

Source Property Information

BRRTS #:	03-41-000072	Closure Date:	February 18, 2011
ACTIVITY NAME:	McGaughey Property/Fran's Service Station (Former)	FID#:	241588160
PROPERTY ADDRESS:	5939 W Beloit Rd	DATCP#:	
MUNICIPALITY:	West Allis	COMM#:	53219-1559-39
PARCEL ID#:	455-0122-000		

***WTM Coordinates:**

X: Y:

**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:

- | | |
|---|--|
| <input checked="" type="checkbox"/> <u>Groundwater</u> Contamination > ES (236) | <input checked="" type="checkbox"/> <u>Soil</u> Contamination > *RCLs or **SSRCL (232) |
| <input checked="" type="checkbox"/> Groundwater Contamination in ROW | <input checked="" type="checkbox"/> Soil Contamination in ROW |
| <input type="checkbox"/> Off-Source Contamination | <input type="checkbox"/> Off-Source Contamination |

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

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

Land Use Controls:

- | | |
|---|---|
| <input type="checkbox"/> Soil: maintain industrial zoning (220) | <input checked="" type="checkbox"/> Cover or Barrier (222) |
| <input type="checkbox"/> Structural Impediment (224) | <input type="checkbox"/> Vapor Mitigation (226) |
| <input type="checkbox"/> Site-Specific Condition (228) | <input type="checkbox"/> Maintain Liability Exemption (230) |

(note: soil contaminant concentrations between residential and industrial levels)

(note: maintenance plan for groundwater or direct contact)

(note: local government or economic development corporation)

Monitoring wells properly abandoned? (234)

- Yes
 No
 N/A

*Residual Contaminant Level
 **Site Specific Residual Contaminant Level

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 #: 03-41-000072

PARCEL ID #: 455-0122-000

ACTIVITY NAME: McGaughey Property

WTM COORDINATES: X: 684049 Y: 283724

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

- Closure Letter**
- 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

- 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:**
- 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.

- 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 #: 1 **Title: Site Location**
- 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 #: 2 **Title: TEMCO Figure 2 and OTIE Plan Details**
- 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 #: 6 **Title: Location of former UST basins and soil excav and soil cont dist of soil excav samples**

BRRTS #: 03-41-000072

ACTIVITY NAME: McGaughey Property

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 #: Plan & Prof Title: Plan and Profile

Figure #: Title:

- 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 #: 5.4 Title: Groundwater Contours: March 17, 2009

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

Figure #: 5.2 Title: Groundwater Contours: October 30, 2001

Figure #: 5.3 Title: Groundwater Contours: September 27, 2004

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 #: 4 Title: Residual Soil Contamination Remaining On-Site - GRO,DRO, & PVOC

- 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 #: 1 & 2 Title: Soil Analytical Results: VOC; GW Analytical Results: Lead

- 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 #: 3 Title: GW Elevation and Well Elevation Measurements

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 #: 6 Title: Location of former UST basins and soil excav and soil cont dist of soil excav samples

- 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 #: 03-41-000072

ACTIVITY NAME: McGaughey Property

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.

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: 1



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
9316 North 107th Street
Milwaukee, Wisconsin 53224-1121
TTY: Contact Through Relay
Fax: (414) 357-4700
Scott Walker, Governor
Paul F. Jadin, Secretary

February 18, 2011

Mr. John Stibal
City of West Allis
7525 West Greenfield Avenue
West Allis, WI 53214

RE: Final Closure with Land Use Limitation to Address Direct Contact Risk

Commerce # 53219-1559-39-A DNR BRRTS # 03-41-000072
McGaughey Property/Former Fran's Service Station, 5939 West Beloit Road, West Allis

Dear Mr. Stibal:

The Wisconsin Department of Commerce (Commerce) has determined that this site does not pose a significant threat to human health and the environment as long as current and subsequent property owners adhere to the following limitation:

The West Rogers Street cul-de-sac must be maintained as a barrier cap.

Commerce has the authority per section 292.12(2), Wis. Stats., to require the maintenance of a barrier cap at this property. Failure to adhere to this limitation may result in financial penalties from \$10 to \$5,000 per day in accordance with section 292.99(1), Wis. Stats. Commerce may conduct inspections to ensure compliance with the barrier cap requirement. In the future, you may request that Commerce review *new* information to determine if the cap requirement can be changed or removed.

In addition, three monitoring wells could not be properly abandoned because they were removed during property redevelopment. Commerce can approve final closure of your site as long as the current and subsequent property owners adhere to the following limitation:

If monitoring wells MW-1, MW-3 and MW-6 are located in the future, the then-current owner of the subject property will be required to properly abandon the wells in compliance with the requirements in NR 141, Wis. Admin. Code, and to submit the required abandonment documentation to Commerce.

Failure to adhere to this limitation may result in financial penalties from \$10 to \$5,000 per day in accordance with section 292.99(1), Wis. Stats. Be aware that property owners may be held liable for any contamination associated with improperly abandoned monitoring wells that create a conduit for contaminants to enter groundwater.

The following activities are prohibited on any portion of the property where pavement is required, as identified on the attached map, unless prior written approval has been obtained from Commerce: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

This site is now listed as "closed" on the Commerce database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil and groundwater contamination. To review all sites on the GIS Registry web page, visit <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. It is in your best interest to keep all documentation related

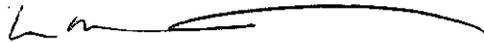
to the environmental activities at your site. If you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property owner at the time of excavation must have the soil sampled and analyzed to determine if residual contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation must determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.

Costs for sampling and excavation activities conducted after case closure are not eligible for PECFA reimbursement. However, if it is determined that any undisturbed remaining petroleum contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If this case is reopened, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 357-4703.

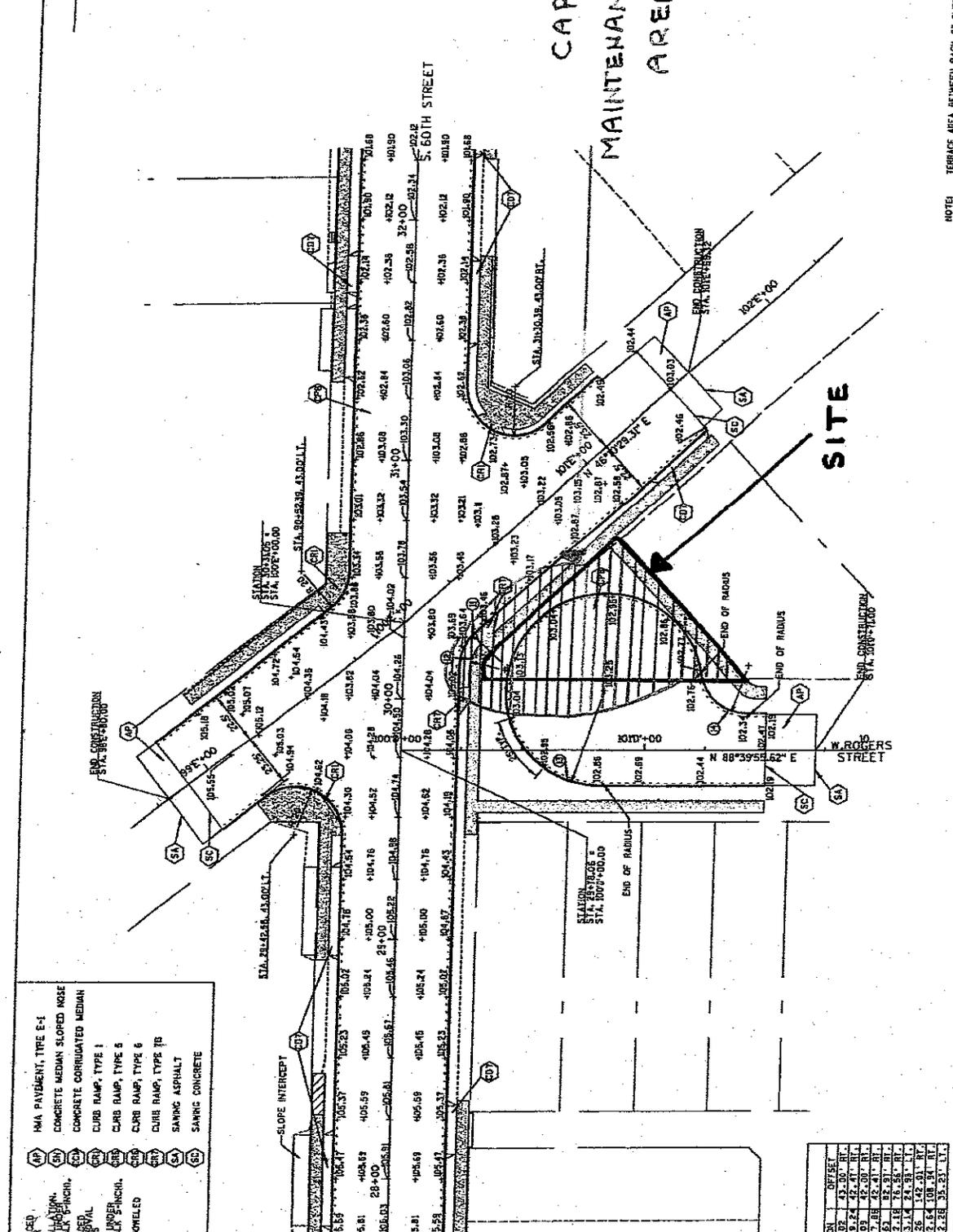
Sincerely,



Linda M. Michalets
Senior Hydrogeologist
Site Review Section

Enclosure

cc: Mr. Jeffrey Hosler, The Environmental Management Company, LLC



LEGEND

1. HMA PAVEMENT, TYPE E-1
 2. CONCRETE MEDIAN SLOPED ROSE
 3. CONCRETE CORRUGATED MEDIAN
 4. CURB RAMP, TYPE 1
 5. CURB RAMP, TYPE 5
 6. CURB RAMP, TYPE 6
 7. CURB RAMP, TYPE 7B
 8. SAWING ASPHALT
 9. SAWING CONCRETE

10. CONCRETE PAVEMENT 8-INCH DOWELED
 11. COLORED CONCRETE, 8-INCH
 12. CONCRETE SIDEWALK, 5-INCH
 13. CONCRETE DRIVEWAY, 7-INCH

14. ASPHALT TO BE REMOVED/REPLACED
 15. ASPHALT TO BE REPAIRED
 16. ASPHALT TO BE REPAIRED/REMOVED
 17. ASPHALT TO BE REPAIRED/REMOVED
 18. ASPHALT TO BE REPAIRED/REMOVED
 19. ASPHALT TO BE REPAIRED/REMOVED
 20. ASPHALT TO BE REPAIRED/REMOVED

RADIUS TABLE

NUMBER	RADIUS	STATION	OFFSET
11	20'	100+00 TO 100+20	2.00 FT.
12	14.5'	100+20 TO 100+40	1.50 FT.
13	49'	100+40 TO 100+60	4.50 FT.
14	20'	100+60 TO 100+80	2.00 FT.

NOTE: TERRACE AREA BETWEEN BACK OF CURB AND SIDEWALK TO BE CONCRETE SIDEWALK 5-INCH IN FRONT OF CURB AND CONCRETE DRIVEWAY 7-INCH IN FRONT OF CURB. SEE RESIDENTIAL PROPERTIES.

PROJECT NO: 2415-06-70
 COUNTY: MILWAUKEE
 HWY: S. 60TH STREET
 FILE NAME: 01/20/05 Proj000027 - 60th S-MilwaukeePlan/01/20/05/021309_01.dwg

PLAN DETAILS
 PLOT BY: DTE
 PLOT DATE: 7/25/2003
 PLOT SCALE: 1"=40'-0"

SHEET 42



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
9316 North 107th Street
Milwaukee, Wisconsin 53224-1121
TTY: Contact Through Relay
Fax: (414) 357-4700
Scott Walker, Governor
Paul F. Jadin, Secretary

January 19, 2011

Mr. John Stibal
City of West Allis
7525 West Greenfield Avenue
West Allis, WI 53214

RE: **Case Closure Consideration with Proposed Land Use Limitation for Direct Contact Risk**

Commerce # 53219-1559-39-A DNR BRRTS # 03-41-000072
Fran's Service Station (Former), 5939 West Beloit Road, West Allis

Dear Mr. Stibal:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, The Environmental Management Company, LLC, for the site referenced above. This letter serves as written notice that no further investigation or remedial action is necessary.

It is understood that the site was a former gasoline service station. One diesel and three gasoline underground storage tanks (USTs) were removed in the late 1980s. A waste oil UST was discovered and removed during site demolition activities in 2003. Petroleum contaminated soils were removed from the former tank locations, although residual soil and groundwater contamination remains. The property has since been converted to a cul-de-sac for West Rogers Street, with the residual soil contamination now beneath the roadway.

