NR 720 RCL based on protection of groundwater, or suggested RCL for PAHs

Compiled by: JEG Checked by: RJH

Table 2 (Continued)
Soil Analytical Results - Site Investigation

Analytical Parameters	Generic RCLs ¹ based on direct contact ²	Generic RCLs ¹ based on protection of groundwater ³	Boring No./Depth (ft)/Date											
			B-9	B-10	B-11	B-12	B-13	MW-5/PZ-5	MW-6	MW-7	MW-8		MW-9	
			1.0-2.0	0.5-1.5	1-3	1-2	0.5-4.5	0-4	0-4	0-4	0-4	4-6	0-4	4-6
			2/14/06	2/14/06	2/15/06	2/15/06	2/15/06	2/13/06	2/13/06	2/13/06	2/13/06	2/13/06	2/13/06	2/13/06
VOCs (mg/kg)														
1,2-Dichloropropane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,3-Dichloropropane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
2,2-Dichloropropane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Ethylbenzene	NSE	2.9	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.154	<0.025
Hexachlorobutadiene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Isopropylbenzene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.0696	<0.025
Isopropyl Ether	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
p-Isopropyltoluene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.0578	<0.025
Methyl tert Butyl Ether	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Methylene Chloride	NSE	NSE	0.174	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Naphthalene	110	0.4	0.0353	0.0766	<0.025	<0.025	<0.025	<0.025	<0.025	0.045	<0.025	<0.025	0.307	<0.025
n-Propylbenzene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.0613	<0.025
Tetrachloroethylene	NSE	NSE	<0.025	0.133	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Toluene	NSE	1.5	0.0342	0.0465	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,2,3-Trichlorobenzene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,2,4-Trichlorobenzene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,1-Trichloroethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,1,2-Trichloroethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichloroethylene	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Trichlorofluoromethane	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,2,4-Trimethylbenzene	NSE	NSE	0.082	0.0547	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.217	<0.025
1,3,5-Trimethylbenzene	NSE	NSE	<0.025	0.0438	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.126	<0.025
Vinyl Chloride	NSE	NSE	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Total Xylenes	NSE	4.1	0.0501	0.2052	0.033	0.0286	0.0276	<0.050	<0.050	<0.050	<0.050	<0.050	0.1062	<0.050
RCRA Total Metals (mg/kg)														
Arsenic	1.6	NSE	2.02	1.94	0.531	1.45	1.47	2.57	2.59	2.43	3.38	2.29	3.84	2.82
Barium	NSE	NSE	17	39.5	18.9	15.1	21.1	98	75.3	70.4	47.1	105	48.1	37.5
Cadmium	510	NSE	0.0925	<0.078	<0.0697	0.155	<0.0606	0.189	<0.0983	0.13	0.288	0.804	0.297	<0.0654
Chromium	NSE	NSE	31.7	6.63	5.93	5.98	7.46	27.7	17.6	15.1	6.32	41.8	11.6	11.3
Lead	500	NSE	4.11	26.3	5.21	5.47	2.71	6.56	7.29	14.5	43.8	9.54	50.8	10.4
Mercury	NSE	NSE	0.0934	0.0684	0.0318	<0.0154	0.0489	0.0669	0.119	0.0849	0.16	0.078	0.0825	0.0264
Selenium	NSE	NSE	<0.683	<0.821	<0.733	<0.66	<0.638	<0.787	<1.03	1.08	<0.694	<0.9	<0.708	<0.688
Silver	NSE	NSE	<0.228	0.33	<0.244	<0.22	<0.213	<0.262	<0.345	<0.257	<0.231	<0.3	<0.236	<0.229

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³ = RCLs based on protection of groundwater represent concentrations of contaminants that can remain in soil at a site and not cause a violation of a ch. NR 140 preventive action limit in groundwater

1.94 = Concentration exceeds ch. NR 720 RCL based on protection of groundwater, or suggested RCL for PAHs

Compiled by: JEG Checked by: RJH

Table 2 (Continued)
Soil Analytical Results - Site Investigation

Analytical Parameters	Generic RCLs ¹ based on direct contact ²	Generic RCLs ¹ based on protection of groundwater ³	Boring No./Depth (ft)/Date														
			PZ-9	PZ-10	10'S + 5'E of MW-3	10'S + 5'W of MW-3	10'N + 5'E of MW-3	10'N + 5'W of MW-3	10'S + 5'E of SB-4		10'S + 5'W of SB-4		10'N + 5'E of SB-4		10'N + 5'W of SB-4		
			4-6	2-4	0-2	0-2	0-2	0-2	0-2	2-4	0-2	0-2	2-4	0-2	2-4	0-2	2-4
			2/7/08	2/6/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08
DRO (mg/kg)	NSE	100	--	--	--	--	--	--	--	--	--	--	--	--	--		
pH	NSE	NSE	--	--	--	--	--	--	--	--	--	--	--	--	--		
Semi VOCs (mg/kg)																	
Acenaphthene	60,000	38	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Acenaphthylene	360	0.7	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Anthracene	300,000	3,000	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Benzdine	NSE	NSE	<4.00	<4.01	--	--	--	--	--	--	--	--	--	--	--		
Benzo(a)Anthracene	3.9	17	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Benzo(b)Fluoranthene	3.9	360	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Benzo(k)Fluoranthene	39	870	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Benzo(a)Pyrene	0.39	48	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Benzo(ghi)Perylene	39	6,800	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Benzyl alcohol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Butyl benzyl phthalate	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Bis(2-chloroethyl)ether	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Bis(2-chloroethoxy)methane	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Bis(2-ethylhexyl)phthalate	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Bis(2-chloroisopropyl) ether	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
4-Bromophenyl phenyl ether	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Carbazole	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
4-Chloroaniline	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
2-Chloronaphthalene	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
4-Chlorophenyl phenyl ether	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Chrysene	390	37	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Dibenzo(a,h)Anthracene	0.39	38	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Dibenzofuran	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Di-n-butyl phthalate	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
1,2-Dichlorobenzene	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
1,3-Dichlorobenzene	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
1,4-Dichlorobenzene	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
3,3-Dichlorobenzidine	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Diethyl phthalate	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Dimethyl phthalate	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
2,4-Dinitrotoluene	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
2,6-Dinitrotoluene	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Di-n-octyl phthalate	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Fluoranthene	40,000	500	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Fluorene	40,000	100	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Hexachlorobenzene	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Hexachlorobutadiene	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Hexachlorocyclopentadiene	NSE	NSE	<0.799	<0.802	--	--	--	--	--	--	--	--	--	--	--		
Hexachloroethane	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Indeno(1,2,3-cd)Pyrene	3.9	680	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Isophorone	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
1-Methyl Naphthalene	70,000	23	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		
Naphthalene	110	0.4	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--		

Table 2 (Continued)
Soil Analytical Results - Site Investigation

Analytical Parameters	Generic RCLs ¹ based on direct contact ²	Generic RCLs ¹ based on protection of groundwater ³	Boring No./Depth (ft)/Date												
			PZ-9	PZ-10	10'S + 5'E of MW-3	10'S + 5'W of MW-3	10'N + 5'E of MW-3	10'N + 5'W of MW-3	10'S + 5'E of SB-4		10'S + 5'W of SB-4	10'N + 5'E of SB-4		10'N + 5'W of SB-4	
			4-6	2-4	0-2	0-2	0-2	0-2	0-2	2-4	0-2	0-2	2-4	0-2	2-4
			2/7/08	2/6/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08
Semi VOCs (mg/kg)															
2-Nitroaniline	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
3-Nitroaniline	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
4-Nitroaniline	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
Nitrobenzene	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodi-n-propylamine	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	390	1.8	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
Pyrene	30000	8700	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
Benzoic acid	NSE	NSE	<0.799	<0.802	--	--	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
2-Chlorophenol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
Cresol(s)	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol (o-Cresol)	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
4-Methylphenol (p-Cresol)	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
2-Nitrophenol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
4-Nitrophenol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
Phenol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	NSE	NSE	<0.400	<0.401	--	--	--	--	--	--	--	--	--	--	--
VOCs (mg/kg)															
Benzene	NSE	0.0055	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	NSE	NSE	<0.042	<0.042	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Bromoform	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	NSE	NSE	<0.12	<0.12	--	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Carbon Tetrachloride	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Chlorodibromomethane	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	NSE	NSE	<0.061	<0.061	--	--	--	--	--	--	--	--	--	--	--
Chloroform	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	NSE	NSE	<0.061	<0.061	--	--	--	--	--	--	--	--	--	--	--
o-Chlorotoluene	NSE	NSE	<0.061	<0.061	--	--	--	--	--	--	--	--	--	--	--
p-Chlorotoluene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	NSE	NSE	<0.061	<0.061	--	--	--	--	--	--	--	--	--	--	--

Table 2 (Continued)
Soil Analytical Results - Site Investigation

Analytical Parameters	Generic RCLs ¹ based on direct contact ²	Generic RCLs ¹ based on protection of groundwater ³	Boring No./Depth (ft)/Date												
			PZ-9	PZ-10	10'S + 5'E of MW-3	10'S + 5'W of MW-3	10'N + 5'E of MW-3	10'N + 5'W of MW-3	10'S + 5'E of SB-4		10'S + 5'W of SB-4	10'N + 5'E of SB-4		10'N + 5'W of SB-4	
			4-6	2-4	0-2	0-2	0-2	0-2	0-2	2-4	0-2	0-2	2-4	0-2	2-4
			2/7/08	2/6/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08	2/7/08
VOCs (mg/kg)															
1,2-Dibromoethane	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Dibromomethane	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	NSE	NSE	<0.061	<0.061	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	NSE	0.0049	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethylene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethylene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethylene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloropropene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
2,3-Dichloropropene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Isopropyl Ether	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	NSE	2.9	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	NSE	NSE	<0.043	<0.042	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Methylene Chloride	NSE	NSE	<0.061	<0.061	--	--	--	--	--	--	--	--	--	--	--
Methyl tert Butyl Ether	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	110	0.4	<0.061	0.062	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Styrene	NSE	1.5	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,1,1,2-Tetrachloroethane	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethylene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
Toluene	NSE	1.5	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NSE	NSE	<0.043	<0.042	--	--	--	--	--	--	--	--	--	--	--
Trichloroethylene	NSE	3.7*	1.5	2.6	--	--	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane	NSE	NSE	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	NSE	NSE	<0.061	<0.061	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	NSE	NSE	<0.030	0.2	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	NSE	NSE	<0.030	0.05	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	NSE	NSE	<0.043	<0.042	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	NSE	4.1	<0.100	<0.100	--	--	--	--	--	--	--	--	--	--	--

Table 2 (Continued)
Soil Analytical Results - Site Investigation

Analytical Parameters	Generic RCLs ¹ based on direct contact ²	Generic RCLs ¹ based on protection of groundwater ³	Boring No./Depth (ft)/Date												
			PZ-9	PZ-10	10'S + 5'E of MW-3	10'S + 5'W of MW-3	10'N + 5'E of MW-3	10'N + 5'W of MW-3	10'S + 5'E of SB-4		10'S + 5'W of SB-4	10'N + 5'E of SB-4		10'N + 5'W of SB-4	
			4-6 2/7/08	2-4 2/6/08	0-2 2/7/08	0-2 2/7/08	0-2 2/7/08	0-2 2/7/08	0-2 2/7/08	2-4 2/7/08	0-2 2/7/08	0-2 2/7/08	2-4 2/7/08	0-2 2/7/08	2-4 2/7/08
RCRA Total Metals (mg/kg)															
Arsenic	1.6	NSE	6.9	7.2	4.1	6.6	4.8	5.5	5.2	2.5	7.1	3.2	5.5	4.4	3.1
Barium	NSE	NSE	15	34	--	--	--	--	--	--	--	--	--	--	--
Cadmium	510	NSE	< 0.12	<0.12	--	--	--	--	--	--	--	--	--	--	--
Chromium	NSE	NSE	6.5	6.9	--	--	--	--	--	--	--	--	--	--	--
Lead	500	NSE	6	6.5	--	--	--	--	--	--	--	--	--	--	--
Mercury	NSE	NSE	< 0.012	0.03	--	--	--	--	--	--	--	--	--	--	--
Selenium	NSE	NSE	< 4.9	<4.8	--	--	--	--	--	--	--	--	--	--	--
Silver	NSE	NSE	< 0.13	<0.18	--	--	--	--	--	--	--	--	--	--	--

