State of Wisconsin
Department of Natural Resources
P.O. Box 7921, Madison, WI 53707-7921

GIS REGISTRY (Cover Sheet)
Form 4400-280 (R 7/12)

Source Property Information

CLOSURE DATE: Jan 2, 2013

BRRTS #: 03-68-512496 (No Dashes)

FID #: 268486570

ACTIVITY NAME: Texaco (Former)

DATCP #:

PROPERTY ADDRESS: 17535 W. North Avenue

PECFA#:

MUNICIPALITY: Brookfield

PARCEL ID #: BRC1089996

***WTM COORDINATES:**

X: 672269 Y: 289243

** Coordinates are in WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

(•) Approximate Center Of Contaminant Source

( ) Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

[X] Groundwater Contamination > ES *(236)*

- [X] Contamination in ROW
- [ ] Off-Source Contamination

***(note:** for list of off-source properties see "Impacted Off-Source Property" form)*

[X] Soil Contamination > *RCL or **SSRCL *(232)*

- [ ] Contamination in ROW
- [ ] Off-Source Contamination

***(note:** for list of off-source properties see "Impacted Off-Source Property" form)*

Continuing Obligations:

- [ ] N/A (*Not Applicable*)
- [ ] Soil: maintain industrial zoning *(220)*

***(note:** soil contamination concentrations between non-industrial and industrial levels)*

- [ ] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [X] Cover or Barrier *(222)*

***(note:** maintenance plan for groundwater or direct contact)*

- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*

***(note:** local government unit or economic development corporation was directed to take a response action)*

***Note:** Comments will not print out.*

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? *(234)*

( ) Yes ( ) No (•) N/A

** Residual Contaminant Level*
*** Site Specific Residual Contaminant Level*

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

PLEASE ASSEMBLE IN THIS ORDER

GIS Registry Checklist

Form 4400-245 (R 8/11)

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 03-68-512496 *(No Dashes)* PARCEL ID #: BRC1089996

ACTIVITY NAME: Texaco (Former) WTM COORDINATES: X: 672269 Y: 289243

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- [X] **Closure Letter**
- [X] **Maintenance Plan** *(if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)*
- [ ] **Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- [ ] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- [X] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- [ ] **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

  Figure #: **Title:**
- [X] **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

- [X] **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  Note: *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

  Figure #: 1l **Title: Site Location Map**
- [X] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 1 **Title: Site Plan**
- [X] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 2 **Title: Map of Contaminated Property (Soil)**

BRRTS #: 03-68-512496 ACTIVITY NAME: Texaco (Former)

MAPS (continued)

☒ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: 6l **Title: Lines of Cross Section**

Figure #: 7l & 8l **Title: Geologic Cross Section A-A' & Geologic Cross Section B-B'**

☒ **Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.
Note: *This is intended to show the total area of contaminated groundwater.*

Figure #: 3E **Title: Groundwater Analytical Results, November 21, 2006**

☒ **Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more then 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: 5l **Title: Groundwater Elevation Contour Map - November 21, 2006**

Figure #: **Title:**

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

☒ **Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: 1 & 4 **Title: Soil Analytical Results & Laboratory Analytical Results - Soil**

☒ **Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: 1l & 2l **Title: Laboratory Analytical Results - PVOCs and Dissolved Lead & Lab Analytical Results - PAHs**

☒ **Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: 3l **Title: Groundwater Elevation and Natural Attenuation Parameters**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☒ **Not Applicable**

☐ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: **Title:**

☐ **Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

☐ **Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

☐ **Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 03-68-512496 ACTIVITY NAME: Texaco (Former)

NOTIFICATIONS

Source Property

☐ **Not Applicable**

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

☐ **Not Applicable**

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

Number of "Off-Source" Letters:

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #: **Title:**

☒ **Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters: 2

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Waukesha Service Center
141 NW Barstow St
Waukesha WI 53188

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay – 711

January 2, 2013

Mr. John R. Frary
Chevron Environmental Management Company
4800 Fournace Place, E540B
Bellaire, TX, 77401

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

Subject: Final Case Closure with Continuing Obligations
Former Texaco Service Station (Petroleum Case Only)
17535 W. North Ave, Brookfield, WI
FID# 268486570, BRRTS# 03-68-512496

Dear Mr. Frary:

The Department of Natural Resources (DNR) considers the former Texaco Service Station closed, with continuing obligations. This closure letter applies to the petroleum release on the above referenced property, not the chlorinated solvent release from the former dry cleaner on the property. No further investigation or remediation is required at this time. However, you and future property owners must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attached maintenance plan to anyone who purchases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. The DNR reviewed the request for closure that was submitted on June 29, 2012. The DNR reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On July 13, 2012, the DNR requested additional information and revisions to documents that will be included on the DNR's Geographic Information System (GIS) Registry. On October 30, 2012 the DNR received the information that was requested.

This gasoline station had a release of petroleum contamination to the soil and groundwater at the site. Responses included monitored natural attenuation of groundwater and maintaining the existing cap (pavement and building on-site). The conditions of closure and continuing obligations required were based on the property being used for commercial purposes.

Continuing Obligations

The continuing obligations for this site are summarized below. Further details on actions required are found in the section Closure Conditions.

- Groundwater contamination is present above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- One or more monitoring wells are being transferred for continued monitoring to the Spic & Span Inc. DBA Dryclean USA case BRRTS# 02-68-219337. Do NOT fill and seal these wells at this time.

- Pavement, an engineered cover, or a soil barrier must be maintained over contaminated soil and the DNR must approve any changes to this barrier.

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible Geographic Information System (GIS) Registry, to provide notice of residual contamination and of any continuing obligations. DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at http://dnr.wi.gov/topic/wells/documents/3300254.pdf or at the web address listed below for the GIS Registry.

All site information is also on file at the Southeast Regional DNR office, at 141 NW Barstow Street in Waukesha, WI. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at http://dnrmaps.wi.gov/imf/imf.jsp?site=brrts2.

Prohibited Activities

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the DNR before making a change, in order to determine if further action is needed to maintain the protectiveness of the remedy employed. The following activities are prohibited on any portion of the property where pavement or a building foundation is required, as shown on the **attached Map of Contaminated Property (Soil),** unless prior written approval has been obtained from the DNR:

- removal of the existing barrier;
- replacement with another barrier;
- excavating or grading of the land surface;
- filling on covered or paved areas;
- plowing for agricultural cultivation;
- construction or placement of a new building or other structure;
- changing the use or occupancy of the property to a residential exposure setting, which may include certain uses, such as single or multiple family residences, a school, day care, senior center, hospital, or similar residential exposure settings;

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which the current property owner, and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plans are met. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present on this contaminated property and in the roadway right-of-way, as shown on the **attached Groundwater Analytical Results Map**. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Soil contamination remains at the site as indicated on the **attached Map of Contaminated Property (Soil)**. If soil in the in the area indicated on the Map of Contaminated Property (Soil) is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Transfer of Monitoring Wells
The monitoring wells MW-1 through MW-7 should not be filled and sealed at this time, as they will be monitored as part of the Spic & Span Inc. DBA Dryclean USA case BRRTS# 02-68-219337. Well filling and sealing will be required of the Spic & Span Inc. DBA Dryclean USA case for closure, upon conclusion of the cleanup of that site. These wells are identified on the **attached Groundwater Analytical Results Map**.

Cover or Barrier (s. 292.12 (2) (a), Wis. Stats.)
The pavement or building that exists in the location shown on the **attached Map of Contaminated Property (Soil)** shall be maintained in compliance with the **attached Pavement Cover and Building Barrier Maintenance Plan** in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if use of the property were to change such that a residential exposure would apply. This may include, but is not limited to single or multiple family residences, a school, day care, senior center, hospital or similar settings. Before using the property for such purposes, you must notify the DNR to determine if additional response actions are warranted.

A request may be made to modify or replace a cover or barrier. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the DNR prior to implementation.

The **attached Pavement Cover and Building Barrier Maintenance Plan, and Barrier Inspection Log** are to be kept up-to-date and on-site. Submit the inspection log to the DNR only upon request.

General Wastewater Permits for Construction Related Dewatering Activities
The DNR's Water Quality Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits, or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.

If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at http://dnr.wi.gov/topic/wastewater/GeneralPermits.html. If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for Discharge of Contaminated Groundwater from Remedial Action Operations may be

needed. If water collecting in a pit/trench that requires dewatering is expected to be free of pollutants other than suspended solids and oil and grease, a general permit for Pit/Trench Dewatering may be needed.

The following DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, was included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf.

Please send written notifications in accordance with the above requirements to the DNR at 2300 North Dr. Martin Luther King Jr. Drive, Milwaukee, WI 53212, to the attention of the Southeast Region R&R Program Associate.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Dave Volkert at (262) 574-2166.

Sincerely,

Frances M. Koonce

Frances M. Koonce
Southeast Region Sub-Team Supervisor
Remediation & Redevelopment Program

Attachments:

- Pavement Cover and Building Barrier Maintenance Plan including Barrier Inspection Log, Map of Contaminated Property (Soil), and Groundwater Analytical Results Map
- Continuing Obligations for Environmental Protection, RR-819

cc: Kenneth Pocklington, SAIC
Robert Miller, R & J Associates
Brian Schneider, Graef
SER File

PAVEMENT COVER AND BUILDING BARRIER MAINTENANCE PLAN

February, 2012

Property Located at:

17535 West North Avenue, Brookfield, WI

FID# 268486570, BRRTS# 03-68-5 12496 (Petroleum Plume)

FID# 268486570, BRRTS# 02-68-219337 (Chlorinated Solvent Plume)

Chevron

SAIC
From Science to Solutions

GRĀEF

1. Introduction

This document provides the Maintenance Plan for a pavement cover and building barrier at 17535 West North Avenue, Brookfield, Wisconsin (the "site") in accordance with the requirements of WIS. ADMIN. CODE, NAT. RES. § 724.13(2) (2011). The legal description of the site is as follows:

> All that part of the Northeast ¼ of Section 21, Town 7 North, Range 20 East, City of Brookfield, County of Milwaukee, State of Wisconsin, bounded and described as follows:
>
> > Commencing at the northeast corner of said Section 21; thence south 89 degrees 54 minutes 37.5 seconds west along the north line of said Section 1025.00 feet to extension northerly of the west line of Northardt Drive thence due south along said line 60.00 feet to the point of beginning of land herein described; thence continuing due south 150.00 feet; thence south 89 degrees 54 minutes 37.3 seconds west 200.00 feet; thence due north 150.00 feet; thence North 89 degrees 54 minutes 37.5 seconds east 200.00 feet to the point of beginning. Parcel #1089-996
>
> The coordinates of the property, located south of North Avenue, are approximately E 672264, N 289254.

The Maintenance Plan covers impacts at the site associated with case FID# 268486570, BRRTS# 03-68-512496 and case FID# 268486570, BRRTS# 02-68-219337. Other than case FID# 268486570, BRRTS# 03-68-512496, Chevron has no responsibility for any release or agency case associated with the site. Other than case FID# 268486570, BRRTS# 02-68-219337, R & J Associates has no responsibility for any release or agency case associated with the site. Both Chevron and R & J Associates have agreed to share in the responsibilities to implement the Maintenance Plan.

The on-site maintenance activities cover the existing slab on grade building and other paved surfaces occupying the area over the two groundwater plumes, respectively comprised of chlorinated solvents and petroleum. The on-site groundwater is impacted by benzene, ethylbenzene, toluene, xylenes, MTBE, total TMBs, and naphthalene, and tetrachloroethylene, trichloroethylene, and cis 1,2-dichloroethylene. The location of the paved surfaces and building are to be maintained in accordance with the Maintenance Plan, as identified in the attached maps.

The property owner will maintain a copy of the Maintenance Plan at 4301 North Richards Street, Milwaukee, Wisconsin and make it available to all interested parties, including on-site employees, contractors, and future property owners, for viewing.

2. Cover and Building Barrier Purpose

The on-site paved surfaces and the building foundation over the groundwater plumes (the "Cap"), as depicted in Figure 2, serve as a barrier to prevent direct human contact with residual chlorinated solvents and petroleum in the soil. These paved surfaces and building foundation also act as a partial infiltration barrier to minimize future soil-to-groundwater migration of chlorinated solvents and petroleum. *See* WIS.

ADMIN. CODE, NAT. RES. ch. 140. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

3. Annual Inspection

The paved surfaces and building foundation overlying the groundwater plume will be inspected once a year by the property owner, normally in the spring after snow and ice is gone, for deterioration, cracks and other potential problems that can cause additional infiltration into or exposure to underlying soils.

The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed will be documented and reported to Chevron. A log of the inspections and any repairs will be maintained by the property owner. *See* Appendix A, Cap Inspection Log.

The inspection and repair log must be kept at 4301 North Richards Street and made available for review at reasonable times upon request by the Wisconsin Department of Natural Resources ("WDNR"), its successor agency, and/or other state agency with jurisdiction. Annual submission of the log to WDNR is not required.

4. Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, the property owner should make repairs as soon as practical. Repairs can include patching and filling operations or they can include resurfacing operations.