Please be aware that compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere, pursuant to section 292.12, Wisconsin Stats. If these requirements are not followed, Commerce may take enforcement action under section 292.11, Wis. Stats., to ensure compliance with the specified requirements, limitations or other conditions related to the property, or this case may be reopened pursuant to section NR 726.09, Wis. Administrative Code. It is Commerce's intent to conduct inspections in the future to ensure that the requirements included in this letter are followed.

Well Abandonment Requirements

The remaining monitoring well, MW-7, must be properly abandoned within 60 days and the appropriate documentation forwarded to Commerce at the letterhead address within 120 days of the date of this letter. Noncompliance with the abandonment requirement and deadline can result in enforcement action and financial penalties. In addition, provide well abandonment documentation for well MW-5, which was reportedly abandoned during construction of the cul-de-sac.

Land Use Limitation Requirement to Address Direct Contact Risk

Commerce has determined that this site does not pose a significant threat to the environment and human health as long as the barrier cap at this property remains in place. Residual petroleum concentrations in soil exceeding standards for the protection of human health from direct contact with contaminated soil remain beneath the newly constructed West Rogers Street cul-de-sac. Therefore, the existing roadway must be maintained to prevent direct contact exposure to shallow contaminated soil. A formal, written

"maintenance plan" is not required by Commerce, as the maintenance of this roadway is no different from what is required for all other City roads.

This limitation must be adhered to by the current property owner and any subsequent owner. Failure to adhere to this restriction may result in financial penalties from \$10 to \$5,000 per day in accordance with section 292.99(1), Wis. Stats.

The following activities are prohibited on any portion of the property where pavement is required, as identified on the attached map, unless prior written approval has been obtained from Commerce: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

Acceptance of the limitation to be imposed on the property makes it unnecessary to conduct additional soil remediation activities on the property at this time. In the future, you may request that Commerce review any *new* information to determine if the barrier requirement can be changed or removed. If you do not want this limitation on your property, you must contact the undersigned to determine what remedial activities will be required, at your own expense, to close this case without the barrier cap requirement.

GIS Registry of Closed Remediation Sites

Information submitted with your closure request will be included on the Department of Natural Resources (DNR) GIS Registry of Closed Remediation Sites. All sites on the Registry can be viewed via the Remediation and Redevelopment (RR) Sites Map at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. Because residual contamination remains at the time of case closure, if you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

Residual Soil Contamination

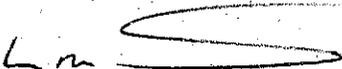
All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property owner at the time of excavation must have the soil sampled and analyzed to determine if residual contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation must determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Costs for sampling and excavation activities conducted after the date of this letter are not eligible for PECFA reimbursement.

Claim Submittal Requirement

Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 357-4703.

Sincerely,



Linda M. Michalets
Senior Hydrogeologist
Site Review Section

Enclosure

cc: Mr. Jeff Hosler; The Environmental Management Company, LLC

2



* 0 9 7 6 8 0 3 1 *

DOC.# 09768031

REGISTER'S OFFICE | SS
Milwaukee County, WI

RECORDED 07/23/2009 12:08PM

JOHN LA FAVE
REGISTER OF DEEDS
AMOUNT: 13.00
FEE EXEMPT 77.25 #: 2R

Document Number
WARRANTY DEED

Exempt from fee: s.77.25(2r) Wis. Stats.
LPA 3004 (DT1560) 99

THIS DEED, made by Community Development Authority of the City of West Allis, GRANTOR, conveys and warrants the property described below to the City of West Allis, GRANTEE, for the sum of Seventeen Thousand Two Hundred Dollars and 00/100 (\$17,200.00).

Any person named in this deed may make an appeal from the amount of compensation within six months after the date of recording of this deed as set forth in s.32.05(2a) Wisconsin Statutes. For the purpose of any such appeal, the amount of compensation stated on the deed shall be treated as the award, and the date the deed is recorded shall be treated as the date of taking and the date of evaluation.

Other persons having an interest of record in the property: None

Legal Description This (is not) homestead property:

SEE ATTACHED PAGE FOR THE LEGAL DESCRIPTION

This space is reserved for recording data

Return to

Single Source, Inc.
Attn: Marc McSorley
12750 West North Avenue
Brookfield, Wisconsin 53005

Parcel Identification Number/Tax Key Number

455-0122-000

FEE 77.25 (2r) EXEMPT

June 17, 2009

(Date)

John F. Stibal
(Signature)

Community Development Authority of the City of West Allis
(Print Name)

John F. Stibal, Executive Director/Secretary

(Signature)

(Print Name)

(Signature)

(Print Name)

(Signature)

(Print Name)

State of Wisconsin)

Milwaukee) ss.

County)

On the above date, this instrument was acknowledged before me by the named person(s).

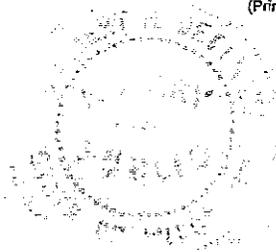
Delbert H. Dettmann
(Signature, Notary Public, State of Wisconsin)

Delbert H. Dettmann

(Print or Type Name, Notary Public, State of Wisconsin)

May 30, 2010

(Date Commission Expires)



LEGAL DESCRIPTION

Fee title in and to the following parcel of land in the City of West Allis, Milwaukee County, Wisconsin, described as:

Part of the Southwest $\frac{1}{4}$ of Section 2, Town 6 North, Range 21 East, in the City of West Allis, Milwaukee County, Wisconsin, described as follows:

All of Lot 5 of Block 10 of McGeoch Farm Subdivision No. 1, a recorded plat.

Said parcel contains 3,441 square feet (0.08 acres), more or less, for highway purposes.

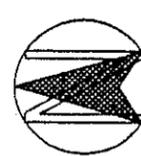


LAND INFORMATION SERVICES INC.
 ENGINEERS, SURVEYORS
 and CONSULTANTS
 1748 N. DR. MARTIN LUTHER KING, JR. DR.
 MILWAUKEE, WISCONSIN 5322
 PHONE: 414-267-2220
 FAX: 414-267-2223
 www.lisinc.net

5939 WEST BELOIT ROAD
 WEST ALLIS, WISCONSIN
 SITE MAP

DRAWN BY: J.T.M.
 CHECKED BY: M.L.W.
 DATE: 07/17/01
 JOB NUMBER: S01168FOE

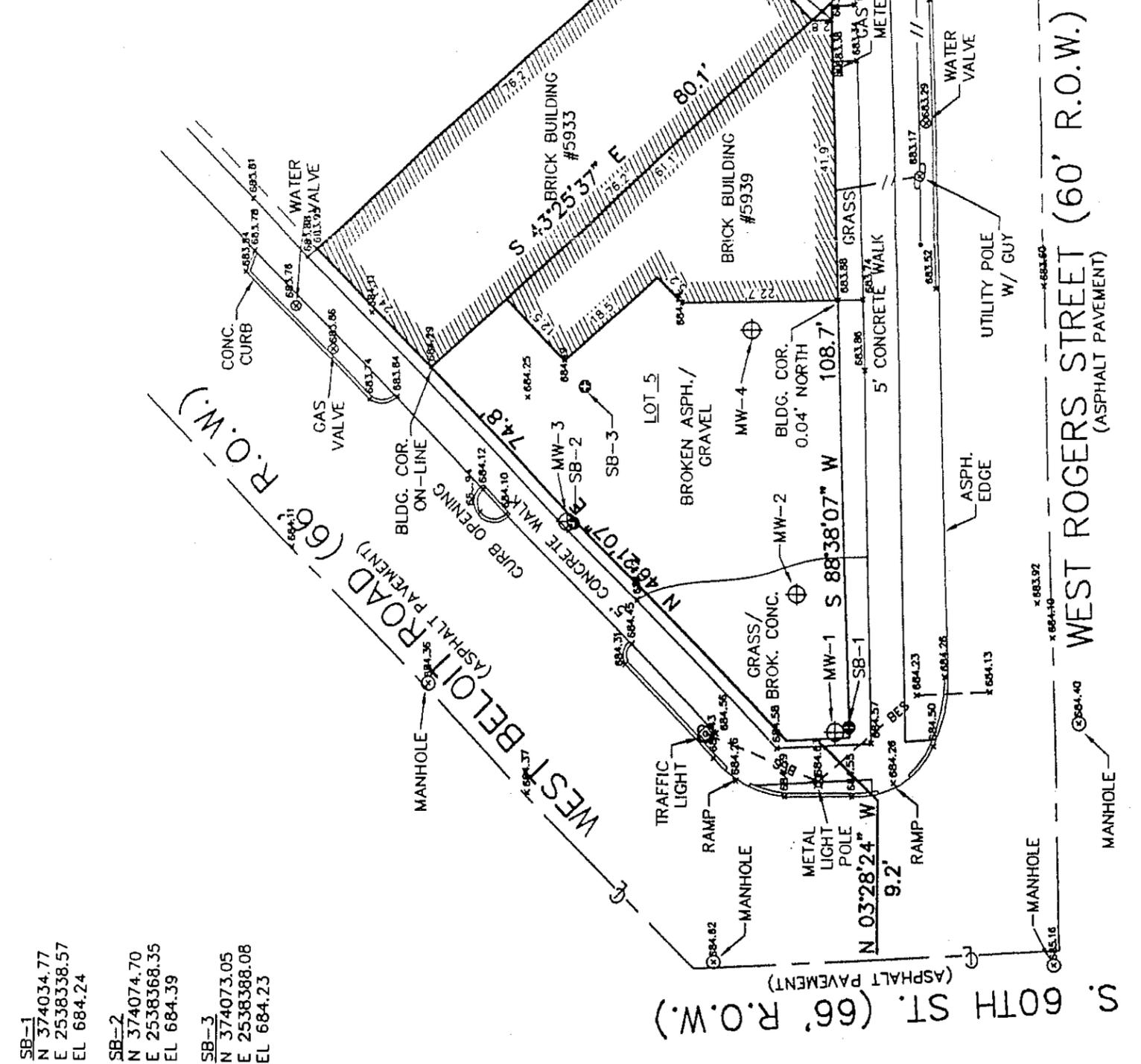
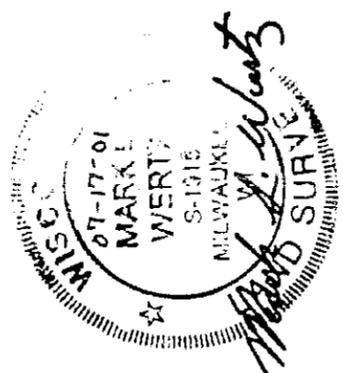
SCALE 1" = 20'



UNDERGROUND WATER AND UTILITY INFORMATION IS SHOWN AS OBTAINED FROM THE RECORDS OF THE CITY OF WEST ALLIS. THE LOCATION OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE MAP IS APPROXIMATE. THERE MAY BE PROJECT AREA THAT ARE NOT SHOWN.

5939 WEST BELOIT ROAD
 S01168
 SHEET 1 OF 1

LEGAL DESCRIPTION
 LOT 5, BLOCK 1 IN MCGEOCH FARM
 SUBDIVISION NO. 1 IN THE CITY OF WEST
 ALLIS, MILWAUKEE COUNTY, WISCONSIN.