-- = Not analyzed for indicated parameter

RCL = Residual contaminant levels for soils published in ch. NR 720, Wis. Adm. Code

NSE = No Standard Established

¹ = Generic RCLs for PAH compounds are suggested only. Suggested RCLs have not been adopted into Wisconsin Administrative Code

² = RCLs based on human health risk from direct contact (ingestion of soil or inhalation of particulate matter) at industrial land use sites

³ = RCLs based on protection of groundwater represent concentrations of contaminants that can remain in soil at a site and not cause a violation of a ch. NR 140 preventive action limit in groundwater

* = Generic RCLs calculated using the U.S. EPA Soil Screening Level website and WDNR Publication RR-682 dated January 11, 2002

1.94 = Concentration exceeds ch. NR 720 RCL based on protection of groundwater, or suggested RCL for PAHs

Compiled by: JEG Checked by: RJH

Table 2 (Continued)
Soil Analytical Results - Pesticides and PCBs

Analytical Parameters	Boring No./Depth (ft)/Date				
	B-1	B-1	B-10	Transformer Pad	
	0-2	4-6	0.5-1.5	0-0.5	0.5-1.5
	2/13/06	2/13/06	2/14/06		
Pesticides (µg/kg)					
Alachlor	<2.28	<2.17	--	--	--
Atrazine	<2.18	<2.07	--	--	--
Butylate	<1.14	<1.08	--	--	--
Chlorpyrifos	<1.76	<1.67	--	--	--
Cyanazine	<2.25	<2.14	--	--	--
Desethyl atrazine	<2.32	<2.20	--	--	--
Desisopropyl atrazine	<3.51	<3.34	--	--	--
EPTC (Eptam)	<6.44	<6.12	--	--	--
Metolachlor	<2.42	<2.31	--	--	--
Metribuzin	<2.59	<2.46	--	--	--
Pendimethalin	<2.08	<1.98	--	--	--
Prometon	<3.27	<3.11	--	--	--
Propazine	<2.12	<2.02	--	--	--
Simazine	<2.05	<1.95	--	--	--
Trifluralin	<2.07	<1.97	--	--	--
Acetochlor	<5.85	<5.57	--	--	--
Dimethenamid	<3.86	<3.67	--	--	--
PCBs (µg/kg)					
Arochlor 1016	--	--	<6.4	<0.0672	<0.0667
Arochlor 1221	--	--	<5.3	<0.0672	<0.0667
Arochlor 1232	--	--	<5.2	<0.0672	<0.0667
Arochlor 1242	--	--	<5.6	<0.0672	<0.0667
Arochlor 1248	--	--	<4.1	<0.0672	<0.0667
Arochlor 1254	--	--	18	<0.0672	<0.0667
Arochlor 1260	--	--	<3.8	<0.0672	<0.0667
Arochlor 1268	--	--	--	<0.0672	<0.0667
-- = Not analyzed for					
Compiled by: <u>JEG</u> Checked by: <u>RJH</u>					

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS (VOC)
 NEWELL RUBBERMAID - MIRRO PLANT #20
 CHILTON, WISCONSIN
 All Contaminants Shown In mg/kg - Only Contaminants With Detects Shown

Sample ID	Sample Date	Feet (bgs)	Benzene	tert-Butyl benzene	sec-Butyl benzene	n-Butyl benzene	1,2-DCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Ethyl benzene	Isopropyl benzene	p-Isopropyl toluene	DB CM	Methylene chloride	Naphthalene	n-Propyl benzene	1,1,2,2-Tetrachloroethane	Toluene	1,1,1-TCA	PCE	1,2,4-TMB	1,3,5-TMB	Chloro methane	Vinyl Chloride	Xylenes	
SB-1	07/15/02	0-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-2	07/15/02	0-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.057
SB-3	07/15/02	0-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.070	ND	ND	ND	ND	ND	ND	ND	0.034	ND	ND	ND	ND	ND	0.059
SB-4	07/15/02	0-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.160	ND	ND	ND	ND	ND	0.025 ^J	ND	0.15	ND	ND	0.095	0.061	ND	ND	1.970	
SB-4	07/15/02	4-7	ND	0.046	0.410	0.083	ND	ND	ND	ND	ND	0.076	2.700	0.200	0.25	ND	0.061	2.000	ND	ND	ND	ND	3.900	ND	ND	ND	0.800	
SB-4	07/15/02	8-12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.120	ND	ND	ND	ND	0.066	ND	0.025 ^J	ND	ND	0.130	ND	ND	ND	0.184	
SB-6	07/15/02	6-7	ND	ND	0.140	0.060	ND	ND	ND	ND	ND	0.051	0.250	0.170	ND	ND	ND	0.200	ND	ND	ND	ND	0.460	ND	ND	ND	0.220	
SB-7	07/15/02	6-7	ND	ND	0.180	0.130	ND	ND	ND	ND	ND	ND	0.063	ND	ND	ND	ND	0.100	ND	ND	ND	ND	0.170	ND	ND	ND	ND	
SB-7	07/15/02	10-11	ND	ND	0.086	0.074	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.045	ND	ND	ND	ND	0.056	ND	ND	ND	ND	
SB-8	07/15/02	6-7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SB-8	07/15/02	11-12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SB-9	07/15/02	7-8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SB-10	07/15/02	5-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SB-11	07/15/02	6-7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SB-12	07/15/02	5-8	ND	0.090	0.570	0.790	ND	ND	ND	ND	ND	ND	0.150	0.130	ND	ND	0.089	0.350	ND	ND	ND	ND	4.100	0.094	ND	ND	ND	
Residual Contaminant Levels			0.0055	-	-	-	0.0049	-	-	-	-	2.9	-	-	-	-	0.4†	-	-	1.5	-	-	-	-	-	-	-	4.1

ND = Not Detected mg/kg = milligrams per kilogram † = recommended RCL shaded = exceeds RCL TMB = Trimethylbenzene DBCM = Dibromochloromethane
 DCE = Dichloroethene DCA = Dichloroethane TCA = Trichloroethane PCE = Tetrachloroethene J = Analyte detected between LOD and LOQ

August 11, 2002

Table 2
SOIL SAMPLE ANALYTICAL RESULTS
POLYAROMATIC HYDROCARBONS (PAH)
NEWELL RUBBERMAID - MIRRO PLANT #20
CHILTON, WISCONSIN
All Contaminants Shown In (mg/kg)

Sample ID	SB-1 0' - 4' 07/15/02	SB-6 6' - 7' 07/15/02	SB-7 6' - 7' 07/15/02	Suggested Generic RCL (1)
Acenaphthene	ND	ND	ND	38
Acenaphthylene	ND	ND	ND	0.7
Anthracene	ND	ND	ND	3000
Benzo (a) anthracene	ND	ND	ND	17
Benz (a) pyrene	ND	ND	ND	48
Benzo (b) fluoranthene	ND	ND	ND	360
Benzo (ghi) perylene	ND	ND	ND	6800
Benzo (k) fluoranthene	ND	ND	ND	870
Chrysene	ND	ND	ND	37
Dibenz (a,h) anthracene	ND	ND	ND	38
Fluoranthene	ND	ND	ND	500
Fluorene	ND	ND	ND	100
Indeno (1,2,3-cd) pyrene	ND	ND	ND	680
1-Methyl naphthalene	ND	ND	ND	23
2-Methyl naphthalene	ND	ND	ND	20
Naphthalene	ND	ND	ND	0.4
Phenanthrene	ND	0.042 ^J	0.055 ^J	1.8
Pyrene	ND	ND	ND	8700

(1) = for protection of groundwater
mg/kg = milligrams per kilogram

^J = detected between LOD & LOQ
ND = no detect

November 5, 2002

Table 2
SOIL SAMPLE ANALYTICAL RESULTS
POLYAROMATIC HYDROCARBONS (PAH)
NEWELL RUBBERMAID - MIRRO PLANT #20
CHILTON, WISCONSIN
All Contaminants Shown In (mg/kg)

Sample ID	SB-8 6' - 7' 07/15/02	SB-12 5' - 8' 07/15/02	MW-4 2' - 8' 09/26/02	Suggested Generic RCL (1)
Acenaphthene	ND	ND	ND	38
Acenaphthylene	ND	ND	ND	0.7
Anthracene	ND	ND	ND	3000
Benzo (a) anthracene	ND	ND	ND	17
Benz (a) pyrene	ND	ND	17	48
Benzo (b) fluoranthene	ND	ND	16	360
Benzo (ghi) perylene	ND	ND	15	6800
Benzo (k) fluoranthene	ND	ND	ND	870
Chrysene	ND	ND	20	37
Dibenz (a,h) anthracene	ND	ND	ND	38
Fluoranthene	ND	ND	27	500
Fluorene	ND	ND	ND	100
Indeno (1,2,3-cd) pyrene	ND	ND	ND	680
1-Methyl naphthalene	ND	0.080 ^J	ND	23
2-Methyl naphthalene	ND	ND	16	20
Naphthalene	ND	0.010 ^J	ND	0.4
Phenanthrene	ND	0.038 ^J	34	1.8
Pyrene	ND	ND	34	8700

(1) = for protection of groundwater
mg/kg = milligrams per kilogram

^J = detected between LOD & LOQ
ND = no detect

November 5, 2002

TABLE 3
FORMER MIRRO PLANT #20
CHILTON, WISCONSIN
SOIL ANALYTICAL RESULTS TABLE: METALS
 All contaminants shown in mg/kg

Sample ID	Sample Date	Depth (feet bgs)	Arsenic	Barium	Cadmium	Chromium	Chromium trivalent	Chromium hexavalent	Lead	Mercury	Selenium	Silver
SB-2	07/15/02	0 - 4	6.0	79	1.0 ^J	29	NA	NA	97	0.28	17	4.1
SB-3	07/15/02	0 - 4	2.5	112	1.1 ^J	123	NA	NA	201	0.20	5.0 ^J	2.2 ^J
SB-3	07/15/02	6 - 7	1.1 ^J	40	ND	92	NA	NA	6.2 ^J	0.016 ^J	ND	ND
SB-4	07/15/02	0 - 4	32	52	ND	2100	NA	NA	65	0.11	39	22
SB-4	07/15/02	4 - 7	10 ^J	29	ND	1770	NA	NA	20	0.13	ND	12 ^J
SB-4	07/15/02	8 - 12	10	21	ND	168	NA	NA	6.7 ^J	0.12	15	2.1 ^J
SB-5	07/15/02	0 - 4	4.6	67	ND	156	NA	NA	88	0.37	5.4 ^J	4.7
SB-6	07/15/02	6 - 7	2.0	58	ND	20	NA	NA	19	0.024	7.3 ^J	3.9
MW-1	09/26/02	0 - 2	7.6	NA	0.63	44	44	ND	42	NA	NA	NA
MW-2	09/26/02	2 - 4	5.5	NA	1.2	80	80	ND	60	NA	NA	NA
MW-3	09/26/02	0 - 2	17	NA	2.3	1,600	1,600	ND	390	NA	NA	NA
MW-4	09/26/02	2 - 4	5.5	NA	0.84	760	760	ND	63	NA	NA	NA
Residual Contaminant Levels		NI	0.039	-	8	16000	-	-	50	-	-	-
		I	1.6	-	510	-	-	-	500	-	-	-

ND = No Detect mg/kg = milligrams per kilogram NI = non-industrial I = industrial
 shaded = Industrial Exceedance

TABLE 4
SOIL SAMPLE ANALYTICAL RESULTS
 DIESEL RANGE ORGANICS (DRO)
 NEWELL RUBBERMAID - MIRRO PLANT #20
 CHILTON, WISCONSIN

Sample ID	Sample Date	Feet (bgs)	DRO (mg/kg)
SB-1	07/15/02	0 - 4	ND
SB-2	07/15/02	0 - 4	ND
SB-3	07/15/02	0 - 4	10
SB-6	07/15/02	6 - 7	30
SB-10	07/15/02	5 - 6	ND
SB-11	07/15/02	6 - 7	ND
Residual Contaminant Level (RCL)			100
ND	= No Detect	mg/kg	= milligrams per kilogram
bgs	= below ground surface	shaded	= exceeds RCL

August 11, 2002

TABLE 5
SOIL ANALYTICAL RESULTS TABLE: PCB
NEWELL RUBBERMAID - MIRRO PLANT #20
CHILTON, WISCONSIN
All Contaminants Shown in $\mu\text{g}/\text{kg}$