In the event the paved surfaces and/or the building comprising the Cap overlying the groundwater plume are removed or replaced, the property owner will provide for a replacement barrier that shall be equally impervious as the former paved surfaces and/or the building. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by WDNR or its successor agency.

The property owner is responsible for all repair work on the Cap, however, the costs of the repairs within the area of the Cap shall be equally shared between Chevron and R & J Associates.

5. Management of On-site Soils

In the event that soils are excavated for new construction or repair work from within the area of Cap, the soils will be reused on site to the greatest extent possible. In the event that soils cannot be reused on site, the soils will be sampled and analyzed for the presence of chlorinated solvents and petroleum hydrocarbons, and managed as a special waste in accordance with applicable regulations. The cost to sample and analyze the soils shall be equally shared between Chevron and R & J Associates. The additional costs to manage the soils as a special waste, provided both petroleum and chlorinated solvents are present, shall be equally shared between Chevron and R & J Associates. The cost to manage soils contaminated exclusively with petroleum or exclusively with

chlorinated solvents shall be paid exclusively by Chevron or exclusively by R & J Associates, respectively.

6. Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn as agreed by both Chevron and the property owner and its successors with the written approval of WDNR.

The undersigned understand and agree to the above provisions.

FOR CHEVRON U.S.A. INC.:

Judson C. Polikoff
Signature

Judson C. Polikoff
Print

March 28, 2012
Date

FOR R&J ASSOCIATES:

Robert A. Miller
Signature

ROBERT A. MILLER
Print

3/5/12
Date

Contact Information

R & J Associates:

Robert A. Miller
R & J Associates
4301 North Richards Street
Milwaukee, WI 53212
(414) 964-5050

Chevron U.S.A. Inc.:

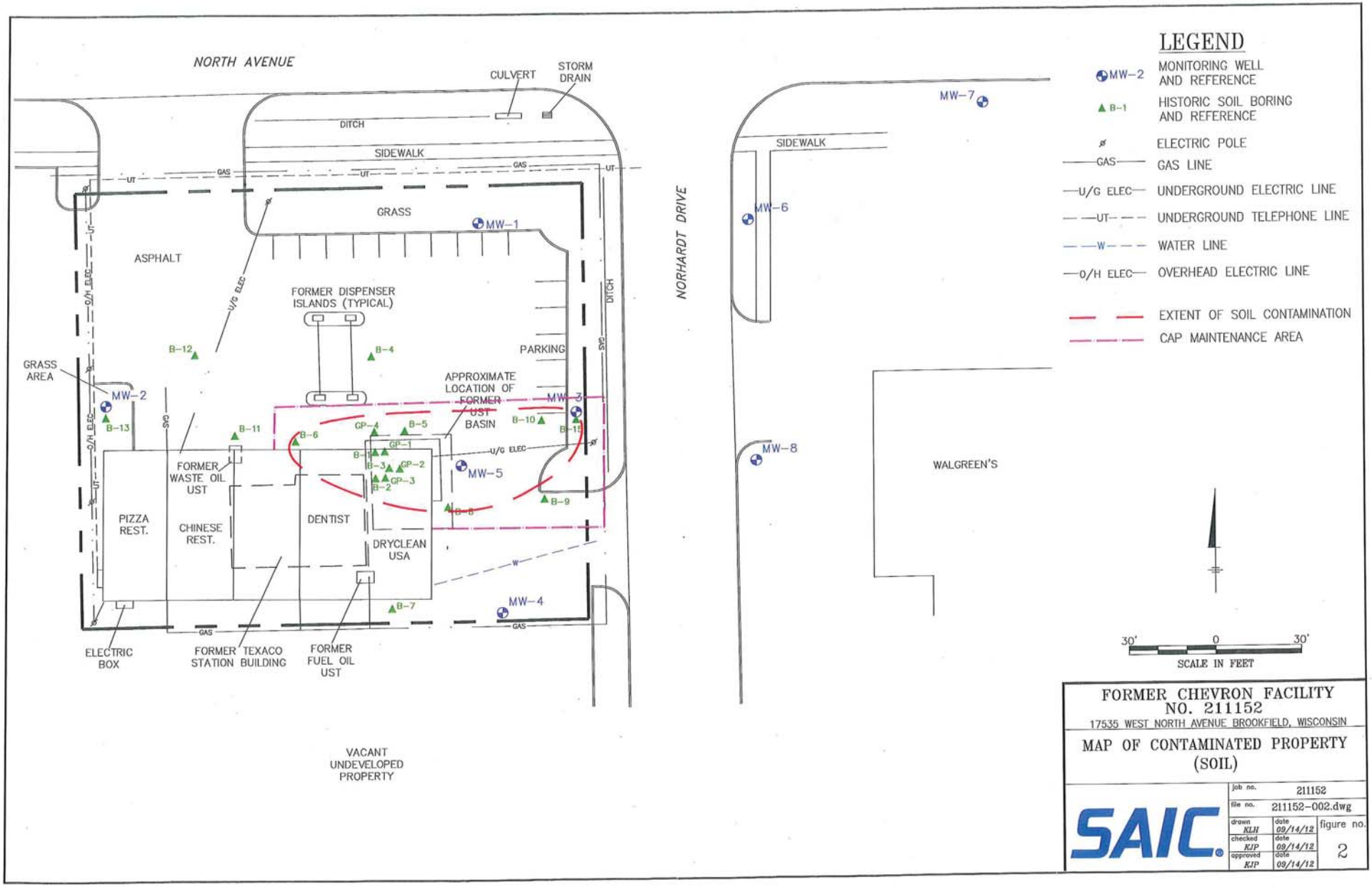
Chevron Environmental Management Company
Mr. John Frary, Project Manager
4800 Fournace Pl, BOB, E540B
PO Box 430
Bellaire Texas 77401
713-432-2645

Chevron Consultant:

SAIC
Ken Pocklington, Project Manager
35 Varden Drive, Suite F
Aiken, SC 29803
773-853-2591

WDNR:

Victoria Stovall, David Volkert
2300 Dr. ML King Dr.
Milwaukee, WI 53212
262-574-2166



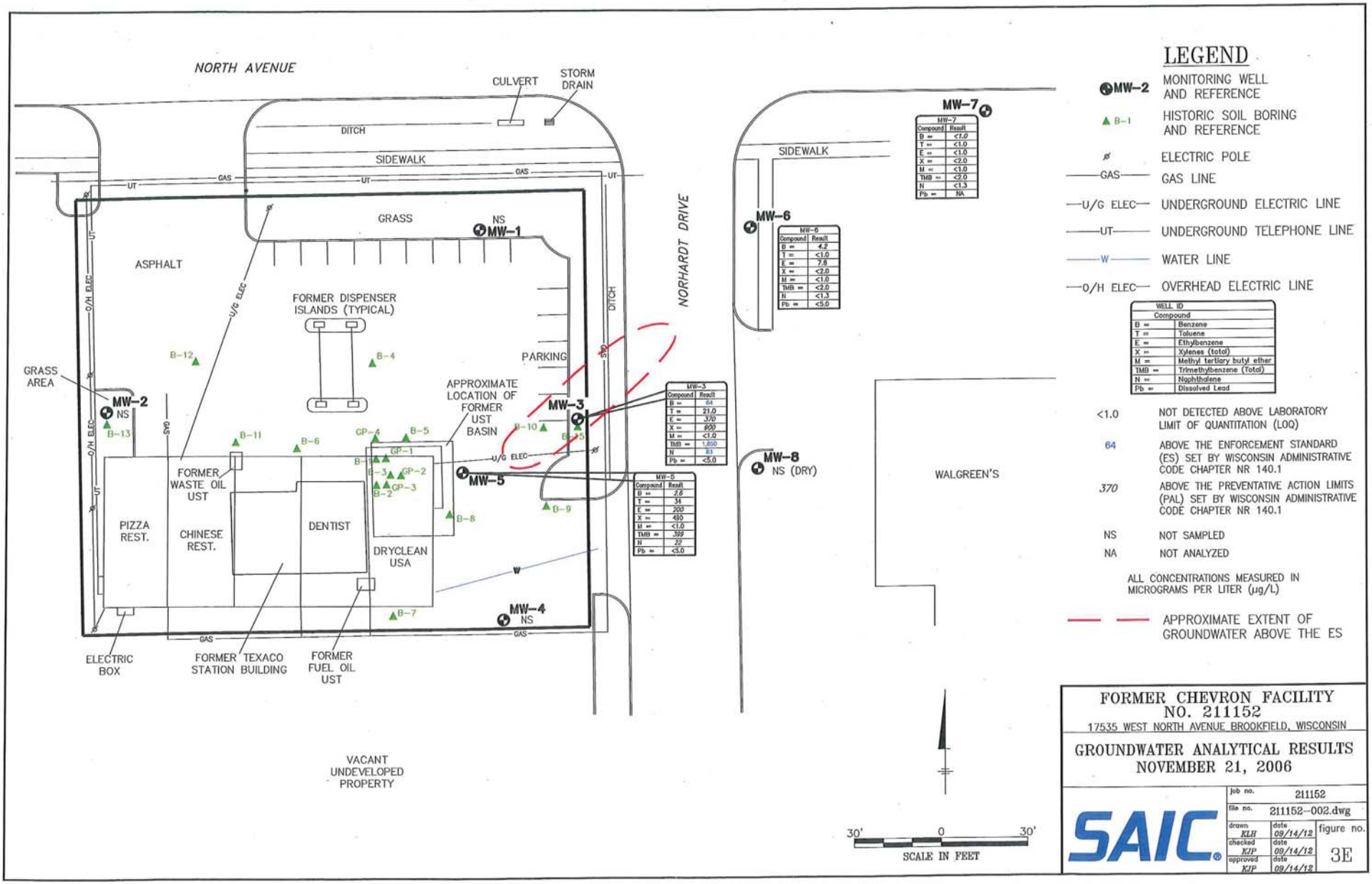
FORMER CHEVRON FACILITY NO. 211152

17535 WEST NORTH AVENUE BROOKFIELD, WISCONSIN

MAP OF CONTAMINATED PROPERTY (SOIL)

SAIC

job no.	211152		
file no.	211152-002.dwg		
drawn KLH	date 09/14/12	figure no.	
checked KJP	date 09/14/12	2	
approved KJP	date 09/14/12		



MW-3	
Compound	Result
B =	64
T =	21.0
E =	370
X =	900
M =	<1.0
TMB =	1,650
N	83
Pb =	<5.0

MW-5	
Compound	Result
B =	2.6
T =	34
E =	200
X =	490
M =	<1.0
TMB =	359
N	22
Pb =	<5.0

MW-7	
Compound	Result
B =	<1.0
T =	<1.0
E =	<1.0
X =	<2.0
M =	<1.0
TMB =	<2.0
N	<1.3
Pb =	NA

MW-6	
Compound	Result
B =	4.2
T =	<1.0
E =	7.8
X =	<2.0
M =	<1.0
TMB =	<2.0
N	<1.3
Pb =	<5.0

LEGEND

- MW-2 — MONITORING WELL AND REFERENCE
- B-1 — HISTORIC SOIL BORING AND REFERENCE
- ELECTRIC POLE
- GAS — GAS LINE
- U/G ELEC — UNDERGROUND ELECTRIC LINE
- UT — UNDERGROUND TELEPHONE LINE
- W — WATER LINE
- O/H ELEC — OVERHEAD ELECTRIC LINE

WELL ID	
Compound	
B =	Benzene
T =	Toluene
E =	Ethylbenzene
X =	Xylenes (total)
M =	Methyl tertiary butyl ether
TMB =	Trimethylbenzene (Total)
N =	Naphthalene
Pb =	Dissolved Lead

- <1.0 — NOT DETECTED ABOVE LABORATORY LIMIT OF QUANTITATION (LOQ)
- 64 — ABOVE THE ENFORCEMENT STANDARD (ES) SET BY WISCONSIN ADMINISTRATIVE CODE CHAPTER NR 140.1
- 370 — ABOVE THE PREVENTATIVE ACTION LIMITS (PAL) SET BY WISCONSIN ADMINISTRATIVE CODE CHAPTER NR 140.1
- NS — NOT SAMPLED
- NA — NOT ANALYZED

ALL CONCENTRATIONS MEASURED IN MICROGRAMS PER LITER (µg/L)

- APPROXIMATE EXTENT OF GROUNDWATER ABOVE THE ES

FORMER CHEVRON FACILITY NO. 211152

17535 WEST NORTH AVENUE BROOKFIELD, WISCONSIN

GROUNDWATER ANALYTICAL RESULTS NOVEMBER 21, 2006

SAIC®

job no.	211152		
file no.	211152-002.dwg		
drawn KLH	date 09/14/12	figure no.	3E
checked KJP	date 09/14/12		
approved KJP	date 09/14/12		

BARRIER INSPECTION LOG

Inspection Date	Inspector	Condition of Cap	Recommendations	Have recommendations from previous inspection been implemented?