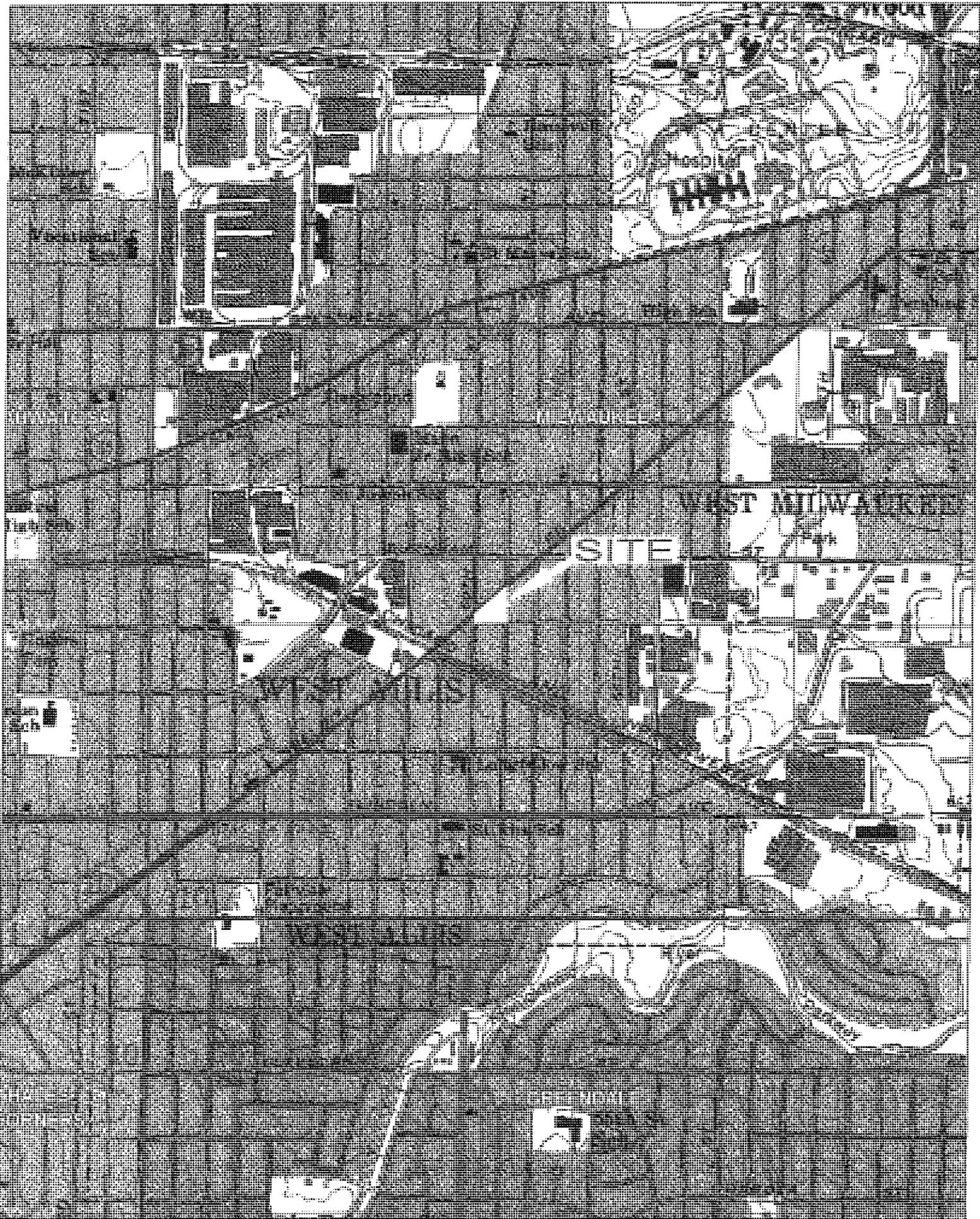


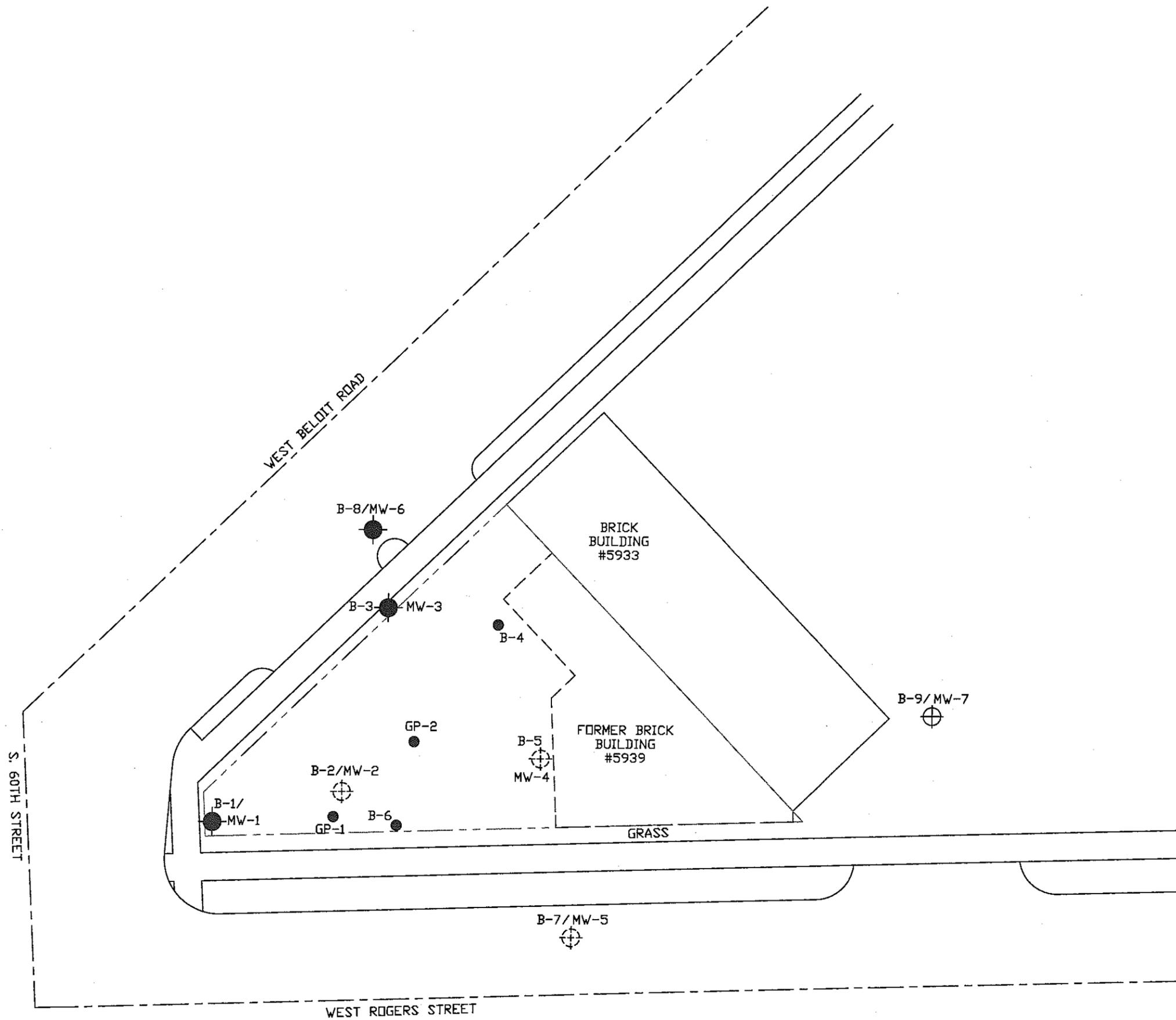
- NOTES:
- PROJECT BENCHMARK: CITY OF WEST ALLIS, WEST END OF DOOR SILL, 5817-19 WEST ROGERS STREET, ELEV=683.62'
 - NO POINTS FOUND OR SET.
 - EASEMENTS NOT SHOWN.

- | | | | |
|---|---|---|---|
| MW-1
N 374036.78
E 2538337.84
EL 684.48
TC 684.02 | MW-2
N 374042.24
E 2538357.91
EL 684.31
TC 683.89 | MW-3
N 374075.63
E 2538368.54
EL 684.37
TC 684.07 | MW-4
N 374048.76
E 2538396.69
EL 684.15
TC 683.89 |
| SB-1
N 374034.77
E 2538338.57
EL 684.24 | SB-2
N 374074.70
E 2538368.35
EL 684.39 | SB-3
N 374073.05
E 2538388.08
EL 684.23 | |

TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
 TOLL FREE
 1-800-240-6811
 WS STATUTE 19.09(2) REQUIRES YOU NOTICE BEFORE YOU EXCAVATE
 MILWAUKEE AREA 288-1811





- ⊕ MONITORING WELL
- SOIL BORING
- ⊕ ABANDONED MONITORING WELL
- ⊕ IMPROPERLY ABANDONED MONITORING WELL

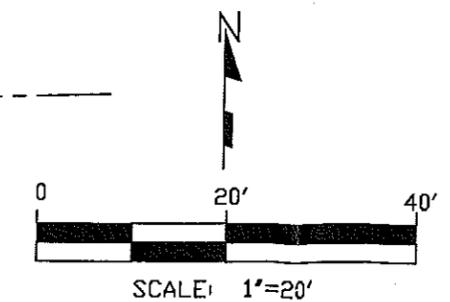
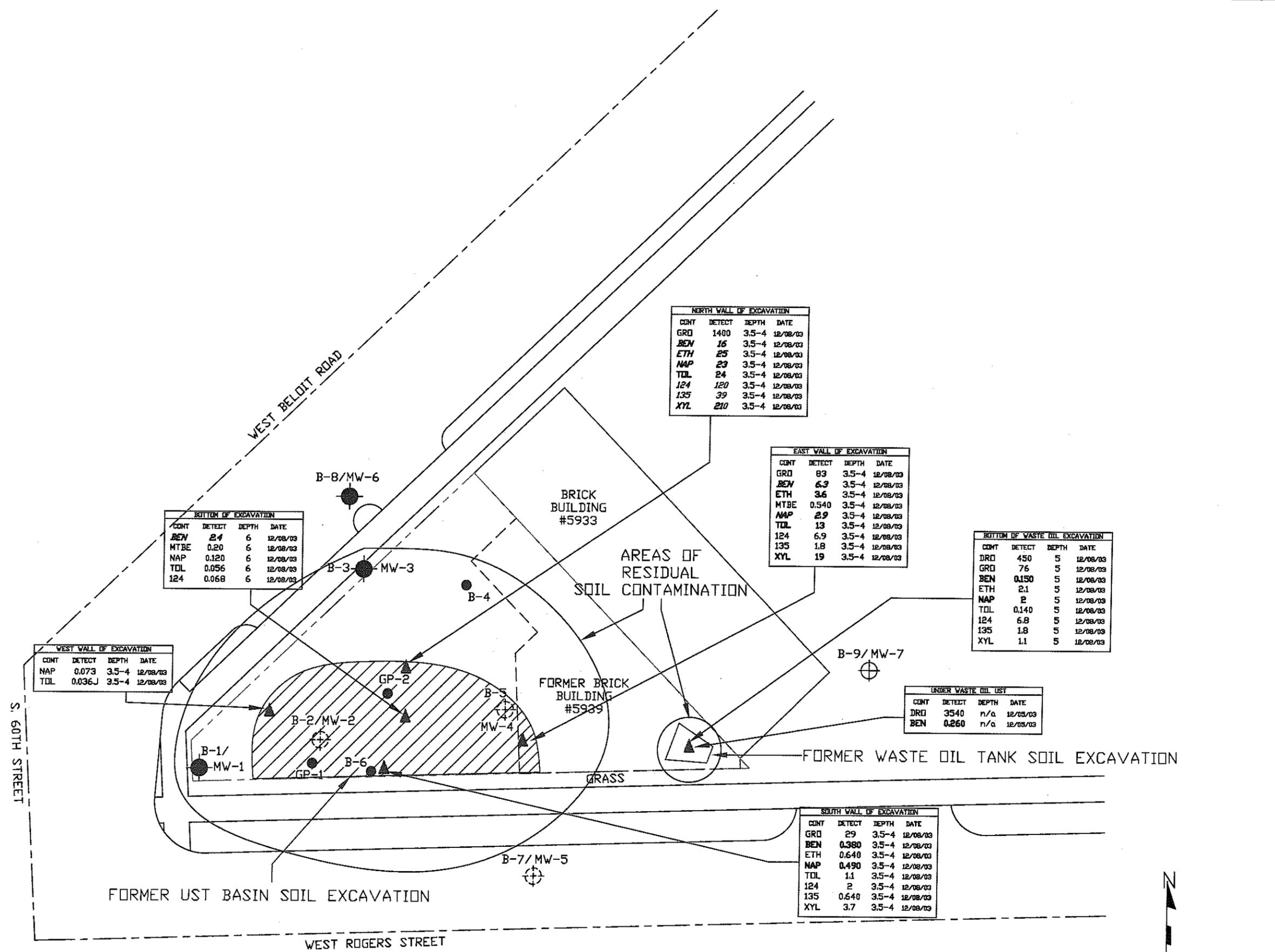


FIGURE 2
SOIL BORING &
MONITORING WELL LOCATIONS

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC			
DATE:	12/21/10	DRAWN BY:	TJM
LOCATION:	FORMER FRAN'S AUTOMOTIVE 5939 WEST BELDIT ROAD WEST ALLIS, WISCONSIN		

- ⊕ MONITORING WELL
- SOIL BORING
- ⊕ ABANDONED MONITORING WELL
- ▲ EXCAVATION SOIL SAMPLES
- ⊕ IMPROPERLY ABANDONED MONITORING WELL



NORTH WALL OF EXCAVATION

CONT	DETECT	DEPTH	DATE
GRD	1400	3.5-4	12/08/03
BEN	16	3.5-4	12/08/03
ETH	25	3.5-4	12/08/03
NAP	23	3.5-4	12/08/03
TOL	24	3.5-4	12/08/03
124	120	3.5-4	12/08/03
135	39	3.5-4	12/08/03
XYL	210	3.5-4	12/08/03