Sample ID	Sample Date	Depth (feet bgs)	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
SB-5	07/15/02	0 - 4	ND	ND	ND	ND	ND	ND	ND
Residual Contaminant Levels									

ND = No Detect

$\mu\text{g}/\text{kg}$ = micrograms per kilogram

August 11, 2002

Table A.3
Residual Soil Contamination Table

Table A.3

Analytical Parameters	Direct Contact Industrial Site RCLs (mg/kg)	Groundwater Pathway RCLs (mg/kg)	Boring No./Depth Below Surface(ft)																
			SB-2	SB-3	SB-5	SB-6	MW-1	MW-2	MW-4	MW-7	MW-8	MW-9	B-6	B-7	B-8	B-9	B-10	PZ-9	PZ-10
			0-4	0-4	0-4	6-7	0-2	2-4	2-4	0-4	4-6	0-4	1.5-3	1-2.5	1-2.5	1-2	0.5-1.5	4-6	2-4
VOCs (mg/kg)																			
Methylene Chloride	1150	.0026															0.174		
Tetrachloroethylene	145	.0045															0.133		
Trichloroethylene	8.41	.0036																1.5	2.6
1,2,4 Trimethylbenzene	219	1.38																	
Xylenes	260	3.96												4.29	91.9	4.74			
Metals (mg/kg)																			
Cadmium	985	0.752	1.0	1.1					1.2	0.84		0.804							
Lead	800	27	97	201	88		42	42	63				50.8						
Mercury	3.13	0.208	0.28		0.37														
Selenium	5840	0.52	17	5.0	5.4	7.3				1.08			2.52						
Silver	5840	0.849	4.1	2.2	4.7	3.9													
PAHs (mg/kg)																			
Benzo (a) Pyrene	2.11	0.47								0.815									
Benzo (b) Fluoranthene	21.1	0.48								1.01									
Chrysene	2110	0.15								1.09									
Naphthalene	24.1	0.66													3.69				

Bold = Exceeds Direct Contact Residual Contaminant Level (RCL) for Industrial Sites

Only the detected concentrations of parameters exceeding their respective RCLs for either the direct contact pathway or the groundwater pathway are listed.

Only parameters with one or more RCL exceedance are listed.

Samples analyzed from off-site locations are not included in this table.

Compiled by: JEG Checked by: MFR

Figures

Figure 1 – TEMCO Soil Boring Locations

Figure 2 – Site Location

Figure 3 – Site Plan

Figure 4 – Excavation Limits

Figure 5 – Residual Soil Contamination

Figure 6 – Geologic Cross Sections (2 Figures)

Figure 7 – Estimated Extent of Groundwater Contamination

Figure 8 – Groundwater Contours (7 Figures)

Figure 9 – Site Features

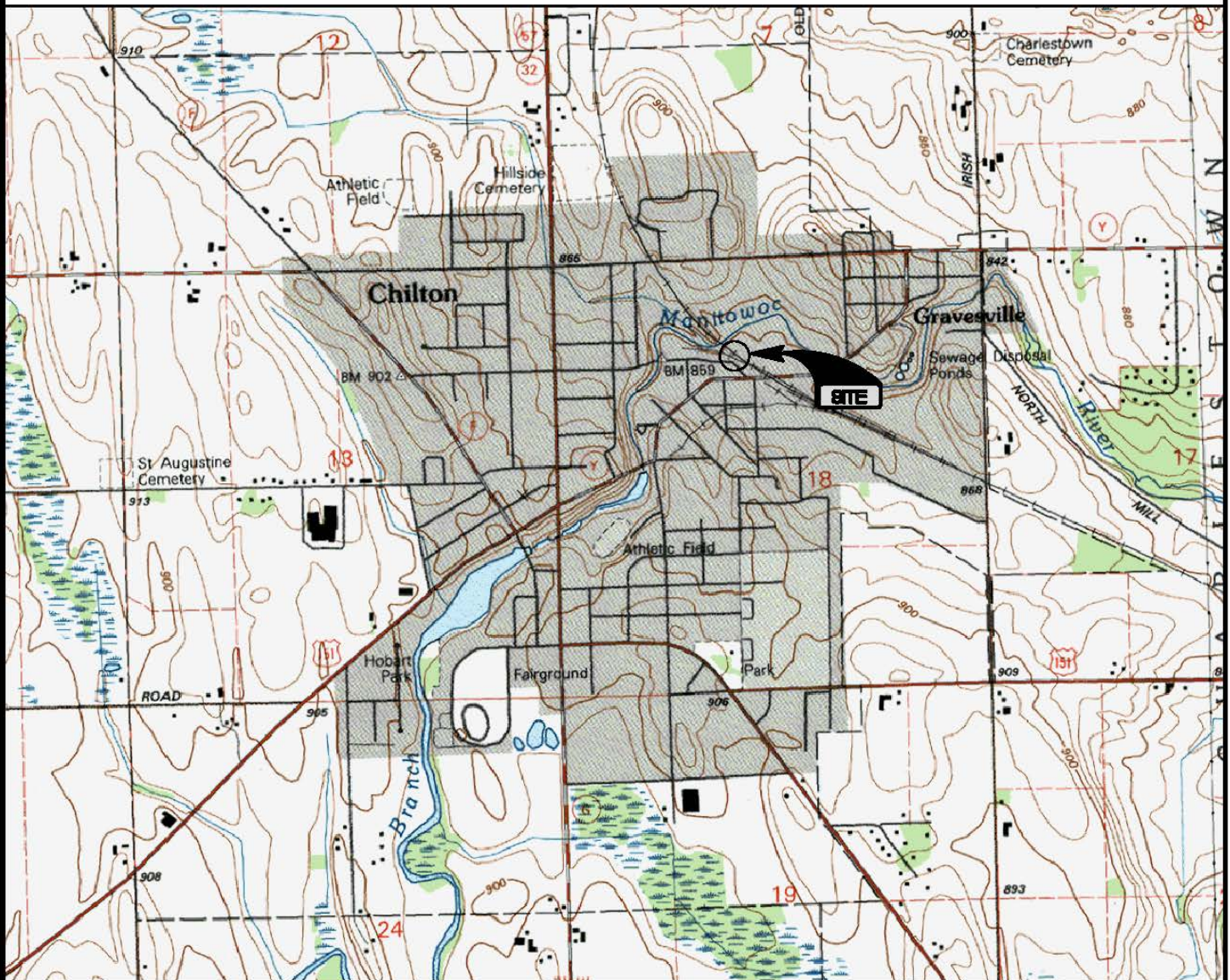
REPRODUCED FROM
USGS CHILTON QUADRANGLE
 WISCONSIN - CALUMET CO. 7.5 MINUTE SERIES
 1995



TOWNSHIP: 18N
RANGE: 20E
SECTION: 18



SCALE IN FEET
 0 500 1000 2000

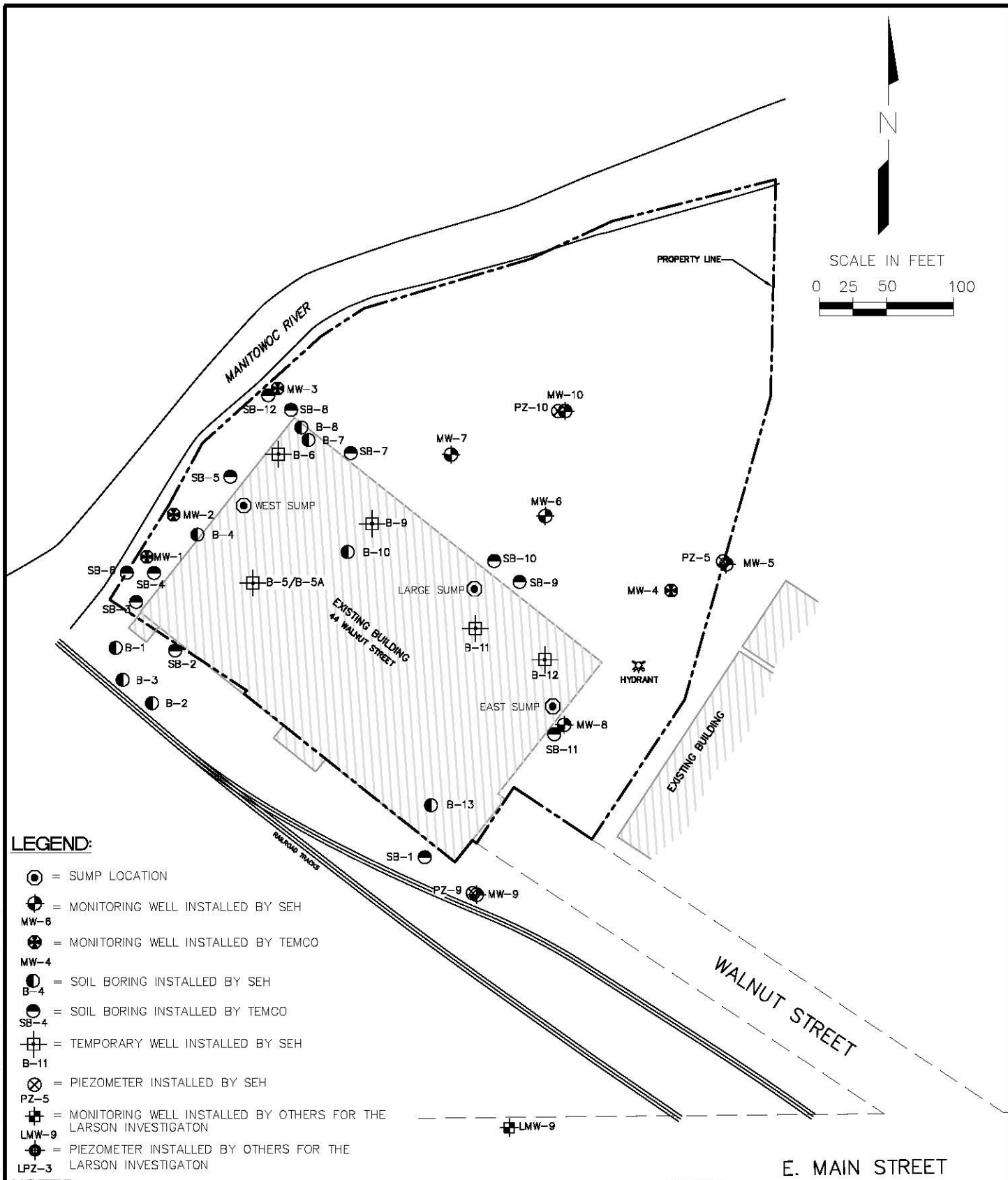


DRAWING DIRECTORY: P:\KOW\NERUB\050200\FIGURES\CASE CLOSURE REQUEST\FIGURE 1 - SITE LOCATION



1	10/27/10	CASE CLOSURE REQUEST	RJM	10/10	KEA	10/10		KEA	10/10
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK			
CASE CLOSURE REQUEST FORMER MIRRO PLANT #20 CHILTON, WISCONSIN			FIGURE 2 SITE LOCATION			PROJ. NO. NERUB0502			
						DATE 10/27/10			

DRAWING DIRECTORY: P:\K0\NERUB\050200\FIGURES\CASE CLOSURE REQUEST\FIGURE 2 - SITE PLAN



LEGEND:

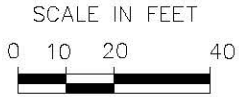
- ⊙ = SUMP LOCATION
- ⊕ = MONITORING WELL INSTALLED BY SEH
- MW-6 = MONITORING WELL INSTALLED BY TEMCO
- MW-4 = MONITORING WELL INSTALLED BY SEH
- B-4 = SOIL BORING INSTALLED BY SEH
- SB-4 = SOIL BORING INSTALLED BY TEMCO
- ⊕ = TEMPORARY WELL INSTALLED BY SEH
- B-11 = TEMPORARY WELL INSTALLED BY SEH
- ⊗ = PIEZOMETER INSTALLED BY SEH
- PZ-5 = PIEZOMETER INSTALLED BY SEH
- ⊕ = MONITORING WELL INSTALLED BY OTHERS FOR THE LARSON INVESTIGATOR
- LMW-9 = MONITORING WELL INSTALLED BY OTHERS FOR THE LARSON INVESTIGATOR
- ⊗ = PIEZOMETER INSTALLED BY OTHERS FOR THE LARSON INVESTIGATOR
- LPZ-3 = PIEZOMETER INSTALLED BY OTHERS FOR THE LARSON INVESTIGATOR