DOCUMENT NO. 1138335

FEE # 77.25(9) EXEMPT

QUIT CLAIM DEED
STATE BAR OF WISCONSIN — FORM 3
THIS SPACE RESERVED FOR RECORDING DATA

1982 DEC -6 PM 2:33
REEL 518 IMAGE 349
REGISTER OF DEEDS

REEL 518 IMAGE 349

THE UNION DYE WORKS, INC., a Wisconsin corporation,

quit-claims to Robert A. Miller and James Plous, general partners doing business as R&J ASSOCIATES, a Wisconsin general partnership, that certain

real estate in Waukesha County, State of Wisconsin: more particularly described on Schedule A attached hereto.

RETURN TO Lyman A. Precourt
Foley & Lardner
777 E. Wisconsin Ave.
Milwaukee, Wis. 53202

Tax Key No. 1086.996

DEC 6 1982

Exempt Section 77.25 (9).

This is not homestead property.
XXX (is not)

Dated this 30th day of November, 1982

Attest:

Lyman A. Precourt (SEAL)

Assistant Secretary (SEAL)

THE UNION DYE WORKS, INC.

By James Plous, Executive Vice President (SEAL)

AUTHENTICATION

Signatures authenticated this 30th day of NOVEMBER, 1982

Alan H. Steinmetz

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Alan H. Steinmetz
Foley & Lardner
777 East Wisconsin Avenue
Milwaukee, Wisconsin 53202

(Signatures may be authenticated or acknowledged. Both are not necessary.)
The use of witnesses is optional.

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
County.

Personally came before me, this day of the above named

to me known to be the person who executed the foregoing instrument and acknowledge the same.

Notary Public County, Wis.
My Commission is permanent. (If not, state expiration date: , 19 .)

*Names of persons signing in any capacity should be typed or printed below their signatures.

1138335

QUIT CLAIM DEED | STATE BAR OF WISCONSIN FORM No. 3 — 1977 | Wisconsin Legal Blank Co. Inc. Milwaukee, Wis. (Job 34087)

Denise Y. Dixon
Project Manager

Chevron Products Company
Retail & Terminal Business Unit
2300 Windy Ridge Parkway
Suite 575 South
Atlanta, GA 30339
Tel 770-984-3165
Fax 770-984-3102
dyaa@chevron.com

May 31, 2007

Ms. Barbara G. Grundl, P.G.
Wisconsin Department of Natural Resources
2300 North Martin Luther King Drive
Milwaukee, WI 53212

RE: Deed and Location Information
Case Summary Close Out Request
Chevron Facility #211152 (Former Texaco),
17535 W. North Avenue, Brookfield, Wisconsin.

Dear Ms. Grundl:

Chevron Environmental Management Company (Chevron), in response to your email request dated May 29, 2007, states that the deed and location information provided in the Case Summary Close Out Request GIS package for the above referenced facility is, to the best of our knowledge, true and accurate. Chevron is the responsible party (RP) of record for this project.

If you have any questions or require any further information regarding this facility, please feel free to contact me at (770) 984-3165 or dyaa@chevron.com.

Respectfully submitted,

Denise Dixon

Stamp seal

Denise Dixon

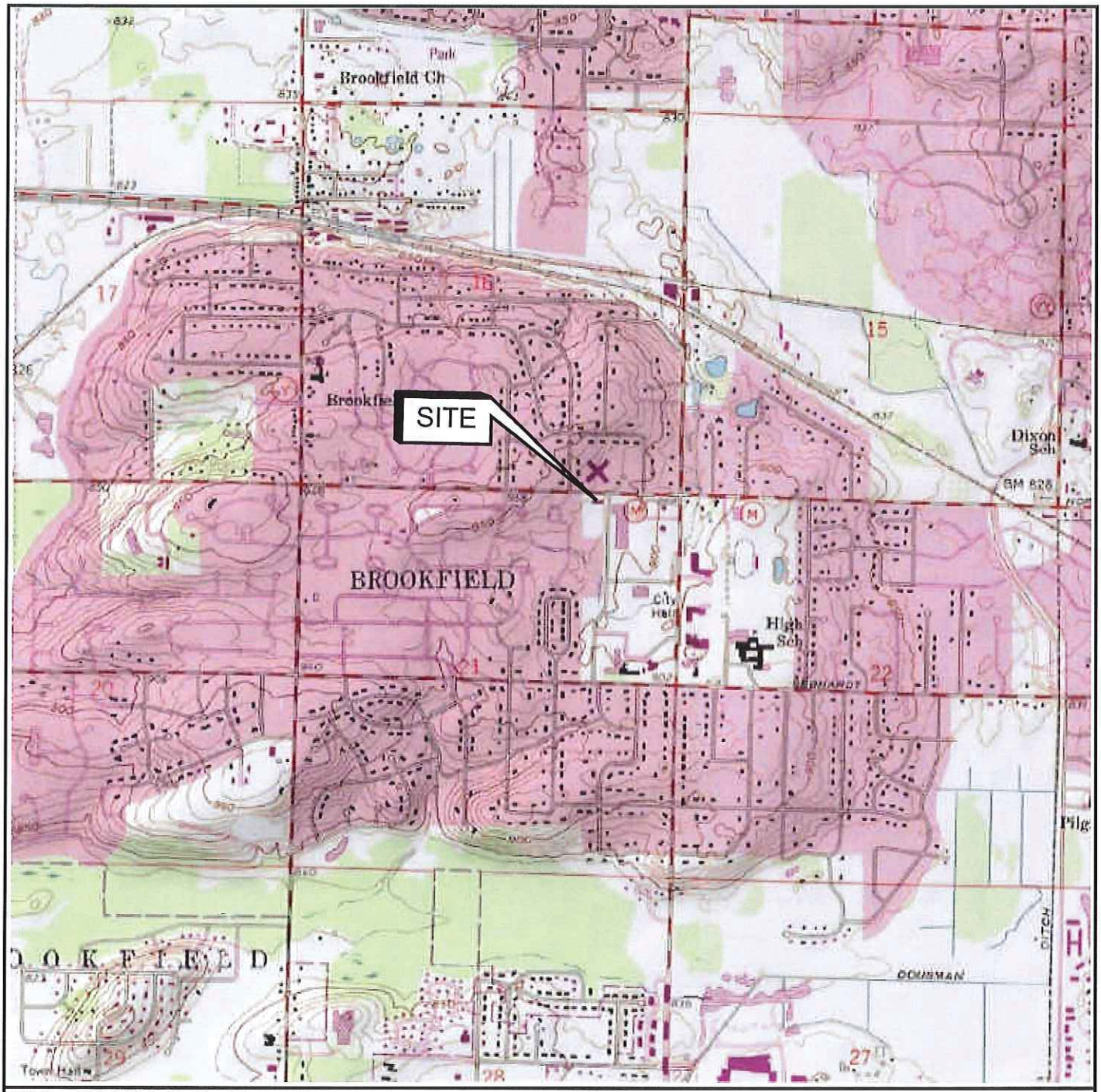
KAY Q. KING NOTARY PUBLIC COBB COUNTY EXPIRES GEORGIA JULY 24, 2009

STATE OF GEORGIA COUNTY OF COBB
Sworn to and subscribed before me by DENISE DIXON on this date MAY 31, 2007. My commission expires JULY 24, 2009.

KAY Q. KING — Kay Q. King — 5-31-07
Notary Public (Print name) — Signature — Date

cc: Mr. Richard O'Keefe – SAIC Project Manager

P:\My Documents\Wisconsin\211152\responsible party statement.doc



NOTE: BASE MAP FROM THE WAUKESHA, WI, 7.5 MIN. USGS TOPOGRAPHIC QUADRANGLE 1992.

1000' 0 1000'

SCALE IN FEET

N

WISCONSIN

QUADRANGLE LOCATION

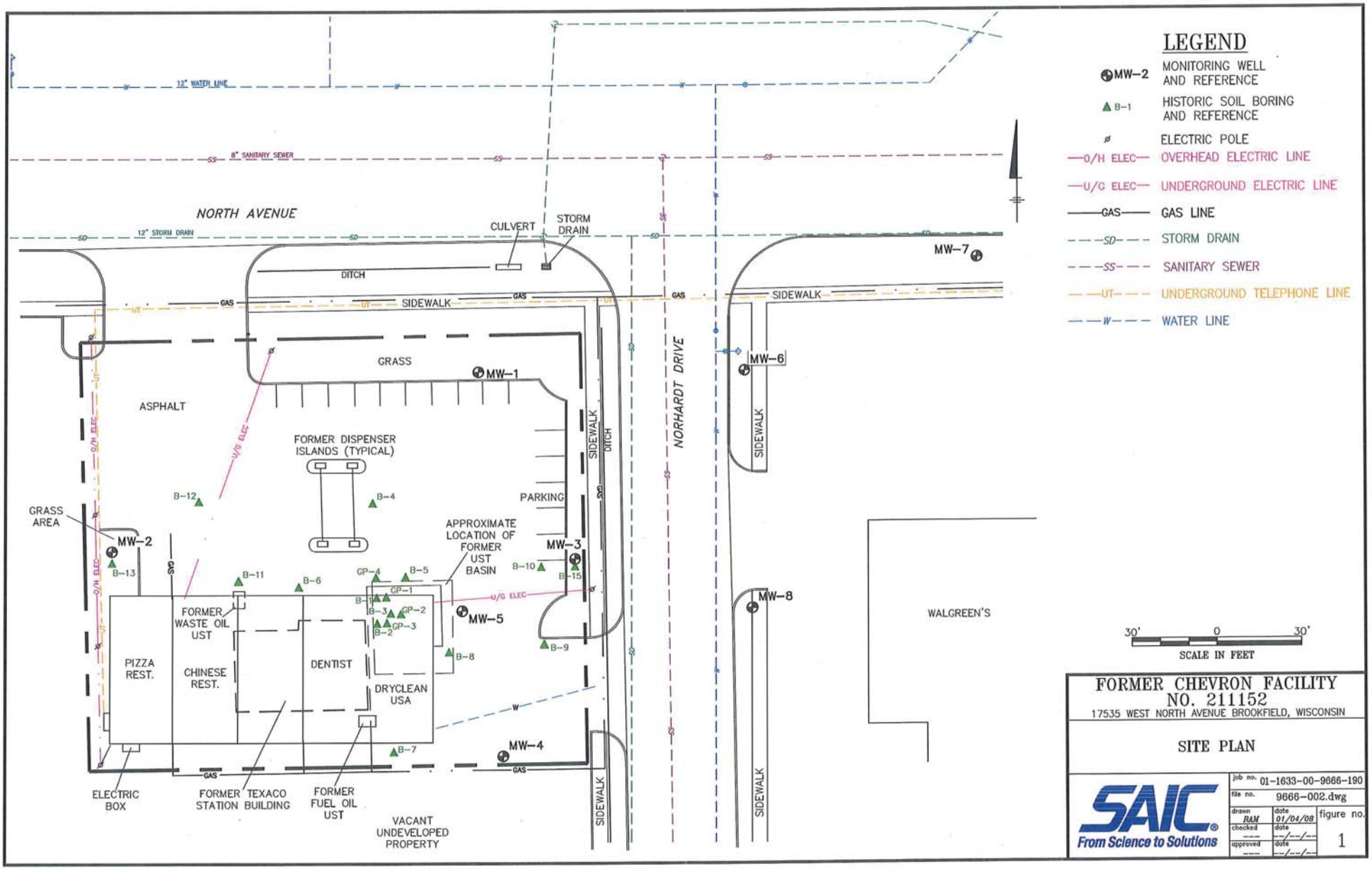
FORMER CHEVRON FACILITY NO 211152

17535 WEST NORTH AVENUE BROOKFIELD, WISCONSIN

SITE LOCATION MAP

drawn	checked	approved	figure no.
KLH			1I
date 04/25/07	date	date	
job no. 06-6818-00-9073-070		file no. 211152-001.dwg	

SAIC Science Applications International Corporation
From Science to Solutions™



LEGEND

- MW-2 — MONITORING WELL AND REFERENCE
- B-1 — HISTORIC SOIL BORING AND REFERENCE
- ELECTRIC POLE
- O/H ELEC — OVERHEAD ELECTRIC LINE
- U/G ELEC — UNDERGROUND ELECTRIC LINE
- GAS — GAS LINE
- SD — STORM DRAIN
- SS — SANITARY SEWER
- UT — UNDERGROUND TELEPHONE LINE
- W — WATER LINE

30' 0 30'