EAST WALL OF EXCAVATION

CONT	DETECT	DEPTH	DATE
GRD	89	3.5-4	12/08/03
BEN	6.3	3.5-4	12/08/03
ETH	3.6	3.5-4	12/08/03
MTBE	0.540	3.5-4	12/08/03
NAP	2.9	3.5-4	12/08/03
TOL	13	3.5-4	12/08/03
124	6.9	3.5-4	12/08/03
135	1.8	3.5-4	12/08/03
XYL	19	3.5-4	12/08/03

BOTTOM OF WASTE OIL EXCAVATION

CONT	DETECT	DEPTH	DATE
DRD	450	5	12/08/03
GRD	76	5	12/08/03
BEN	0.150	5	12/08/03
ETH	2.1	5	12/08/03
NAP	2	5	12/08/03
TOL	0.140	5	12/08/03
124	6.8	5	12/08/03
135	1.8	5	12/08/03
XYL	1.1	5	12/08/03

UNDER WASTE OIL UST

CONT	DETECT	DEPTH	DATE
DRD	3540	n/a	12/05/03
BEN	0.260	n/a	12/05/03

BOTTOM OF EXCAVATION

CONT	DETECT	DEPTH	DATE
BEN	24	6	12/08/03
MTBE	0.20	6	12/08/03
NAP	0.120	6	12/08/03
TOL	0.056	6	12/08/03
124	0.068	6	12/08/03

WEST WALL OF EXCAVATION

CONT	DETECT	DEPTH	DATE
NAP	0.073	3.5-4	12/08/03
TOL	0.036	3.5-4	12/08/03

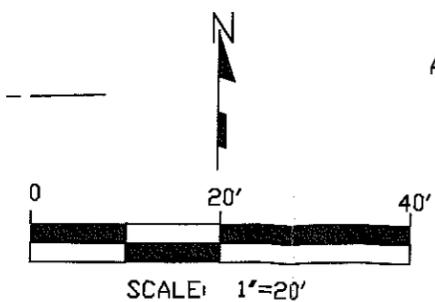
SOUTH WALL OF EXCAVATION

CONT	DETECT	DEPTH	DATE
GRD	29	3.5-4	12/08/03
BEN	0.380	3.5-4	12/08/03
ETH	0.640	3.5-4	12/08/03
NAP	0.490	3.5-4	12/08/03
TOL	1.1	3.5-4	12/08/03
124	2	3.5-4	12/08/03
135	0.640	3.5-4	12/08/03
XYL	3.7	3.5-4	12/08/03

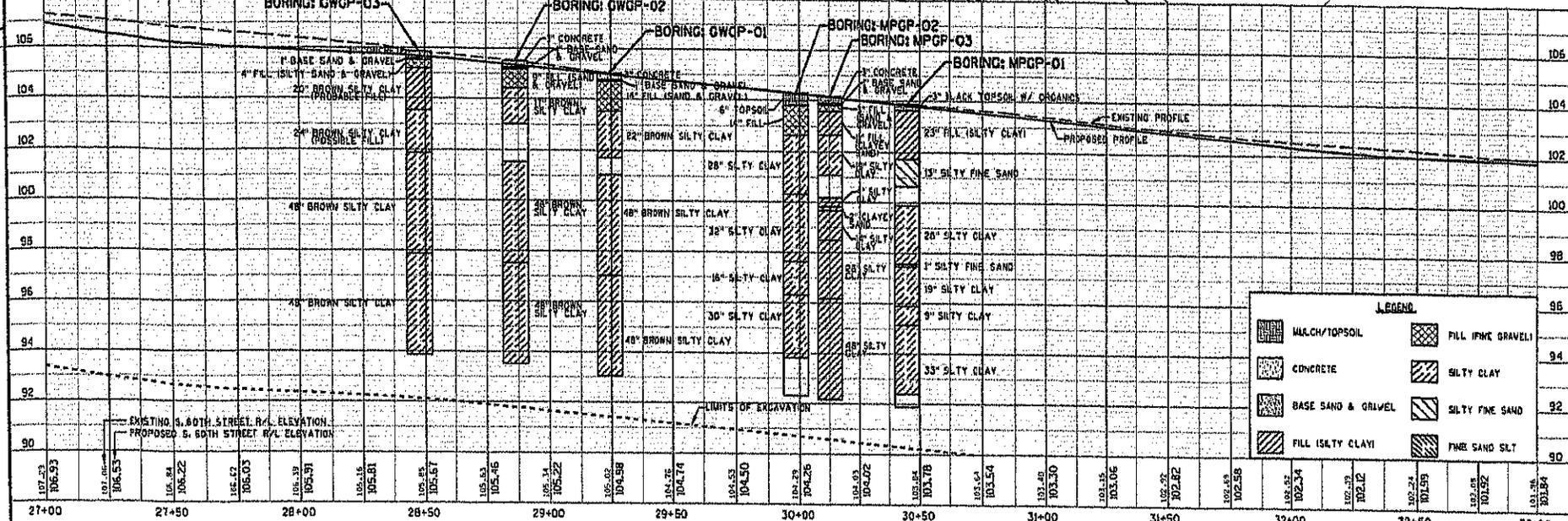
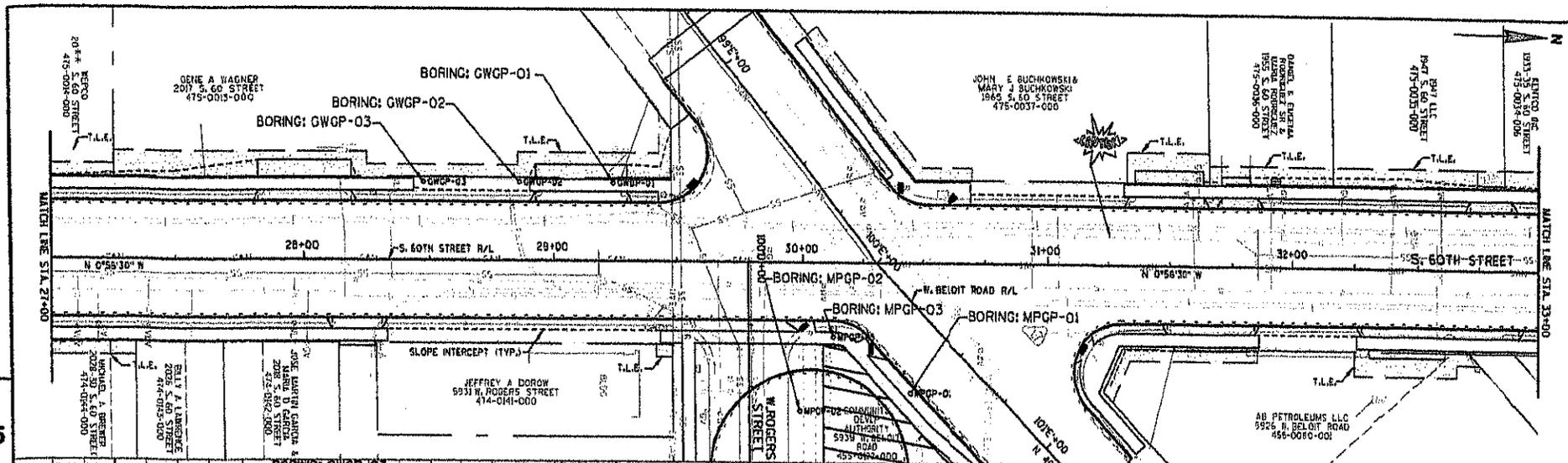
CONTAMINANT	NR720	NR746	NR746
	RCL	TABLE 1	TABLE 2
DRD			
GRD			
BEN	0.0055	8.5	1.10
ETH		2.9	4.6
MTBE			
NAP	0.4	2.7	
TOL	1.5	38	
124			83
135			11
XYL	4.1	42	
12DCA		0.6	0.54

ALL CONTAMINANTS SHOWN IN mg/kg MILLIGRAMS PER KILOGRAM
RCL RESIDUAL CONTAMINANT LEVEL
BOLD EXCEEDS NR720 RCL
ITALICS EXCEEDS NR746 STANDARD
ALL DETECTS SHOWN

FIGURE 6
LOCATION OF FORMER UST BASINS AND SOIL EXCAVATIONS AND SOIL CONTAMINANT DISTRIBUTION OF SOIL EXCAVATION SAMPLES



THE ENVIRONMENTAL MANAGEMENT COMPANY LLC			
DATE:	12/21/10	DRAWN BY:	TJM
LOCATION:	FORMER FRAN'S AUTOMOTIVE 5939 WEST BELDIT ROAD WEST ALLIS, WISCONSIN		



LEGEND

PROJECT NO: 2415-06-70 HWY: S. 60TH STREET COUNTY: MILWAUKEE PLAN AND PROFILE SHEET **E**

-  MONITORING WELL
-  SOIL BORING
-  ABANDONED MONITORING WELL
-  IMPROPERLY ABANDONED MONITORING WELL



681.80
GROUNDWATER ELEVATION

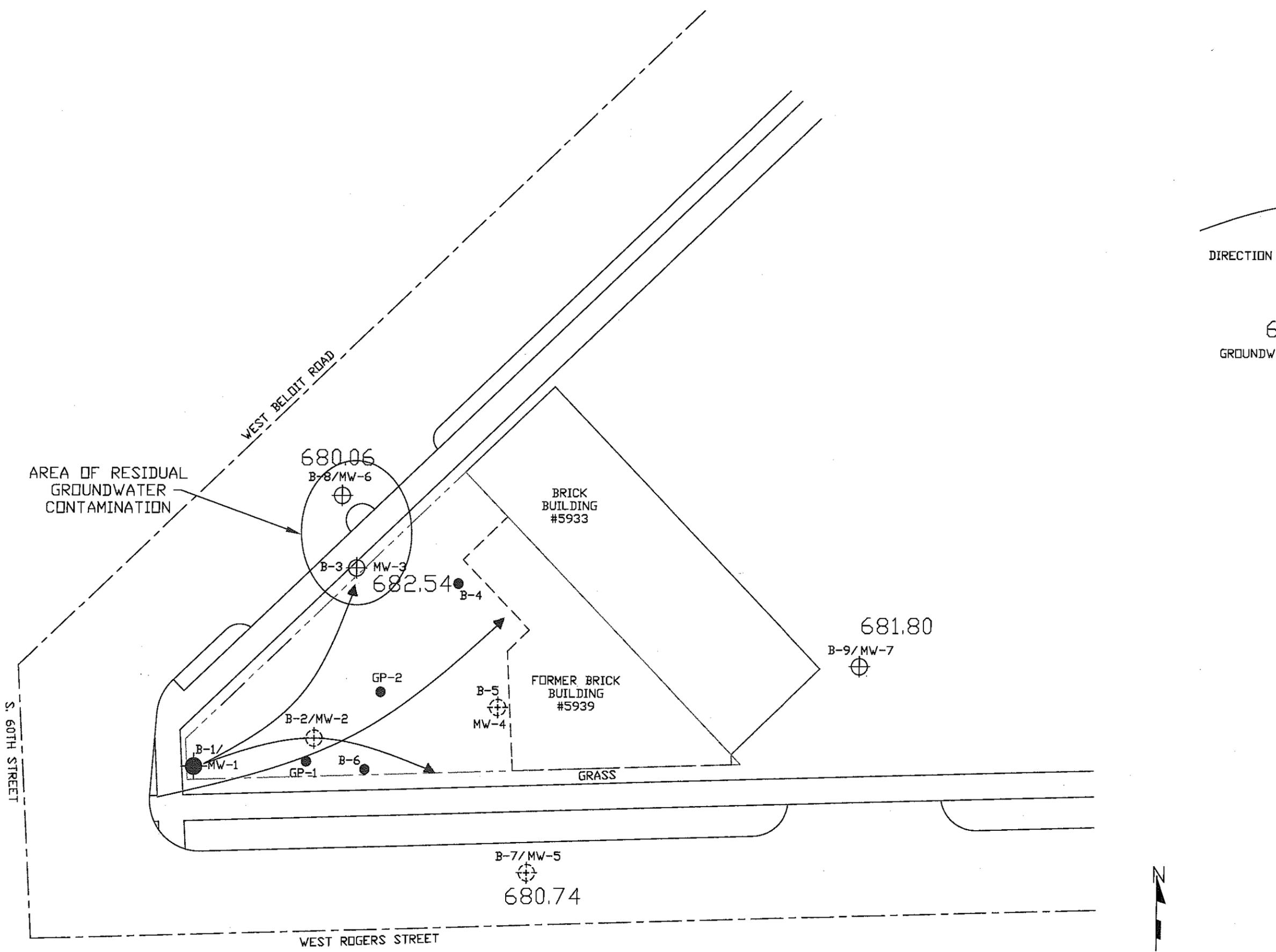
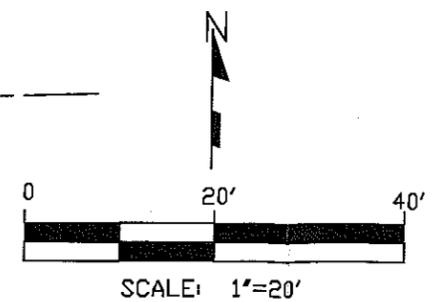