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	10/27/10	CASE CLOSURE REQUEST	RJH	10/10	KEA	10/10
CASE CLOSURE REQUEST FORMER MIRRO PLANT #20 CHILTON, WISCONSIN			FIGURE 3 SITE PLAN		PROJ. NO. NERUB0502	
					DATE 10/27/10	

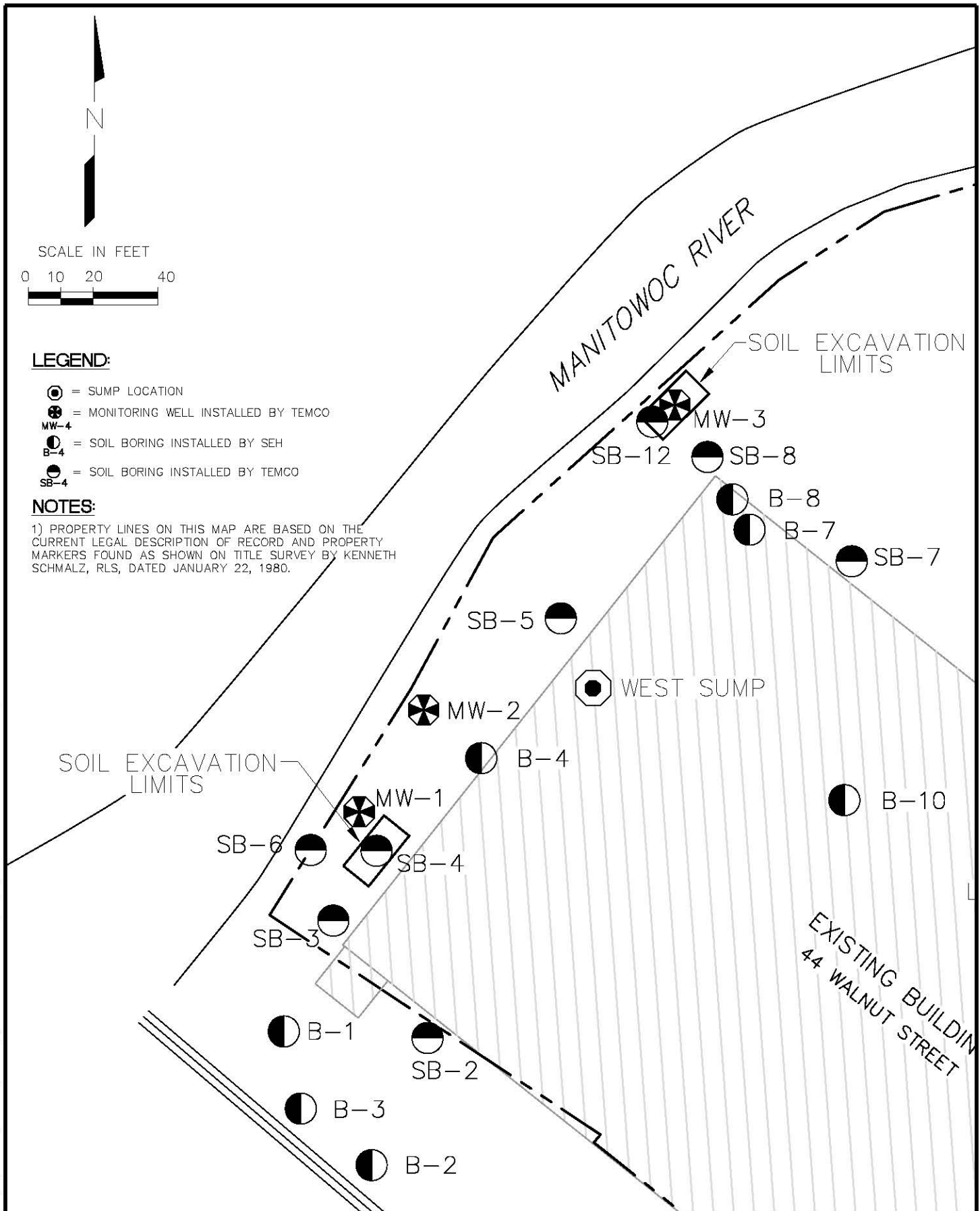


LEGEND:

- ⊙ = SUMP LOCATION
- ⊗ = MONITORING WELL INSTALLED BY TEMCO
- MW-4
- = SOIL BORING INSTALLED BY SEH
- B-4
- = SOIL BORING INSTALLED BY TEMCO
- SB-4

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.

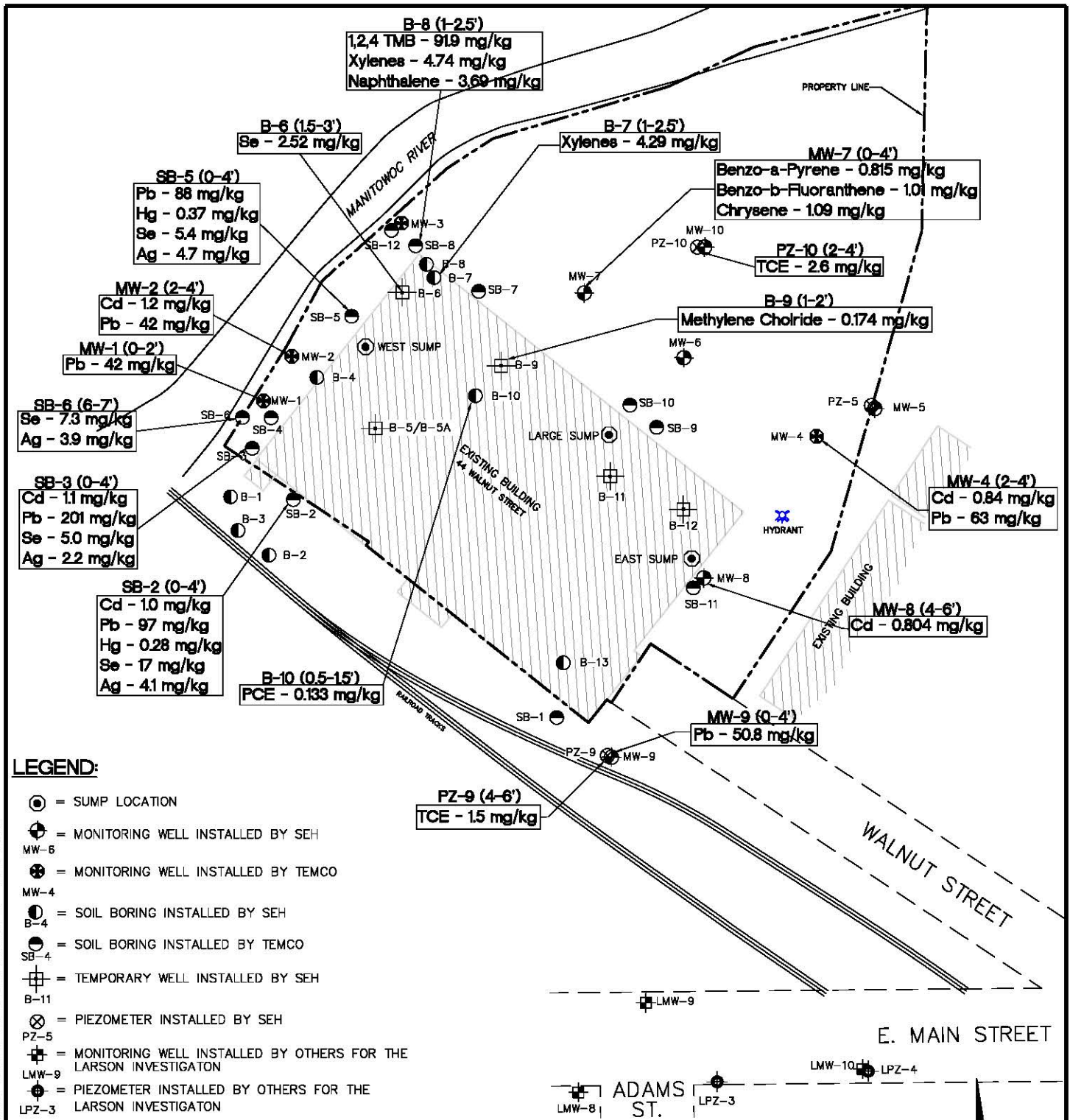


DRAWING DIRECTORY: P:\KO\N\NERUB\050200\FIGURES\CASE CLOSURE REQUEST\FIGURE 5 - EXCAVATION LIMITS



1	10/27/10	CASE CLOSURE REQUEST	RJH	10/10	KEA	10/10			KEA	10/10
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK				
CASE CLOSURE REQUEST FORMER MIRRO PLANT #20 CHILTON, WISCONSIN			FIGURE 4 EXCAVATION LIMITS			PROJ. NO. NERUB0502				
						DATE 10/27/10				

DRAWING DIRECTORY: P:\KOW\NERUB\050200\FIGURES\CASE CLOSURE REQUEST\FIGURE 2 - SITE PLAN

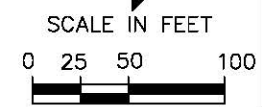


LEGEND:

- ⊙ = SUMP LOCATION
- ⊕ = MONITORING WELL INSTALLED BY SEH
- MW-6
- ⊕ = MONITORING WELL INSTALLED BY TEMCO
- MW-4
- = SOIL BORING INSTALLED BY SEH
- B-4
- = SOIL BORING INSTALLED BY TEMCO
- SB-4
- ⊕ = TEMPORARY WELL INSTALLED BY SEH
- B-11
- ⊗ = PIEZOMETER INSTALLED BY SEH
- PZ-5
- ⊕ = MONITORING WELL INSTALLED BY OTHERS FOR THE LARSON INVESTIGATOR
- LMW-9
- ⊗ = PIEZOMETER INSTALLED BY OTHERS FOR THE LARSON INVESTIGATOR
- LPZ-3

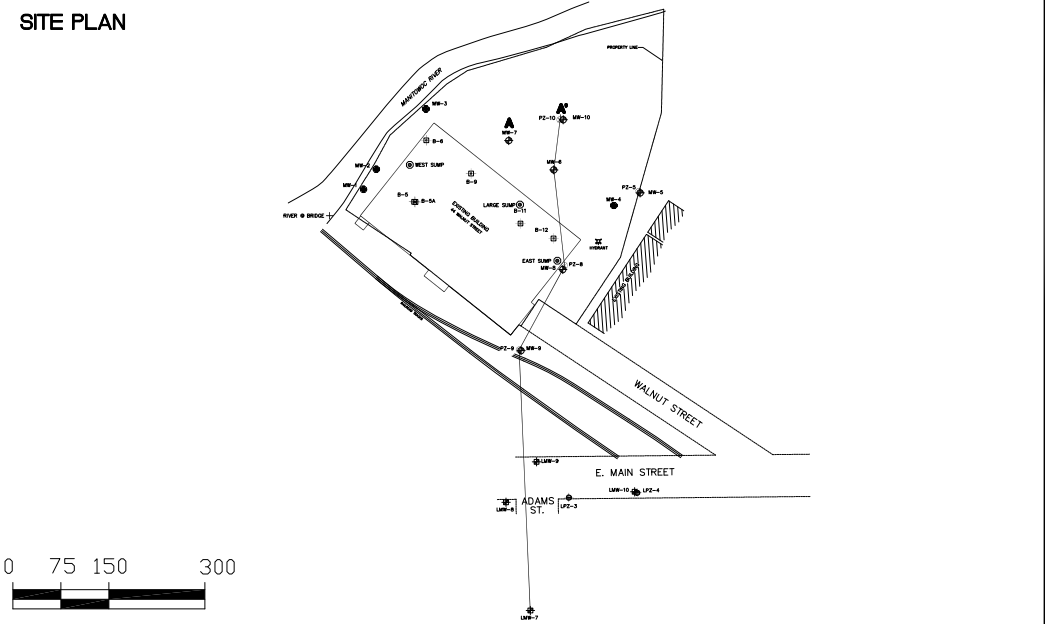
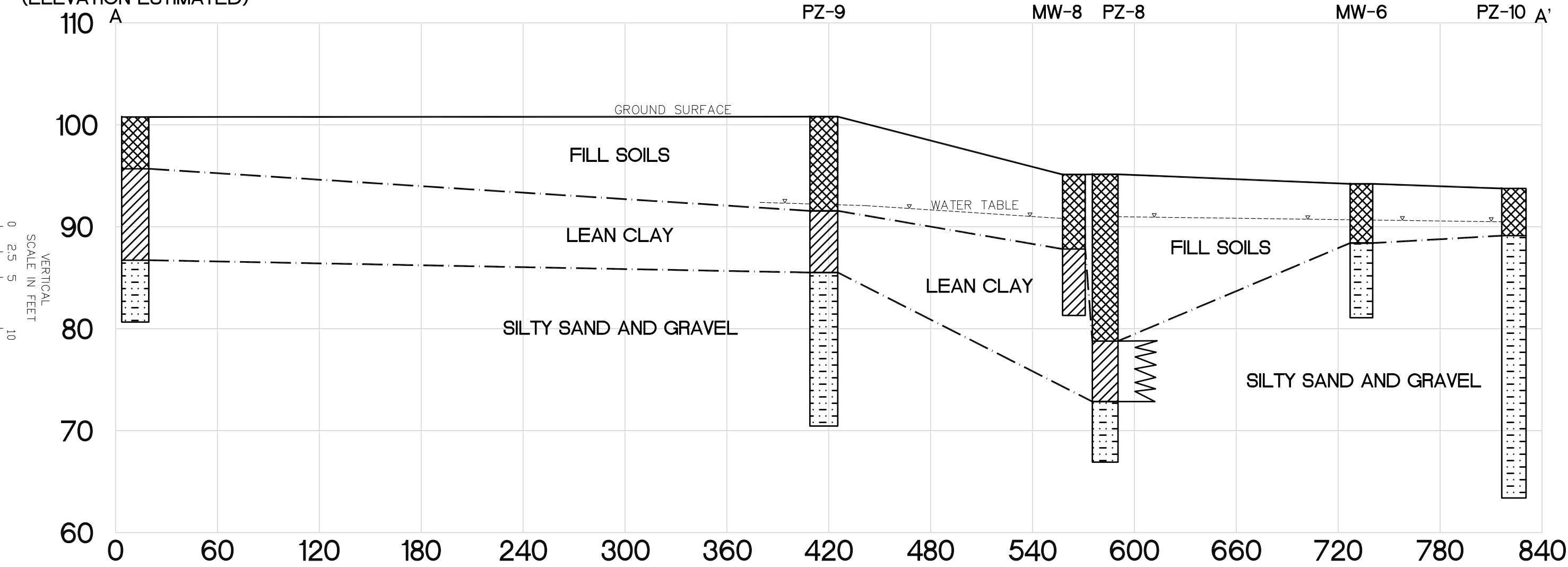
NOTES:

- 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.
- 2) RCL EXCEEDANCES AND ASSOCIATED CONCENTRATIONS PROVIDED WITHIN RECTANGLES FOR EACH SAMPLE POINT.
- 3) RCL EXCEEDANCES NOT ON PROPERTY OR PREVIOUSLY REMEDIATED ARE NOT SHOWN



1	03/19/18	CASE CLOSURE REQUEST	RJH 03/18	JEG 03/18		JEG 03/18
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK
<p align="center">CASE CLOSURE REQUEST FORMER MIRRO PLANT #20 CHILTON, WISCONSIN</p>			<p align="center">RESIDUAL SOIL CONTAMINATION</p>		PROJ. NO. NERUB0502 DATE 03/19/18	<p align="center">FIGURE 5</p>

LARSON'S
CLEANERS
LMW-7
(ELEVATION ESTIMATED)



SUPPLEMENTAL SITE INVESTIGATION
FORMER MIRRO PLANT #20
CHILTON, WISCONSIN

SUPPLEMENTAL SITE INVESTIGATION
FORMER MIRRO PLANT #20
CHILTON, WISCONSIN

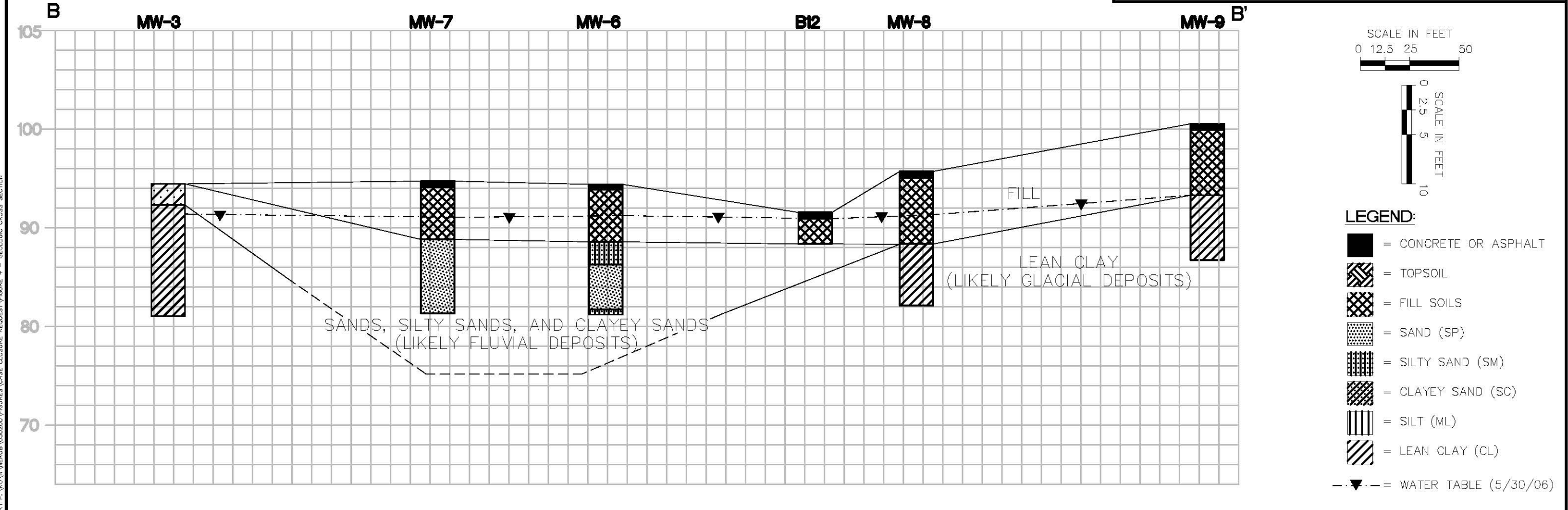
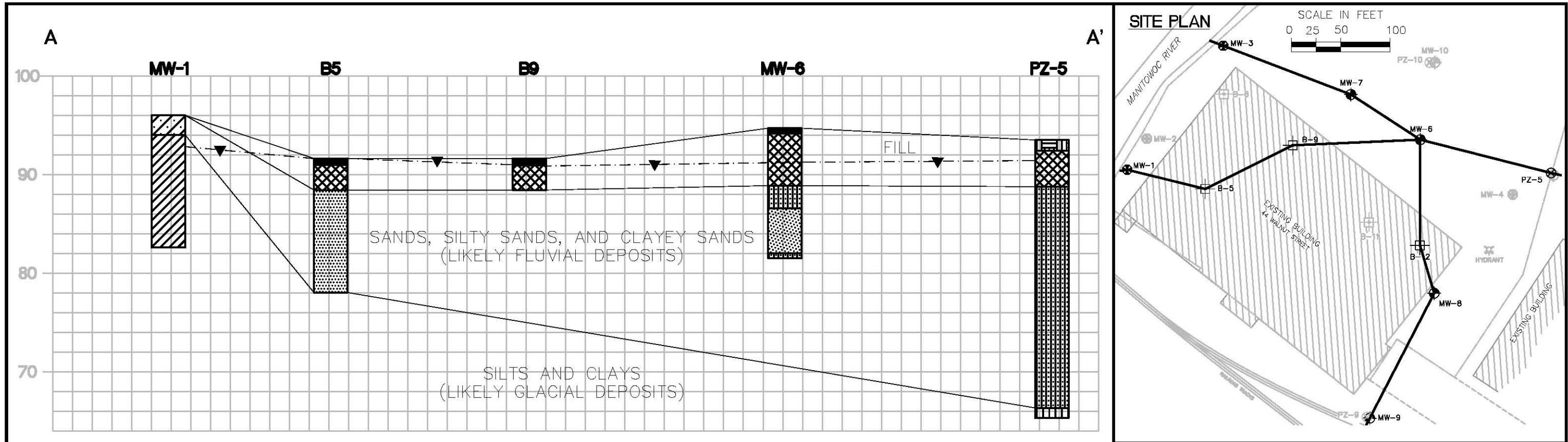
FIGURE 6.1
GEOLOGIC CROSS SECTION

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



PROJ. NO.
NERUB050102
DATE
06/07/13

DRAWING DIRECTORY: SBA\KOV\NERUB\050201\FEB 13 SAMPLING\FIGURES\FIGURE 3 - GEOLOGIC CROSS SECTION



DRAWING DIRECTORY: P:\KCO\N\NERUB\050200\FIGURES\CASE CLOSURE REQUEST\FIGURE 4 - GEOLOGIC CROSS SECTION

1	10/27/10	CASE CLOSURE REQUEST	RJH	10/10	JEG	10/10	KEA	10/10
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	QC CHECK			

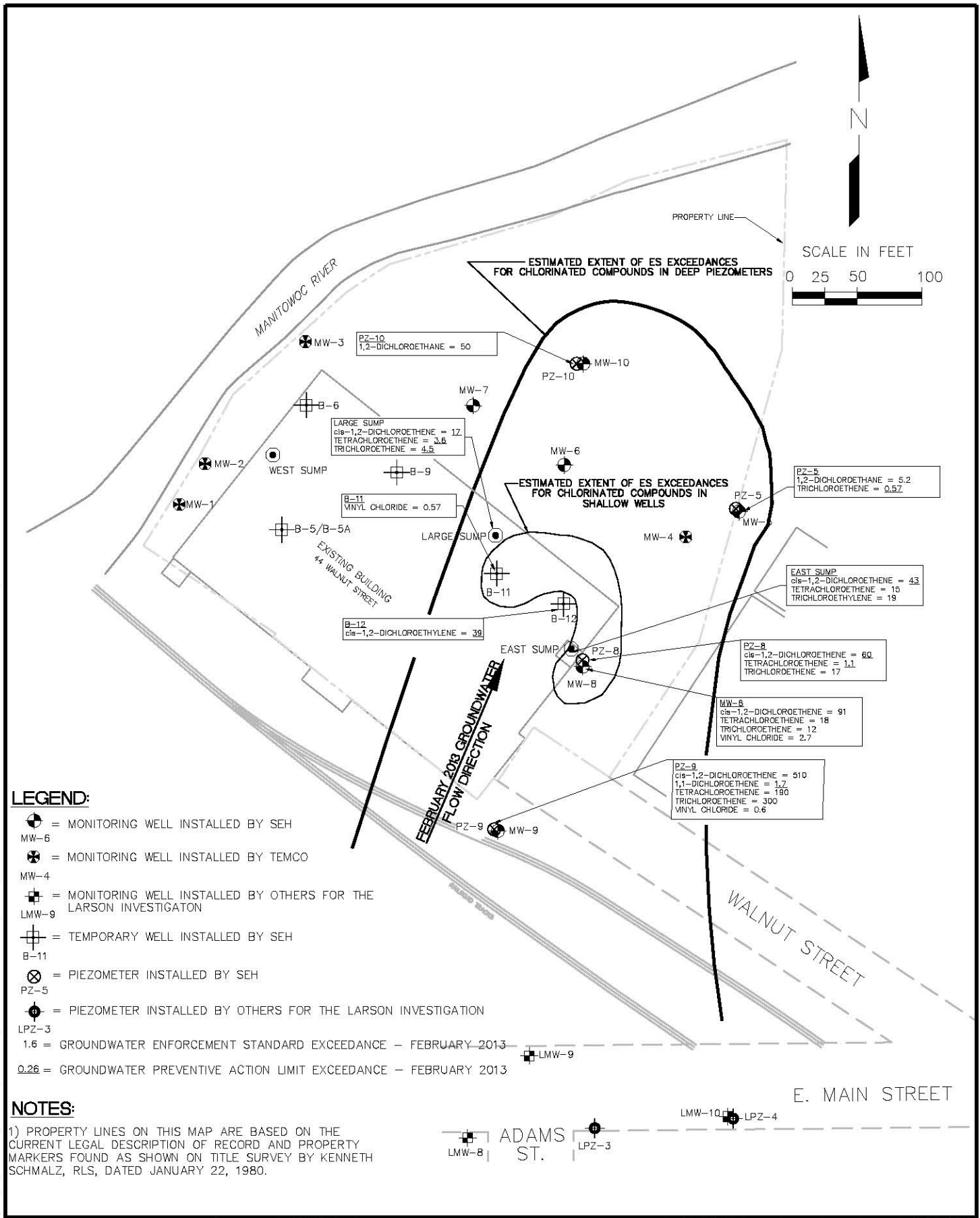


CASE CLOSURE REQUEST
FORMER MIRRO PLANT #20
CHILTON, WISCONSIN

FIGURE 6.2
GEOLOGIC CROSS SECTIONS

PROJ. NO. NERUB0502
DATE 10/27/10

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



LEGEND:

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

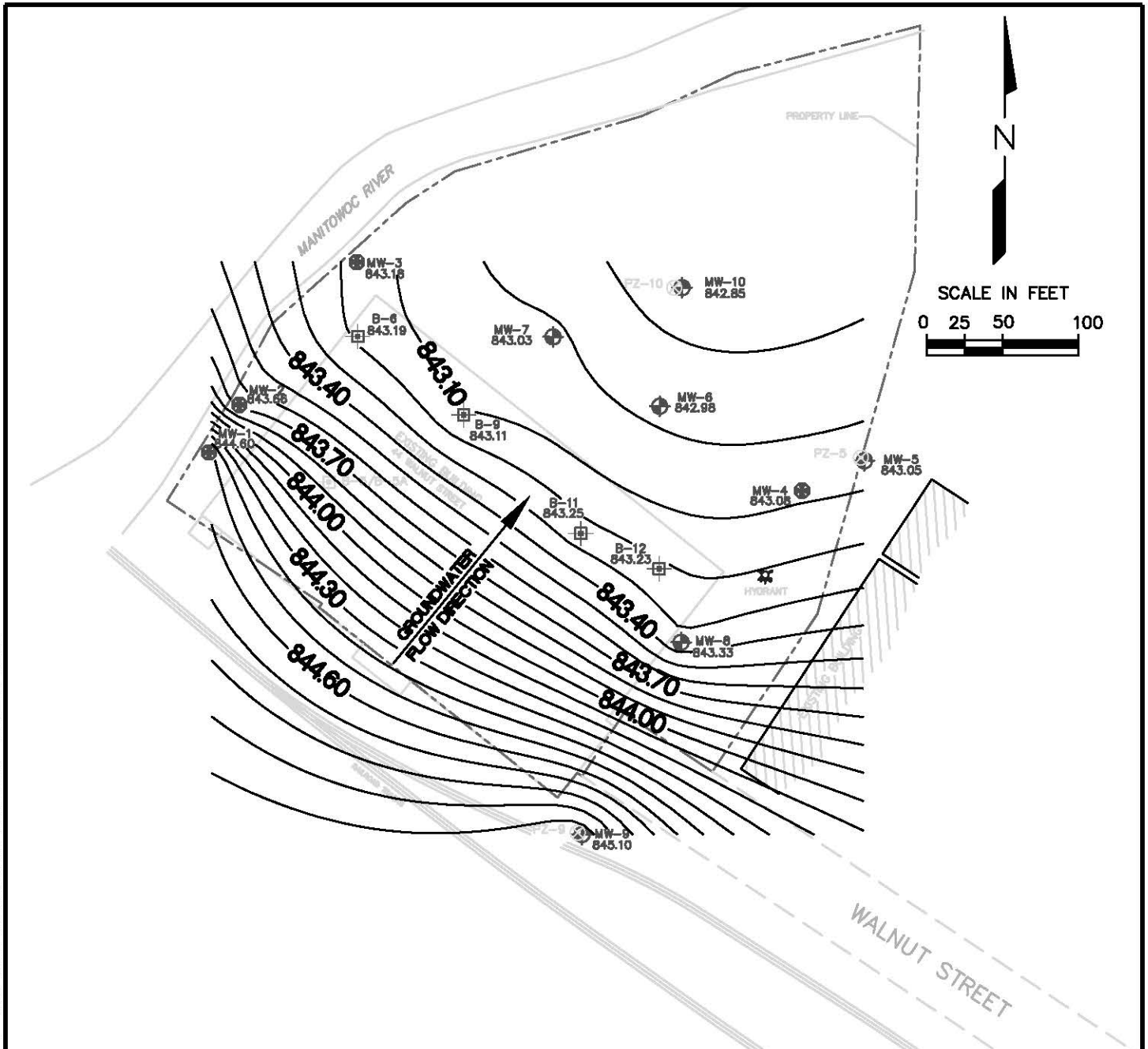
NOTES:

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.



1	4/23/13	PROJECT UPDATE	JJB	4/13			JM	4/13
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK		
SUPPLEMENTAL SITE INVESTIGATION FORMER MIRRO PLANT #20 CHILTON, WISCONSIN			FIGURE 7 ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION			PROJ. NO. NERUB0502		
						DATE 4/23/13		

DRAWING DIRECTORY: P:\KO\NERUB\050200\CASE CLOSURE\FIGURES\FIGURE 4 -- MAY 2008 GROUNDWATER CONTOURS -- SHALLOW WELLS



LEGEND:

- B-11**
843.25 TEMPORARY MONITORING WELL LOCATION/NUMBER AND MAY 2008 GROUNDWATER ELEV. (MSL)
- MW-10**
842.85 SEH MONITORING WELL LOCATION/NUMBER AND MAY 2008 GROUNDWATER ELEV. (MSL)
- MW-1**
844.60 TEMCO MONITORING WELL LOCATION/NUMBER AND MAY 2008 GROUNDWATER ELEV. (MSL)
- 844.30** GROUNDWATER ELEVATION CONTOUR (MAY 2008)
 CONTOUR INTERVAL = 0.10 FT/FT

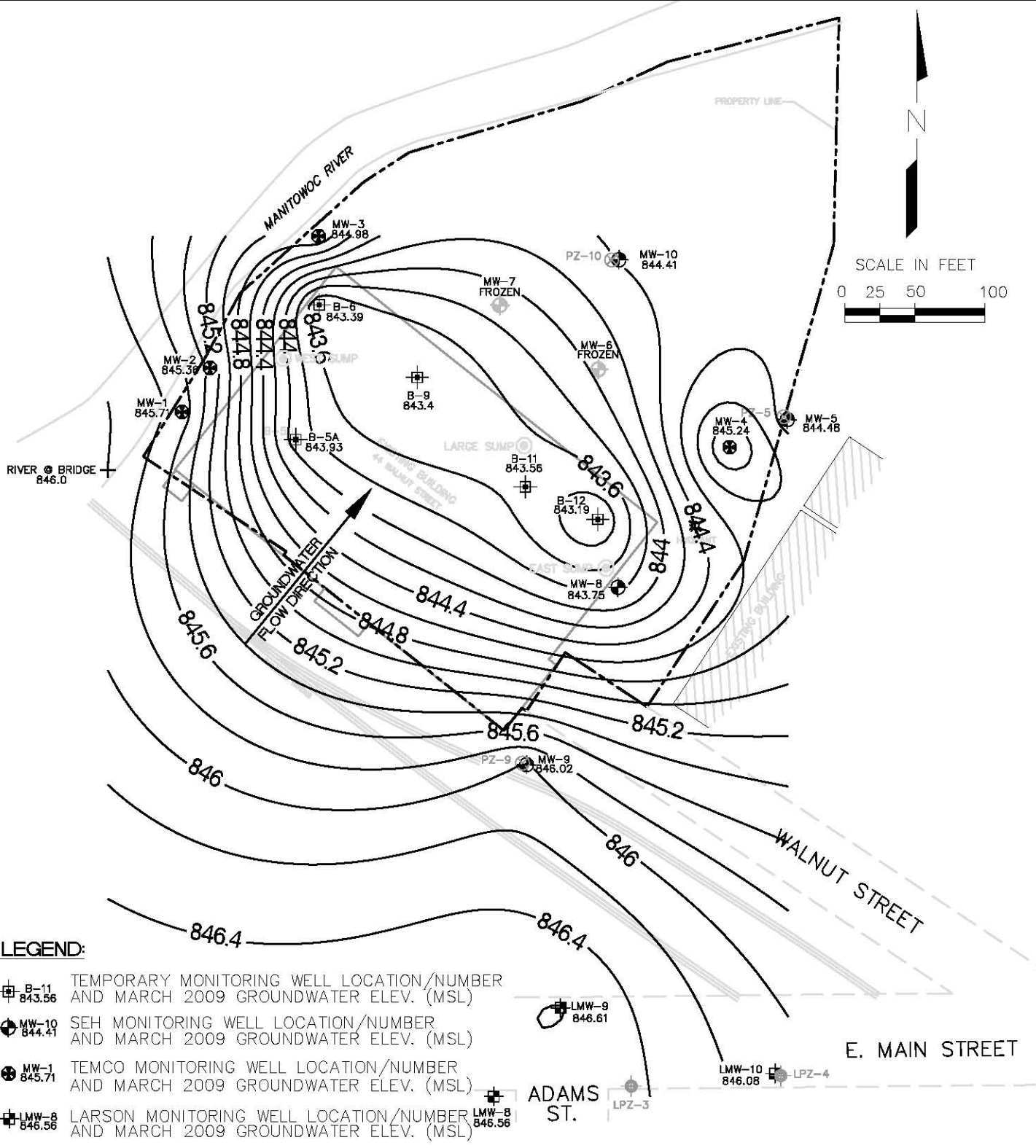
NOTES:

- 1) MW-1 THRU MW-4 WERE INSTALLED BY TEMCO INC.
- 2) 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, 1990.



NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK
1	12/01/09	CASE CLOSURE REQUEST	RJH	11/09	KEA	11/09
CASE CLOSURE REQUEST FORMER MIRRO PLANT #20 CHILTON, WISCONSIN			FIGURE 8.1 MAY 2008 GROUNDWATER CONTOURS SHALLOW WELLS		PROJ. NO.	KEA
					NERUB0502	11/09
					DATE	
					12/01/09	

DRAWING DIRECTORY: P:\KO\N\NERUB\050200\FIGURES\CASE CLOSURE REQUEST\FIGURE 8 - MARCH 2009 GROUNDWATER CONTOURS_SHALLOW WELLS



LEGEND:

- B-11**
843.56
TEMPORARY MONITORING WELL LOCATION/NUMBER AND MARCH 2009 GROUNDWATER ELEV. (MSL)
- MW-10**
844.41
SEH MONITORING WELL LOCATION/NUMBER AND MARCH 2009 GROUNDWATER ELEV. (MSL)
- MW-1**
845.71
TEMCO MONITORING WELL LOCATION/NUMBER AND MARCH 2009 GROUNDWATER ELEV. (MSL)
- LMW-8**
846.58
LARSON MONITORING WELL LOCATION/NUMBER AND MARCH 2009 GROUNDWATER ELEV. (MSL)
- 844.40**
GROUNDWATER ELEVATION CONTOUR (MARCH 2009)
CONTOUR INTERVAL = 0.20 FT/FT