SCALE IN FEET

FORMER CHEVRON FACILITY NO. 211152

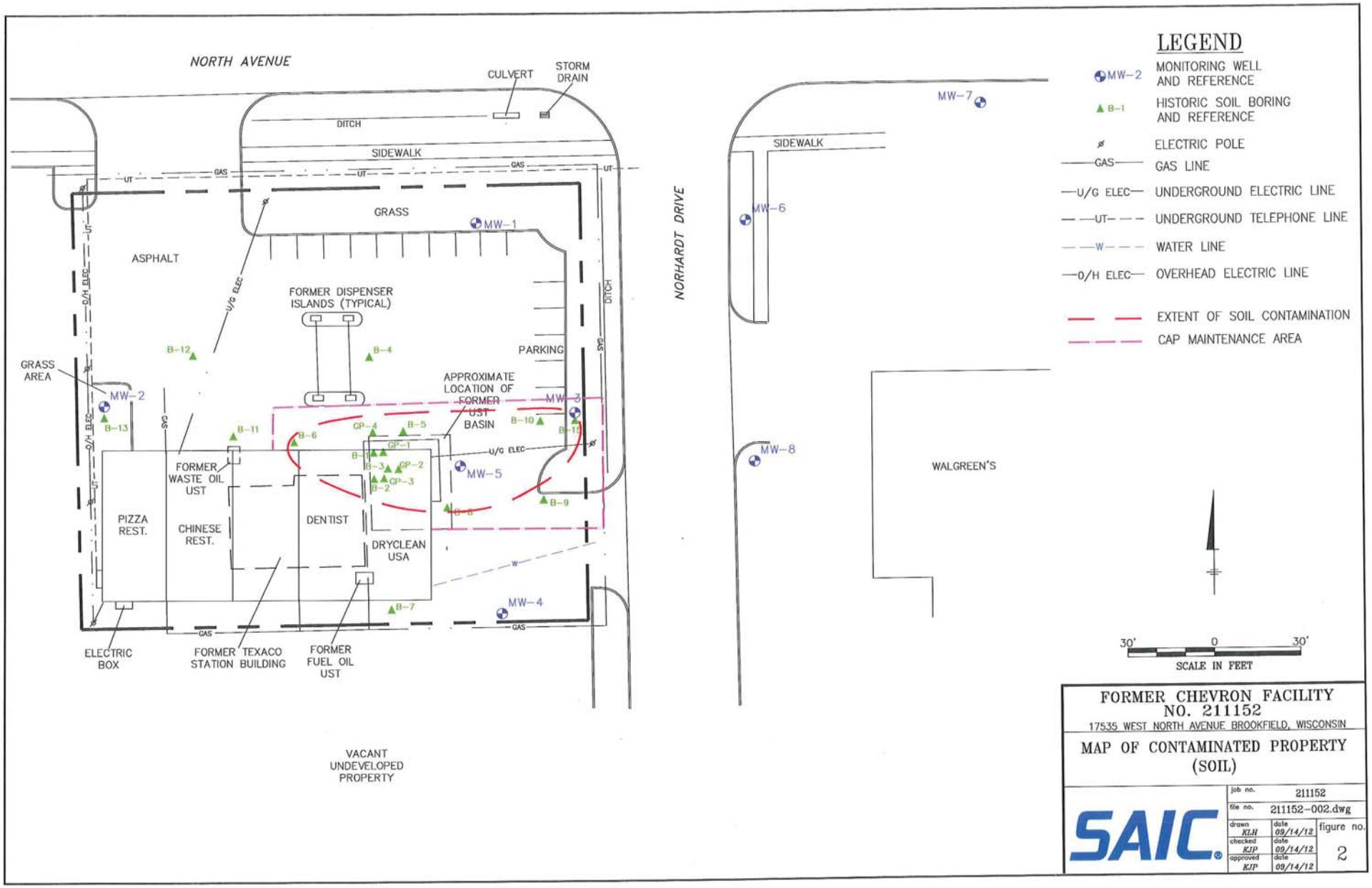
17535 WEST NORTH AVENUE BROOKFIELD, WISCONSIN

SITE PLAN

SAIC® From Science to Solutions

job no.	01-1633-00-9666-190
file no.	9666-002.dwg
drawn RAM	date 01/04/08
checked	date
approved	date

figure no. 1

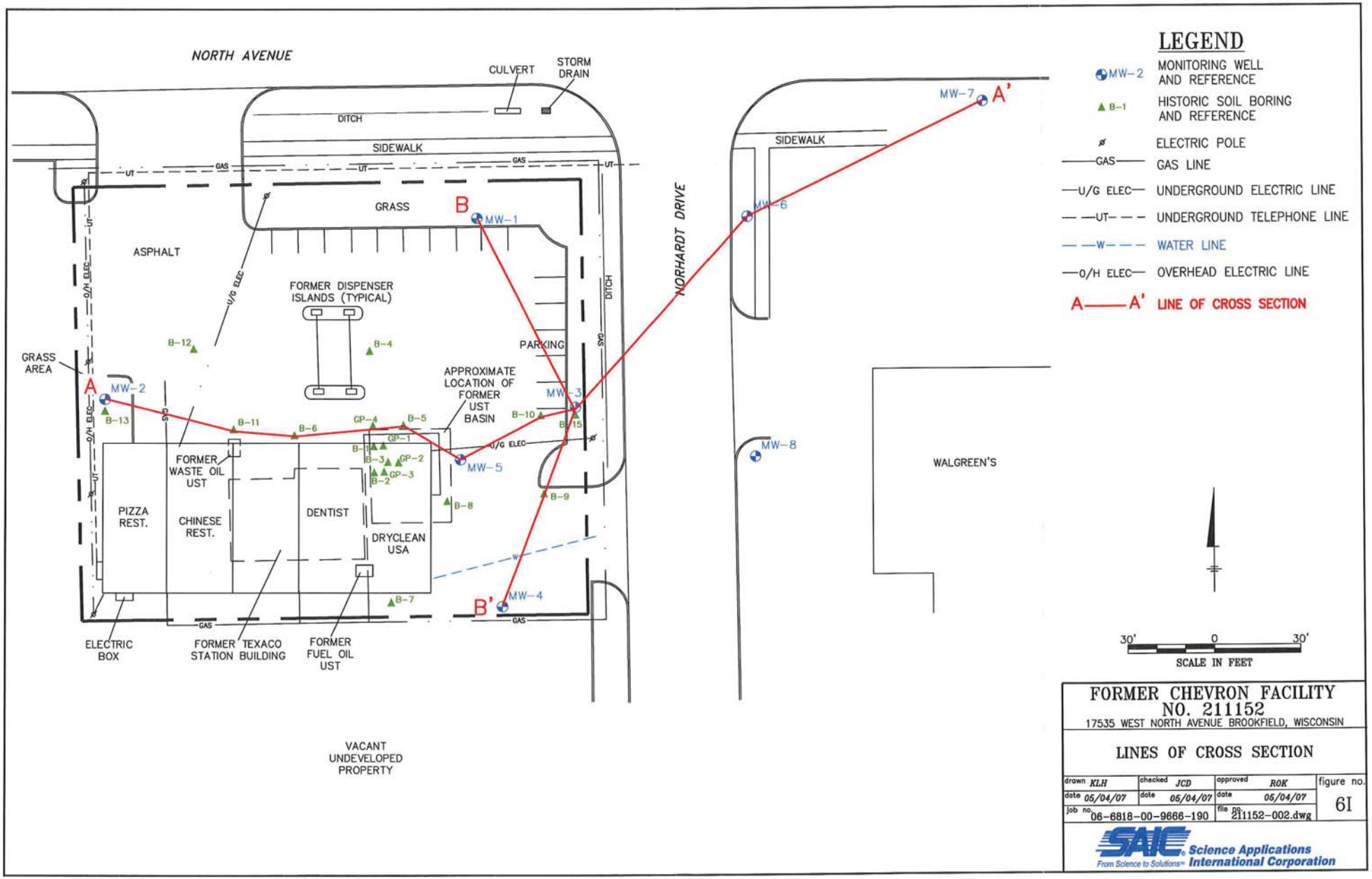


FORMER CHEVRON FACILITY
NO. 211152
17535 WEST NORTH AVENUE BROOKFIELD, WISCONSIN

MAP OF CONTAMINATED PROPERTY
(SOIL)

SAIC

job no.	211152		
file no.	211152-002.dwg		
drawn KLH	date 09/14/12	figure no.	
checked KJP	date 09/14/12	2	
approved KJP	date 09/14/12		



FORMER CHEVRON FACILITY NO. 211152

17535 WEST NORTH AVENUE BROOKFIELD, WISCONSIN

LINES OF CROSS SECTION

drawn KLH	checked JCD	approved ROK	figure no. 6I
date 05/04/07	date 05/04/07	date 05/04/07	
job no. 06-6818-00-9666-190	file no. 211152-002.dwg		

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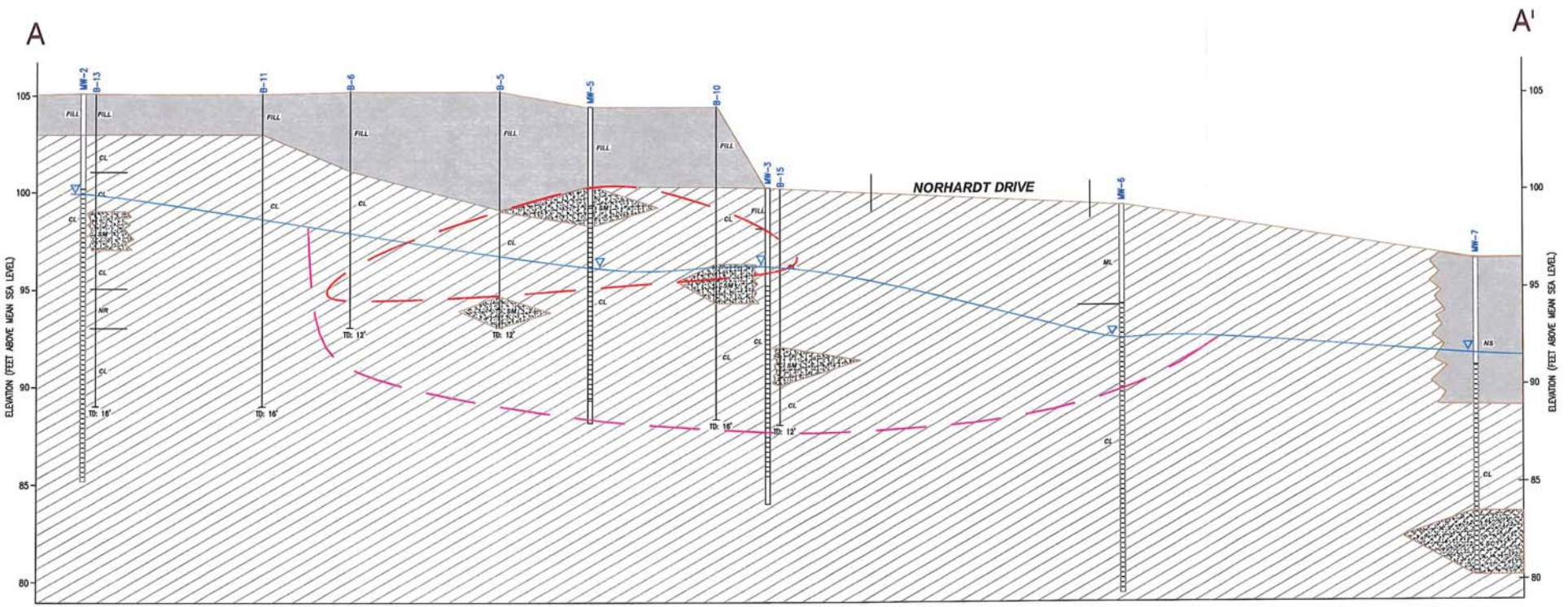

EXPLANATION

- MW-2 WELL
- WEATHERED BEDROCK (SHALE)
- SAND (SP)
- SILTY SAND (SM)
- CLAYEY SAND (SC)
- SILTY CLAY (ML)
- NO SAMPLE/NO RECOVERY (NS)
- CLAY, SILTY CLAY AND/OR SANDY CLAY (CL)

VERTICAL SCALE: 0, 2.5, 5

HORIZONTAL SCALE: 0, 12.5, 25
(APPROXIMATE SCALE IN FEET)

FORMER CHEVRON FACILITY NO. 211152

17535 WEST NORTH AVENUE BROOKFIELD, WISCONSIN

GEOLOGIC CROSS SECTION A-A'

drawn	checked	approved	FIGURE NO.
KLH	JCD	ROK	7I
date 05/04/07	date 05/04/07	date 05/04/07	
job no. 06-6818-00-9666-190	file no. 211152-003.dwg		