FIGURE 5.4
GROUNDWATER CONTOURS:
MARCH 17, 2009

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC			
DATE:	12/21/10	DRAWN BY:	TJM
LOCATION:	FORMER FRAN'S AUTOMOTIVE 5939 WEST BELDIT ROAD WEST ALLIS, WISCONSIN		



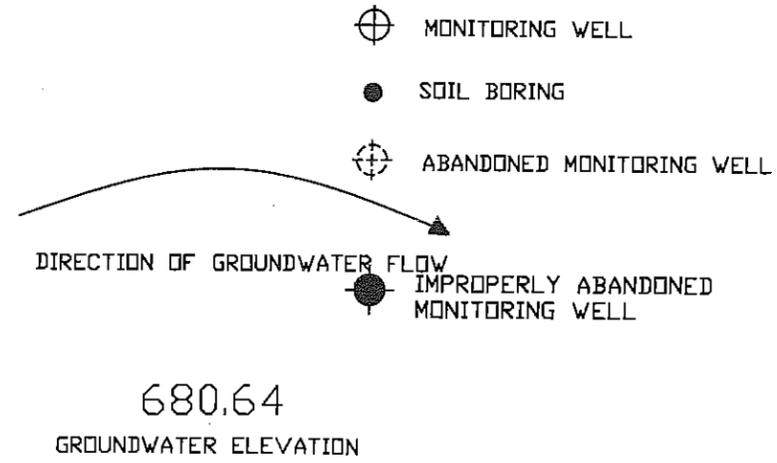
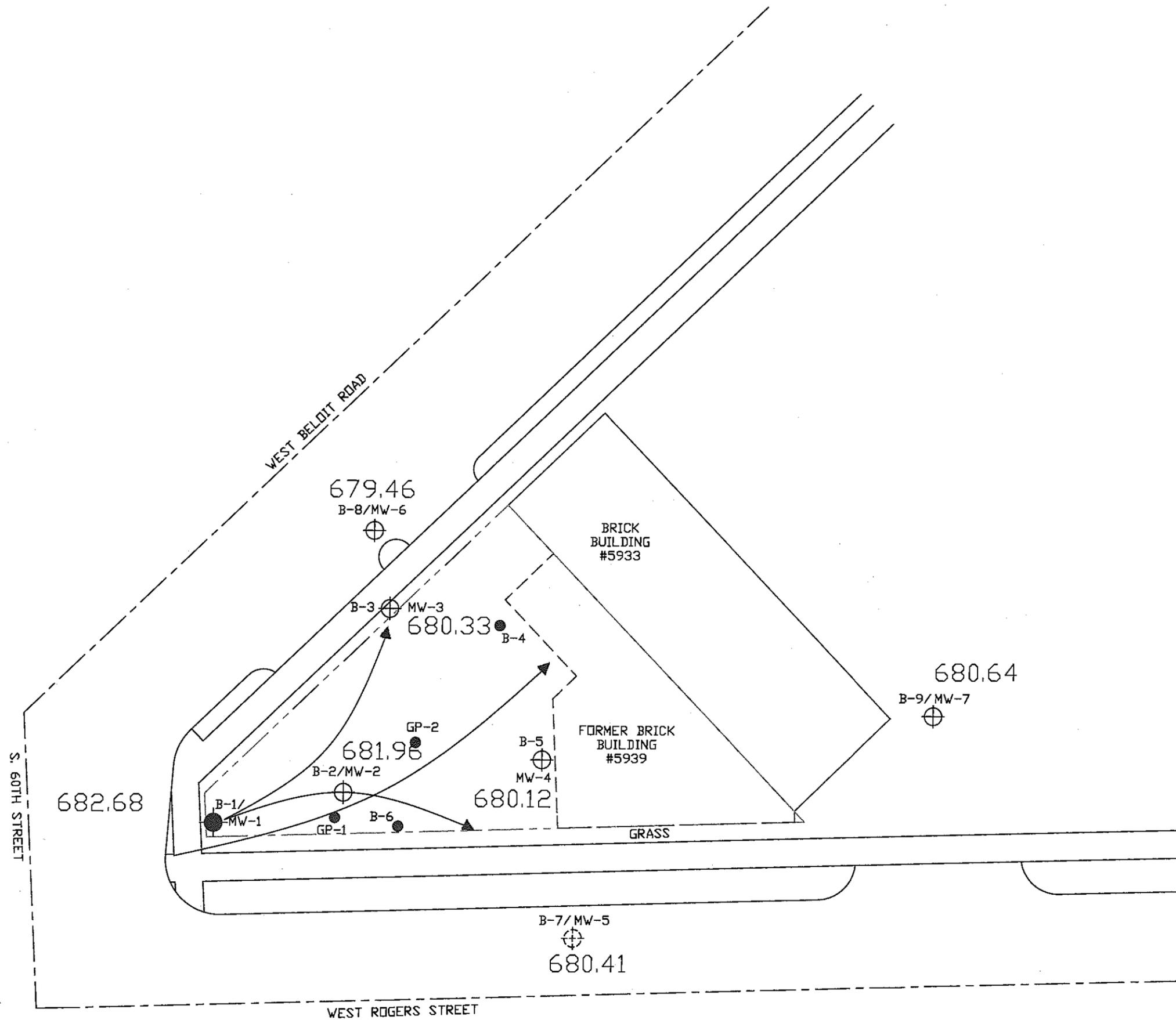
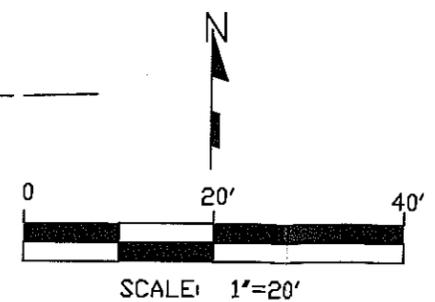
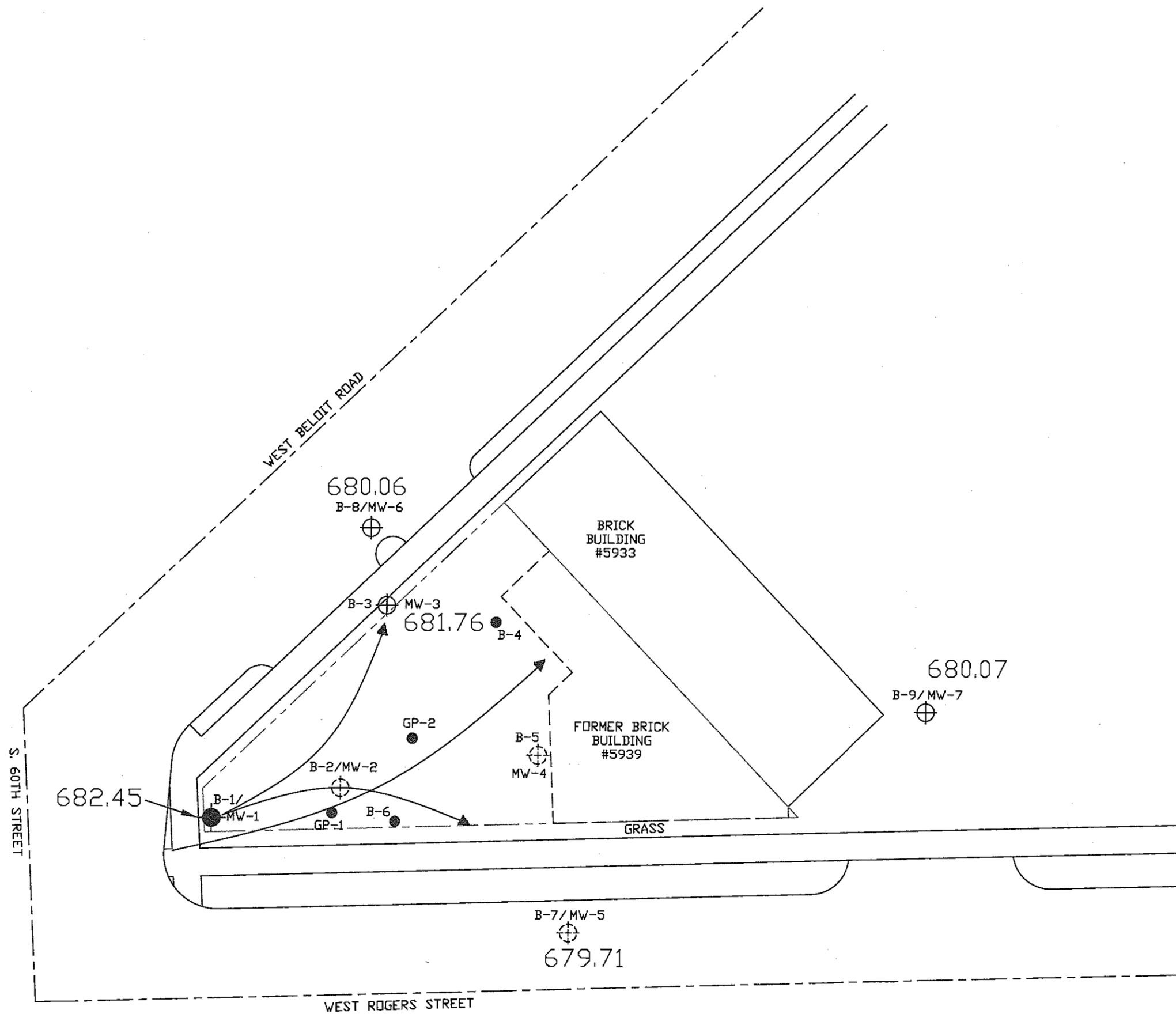


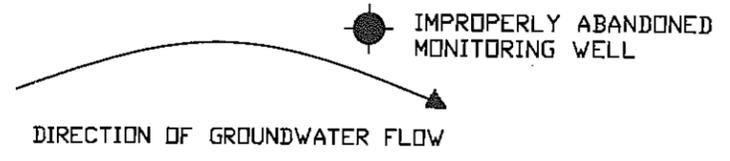
FIGURE 5.2
GROUNDWATER CONTOURS:
OCTOBER 30, 2001

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC			
DATE:	12/21/10	DRAWN BY:	TJM
LOCATION:	FORMER FRAN'S AUTOMOTIVE 5939 WEST BELOIT ROAD WEST ALLIS, WISCONSIN		





-  MONITORING WELL
-  SOIL BORING
-  ABANDONED MONITORING WELL
-  IMPROPERLY ABANDONED MONITORING WELL



680.07
GROUNDWATER ELEVATION

FIGURE 5.3
GROUNDWATER CONTOURS:
SEPTEMBER 27, 2004

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC			
DATE:	12/21/10	DRAWN BY:	TJM
LOCATION:	FORMER FRAN'S AUTOMOTIVE 5939 WEST BELDIT ROAD WEST ALLIS, WISCONSIN		

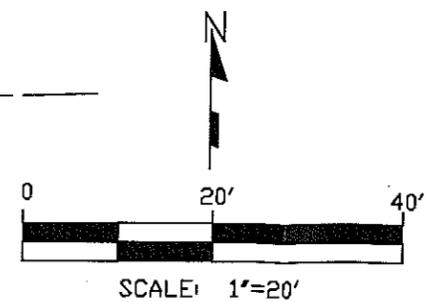


Table 4
Residual Soil Contamination Remaining On-Site - DRO, GRO & PVOC
City of West Allis - 5939 West Beloit (Former Fran's Auto)