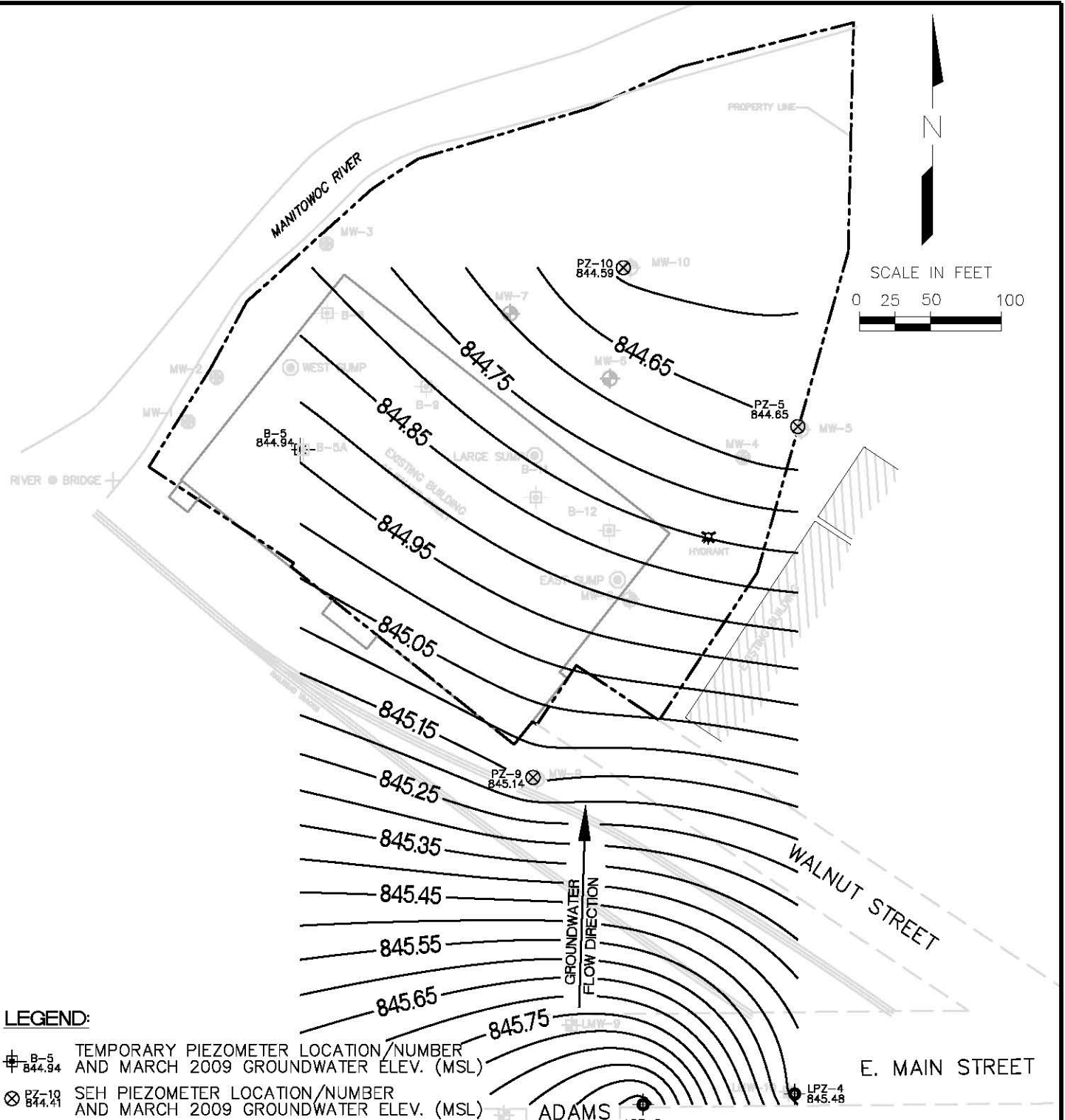
NOTES:

- 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.



1	10/26/10	CASE CLOSURE REQUEST	RJH	10/10	KEA	10/10			KEA	10/10
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK				
CASE CLOSURE REQUEST FORMER MIRRO PLANT #20 CHILTON, WISCONSIN			FIGURE 8.2 MARCH 2009 GROUNDWATER CONTOURS SHALLOW WELLS		PROJ. NO.					
					NERUB0502					
					DATE					
					10/26/10					

DRAWING DIRECTORY: P:\KO\N\NERUB\050200\FIGURES\THIRD_STAGE_SITE_INVESTIGATION\FIGURE_4 - MARCH 2009 GROUNDWATER CONTOURS_PIEZOMETERS



LEGEND:

- ⊕ B-5
844.94 TEMPORARY PIEZOMETER LOCATION/NUMBER AND MARCH 2009 GROUNDWATER ELEV. (MSL)
- ⊗ PZ-10
844.59 SEH PIEZOMETER LOCATION/NUMBER AND MARCH 2009 GROUNDWATER ELEV. (MSL)
- ⊕ LPZ-4
845.48 LARSON PIEZOMETER LOCATION/NUMBER AND MARCH 2009 GROUNDWATER ELEV. (MSL)
- 845.05— GROUNDWATER ELEVATION CONTOUR (MARCH 2009)
CONTOUR INTERVAL = 0.05 FT/FT

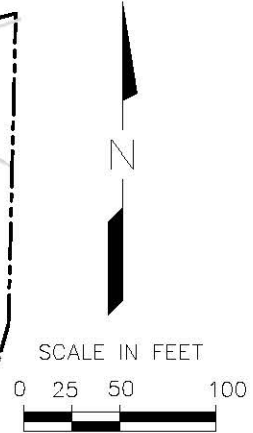
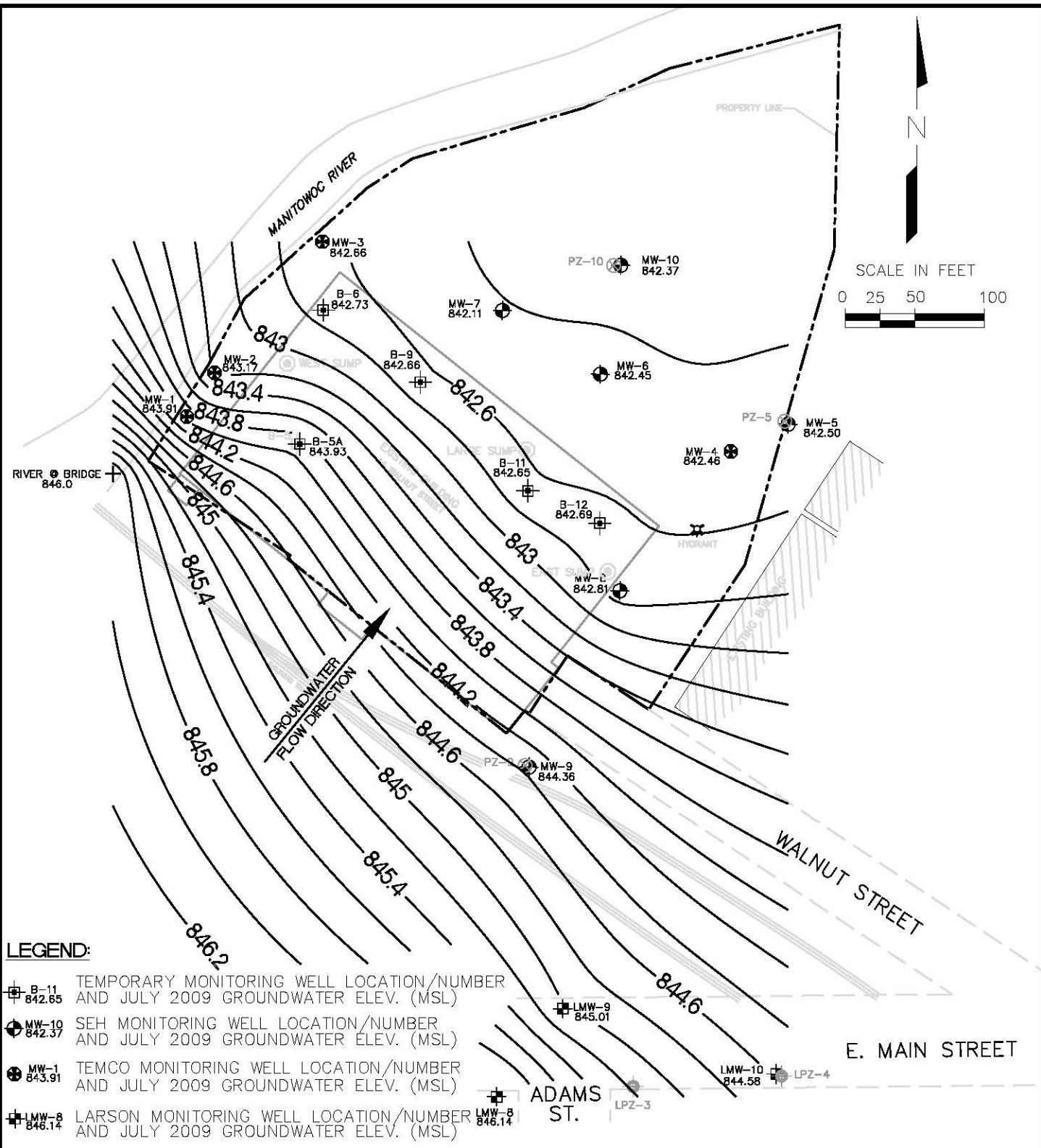
NOTES:

- 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.







1	10/26/10	THIRD STAGE SITE INVESTIGATION	RJH	10/10	KEA	10/10			KEA	10/10
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK	PROJ. NO. NERUB0502			
THIRD STAGE SITE INVESTIGATION FORMER MIRRO PLANT #20 CHILTON, WISCONSIN			FIGURE 8.3 MARCH 2009 GROUNDWATER CONTOURS PIEZOMETERS		DATE 10/26/10					

DRAWING DIRECTORY: P:\KO\N\NERUB\050200\FIGURES\CASE CLOSURE REQUEST\FIGURE 10 - JULY 2009 GROUNDWATER CONTOURS_SHALLOW WELLS



LEGEND:

- 
B-11
842.65
TEMPORARY MONITORING WELL LOCATION/NUMBER AND JULY 2009 GROUNDWATER ELEV. (MSL)
- 
MW-10
842.37
SEH MONITORING WELL LOCATION/NUMBER AND JULY 2009 GROUNDWATER ELEV. (MSL)
- 
MW-1
843.91
TEMCO MONITORING WELL LOCATION/NUMBER AND JULY 2009 GROUNDWATER ELEV. (MSL)
- 
LMW-8
846.14
LARSON MONITORING WELL LOCATION/NUMBER AND JULY 2009 GROUNDWATER ELEV. (MSL)
- 845.40—**
GROUNDWATER ELEVATION CONTOUR (JULY 2009)
CONTOUR INTERVAL = 0.20 FT/FT

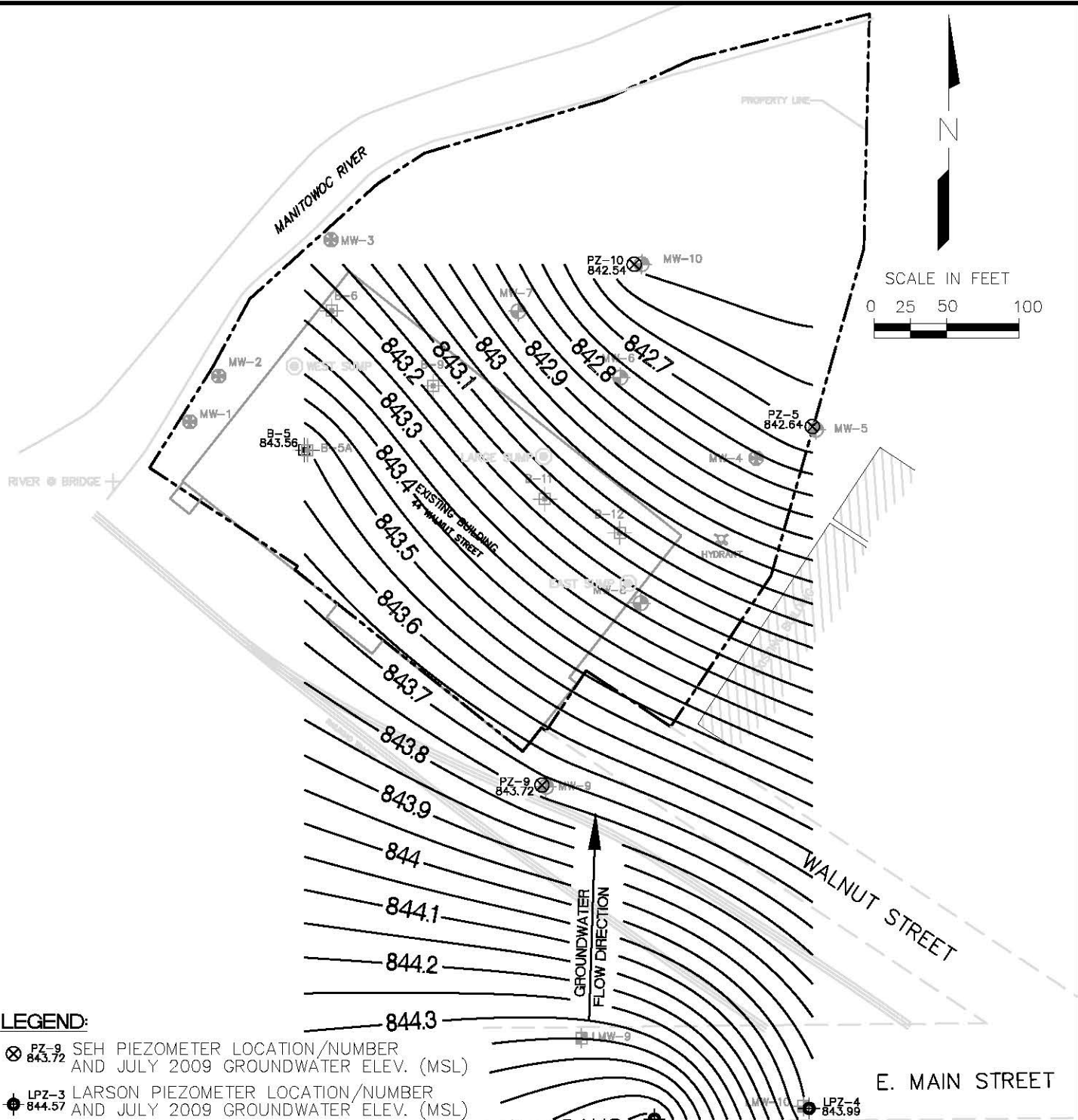
NOTES:

- 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.