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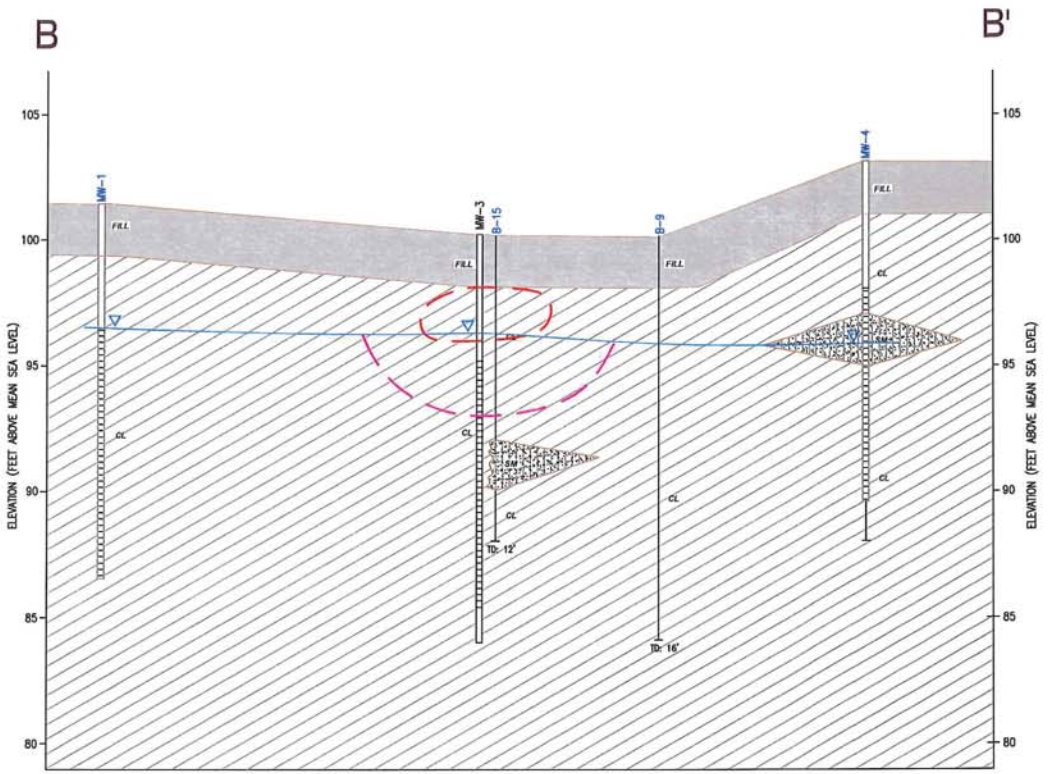
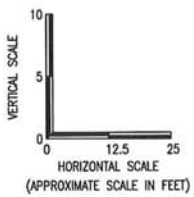


EXPLANATION

- MW-4 — WELL
- WEATHERED BEDROCK (SHALE)
- SAND (SP)
- SILTY SAND (SM)
- CLAYEY SAND (SC)
- SILTY CLAY (ML)
- NO SAMPLE/NO RECOVERY (NS)
- CLAY, SILTY CLAY AND/OR SANDY CLAY (CL)
- EXTENT OF SOIL CONTAMINATION
- EXTENT OF GROUNDWATER CONTAMINATION
- POTENTIOMETRIC SURFACE (11/11/06)



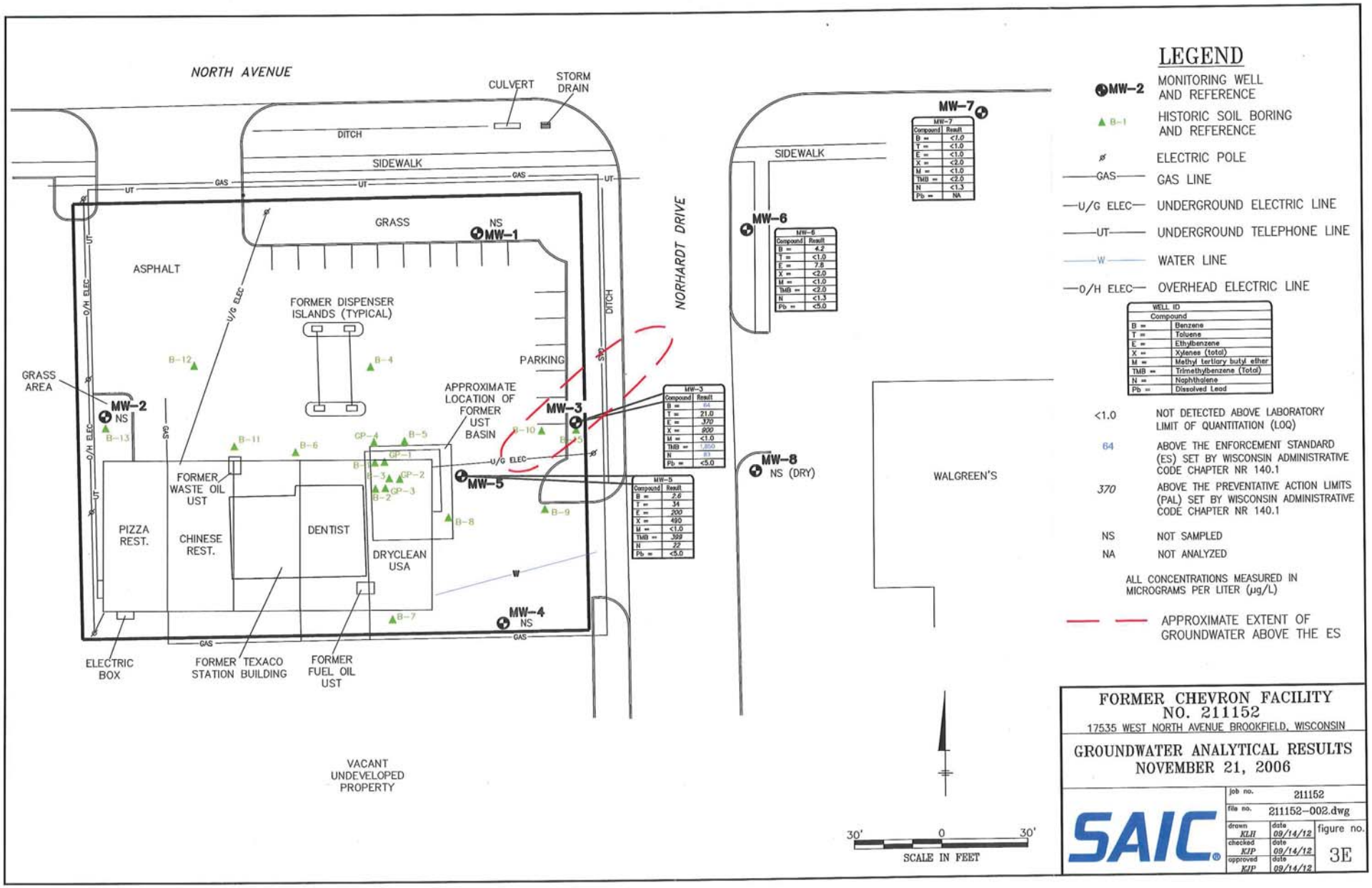
FORMER CHEVRON FACILITY NO. 211152

17535 WEST NORTH AVENUE BROOKFIELD, WISCONSIN

GEOLOGIC CROSS SECTION B–B'

drawn KLH	checked JCD	approved ROK		FIGURE NO.
date 05/04/07	date 05/04/07	date 05/04/07		8I
job no. 06-6818-00-9666-190		file no. 211152-003.dwg		

SAIC From Science to Solutions™ Science Applications International Corporation



MW-7	
Compound	Result
B =	<1.0
T =	<1.0
E =	<1.0
X =	<2.0
M =	<1.0
TMB =	<2.0
N	<1.3
Pb =	NA

MW-6	
Compound	Result
B =	4.2
T =	<1.0
E =	7.8
X =	<2.0
M =	<1.0
TMB =	<2.0
N	<1.3
Pb =	<5.0

MW-3	
Compound	Result
B =	64
T =	21.0
E =	370
X =	900
M =	<1.0
TMB =	1,850
N	83
Pb =	<5.0

MW-5	
Compound	Result
B =	2.6
T =	34
E =	200
X =	490
M =	<1.0
TMB =	398
N	22
Pb =	<5.0

LEGEND

- MW-2 — MONITORING WELL AND REFERENCE
- B-1 — HISTORIC SOIL BORING AND REFERENCE
- ELECTRIC POLE
- GAS — GAS LINE
- U/G ELEC — UNDERGROUND ELECTRIC LINE
- UT — UNDERGROUND TELEPHONE LINE
- W — WATER LINE
- O/H ELEC — OVERHEAD ELECTRIC LINE

WELL ID	
Compound	
B =	Benzene
T =	Toluene
E =	Ethylbenzene
X =	Xylenes (total)
M =	Methyl tertiary butyl ether
TMB =	Trimethylbenzene (Total)
N =	Naphthalene
Pb =	Dissolved Lead

- <1.0 — NOT DETECTED ABOVE LABORATORY LIMIT OF QUANTITATION (LOQ)
- 64 — ABOVE THE ENFORCEMENT STANDARD (ES) SET BY WISCONSIN ADMINISTRATIVE CODE CHAPTER NR 140.1
- *370* — ABOVE THE PREVENTATIVE ACTION LIMITS (PAL) SET BY WISCONSIN ADMINISTRATIVE CODE CHAPTER NR 140.1
- NS — NOT SAMPLED
- NA — NOT ANALYZED

ALL CONCENTRATIONS MEASURED IN MICROGRAMS PER LITER (µg/L)

APPROXIMATE EXTENT OF GROUNDWATER ABOVE THE ES

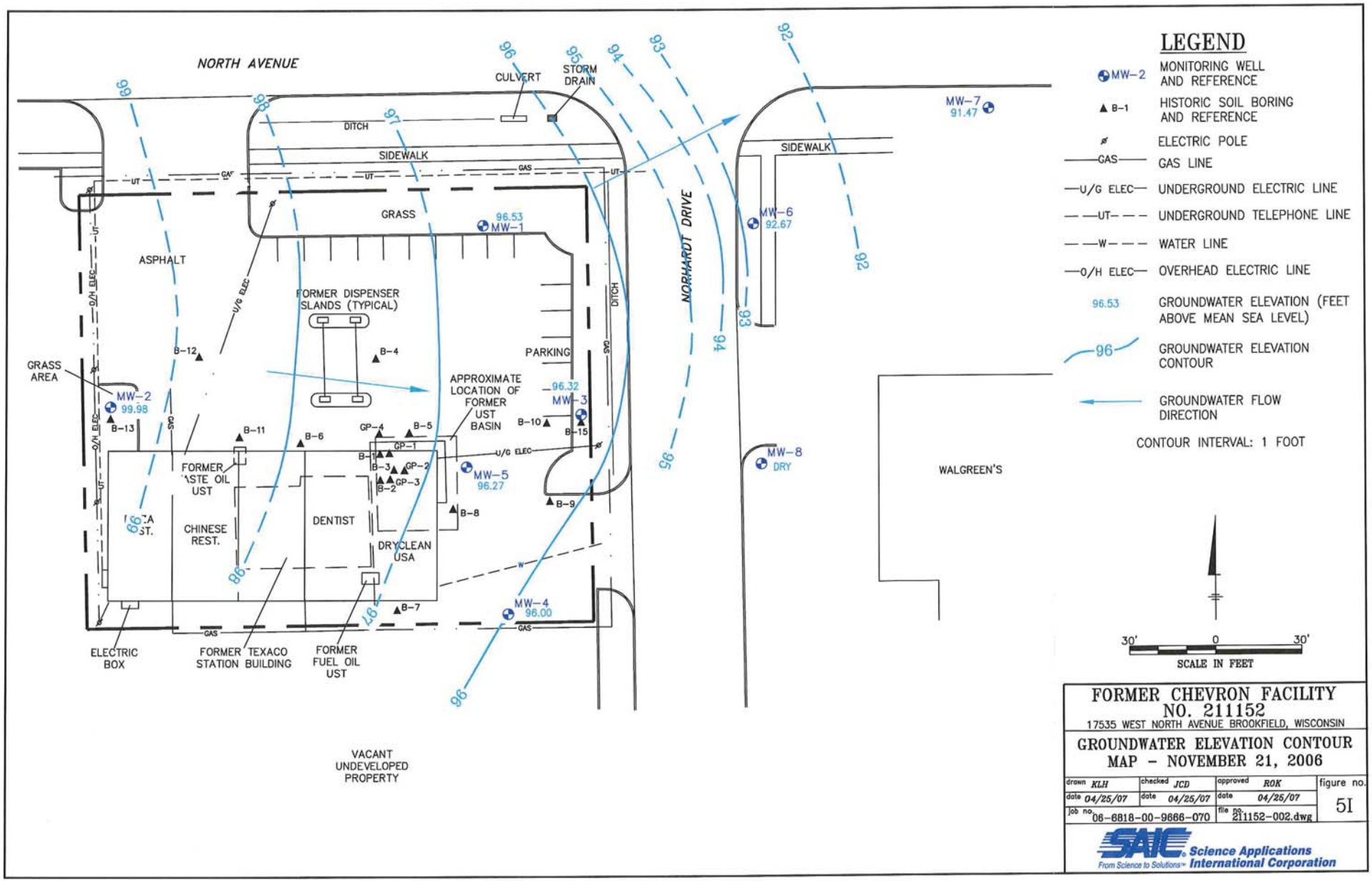
FORMER CHEVRON FACILITY NO. 211152

17535 WEST NORTH AVENUE BROOKFIELD, WISCONSIN

GROUNDWATER ANALYTICAL RESULTS NOVEMBER 21, 2006

SAIC®

job no.	211152	
file no.	211152-002.dwg	
drawn KLH	date 09/14/12	figure no.
checked KJP	date 09/14/12	3E
approved KJP	date 09/14/12	



LEGEND

- MW-2 — MONITORING WELL AND REFERENCE
- ▲ B-1 — HISTORIC SOIL BORING AND REFERENCE
- ELECTRIC POLE
- —GAS— GAS LINE
- —U/G ELEC— UNDERGROUND ELECTRIC LINE
- —UT— UNDERGROUND TELEPHONE LINE
- —W— WATER LINE
- —O/H ELEC— OVERHEAD ELECTRIC LINE
- 96.53 — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- 96 — GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION

CONTOUR INTERVAL: 1 FOOT

30' 0 30'
SCALE IN FEET

FORMER CHEVRON FACILITY NO. 211152

17535 WEST NORTH AVENUE BROOKFIELD, WISCONSIN

GROUNDWATER ELEVATION CONTOUR MAP - NOVEMBER 21, 2006

drawn	checked	approved	figure no.
KLH	JCD	ROK	5I
date 04/25/07	date 04/25/07	date 04/25/07	
job no. 06-6818-00-9666-070	file no. 211152-002.dwg		

SAIC Science Applications International Corporation
From Science to Solutions™

Table 1
SOIL ANALYTICAL RESULTS
Dryclean USA Facility #84
17525 West North Avenue
Brookfield, Wisconsin

All samples analyzed for Volatile Organic Compounds-special list (VOCs Method 8021).
Select samples analyzed for gasoline range organics, diesel range range organics and petroleum VOCs (Method 8020)
Concentrations in Micrograms per Kilogram unless otherwise indicated

Dryclean USA Facility #84

	Sample Identification	B-1	B-1	B-2	B-2	B-3	B-3
	Depth (ft)	0.5-2.5	6.5-8.5	0.5-2.5	4.5-6.5	0.5-2.5	4.5-6.5
	Date Collected	10/19/98	10/19/98	10/19/98	10/19/98	10/19/98	10/19/98
ANALYTES:	1,1-Dichloroethane	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND
	Trichloroethene	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	100	59	82	ND	ND	56
	Vinyl chloride	ND	ND	ND	ND	ND	ND

	Sample Identification	B-1	B-1	B-2	B-2	B-3	B-3	
	Depth (ft)	0.5-2.5	6.5-8.5	0.5-2.5	4.5-6.5	0.5-2.5	4.5-6.5	RCL
	Date Collected	10/19/98	10/19/98	10/19/98	10/19/98	10/19/98	10/19/98	(µg/kg)
ANALYTES:	Benzene	NA	NA	NA	2700	NA	110	5.5
	Ethyl Benzene	NA	NA	NA	ND	NA	960	2,900
	Methyl-t-Butyl Ether	NA	NA	NA	9600	NA	ND	NA
	Toluene	NA	NA	NA	ND	NA	290	1,500
	1,2,4 Trimethylbenzene	NA	NA	NA	5900	NA	4100	NA
	1,3,5 Trimethylbenzene	NA	NA	NA	ND	NA	1100	NA
	Xylene	NA	NA	NA	17000	NA	990	4,100
	GRO (mg/kg)	NA	NA	NA	470	NA	100	100/250 (mg/kg)
	DRO (mg/kg)	NA	NA	NA	160	NA	NA	100/250 (mg/kg)

Notes:
Only positive detection (i.e., > practical quantitation limit) shown.
ND: Not detected above practical quantitation limit.
NA: Not analyzed
RCL = Residual Contaminant Levels from Wisconsin Administrative Code (WAC) NR 720

Exhibit B

TABLE 1
SOIL ANALYTICAL RESULTS - PETROLEUM INVESTIGATION
Former Texaco Service Station
17535 West North Avenue
Brookfield, Wisconsin

Boring	Sample Date	Depth (feet)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE (µg/kg)	Total Trimethyl-benzenes (µg/kg)	GRO (mg/kg)	DRO (mg/kg)	Total Lead (mg/kg)	Cadmium (mg/kg)	TOC (mg/kg)
B-4	02/21/2000	2-4'	<25.0	<25.0	46.4	194	<25.0	102	<5.4	5.7	5.1	---	---
		6-8'	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	---	---	---	---	---
B-5	02/21/2000	2-4'	<25.0	<25.0	<25.0	45.4	<25.0	<50.0	---	---	---	---	---
		6-8'	6,360	<558	10,500	13,400	<558	73,700	1,340 H	312	8.9	---	---
		8-10'	2,740	5,030	10,800	70,300	<125	55,600	1,570 H	326	13	---	---
B-6	02/21/2000	2-4'	<50.0	<50.0	212	1,430	<50.0	2,575	507 H	393	7.8	5.8	---
		8-10'	143	<25.0	226	1,480	<25.0	2,980	---	---	---	---	---
B-7	02/21/2000	2-4'	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<6.3	<6.3	14	---	---
		8-10'	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<6.0	<6.0	13	---	---
B-8	02/21/2000	2-4'	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	---	---	---	---	---
		6-8'	46,700	<1,480	89,600	346,000	<1,480	290,300	4,800 H	1,010	26	---	---
		8-10'	1,290	525	3,110	7,890	<50.0	12,590	1,830 H	305	15	---	---
B-9	04/10/2000	4-6'	<33	<33	<33	<98	<33	<66	<6.5	35 H	12	---	---
B-10	04/10/2000	4-6'	<31	<31	273	435	<31	957	21	<6.2	12	---	---
B-11	04/10/2000	2-4'	<28	<28	<28	<84	<28	<56	<5.6	14	10	3.9	---
		6-8'	---	---	---	---	---	---	---	---	---	---	1,490
		14-16'	---	---	---	---	---	---	---	---	---	---	949
B-12	04/10/2000	2-4'	<32	<32	<32	<96	<32	<64	<6.4	<6.4	13	2.2	---
B-13	04/10/2000	2-4'	<31	<31	<31	<94	<31	<62	<6.2	<6.2	12	2.5	---
B-14	04/10/2000	4-6'	<33	<33	50	<99	<33	<66	<6.6	<6.6	12	---	---
B-15	04/10/2000	2-4'	<310	<310	3,520	6,920	<310	29,640	516 H	164	13	---	---
MW-1	06/21/2000	2-4'	<25	<25	<25	<75	<25	<50	<5.0	---	---	---	---
MW-4	06/20/2000	2-4'	<28	55	<28	<82	<28	<56	<5.5	---	---	---	---
NR 720 Generic RCLs			5.5	1,500	2,900	4,100	NA	NA	100	100	50	8	NA

NOTES:

µg/kg = Micrograms per kilogram
mg/kg = Milligrams per kilogram
MTBE = Methyl tert butyl ether
GRO = Gasoline range organics
DRO = Diesel range organics
PVOCs = Petroleum volatile organic compounds
RCL = Residual contaminant levels
TOC = Total Organic Carbon
NR 720 RCLs for Lead and Cadmium are based on the human health risk from direct contact related to land use.
H = Late eluting hydrocarbons present

TABLE 4
LABORATORY ANALYTICAL RESULTS- SOIL
Former Texaco Service Station
17535 West North Avenue
Brookfield, Wisconsin

Well Number	Sample Date	Barium*	Benzene	sec-ButylBenzene	n-Butylbenzene	Ethylbenzene	Isopropylbenzene	n-Propylbenzene	Toluene	1,3,5-Trimethylbenzene	1,2,4- Trimethylbenzene	Xylenes
[1]MW-7	10/3/2005	0.605	0.002	0.004	0.008	0.004	0.002	0.005	0.007	0.002	0.005	0.009
[1]MW-8	10/3/2005	0.443	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.002	<0.002	0.002	<0.004
	Baseline	**NA**	**0.000093**	**NA**	**NA**	**0.042**	**NA**	**NA**	**0.018**	**NA**	**NA**	**0.047**
	RCL	*NA*	*0.005*	*NA*	*NA*	*2.90*	*NA*	*NA*	*1.5*	*NA*	*NA*	*4.1*

Notes:

* reported in mg/L

** = EPA Method 8310 was used for analysis of PAHs during July 2000. Naphthalene results for October 2000 were obtained using EPA Method 8280.

Analytes reported in milligrams per kilogram (mg/kg).

PAHs = Polymuclear Aromatic Hydrocarbons

LOD = Limit of Detection

LOQ - Limit of Quantification

J = Analyte detected between LOD and LOQ.

Baseline = Enforcement standard set by the Wisconsin Administrative Code Chapter NR 720.09

RCL = Residual Contaminant Level set by the Wisconsin Administrative Code chapter NR 720.09

NA= No established PAL or ES

1 = Wells were re-named shortly after drilling. Analytical soil results in the lab tables for MW-7 are those which correspond to MW-8 as labeled in the figures. Analytical soil results in the lab tables for MW-8 are those which correspond to MW-7 as labeled in the figures. This table matches up the correct analysis results with the correct location as on the figures.

--- = Not sampled

TABLE 1I
LABORATORY ANALYTICAL RESULTS - PVOCs AND DISSOLVED LEAD
Former Texaco Service Station
17535 West North Avenue
Brookfield, Wisconsin

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total TMBs	DRO (ug/L)	GRO (ug/L)	Dissolved Lead
MW-1	7/13/2000	<0.39	<0.37	<0.4	<1.4	<0.47	<1.03	—	—	2.0 J
	10/31/2000	<0.10	<0.10	<0.25	<0.25	<0.25	<0.20	—	—	<5
	3/29/2001	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	—	—	2.1
	6/6/2001	0.34	<0.20	<0.22	<0.23	<0.16	<0.51	—	—	1.2
	5/5/2003	<1.0	<1.0 B	<1.0	<1.0	<1.0	<1.0 B	—	—	<3.0
	8/26/2003	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 B	—	—	<5.0 B
	10/16/2003	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	—	—	<5.0
	4/23/2004	<1.0	<1.0 B	<1.0	<1.0	<1.0	1.1 B	—	—	<5.0
	5/5/2005	—	—	—	—	—	—	—	—	—
	11/3/2005	—	—	—	—	—	—	—	—	—
	5/8/2006	—	—	—	—	—	—	—	—	—
	11/21/2006	—	—	—	—	—	—	—	—	—
MW-2	7/13/2000	<0.39	<0.37	<0.4	<1.4	<0.47	<1.03	—	—	3.5
	10/31/2000	<0.10	<0.10	<0.25	<0.25	<0.25	<0.20	—	—	<5
	3/29/2001	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	—	—	<1.2
	6/6/2001	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	—	—	<1.2
	5/5/2003	<1.0	<1.0 B	<1.0	<1.0	<1.0	<1.0 B	—	—	<3.0
	8/26/2003	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 B	—	—	<5.0 B
	10/16/2003	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	—	—	<5.0
	4/23/2004	<1.0	<1.0 B	<1.0	<1.0	<1.0	1.0 B	—	—	<5.0
	5/5/2005	—	—	—	—	—	—	—	—	—
	11/3/2005	<1.0	<1.0	<1.0	<1.0	<1.0	14.95	—	—	<5.0
	5/8/2006	—	—	—	—	—	—	—	—	—
	11/21/2006	—	—	—	—	—	—	—	—	—
MW-3	7/13/2000	15	41	480	1500	<4.7	2560	—	—	12
	10/3/2000	<2.5	24	520	1500	<6.2	2330	—	—	<5.0
	3/29/2001	<2.6	21	390	1200	<8.1 M	2110	—	—	3.5
	6/6/2001	<2.6	19	350	1000	<4.4 M	1980	—	—	2.0
	5/5/2003	158	42 B	472	1330	312	2506 B	—	—	12600
	8/26/2003	54	28	484	1286	<20	2515 B	—	—	4.0 JB
	10/16/2003	36.8	24.7	532	1470	<1.0	3062	—	—	11400
	4/23/2004	30.4	23.5 B	424	1120	<1.0	2488 B	—	—	<5.0
	5/5/2005	215	30.0	495	1260	245	2700	—	—	3.0J
	11/3/2005	212	26.9	378	965	203	1963	—	—	<5.0
	5/8/2006	90	24.0	490	1200	<5.0	2610	3500 *	12000 B	2.9 J
	11/21/2006	64	21.0	370	900	<1.0	1850	—	—	<5.0
MW-4	7/13/2000	<0.39	<0.37	<0.4	<1.4	<0.47	<1.03	—	—	37
	10/31/2000	<0.10	<0.10	<0.25	<0.25	<0.25	<0.20	—	—	<5
	3/29/2001	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	—	—	1.4
	6/6/2001	<0.13	<0.20	<0.22	<0.23	<0.16	<0.51	—	—	<1.2
	5/5/2003	<1.0	<1.0 B	<1.0	<1.0	<1.0	<1.0 B	—	—	<3.0
	8/26/2003	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 B	—	—	<5.0 B
	10/16/2003	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	—	—	<5.0
	4/23/2004	<1.0	<1.0 B	<1.0	<1.0	<1.0	<1.0 B	—	—	<5.0
	5/5/2005	—	—	—	—	—	—	—	—	—
	11/3/2005	—	—	—	—	—	—	—	—	—
	5/8/2006	—	—	—	—	—	—	—	—	—
	11/21/2006	—	—	—	—	—	—	—	—	—
MW-5	7/13/2000	7.4 J	41	230	890	<4.7	880	—	—	4.1
	7/13/2000 DUP	10 J	47	250	1000	<4.7	990	—	—	2.7 J
	10/31/2000	<1.0	12	240	630	<2.5	750	—	—	<5
	3/29/2001	<2.6	22	240	750	<5.8 M	760	—	—	3.2
	3/29/2001 DUP	<2.6	19	220	710	<4.0 M	670	—	—	-
	6/6/2001	<1.3	21	240	760	<5.4 M	730	—	—	2.5
	06/06/2001 DUP	<1.3	19	220	880	<4.0 M	630	—	—	-
	5/5/2003	83.2	30.8 B	246	720	157	696 B	—	—	<3.0
	8/26/2003	10.20	4.5	92.5	245.7	<1.0	284 B	—	—	2.0 JB
	10/16/2003	1.1	5.4	136	244	<1.0	257.4	—	—	<5.0
	4/23/2004	1.5	16.3 B	260	820	<1.0	691 B	—	—	<5.0
	5/5/2005	66.0	26.0	250	778	94.00	529.0	—	—	<5.0
	11/3/2005	67.1	16.5	167	151	105.00	161.7	—	—	<5.0
	5/8/2006	1.7	21.0	260	760	<1.0	349.0	1500 *	5700 B	<5.0
	11/21/2006	2.6	34	200	490	<1.0	399	—	—	<5.0
MW-6	10/16/2003	7.50	<1.0	48.6	19.5	<1.0	11.7	—	—	<5.0
	4/23/2004	41.1	7.90	169 B	106	<1.0	33.3 B	—	—	<5.0
	5/5/2005	87.0	7.0J	134	46	61.00	22.0	—	—	<5.0
	11/3/2005	28.2	1.33	<1.0	1	13.40	1.5	—	—	<5.0
	5/8/2006	24.0	5.20	150	57	<1.0	29.2	480 *	2900 B	<5.0
	11/21/2006	4.2	<1.0	7.8	<2.0	<1.0	<2.0	—	—	<5.0
	12/20/2007	1.3	<1.0	<1.0	<2.0	<1.0	<2.0	—	—	<5.0
MW-7	11/3/2005	<1.0	<1.0	1.24	<1.00	7.12	<1.0	—	—	<5.0
	5/8/2006	<1.0	<1.0	5.00	<2.0	<1.0	<2.0	210 *	320 B	<5.0
	11/21/2006	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	—	—	—
MW-8	11/3/2005	—	—	—	—	—	—	—	—	—
	5/8/2006	—	—	—	—	—	—	—	—	—
	11/21/2006	—	—	—	—	—	—	—	—	—
	ES	5	1000	700	10000	60	480	NA	NA	15
	PAL	0.5	200	140	1000	12	96	NA	NA	1.5