Location	Date	Depth (feet)	DRO	GRO	Benzene	sec-Butyl Benzene	n-Butyl Benzene	1,2 DCA	Ethyl benzene	Isopropyl Benzene	P-Isopropyl Toluene	MTBE	Naphthalene	n-Propyl benzene	Toluene	1,2,4 TMB	1,3,5 TMB	Xylenes
WO UST Basin	12/08/03	n/a	450	76	0.150	<0.025	<0.025	<0.025	2.1	<0.025	<0.025	<0.025	2	<0.025	0.140	6.8	1.8	1.1
N. Wall Excav	12/08/03	n/a	NA	1,400	16	<0.025	<0.025	<0.025	25	<0.025	<0.025	<0.5	23	<0.025	24	120	39	210
S. Wall Excav	12/08/03	n/a	NA	29	0.380	<0.025	<0.025	<0.025	0.640	<0.025	<0.025	<0.025	0.490	<0.025	1.1	2	0.640	3.7
E. Wall Excav	12/08/03	n/a	NA	83	6.3	<0.025	<0.025	<0.025	3.6	<0.025	<0.025	0.540	2.9	<0.025	13	6.9	1.8	19
W. Wall Excav	12/08/03	n/a	NA	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.073	<0.025	0.036 ^J	<0.025	<0.025	<0.025
Bottom of Excav	12/08/03	n/a	NA	<10	2.4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.20	0.120	<0.025	0.056	0.068	<0.025	<0.025
B-2	07/02/01	6-8	<10	27	1.0	0.048	<0.025	<0.025	2	0.11	<0.025	0.041	0.42	0.22	<0.025	2.5	0.3	4.281
B-3	07/02/01	1-3	<10	43	0.47	<0.025	0.43	<0.25	1	<0.025	<0.25	<0.25	<0.25	0.68	<0.25	7.8	2.9	4.67
	07/02/01	6-8	<10	63	0.16	0.014	0.43	<0.025	0.11	0.084	0.055	<0.025	0.13	0.4	0.026	1.4	0.18	0.17
B-4	07/02/01	6-8	<10	<10	<0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.039	0.055	<0.075
B-5	07/02/01	6-8	<10	11	136 / ₆	<0.025	<0.025	0.04	1	0.065	<0.025	0.084	0.054	0.18	0.13	1.1	0.19	2.13
B-6	07/02/01	6-8	69	1,300	13	2	9.1	<0.5	30	3	1	<0.5	11	13	30	83	27	174
Residual Contaminant Level					0.0055				2.9				0.4		1.5			4.1

Bold & Outlined = Exceeds Residual Contaminant Level

All Contaminants Shown In mg/kg (milligrams per kilogram)

December 21, 2010

Table 1
Groundwater Sample Analytical Results ~ Volatile Organic Compounds (VOC)
City of West Allis - 5939 West Beloit (Former Fran's Auto)
 All Contaminants Shown in µg/l (micrograms per liter)

Sample ID	Sample Date	Ben zene	Ethyl benzene	tert-butyl benzene	n-butyl benzene	sec-butyl benzene	Chloro methane	Chloro ethane	Di-Iso propyl ether	p-Iso propyl toluene	1,1 DCA	1,2 DCA	1,1 DCE	cis 1,2 DCE	Iso propyl benzene	trans 1,2 DCE	MTBE	n-propyl benzene	Tol uene	1,1,1 TCA	1,1,2 TCA	TCE	TMB	VC	Naphthalene	P C E	Xyl enes
MW-1	07/16/01	1.7	<0.12	<0.16	<0.29	<0.22	<0.24	<0.24	<0.26	<0.2	<0.34	<0.39	<0.36	<1	<0.15	<0.23	1.1 ^J	<0.18	1	<0.29	<0.56	<0.36	0.6 ^J	<0.23	<0.68	<0.25	0.44 ^J
	10/03/01	<0.21	<0.22									<0.23					1.4 ^J		<0.41				<0.34		<0.69		<0.43
	09/27/04	<0.29	<0.56									<0.29					0.81		<0.57				<0.66		<0.6		<0.64
MW-2	07/16/01	1300	220	<8	<15	<11	<12	<12	<13	<10	<17	50^J	<18	<50	<7.5	<12	300	23 ^J	550	<15	<28	<18	850	<12	150	<13	3200
	10/03/01	1400	270									<12					170		64 ^J				300		95		830
MW-3	07/16/01	200	3.4 ^J	<1.6	<2.9	<2.2	<2.4	<2.4	13	<2	<3.4	15	<3.6	<10	<1.5	<2.3	130	<1.8	7.6	<2.9	<5.6	<3.6	26	<2.3	<6.8	<2.5	43
	10/03/01	180	<2.2									3.9^J					120		<4.1				<6.0		8.9		<6.9
	09/27/04	0.36 ^J	<0.56									0.99					93		<0.57				<0.66				<0.64
	03/17/09	250	2.18	<0.32	<0.55	<0.73	<0.5	<0.97	15.7	<0.77	<0.59	<0.41	<0.5	<0.44	1.46 ^J	<0.61	155	1.12 ^J	0.62 ^J	<0.28	<0.39	<0.47	1.47 ^J	<0.2	<1.8	<0.5	3.4
MW-4	07/16/01	5600	1100	<16	32 ^J	<22	<24	<24	<26	<20	<34	170	<36	<100	48 ^J	<23	830	160	7600	<29	<56	<36	2130	<23	240	<25	7400
	10/03/01	4800	560									<46					600		240^J				680		150		2390
MW-5	10/03/01	<0.25	<0.12	<0.16	<0.29	<0.22	<0.24	<0.24	<0.26	<0.2	<0.34	<0.39	<0.36	<1	<0.15	<0.23	7.8	<0.18	<0.22	<0.29	<0.56	<0.36	<0.60	<0.23	<0.68	<0.25	<0.74
	09/27/04	<0.29	<0.56									<0.29					9.5		<0.57				<0.66		<0.6		<0.64
	03/17/09	0.38 ^J	<0.35	<0.32	<0.55	<0.73	<0.5	<0.97	0.42 ^J	<0.77	<0.59	<0.41	<0.5	<0.44	<0.6	<0.61	6.1	<0.54	<0.39	<0.28	<0.39	<0.47	<0.51	<0.2	<1.8	<0.5	<1
MW-6	10/03/01	<0.25	<0.12	<0.16	<0.29	<0.22	<0.24	<0.24	1	<0.2	<0.34	0.53^J	<0.36	<1	<0.15	<0.23	16	<0.18	<0.22	<0.29	<0.56	<0.36	<0.60	<0.23	<0.68	<0.25	<0.74
	09/27/04	<0.29	<0.56									1.1					25		<0.57				<0.66		<0.6		<0.64
	03/17/09	<0.24	<0.35	<0.32	<0.55	<0.73	<0.5	<0.97	2.97	<0.77	<0.59	0.73^J	<0.5	<0.44	<0.6	<0.61	24.3	<0.54	<0.39	<0.28	<0.39	<0.47	<0.51	<0.2	<1.8	<0.5	<1
PAL		0.5	140	---	---	---	---	80	---	---	85	0.5	0.7	7	---	20	12	---	200	40	0.5	0.5	96	0.02	8	0.5	1000
ES		5	700	---	---	---	---	400	---	---	850	5	7	70	---	100	60	---	1000	200	5	5	480	0.2	40	5	10000

PAL = preventive action limit ES = enforcement standard Italics & Outlined = exceeds ES Bold & Outlined = exceeds PAL J= Analysis detected between LOD and LOQ
 Empty cell = not analyzed

April 8, 2009

Table 1
Groundwater Sample Analytical Results ~ Volatile Organic Compounds (VOC)
City of West Allis - 5939 West Beloit (Former Fran's Auto)
All Contaminants Shown in µg/l (micrograms per liter)

Sample ID	Sample Date	Ben zene	Ethyl benz ene	tert-butyl benzene	n-butyl benzene	sec-butyl benzene	Chloro methane	Chloro ethane	Di-Iso propyl ether	p-Iso propyl toluene	1,1 DCA	1,2 DCA	1,1 DCE	cis 1,2 DCE	Iso propyl benzene	trans 1,2 DCE	MTBE	n-propyl benzene	Tol uene	1,1,1 TCA	1,1,2 TCA	TCE	TMB	VC	Naph thal ene	P C E	Xyl enes
MW-7	10/03/01	<0.25	<0.12	<0.16	<0.29	<0.22	<0.24	<0.24	<0.26	<0.2	<0.34	<0.39	<0.36	<1	<0.15	<0.23	<0.53	<0.18	<0.22	<0.29	<0.56	<0.36	<0.60	<0.23	<0.68	<0.25	<0.75
	09/27/04	<0.29	<0.56									<0.29					<0.2		<0.57				<0.66		<0.6		<0.64
	03/17/09	<0.24	<0.35	<0.32	<0.55	<0.73	<0.5	<0.97	<0.37	<0.77	<0.59	<0.41	<0.5	<0.44	<0.6	<0.61	<0.7	<0.54	<0.39	<0.28	<0.39	<0.47	<0.51	<0.2	<1.8	<0.5	<1
PAL		0.5	140	---	---	---	---	80	---	---	85	0.5	0.7	7	---	20	12	---	200	40	0.5	0.5	96	0.02	8	0.5	1000
ES		5	700	---	---	---	---	400	---	---	850	5	7	70	---	100	60	---	1000	200	5	5	480	0.2	40	5	10000

PAL = preventive action limit ES = enforcement standard Italics & Outlined = exceeds ES Bold & Outlined = exceeds PAL J= Analysis detected between LOD and LOQ
Empty cell = not analyzed

April 8, 2009

Table 2
Groundwater Sample Analytical Results ~ Lead
City of West Allis - 5939 West Beloit (Former Fran's Auto)
All Contaminants Shown in µg/l (micrograms per liter)

Sample ID	Sample Date	Lead
MW-1	07/16/01	<2
MW-2	07/16/01	1.9^J
MW-3	07/16/01	<1
MW-4	07/16/01	1.2 ^J
MW-5	10/03/01	<1
MW-6	10/03/01	<1
MW-7	10/03/01	<1
Preventive Action Limit (PAL)		1.5
Enforcement Standard (ES)		15

Italics & Outlined = exceeds ES Bold & Outlined = exceeds PAL

J= Analysis detected between LOD and LOQ

April 3, 2009

Table 3
Groundwater Elevation and Well Elevation Measurements
TEMCO Monitoring Wells
5939 West Beloit (Former Fran's Auto) ~ West Allis, Wisconsin
(Recorded in Feet)

Well ID	Date	Top of Casing Elevation	Depth to Water from Top of Casing	Groundwater Elevation
MW-1	07/16/01	684.02	2.56	681.46
	10/03/01		1.41	682.61
	10/30/01		1.34	682.68
	09/27/04		1.57	682.45
MW-2	07/16/01	683.89	2.85	681.04
	10/03/01		1.62	682.27
	10/30/01		1.93	681.96
MW-3	07/16/01	684.07	4.41	679.66
	10/03/01		3.09	680.98
	10/30/01		3.74	680.33
	09/27/04		2.31	681.76
	03/17/09		1.53	682.54
MW-4	07/16/01	683.89	4.34	679.55
	10/03/01		2.26	681.63
	10/30/01		3.77	680.12
MW-5	10/03/01	683.09	2.93	680.16
	10/30/01		2.68	680.41
	09/27/04		3.38	679.71
	03/17/09		2.35	680.74

April 13, 2009

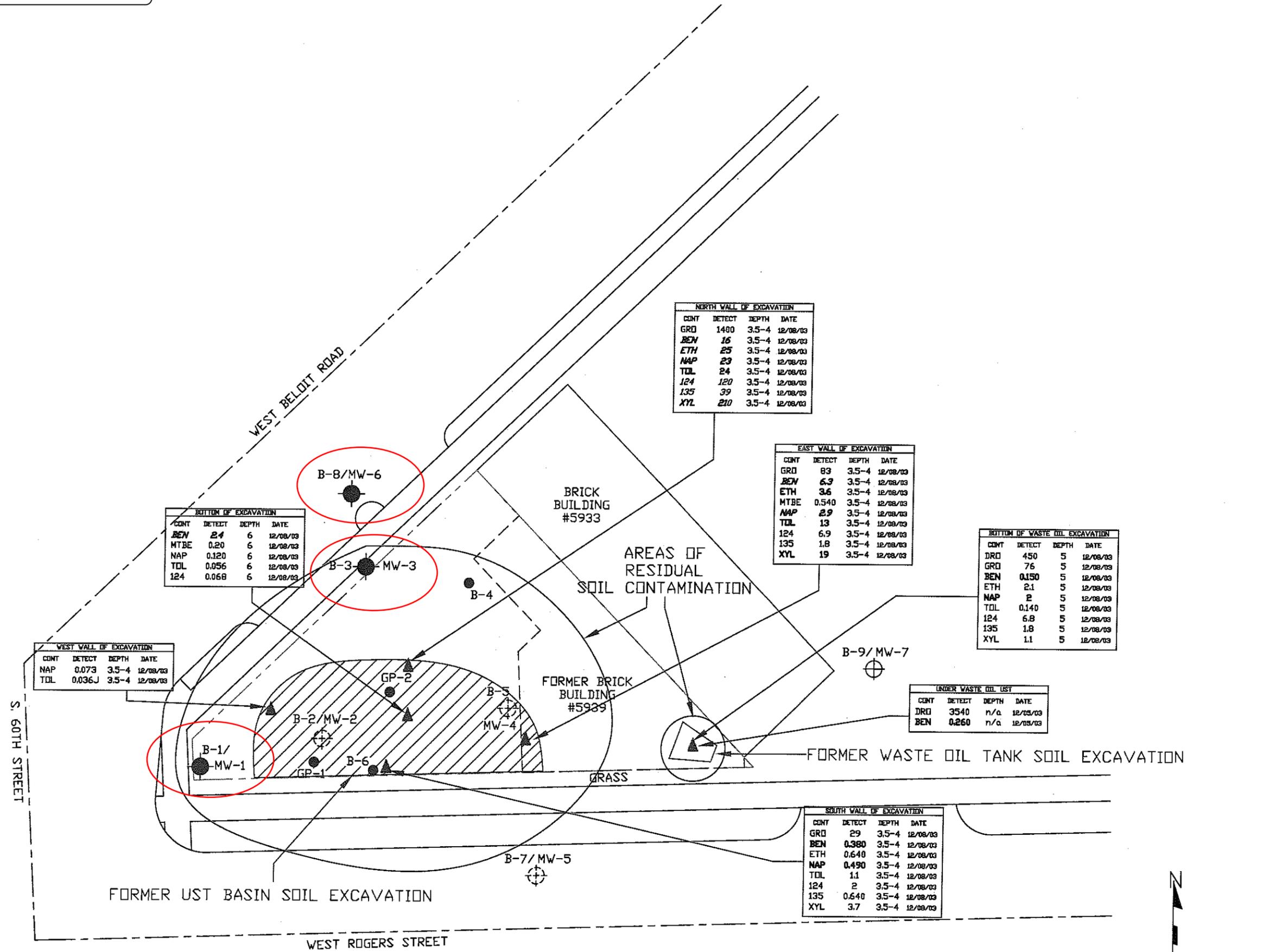
Table 3
Groundwater Elevation and Well Elevation Measurements
TEMCO Monitoring Wells
5939 West Beloit (Former Fran's Auto) ~ West Allis, Wisconsin
(Recorded in Feet)