	1	10/27/10	CASE CLOSURE REQUEST	RJH	10/10	KEA	10/10			KEA	10/10
	NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK				
CASE CLOSURE REQUEST FORMER MIRRO PLANT #20 CHILTON, WISCONSIN				FIGURE 8.4 JULY 2009 GROUNDWATER CONTOURS SHALLOW WELLS				PROJ. NO. NERUB0502 DATE 10/27/10			

DRAWING DIRECTORY: P:\KO\N\NERUB\050200\FIGURES\CASE CLOSURE REQUEST\FIGURE 11 - JULY 2009 GROUNDWATER CONTOURS_PIEZOMETERS



LEGEND:

- ⊗ PZ-9 843.72 SEH PIEZOMETER LOCATION/NUMBER AND JULY 2009 GROUNDWATER ELEV. (MSL)
- ⊕ LPZ-3 844.57 LARSON PIEZOMETER LOCATION/NUMBER AND JULY 2009 GROUNDWATER ELEV. (MSL)
- ⊕ B-5 843.56 TEMPORARY PIEZOMETER LOCATION/NUMBER AND JULY 2009 GROUNDWATER ELEV. (MSL)
- 843.6 — GROUNDWATER ELEVATION CONTOUR (JULY 2009)
CONTOUR INTERVAL = 0.05 FT/FT

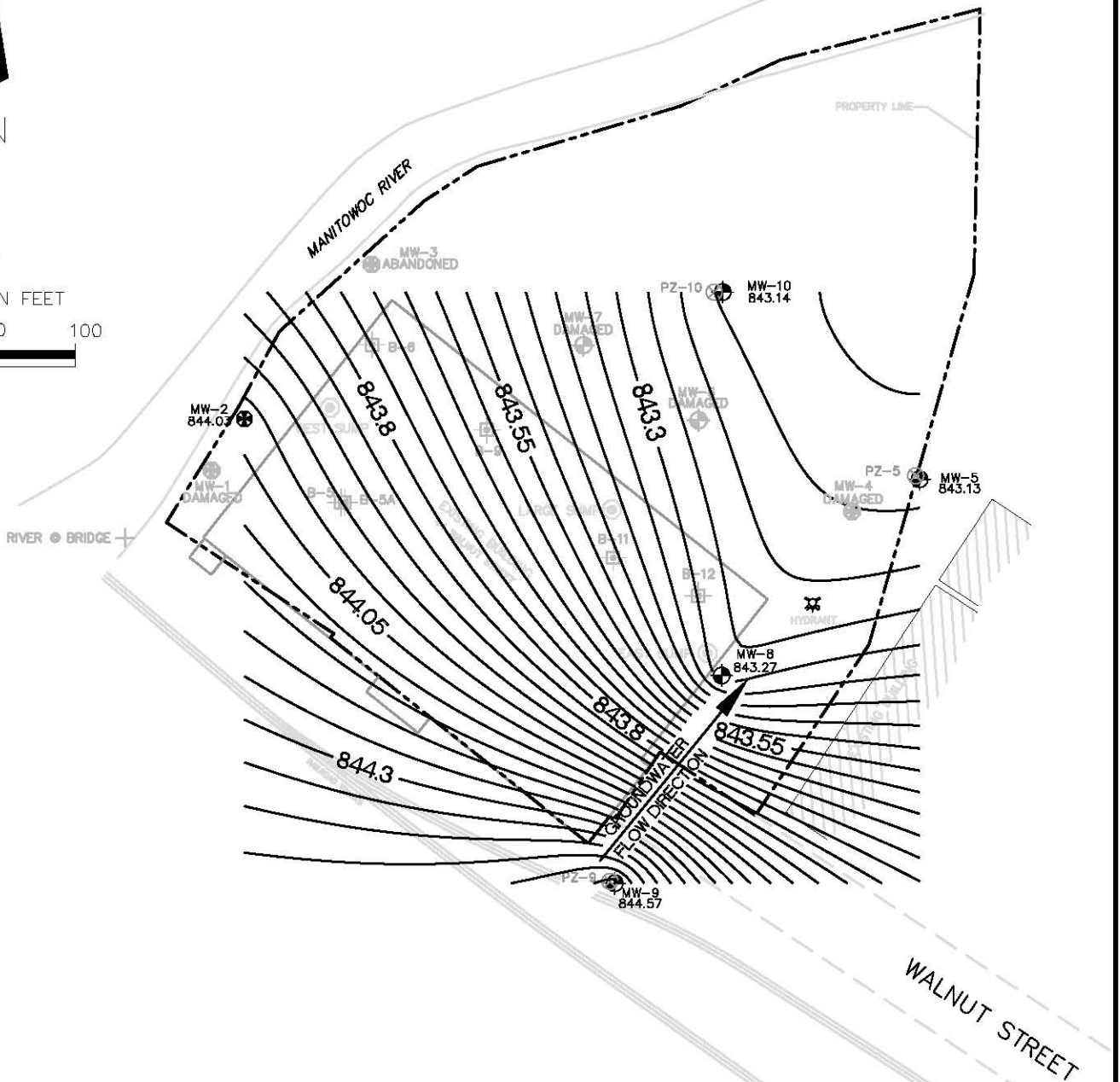
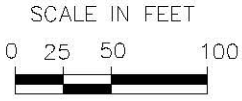
NOTES:

- 1) LPZ PIEZOMETERS INSTALLED BY OTHERS FOR THE LARSON INVESTIGATION.
- 2) 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.



1	10/27/10	CASE CLOSURE REQUEST	RJH	10/10	KEA	10/10			KEA	10/10
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK	PROJECT NO. NERUB0502			
CASE CLOSURE REQUEST FORMER MIRRO PLANT #20 CHILTON, WISCONSIN			FIGURE 8.5 JULY 2009 GROUNDWATER CONTOURS PIEZOMETERS		DATE 10/27/10					

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



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

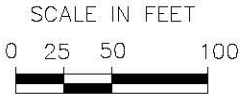
NOTES:

- 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.



	1	04/23/13	SITE INVESTIGATION	RJH	04/13	JEG	04/13			JEG	04/13
	NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK				
SUPPLEMENTAL SITE INVESTIGATION FORMER MIRRO PLANT #20 CHILTON, WISCONSIN				FIGURE 8.6 FEBRUARY 2013 GROUNDWATER CONTOURS SHALLOW WELLS				PROJ. NO. NERUB050201 DATE 04/23/13			

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



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

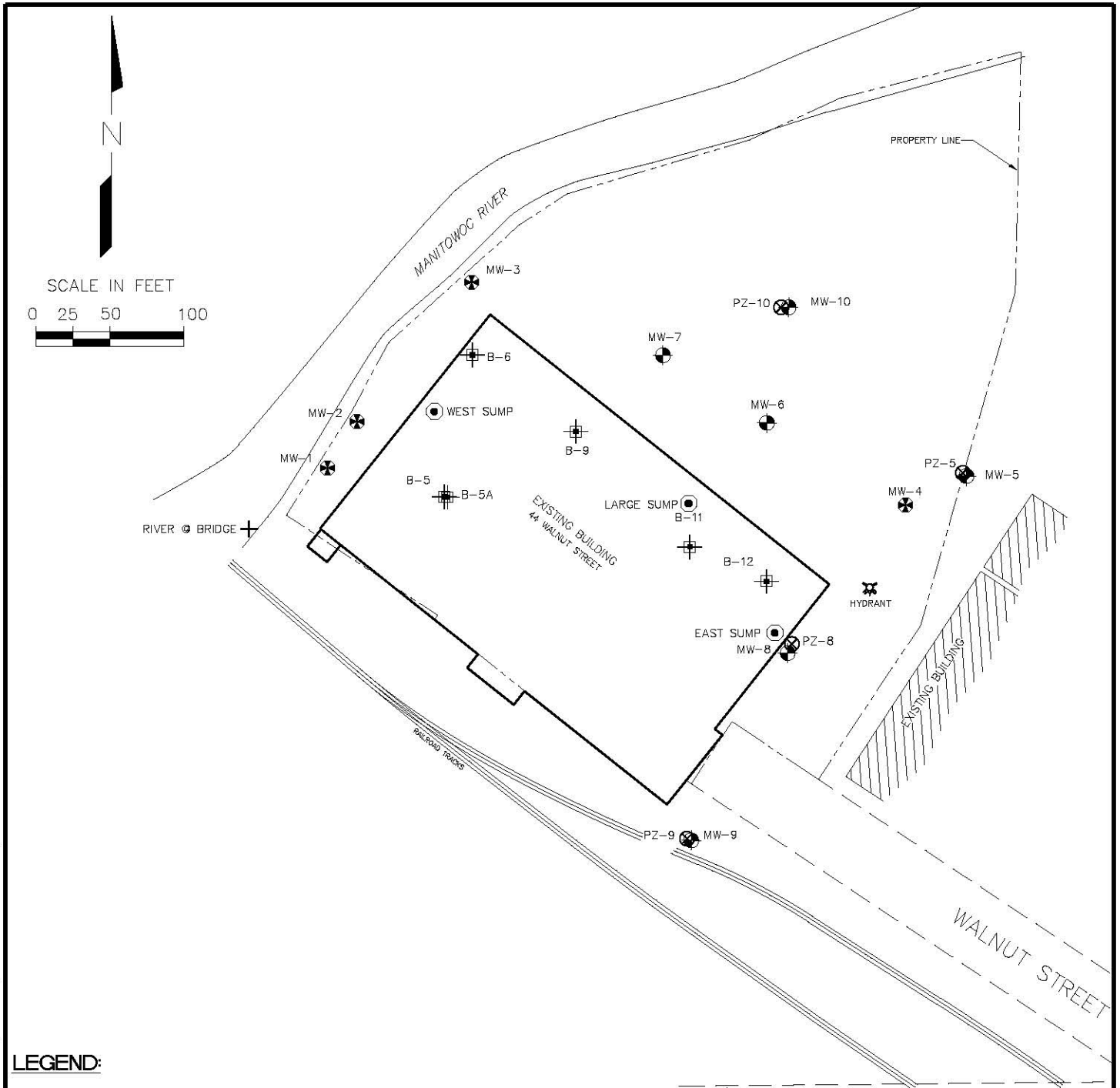
NOTES:

- 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.



1	04/24/13	SITE INVESTIGATION	RJH	04/13	JEG	04/13			JEG	04/13
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK				
SUPPLEMENTAL SITE INVESTIGATION FORMER MIRRO PLANT #20 CHILTON, WISCONSIN			FIGURE 8.7 FEBRUARY 2013 GROUNDWATER CONTOURS PIEZOMETERS			PROJ. NO.	NERUB050201			
						DATE	04/24/13			

DRAWING DIRECTORY: SB \PROJECTS\KO\N\NERUB\050200\FEB 13 SAMPLING\FIGURES\SITE INVESTIGATION\FIGURE 5 - FEBRUARY 2013 GROUNDWATER CONTOURS_PIEZOMETERS



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.



1	04/24/13	SITE INVESTIGATION	RJH 04/13	JEG 04/13		JEG 04/13
NO.	DATE	ISSUE/REVISIONS	DRAWN BY	DESIGN	FIELD REVIEW	QC CHECK
<p style="text-align: center;">SITE INVESTIGATION FORMER MIRRO PLANT #20 CHILTON, WISCONSIN</p>			<p style="text-align: center;">FIGURE 9 SITE FEATURES</p>		PROJ. NO. NERUB050201	
					DATE 05/06/13	



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