Notes:

PVOCs = Petroleum Volatile Oraganic Compounds
LOD = Laboratory Limit of Detection
LOQ = Laboratory Limit of Quantification
B = Analyte found in equipment rinsate
J = Analyte detected between LOD and LOQ
* = Surrogate exceeds the control limits
M = Matrix Interference
— = not analyzed or not sampled
All analytes were reported in micrograms per liter (ug/L).
ES = Enforcement Standards set by the Wisconsin Administrative Code Chapter NR 140.1
PAL = Preventive Action Limits set by the Wisconsin Administrative Code Chapter NR 140.1
MTBE = Methyl tert-butyl ether
TMB = Trimethylbenzenes

TABLE 2I
LABORATORY ANALYTICAL RESULTS - PAHs
Former Texaco Service Station
17535 West North Avenue
Brookfield, Wisconsin

Well Number	Sample Date	Anthracene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Benzo (ghi) perlyene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Flourene	Indeno (1,2,3-cd) pyrene	1 -Methyl naphthalene	2-Methyl naphthalene	Naphthalene**	Phenanthrene	Pyrene
MW-1	7/13/2000	<0.01	<0.074	*<0.065*	<0.01	*<0.1*	<0.52	*<0.7*	<0.42	<0.36	<0.33	<0.59	<0.21	<0.2	<0.22	0.1 J	<0.059
	10/31/2000	----	----	----	----	----	----	----	----	----	----	----	----	----	<0.25	----	----
	3/29/2001	----	----	----	----	----	----	----	----	----	----	----	----	----	<0.46	----	----
	6/6/2001	----	----	----	----	----	----	----	----	----	----	----	----	----	<0.46	----	----
	5/5/2003	<0.50	<0.10	*0.17*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	0.11 J	----	----	<1.00	<0.50	<0.20
	8/26/2003	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	----	----	<1.00	<0.50	<0.20
	10/16/2003	1.10	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	----	----	<1.00	<0.50	1.74
	4/23/2004	<0.51	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	----	----	<1.02	<0.51	<0.20
	5/5/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/3/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	5/8/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/21/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2	7/13/2000	<0.01	<0.074	*<0.065*	<0.01	*<0.1*	<0.52	*<0.7*	<0.42	<0.36	<0.33	<0.59	<0.21	<0.2	<0.22	0.1 J	<0.059
	10/31/2000	----	----	----	----	----	----	----	----	----	----	----	----	----	<0.25	----	----
	3/29/2001	----	----	----	----	----	----	----	----	----	----	----	----	----	<0.46	----	----
	6/6/2001	----	----	----	----	----	----	----	----	----	----	----	----	----	<0.46	----	----
	5/5/2003	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	----	----	<1.00	<0.50	<0.20
	8/26/2003	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	----	----	<1.00	<0.50	<0.20
	10/16/2003	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	----	----	<1.00	<0.50	<0.20
	4/23/2004	<0.51	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	0.15 J	<0.51	<0.20	----	----	<1.02	<0.51	<0.20
	5/5/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/3/2005	<1.0	<0.2	*<0.1*	<0.14	*<0.1*	<0.2	*<0.10*	<0.20	<0.20	<0.50	<0.20	---	---	<5.00	<0.50	<0.20
	5/8/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/21/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-3	7/13/2000	<0.01	<0.074	*<0.065*	<0.01	*<0.1*	<0.52	*<0.7*	<0.42	<0.36	<0.33	<0.59	17	54	**140**	0.28	<0.059
	10/31/2000	----	----	----	----	----	----	----	----	----	----	----	----	----	**130**	----	----
	3/29/2001	----	----	----	----	----	----	----	----	----	----	----	----	----	**110**	----	----
	6/6/2001	----	----	----	----	----	----	----	----	----	----	----	----	----	**120**	----	----
	5/5/2003	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<5.00	<0.20	----	----	**54.5**	<0.50	<0.20
	8/26/2003	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<5.00	<0.20	----	----	**130**	<5.00	<0.20
	10/16/2003	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<5.00	<0.20	----	----	<1.00	<5.00	<0.20
	4/23/2004	<0.51	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	1.82	<0.20	----	----	**47.2**	<0.51	<0.20
	5/5/2005	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.5	<0.20	---	---	**245J**	<0.50	<0.20
	11/3/2005	<1.11	<0.222	*0.127*	<0.156	*<0.111*	<0.222	*0.417*	<0.222	<0.222	7.37	<0.222	---	---	**145**	<0.556	0.799
	5/8/2006	<0.046	<0.12	*<0.046*	<0.046	*<0.12*	<0.18	*<0.12*	<0.28	<0.12	0.86	<0.12	---	---	**75**	0.053 J	<0.23
	11/21/2006	<0.051	<0.13	*<0.051*	<0.051	*<0.13*	<0.20	*<0.13*	<0.30	<0.13	<0.25	<0.13	---	---	**83**	<0.10	<0.25

TABLE 2I

LABORATORY ANALYTICAL RESULTS - PAHs

Former Texaco Service Station

17535 West North Avenue

Brookfield, Wisconsin

Well Number	Sample Date	Anthracene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Benzo (ghi) perlyene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Flourene	Indeno (1,2,3-cd) pyrene	1 -Methyl naphthalene	2-Methyl naphthalene	Naphthalene**	Phenanthrene	Pyrene
MW-4	7/13/2000	0.039	<0.074	*<0.065*	<0.01	*<0.1*	<0.52	*<0.7*	<0.42	<0.36	<0.33	<0.59	<0.21	<0.2	<0.22	0.16	<0.059
	10/31/2000	----	----	----	----	----	----	----	----	----	----	----	----	----	<0.25	----	----
	3/29/2001	----	----	----	----	----	----	----	----	----	----	----	----	----	<0.46	----	----
	6/6/2001	----	----	----	----	----	----	----	----	----	----	----	----	----	<0.46	----	----
	5/5/2003	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	----	----	<1.00	<0.50	<0.20
	8/26/2003	<1.00	0.36	**0.3**	<0.28	**0.2**	<0.40	**0.26**	<0.40	<0.40	<1.00	<0.40	----	----	<2.00	<1.00	0.4
	10/16/2003	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	----	----	<1.00	<0.50	<0.20
	4/23/2004	<0.51	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	----	----	<1.00	<0.50	<0.20
	5/5/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/3/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	5/8/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/21/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-5	7/13/2000*	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
	DUP	0.034	<0.074	*<0.065*	<0.01	*<0.1*	<0.52	*<0.7*	<0.42	<0.36	<0.33	<0.59	12	25	*38*	0.36	<0.059
	10/31/2000	----	----	----	----	----	----	----	----	----	----	----	----	----	*35*	----	----
	3/29/2001	----	----	----	----	----	----	----	----	----	----	----	----	----	**46**	----	----
	6/6/2001	----	----	----	----	----	----	----	----	----	----	----	----	----	**60**	----	----
	5/5/2003	0.47 J	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	----	----	**62**	<0.50	<0.20
	8/26/2003	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	1.84	<0.20	----	----	*26*	17.1	<0.20
	10/16/2003	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	1.02	<0.20	----	----	*19.4*	24.2	<0.20
	4/23/2004	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	0.96	<0.20	----	----	*17.3*	<0.51	<0.20
	5/5/2005	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	0.16J	0.96	<0.2	---	---	**85.0**	<0.50	<0.20
	11/3/2005	<1.11	<0.222	*<0.111*	<0.156	*<0.111*	<0.222	*<0.111*	<0.222	<0.222	<0.556	<0.222	---	---	**41.8**	<0.556	<0.222
	5/8/2006	<0.048	<0.13	*<0.048*	<0.048	*<0.13*	<0.19	*<0.13*	<0.29	<0.13	0.45	<0.13	---	---	*18.0*	0.078 J	<0.24
	11/21/2006	<0.050	<0.13	*<0.050*	<0.050	*<0.13*	<0.20	*<0.13*	<0.30	<0.13	<0.25	<0.13			*22*	<0.10	<0.25
MW-6	10/16/2003	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	----	----	<1.00	2.12	<0.20
	4/23/2004	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	----	----	2.2	<0.51	<0.20
	5/5/2005	<0.50	<0.10	*<0.10*	<0.14	*<0.10*	<0.20	*<0.10*	<0.20	<0.20	<0.50	<0.20	---	---	*23*	<0.50	<0.20
	11/3/2005	<1.11	<0.222	*<0.111*	<0.156	*<0.111*	<0.222	*<0.111*	<0.222	<0.222	<0.556	<0.222	---	---	7.88	<0.556	<0.222
	5/8/2006	<0.046	<0.12	*<0.046*	<0.046	*<0.12*	<0.18	*<0.12*	<0.28	<0.12	0.31	<0.12	---	---	2.5	<0.092	<0.23
	11/21/2006	<0.051	<0.13	*<0.051*	<0.051	*<0.13*	<0.20	*<0.13*	<0.31	<0.13	<0.26	<0.13	---	---	<1.3	<0.10	<0.26
MW-7	11/3/2005	<1.11	<0.222	*<0.111*	<0.156	*<0.111*	<0.222	*<0.111*	<0.222	<0.222	<0.556	<0.222	---	---	*10.9*	<0.556	<0.222
	5/8/2006	<0.046	<0.12	*<0.046*	<0.046	*<0.12*	<0.18	*<0.12*	<0.28	<0.12	<0.15	<0.12	---	---	<1.2	<0.092	<0.23
	11/21/2006	<0.049	<0.13	*<0.049*	<0.049	*<0.13*	<0.20	*<0.13*	<0.29	<0.13	<0.25	<0.13	---	---	<1.3	<0.098	<0.25
MW-8	11/3/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	5/8/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/21/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	ES	**3000**	NA	**0.2**	NA	**0.2**	NA	**0.2**	NA	**400**	**400**	NA	NA	NA	**40**	NA	**250**
	PAL	*600*	NA	*0.02*	NA	*0.02*	NA	*0.02*	NA	*80*	*80*	NA	NA	NA	*8*	NA	*50*

Notes:

* = MW-5 PAH container broken prior to laboratory receipt

** = EPA Method 8310 was used for analysis of PAHs during July 2000. Naphthalene results for October 2000 were obtained using EPA Method 8280.

Analytes reported in micrograms per liter (ug/L).

PAHs = Polymuclear Aromatic Hydrocarbons

LOD = Limit of Detection

LOQ - Limit of Quantification

J = Analyte detected between LOD and LOQ.