Well ID	Date	Top of Casing Elevation	Depth to Water from Top of Casing	Groundwater Elevation
MW-6	10/03/01	683.46	4.25	679.21
	10/30/01		4.00	679.46
	09/27/04		2.99	680.47
	03/17/09		3.40	680.06
MW-7	10/03/01	683.27	2.15	681.12
	10/30/01		2.63	680.64
	09/27/04		3.20	680.07
	03/17/09		1.47	681.80

April 13, 2009

IMPROPERLY ABANDONED MONITORING WELL

-  MONITORING WELL
-  SOIL BORING
-  ABANDONED MONITORING WELL
-  EXCAVATION SOIL SAMPLES
-  IMPROPERLY ABANDONED MONITORING WELL



NORTH WALL OF EXCAVATION

CONT	DETECT	DEPTH	DATE
GRD	1400	3.5-4	12/08/03
BEN	16	3.5-4	12/08/03
ETH	25	3.5-4	12/08/03
NAP	23	3.5-4	12/08/03
TOL	24	3.5-4	12/08/03
124	120	3.5-4	12/08/03
135	39	3.5-4	12/08/03
XYL	210	3.5-4	12/08/03

EAST WALL OF EXCAVATION

CONT	DETECT	DEPTH	DATE
GRD	89	3.5-4	12/08/03
BEN	6.3	3.5-4	12/08/03
ETH	3.6	3.5-4	12/08/03
MTBE	0.540	3.5-4	12/08/03
NAP	2.9	3.5-4	12/08/03
TOL	13	3.5-4	12/08/03
124	6.9	3.5-4	12/08/03
135	1.8	3.5-4	12/08/03
XYL	19	3.5-4	12/08/03

BOTTOM OF WASTE OIL EXCAVATION

CONT	DETECT	DEPTH	DATE
DRD	450	5	12/08/03
GRD	76	5	12/08/03
BEN	0.150	5	12/08/03
ETH	2.1	5	12/08/03
NAP	2	5	12/08/03
TOL	0.140	5	12/08/03
124	6.8	5	12/08/03
135	1.8	5	12/08/03
XYL	1.1	5	12/08/03

UNDER WASTE OIL UST

CONT	DETECT	DEPTH	DATE
DRD	3540	n/a	12/05/03
BEN	0.260	n/a	12/05/03

SOUTH WALL OF EXCAVATION

CONT	DETECT	DEPTH	DATE
GRD	29	3.5-4	12/08/03
BEN	0.380	3.5-4	12/08/03
ETH	0.640	3.5-4	12/08/03
NAP	0.490	3.5-4	12/08/03
TOL	1.1	3.5-4	12/08/03
124	2	3.5-4	12/08/03
135	0.640	3.5-4	12/08/03
XYL	3.7	3.5-4	12/08/03

BOTTOM OF EXCAVATION

CONT	DETECT	DEPTH	DATE
BEN	24	6	12/08/03
MTBE	0.120	6	12/08/03
NAP	0.120	6	12/08/03
TOL	0.056	6	12/08/03
124	0.068	6	12/08/03

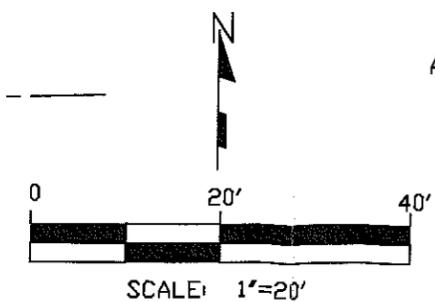
WEST WALL OF EXCAVATION

CONT	DETECT	DEPTH	DATE
NAP	0.073	3.5-4	12/08/03
TOL	0.036	3.5-4	12/08/03

CONTAMINANT	NR720	NR746	NR746
	RCL	TABLE 1	TABLE 2
DRD			
GRD			
BEN	0.0055	8.5	1.10
ETH		2.9	4.6
MTBE			
NAP	0.4	2.7	
TOL	1.5	38	
124		83	
135		11	
XYL	4.1	42	
12DCA		0.6	0.54

ALL CONTAMINANTS SHOWN IN mg/kg MILLIGRAMS PER KILOGRAM
RCL RESIDUAL CONTAMINANT LEVEL
BOLD EXCEEDS NR720 RCL
ITALICS EXCEEDS NR746 STANDARD
ALL DETECTS SHOWN

FIGURE 6
LOCATION OF FORMER UST BASINS AND SOIL EXCAVATIONS AND SOIL CONTAMINANT DISTRIBUTION OF SOIL EXCAVATION SAMPLES



THE ENVIRONMENTAL MANAGEMENT COMPANY LLC			
DATE:	12/21/10	DRAWN BY:	TJM
LOCATION:	FORMER FRAN'S AUTOMOTIVE 5939 WEST BELDIT ROAD WEST ALLIS, WISCONSIN		

IMPROPERLY ABANDONED MONITORING WELL

Route To: Watershed/Wastewater Remediation/Redevelopment Waste Management Other **MONITORING WELL CONSTRUCTION**
Form 4400-113A Rev. 7-98

Facility/Project Name Former Fran's Service Station	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name MW-1
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input checked="" type="checkbox"/> Lat. _____ Long. _____ or	Wis. Unique Well No. PO 222 DNR Well Number _____
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed 07/02/2001
Type of Well Well Code 11/mw	Section Location of Waste/Source NW 1/4 of SW 1/4 of Sec. 2 T. 6 N. R. 21 <input type="checkbox"/> E <input checked="" type="checkbox"/> W	Well Installed By: (Person's Name and Firm) Chuck
Distance from Waste/Source ft. <input type="checkbox"/> Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number _____
Wisconsin Soil Testing		

<p>A. Protective pipe, top elevation _____ ft. MSL</p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or _____ ft.</p>	<p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 5 0 Hollow Stem Auger <input checked="" type="checkbox"/> 4 1 Other <input type="checkbox"/> _____</p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1 Drilling Mud <input type="checkbox"/> 0 3 None <input checked="" type="checkbox"/> 9 9</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p>	<p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: _____ 10.0 in. b. Length: _____ 1.0 ft. c. Material: Steel <input checked="" type="checkbox"/> 0 4 Other <input type="checkbox"/> _____</p> <p>d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 3 0 Concrete <input checked="" type="checkbox"/> 0 1 Other <input type="checkbox"/> _____</p> <p>4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 3 0 Sand _____ Other <input checked="" type="checkbox"/> _____</p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 3 3 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 3 5 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 3 1 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 5 0 e. _____ Ft³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 0 1 Tremie pumped <input type="checkbox"/> 0 2 Gravity <input checked="" type="checkbox"/> 0 8</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 3 3 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 3 2 c. _____ CETCO Bentonite Crumbles Other <input checked="" type="checkbox"/> _____</p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. _____ 25 lbs. Red Flint 35-45 b. Volume added _____ ft³</p> <p>8. Filter pack material: Manufacturer, product name & mesh size a. _____ 6 bags Red Flint 80-120 b. Volume added _____ ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 2 3 Flush threaded PVC schedule 80 <input type="checkbox"/> 2 4 Other <input type="checkbox"/> _____</p> <p>10. Screen material: _____ PVC a. Screen Type: Factory cut <input checked="" type="checkbox"/> 1 1 Continuous slot <input type="checkbox"/> 0 1 Other <input type="checkbox"/> _____ b. Manufacturer Environmental Well Products c. Slot size: _____ 0.010 in. d. Slotted length: _____ 10.0 ft.</p> <p>11. Backfill material (below filter pack): None <input type="checkbox"/> 1 4 Soil _____ Other <input checked="" type="checkbox"/> _____</p>
<p>E. Bentonite seal, top _____ ft. MSL or 1.0 ft.</p> <p>F. Fine sand, top _____ ft. MSL or 3.0 ft.</p> <p>G. Filter pack, top _____ ft. MSL or 4.0 ft.</p> <p>H. Screen joint, top _____ ft. MSL or 5.0 ft.</p> <p>I. Well bottom _____ ft. MSL or 15.0 ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or 15.0 ft.</p> <p>K. Borehole, bottom _____ ft. MSL or 15.5 ft.</p> <p>L. Borehole, diameter 8.3 in.</p> <p>M. O.D. well casing 2.38 in.</p> <p>N. I.D. well casing 2.05 in.</p>		

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

Signature: Todd Miller Firm: **KEY ENGINEERING GROUP, LTD.** Tel: (262) 375-4750
W66 N215 COMMERCE CT. CEDARBURG, WI 53012 Fax: (262) 375-9630

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

**IMPROPERLY ABANDONED
MONITORING WELL**

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

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

Facility/Project Name Former Fran's Service Station		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.		Well Name MW-3	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input checked="" type="checkbox"/>		Wis. Unique Well No. PO 223 DNR Well Number	
Facility ID		St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed 07/02/2001	
Type of Well Well Code 11/mw		Section Location of Waste/Source NW 1/4 of SW 1/4 of Sec. 2 T. 6 N. R. 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: (Person's Name and Firm) Chuck	
Distance from Waste Source ft. _____		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number	
Enf. Stds. Apply <input type="checkbox"/>				Wisconsin Soil Testing	

<p>A. Protective pipe, top elevation _____ ft. MSL</p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or _____ ft.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 5 0 Hollow Stem Auger <input checked="" type="checkbox"/> 4 1 Other <input type="checkbox"/> _____</p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1 Drilling Mud <input type="checkbox"/> 0 3 None <input checked="" type="checkbox"/> 9 9</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p> </div> <p>E. Bentonite seal, top _____ ft. MSL or <u>1.0</u> ft.</p> <p>F. Fine sand, top _____ ft. MSL or <u>3.0</u> ft.</p> <p>G. Filter pack, top _____ ft. MSL or <u>4.0</u> ft.</p> <p>H. Screen joint, top _____ ft. MSL or <u>5.0</u> ft.</p> <p>I. Well bottom _____ ft. MSL or <u>15.0</u> ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or <u>15.0</u> ft.</p> <p>K. Borehole, bottom _____ ft. MSL or <u>15.5</u> ft.</p> <p>L. Borehole, diameter <u>8.3</u> in.</p> <p>M. O.D. well casing <u>2.38</u> in.</p> <p>N. I.D. well casing <u>2.05</u> in.</p>		<p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: <u>10.0</u> in. b. Length: <u>1.0</u> ft. c. Material: Steel <input checked="" type="checkbox"/> 0 4 Other <input type="checkbox"/> _____ d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 3 0 Concrete <input checked="" type="checkbox"/> 0 1 Other <input type="checkbox"/> _____</p> <p>4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 3 0 Sand <input checked="" type="checkbox"/> _____ Other <input type="checkbox"/> _____</p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 3 3 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 3 5 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 3 1 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 5 0 e. _____ Ft³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 0 1 Tremie pumped <input type="checkbox"/> 0 2 Gravity <input checked="" type="checkbox"/> 0 8</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 3 3 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 3 2 c. CETCO Bentonite Crumbles <input checked="" type="checkbox"/> _____ Other <input type="checkbox"/> _____</p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. _____ 25 lbs. Red Flint 35-45 b. Volume added _____ ft³</p> <p>8. Filter pack material: Manufacturer, product name & mesh size a. _____ 6 bags Red Flint 80-120 b. Volume added _____ ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 2 3 Flush threaded PVC schedule 80 <input type="checkbox"/> 2 4 Other <input type="checkbox"/> _____</p> <p>10. Screen material: <u>PVC</u> a. Screen Type: Factory cut <input checked="" type="checkbox"/> 1 1 Continuous slot <input type="checkbox"/> 0 1 Other <input type="checkbox"/> _____ b. Manufacturer <u>Environmental Well Products</u> c. Slot size: <u>0.010</u> in. d. Slotted length: <u>10.0</u> ft.</p> <p>11. Backfill material (below filter pack): Soil <input checked="" type="checkbox"/> _____ None <input type="checkbox"/> 1 4 Other <input type="checkbox"/> _____</p>
--	--	--