ES = Enforcement standard set by the Wisconsin Administrative Code Chapter NR 140.1

PAL = Preventive Action Limit sat by the Wisconsin Administrative Code chapter NR 140.1

NA= No established PAL or ES

---- = Not sampled

TABLE 3I

GROUNDWATER ELEVATION AND NATURAL ATTENUATION PARAMETERS

Former Texaco Service Station

17535 West North Avenue

Brookfield, Wisconsin

Well Number	Sample Date	TOC Elevation (feet)	Total Depth (feet below TOC)	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet)	Conductivity (mmhos)	Temperature (C°)	pH	Dissolved Oxygen (mg/L)	Redox (mV)	Alkalinity (mgIL)	Nitrate (mg/L)	Sulfate (mg/L)	Dissolved Iron (mg/L)	Methane (ug/L)
MW-1	7/12/2000	101.44	14.40	4.01	97.43	----	----	----	----	----	----	----	----	----	----
	7/13/2000		14.58	4.18	97.26	1.74	17.97	6.71	3.22	356	----	0.93	35.0	0.51	----
	10/31/2000		14.40	4.89	96.55	1.26	17.50	7.03	1.70	-2.2	----	----	----	----	----
	3/29/2001		14.40	4.11	97.33	1.12	6.13	6.76	----	234.5	----	<0.50	35.0	<0.042	----
	6/6/2001		14.55	3.33	98.11	1.03	12.10	----	0.65	----	----	<1.0	33.0	<0.042	----
	5/5/2003		14.80	1.50	99.94	9.10	9.70	4.36	6.35	----	----	2.06	28.2	0.233	----
	8/26/2003		14.80	5.42	96.02	2.32	16.10	6.53	-0.24	----	----	2.18	36.3	0.01 J	----
	10/16/2003		14.80	5.50	95.94	2.38	16.00	6.88	-1.03	----	----	7.69	41.6	<0.05	----
	4/23/2004		14.80	3.77	97.67	2.85	8.60	7.1	5.32	----	----	11.8	54.8	<0.05	----
	5/5/2005		14.80	5.30	96.14	---	---	---	---	---	---	---	---	---	---
	11/3/2005		14.80	NM	NM	---	---	---	---	---	---	---	---	---	---
	5/8/2006		14.80	NM	NM	---	---	---	---	---	---	---	---	---	---
	11/21/2006		14.80	4.91	96.53	---	---	---	---	---	---	---	---	---	---
MW-2	7/12/2000	105.12	19.60	4.73	100.39	----	----	----	----	----	----	----	----	----	----
	7/13/2000		19.63	13.94	91.18	1.50	13.23	6.98	5.43	319	----	0.65	110	2.3	----
	10/31/2000		19.72	5.50	99.62	1.06	15.60	7.10	0.60	-3.8	----	----	----	----	----
	03/29/2001		19.72	8.49	96.63	1.08	6.22	7.01	----	174.5	----	<0.50	160	0.047	----
	6/6/2001		19.62	7.23	97.89	8.60	10.90	----	0.90	----	----	<0.50	150	<0.042	----
	5/5/2003		19.90	3.00	102.12	1.71	10.10	7.02	-0.97	----	----	0.60	85.0	0.321	----
	8/26/2003		19.90	6.01	99.11	1.81	16.00	6.72	0.15	----	----	1.30	111	0.011 J	----
	10/16/2003		19.90	6.65	98.47	1.72	14.20	7.08	-0.50	----	----	0.69	116	<0.05	----
	4/23/2004		19.90	5.90	99.22	1.99	9.00	7.1	5.39	----	----	1.72	86.5	<0.05	----
	5/5/2005		19.90	5.69	99.43	---	---	---	---	---	---	---	---	---	---
	11/3/2005		19.73	5.87	99.25	2.17	15.80	7.33	0.00	62	---	1.74	109.0	<0.05	---
	5/8/2006		19.73	NM	NM	---	---	---	---	---	---	---	---	---	---
	11/21/2006		19.73	5.14	99.98	---	---	---	---	---	---	---	---	---	---
MW-3	7/12/2000	100.22	14.50	2.34	97.88	----	----	----	----	----	----	----	----	----	----
	7/13/2000		14.76	2.37	97.85	1.30	20.37	6.94	3.29	296	----	0.018	0.43	8.6	----
	10/31/2000		14.58	3.22	97.00	9.24	16.70	7.30	0.40	-17.1	360	<0.024	<2.0	4.3	460
	3/29/2001		14.58	2.36	97.86	1.45	6.22	6.72	----	-19.6	----	<0.50	6.8	11	----
	6/6/2001		14.70	1.58	98.64	1.23	13.40	----	0.55	----	----	<1.0	19	7.7	----
	5/5/2003		14.95	1.71	98.51	3.50	8.60	7.24	-1.32	----	----	<0.10	8.80	12.6	----
	8/26/2003		14.95	4.14	96.08	3.24	17.10	7.03	-0.30	----	----	<0.10	<1.0	11.8	----
	10/16/2003		14.95	4.34	95.88	2.78	16.70	7.26	-1.16	----	----	<0.10	<1.0	11.4	----
	4/23/2004		14.95	2.28	97.94	3.74	9.00	7.2	5.00	----	----	<0.10	3.30	<0.05	----
	5/5/2005		14.95	4.10	96.12	3.54	9.60	7.09	0.00	---	---	<0.1	<0.1	13.7	---
	11/3/2005		14.59	4.57	95.65	3.49	16.70	7.45	0.00	-170	---	<0.10	<1.0	14	---
	5/8/2006		14.72	3.39	96.83	7.10	11.08	7.07	0.00	-145	---	<0.10	17.00	1.1 B	---
	11/21/2006		14.61	3.90	96.32	5.42	11.90	7.65	0.18	-148	---	---	---	---	---

TABLE 3I

GROUNDWATER ELEVATION AND NATURAL ATTENUATION PARAMETERS

Former Texaco Service Station

17535 West North Avenue

Brookfield, Wisconsin

Well Number	Sample Date	TOC Elevation (feet)	Total Depth (feet below TOC)	Depth to Groundwater (feet below TOC)	Groundwater Elevation (feet)	Conductivity (mmhos)	Temperature (C°)	pH	Dissolved Oxygen (mg/L)	Redox (mV)	Alkalinity (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Dissolved Iron (mg/L)	Methane (ug/L)
MW-4	07/12/2000	103.17	14.10	4.99	98.18	----	----	----	----	----	----	----	----	----	----
	7/13/2000		14.85	5.05	98.12	1.35	18.34	6.8	4.58	340	----	2.7	36	6.7	----
	10/31/2000		14.65	6.06	97.11	8.57	16.60	7.06	4.10	-4.3	330	1.5	41	<0.024	1.7
	3/29/2001		14.65	4.87	98.30	7.46	6.37	6.73	----	251	----	3.5	44	0.053	----
	6/6/2001		14.45	4.20	98.97	3.66	12.90	----	3.4	----	----	2.4	28	<0.042	----
	5/5/2003		17.45	4.41	98.76	1.23	9.90	6.99	3.65	----	----	0.660	24.2	0.276	----
	8/26/2003		17.45	7.30	95.87	2.02	17.60	6.85	-0.16	----	----	0.250	26.9	<0.05	----
	10/16/2003		13.45	7.50	95.67	2.19	17.00	7.07	-1.07	----	----	<0.10	14.2	<0.05	----
	4/23/2004		13.45	5.00	98.17	1.80	9.40	7.1	8.2	----	----	1.6	33.8	<0.05	----
	5/5/2005		13.45	7.27	95.90	---	---	---	---	---	---	---	---	---	---
	11/3/2005		13.45	NM	NM	---	---	---	---	---	---	---	---	---	---
	5/8/2006		13.45	NM	NM	---	---	---	---	---	---	---	---	---	---
	11/21/2006		13.45	7.17	96.00	---	---	---	---	---	---	---	---	---	---
MW-5	07/12/2000	104.42	15.40	6.39	98.03	----	----	----	----	----	----	----	----	----	----
	7/13/2000		15.62	6.39	98.03	1.29	19.06	6.91	1.25	277	----	0.04	1.2	0.91	----
	10/31/2000		15.45	7.21	97.21	9.54	16.80	7.19	0.60	-11.9	400	<0.024	<3.0	3.9	270
	3/29/2001		15.45	6.35	98.07	2.17	8.29	6.63	----	69.6	----	<0.50	26	9.8	----
	6/6/2001		15.35	5.50	98.92	1.07	12.70	----	0.43	----	----	<1.0	14	4.4	----
	5/5/2003		15.50	5.87	98.55	2.76	10.50	7.16	-1.08	----	----	<0.10	<2.0	9.4	----
	8/26/2003		15.50	8.33	96.09	2.93	18.80	7.02	-0.22	----	----	<0.10	3.4	9.1	----
	10/16/2003		15.50	8.55	95.87	2.39	18.10	7.27	-1.09	----	----	<0.10	<1.0	8.14	----
	4/23/2004		15.50	6.47	97.95	2.77	10.60	7.2	4.35	----	----	0.15	5.4	<0.05	----
	5/5/2005		15.50	8.35	96.07	4.45	11.90	6.99	0.00	---	---	<0.10	<0.1	13.1	---
	11/3/2005		15.59	8.86	95.56	3.09	18.00	7.51	0.00	-168	---	<0.10	1.1	7.58	---
	5/8/2006		15.62	7.64	96.78	4.60	13.27	7.1	0.00	-140	---	<0.10	<5.0	1.6 B	---
	11/21/2006		16.15	8.15	96.27	3.89	14.50	7.65	0.03	-158	---	---	---	---	---
MW-6	10/16/2003	NM	19.50	7.30	NM	3.94	14.80	7.02	-0.85	----	----	<0.10	7.90	4.66	----
	4/23/2004	99.33	19.50	6.01	93.32	4.15	9.40	7.1	6.40	----	----	<0.10	4.10	<0.05	----
	5/5/2005		19.50	7.13	92.20	4.41	10.20	6.72	0.00	---	---	<0.1	<0.1	16.9	---
	11/3/2005		19.43	8.45	90.88	4.58	15.60	7.3	0.00	-166	---	<0.10	13.80	16.4	---
	5/8/2006		19.35	6.26	93.07	5.20	11.98	6.47	0.00	-128	---	<0.10	2.0 J	1.7 B	---
	11/21/2006		19.85	6.66	92.67	5.64	11.80	7.44	0.28	-121	---	---	---	---	---
MW-7	11/3/2005	96.47	15.04	6.73	89.74	3.19	15.70	7.27	0.00	-146	---	<0.10	45.40	14.4	---
	5/8/2006		15.00	4.69	91.78	6.89	11.90	6.78	0.00	-89	---	<0.10	13.00	5.2 B	---
	11/21/2006		14.86	5.00	91.47	4.87	11.50	7.37	0.42	-105	---	---	---	---	---
MW-8	11/3/2005	99.07	24.01	Dry	---	---	---	---	---	---	---	---	---	---	---
	5/8/2006	99.07	24.01	NM	NM	---	---	---	---	---	---	---	---	---	---
	11/21/2006		24.00	Dry	---	---	---	---	---	---	---	---	---	---	---

Notes:

TOC = Top of casing

REDOX = Oxidation/ Reduction Potential

mmhos = millimhos

mg/L = milligrams per liter

ug/L = micrograms per liter

mV = millivolts

B = Analyte found in equipment rinsate

J = Analyte detected between LOD and LOQ

* = Well was dry; could not be sampled

---- = not analyzed

RIGHT-OF-WAY

May 7, 2007

Ms. Shar TeBeest
Bureau of Equity and Environmental Services
4802 Sheboygan Avenue, Room 451
Madison, WI 53705

SUBJECT: Notification of Contamination in Right-of-Way
Case Summary and Close Out Request
Former Texaco Facility, (Chevron Facility #211152)
17535 West North Avenue, Brookfield, Wisconsin.

Dear Ms. TeBeest:

Science Applications International Corporation (SAIC) is submitting this Notification of Contamination in Right-of-Way to fulfill a requirement of a Case Summary and Close Out Request that is being submitted to the Wisconsin Department of Natural Resources (WDNR) on behalf of Chevron Environmental Management Company (Chevron). Enclosed are figures and tables that define the current conditions of residual contamination in the vicinity of the subject site.

If you have any questions or require any further information, please feel free to contact me at (678) 539-2659 or okeefer@saic.com.

Respectfully submitted,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

Richard O'Keefe, P.G.
Senior Project Manager

Attachments
cc: Ms. Denise Dixon – Chevron Project Manager
Brett Vreeke– WI DOT, Southeast Region
Project File 211152

RIGHT-OF-WAY

SAIC

May 7, 2007

Mr. Thomas M. Grisa
Director of Public Works
City of Brookfield
2000 Calhoun Road
Brookfield, WI 53005

SUBJECT: Notification of Contamination in Right-of-Way
Case Summary and Close Out Request
Former Texaco Facility, (Chevron Facility #211152)
17535 West North Avenue, Brookfield, Wisconsin.

Dear Mr. Knoeck:

Science Applications International Corporation (SAIC) is submitting this Notification of Contamination in Right-of-Way to fulfill a requirement of a Case Summary and Close Out Request that is being submitted to the Wisconsin Department of Natural Resources (WDNR) on behalf of Chevron Environmental Management Company (Chevron). Enclosed are figures and tables that define the current conditions of residual contamination in the vicinity of the subject site.

If you have any questions or require any further information, please feel free to contact me at (678) 539-2659 or okeefer@saic.com.

Respectfully submitted,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

Richard O'Keefe, P.G.
Senior Project Manager

Attachments
cc: Ms. Denise Dixon – Chevron Project Manager
Project File 211152