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

Signature Todd M. Johnson Firm **KEY ENGINEERING GROUP, LTD.** Tel: (262) 375-4750
 W66 N215 COMMERCE CT. CEDARBURG, WI 53012 Fax: (262) 375-9680

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IMPROPERLY ABANDONED
MONITORING WELL

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

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

Facility/Project Name Former Fran's Service Station		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.		Well Name MW-6	
Facility License, Permit or Monitoring No.		Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location <input checked="" type="checkbox"/>		Wis. Unique Well No. PD 289 DNR Well Number	
Facility ID		Lat. " Long. " or		Date Well Installed 09/19/2001	
Type of Well Well Code 11/mw		Section Location of Waste/Source NW 1/4 of SW 1/4 of Sec. 2 T. 6 N. R. 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: (Person's Name and Firm) Chuck	
Distance from Waste/Source ft. <input type="checkbox"/> Enf. Stds. Apply <input type="checkbox"/>		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number	
				Wisconsin Soil Testing	

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in.
C. Land surface elevation _____ ft. MSL	b. Length: _____ ft.
D. Surface seal, bottom _____ ft. MSL or _____ ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/> ___
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/> ___
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/> ___	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/> ___
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/> ___
17. Source of water (attach analysis, if required): _____	7. Fine sand material: Manufacturer, product name & mesh size a. _____ Red Flint 35-45 25 lbs. b. Volume added _____ ft ³
E. Bentonite seal, top _____ ft. MSL or _____ 1.0 ft.	8. Filter pack material: Manufacturer, product name & mesh size a. _____ Red Flint 80-120 300 lbs. b. Volume added _____ ft ³
F. Fine sand, top _____ ft. MSL or _____ 3.0 ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/> ___
G. Filter pack, top _____ ft. MSL or _____ 4.0 ft.	10. Screen material: _____ PVC
H. Screen joint, top _____ ft. MSL or _____ 5.0 ft.	a. Screen Type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/> ___
I. Well bottom _____ ft. MSL or _____ 15.0 ft.	b. Manufacturer Environmental Well Products
J. Filter pack, bottom _____ ft. MSL or _____ 15.0 ft.	c. Slot size: _____ 0.010 in.
K. Borehole, bottom _____ ft. MSL or _____ 15.5 ft.	d. Slotted length: _____ 10.0 ft.
L. Borehole, diameter _____ 8.3 in.	11. Backfill material (below filter pack): None <input type="checkbox"/> 14 Soil <input checked="" type="checkbox"/> ___
M. O.D. well casing _____ 2.38 in.	
N. I.D. well casing _____ 2.00 in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature Todd M. [Signature] Firm **KEY ENGINEERING GROUP, LTD.** Tel: (262) 375-4750
W66 N215 COMMERCE CT. CEDARBURG, WI 53012 Fax: (262) 375-9680

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TEMCO

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC

December 21, 2010

Mr. Michael Lewis
Director, Department of Public Works
City of West Allis
6300 West McGeoch Avenue
West Allis, WI 53219

Re: Notification of Potential Residual Petroleum Soil and/or Groundwater Contamination at Property Formerly Addressed as 5939 West Beloit Road and in Adjacent Public Right-of Ways

Dear Mr. Lewis:

The Environmental Management Company LLC (TEMCO) is in the process of requesting closure of the petroleum soil and groundwater contamination case at the above referenced site from the Wisconsin Department of Commerce. One of the requirements for case closure is to determine whether contaminant migration has occurred, and the potential impact on municipal Right-of-Ways and utility corridors.

Several investigations of this former service station property identified soil and groundwater contamination in excess of State standards. In the late 1980's, four (4) UST's were closed/removed from the property. In 2003, the one (1) remaining UST and approximately 350 tons of petroleum contaminated soil, along with associated contaminated groundwater, were removed from the site. The on-site service station building was also demolished in 2003. The City of West Allis removed surficial soil and gravel from the site in 2004, then placed topsoil and grass seed.

In early 2010, the site and surrounding area was redeveloped as a cul-de-sac forming the west end of West Rogers Street, as part of the reconstruction of South 60th Street. During the process of relaying adjacent sewer utilities, 837 tons of petroleum contaminated soil were removed from the Right-of-Ways adjacent to the site along West Beloit Road and West Rogers Street.

Residual petroleum soil and groundwater contamination above State standards remains on the site, particularly in the area which is now the northern part of the cul-de-sac. Residual petroleum contamination above State standards potentially also remains in the Right-of-Ways adjacent to the former site. The concrete pavement which forms the cul-de-sac and surrounding area serves as a cap over the residual contamination to prevent direct contact and limit further contamination of groundwater by preventing infiltration of precipitation. The cap maintenance plan which is a required part of case closure is attached to this notification. The area which requires periodic inspection and maintenance of the cap is indicated on the figure included in the cap maintenance plan.

Mr. Michael Lewis
December 21, 2010
Page 2

Additionally, three (3) of the former groundwater monitoring wells used in the investigation of the site were improperly abandoned. These former monitoring wells are shown on the attached site figure prepared by TEMCO (Figure 6):

- MW-1 was apparently cut-off near the ground surface in 2004 during removal of surficial soil and gravel, prior to placement of topsoil and grass seed.
- MW-3 and MW-6 were apparently cut-off during the reconstruction of West Beloit Road.

Please contact the undersigned at 262-675-6206 with any questions concerning this notification or the attached cap maintenance plan.

Sincerely,

The Environmental Management Company LLC



Jeffrey L. Hosler
Principal
Senior Hydrogeologist

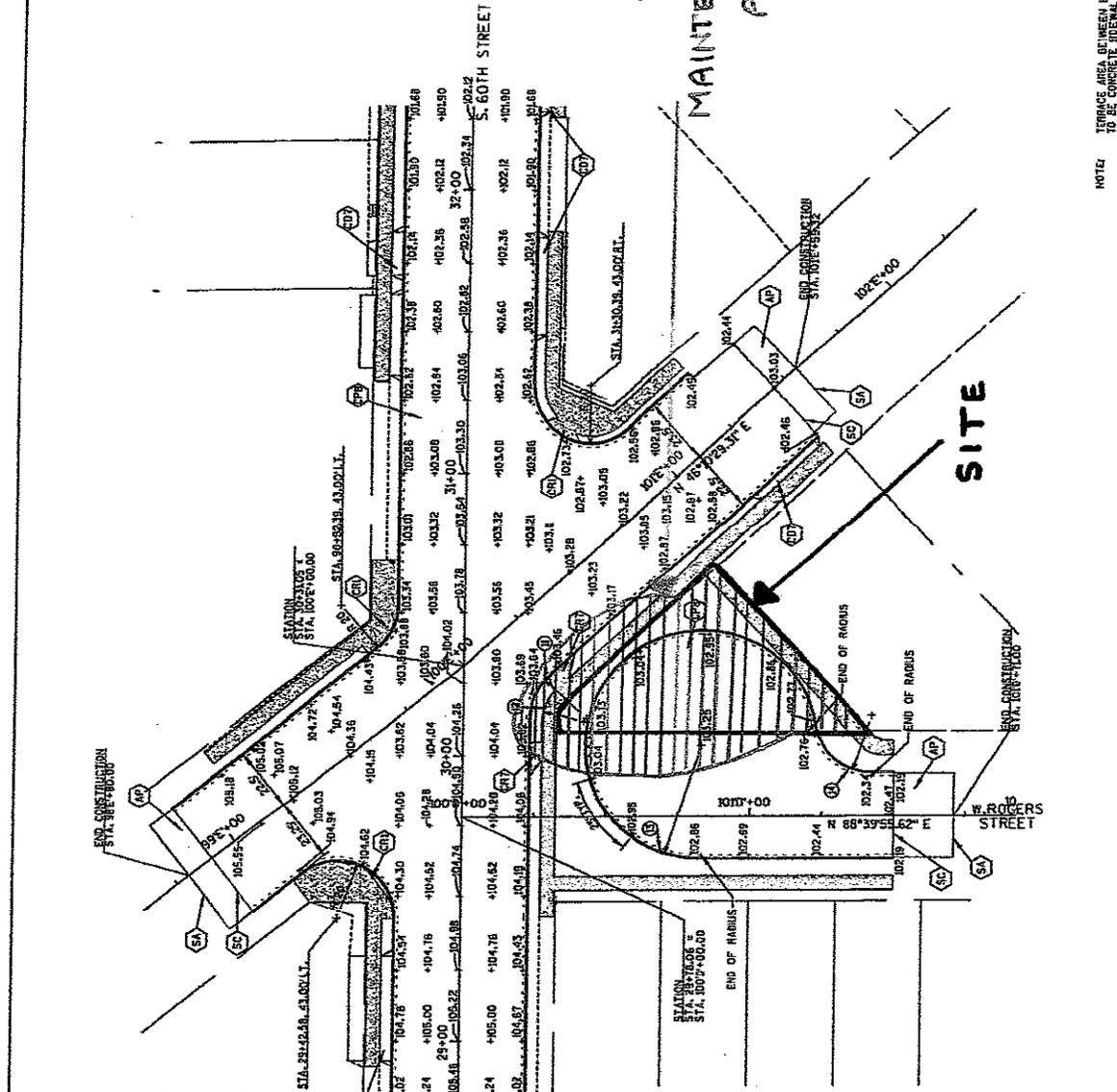
Attachments

cc: John F. Stibal - City of West Allis
Patrick Schloss - City of West Allis



LEGEND

	REMOVE TO BE REMOVED/REPLACED
	CONCRETE CURB, 6-INCH
	CONCRETE CURB, 8-INCH
	CONCRETE CURB, 10-INCH
	CONCRETE CURB, 12-INCH
	CONCRETE CURB, 14-INCH
	CONCRETE CURB, 16-INCH
	CONCRETE CURB, 18-INCH
	CONCRETE CURB, 20-INCH
	CONCRETE CURB, 22-INCH
	CONCRETE CURB, 24-INCH
	CONCRETE CURB, 26-INCH
	CONCRETE CURB, 28-INCH
	CONCRETE CURB, 30-INCH
	CONCRETE CURB, 32-INCH
	CONCRETE CURB, 34-INCH
	CONCRETE CURB, 36-INCH
	CONCRETE CURB, 38-INCH
	CONCRETE CURB, 40-INCH
	CONCRETE CURB, 42-INCH
	CONCRETE CURB, 44-INCH
	CONCRETE CURB, 46-INCH
	CONCRETE CURB, 48-INCH
	CONCRETE CURB, 50-INCH
	CONCRETE CURB, 52-INCH
	CONCRETE CURB, 54-INCH
	CONCRETE CURB, 56-INCH
	CONCRETE CURB, 58-INCH
	CONCRETE CURB, 60-INCH
	CONCRETE CURB, 62-INCH
	CONCRETE CURB, 64-INCH
	CONCRETE CURB, 66-INCH
	CONCRETE CURB, 68-INCH
	CONCRETE CURB, 70-INCH
	CONCRETE CURB, 72-INCH
	CONCRETE CURB, 74-INCH
	CONCRETE CURB, 76-INCH
	CONCRETE CURB, 78-INCH
	CONCRETE CURB, 80-INCH
	CONCRETE CURB, 82-INCH
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NOTE: TERRACE AREA BETWEEN BACK OF CURB AND SIDEWALK TO BE CONCRETE SIDEWALK 5-INCH IN FRONT OF CURB, 18-INCHES AND 500 LAMB IN FRONT OF RESIDENTIAL PROPERTIES.

PROJECT NO: 2415-06-70
 COUNTY: MILWAUKEE
 HWY: S. 60TH STREET
 PLAN DETAILS
 SHEET 42

RADIUS TABLE

NUMBER	RADIUS	STATION	OFFSET
11	20'	100+13.62	43.00' RT
12	14.75'	100+16.19	42.00' RT
13	40'	100+17.08	42.41' RT
14	20'	100+18.51	42.41' RT
		100+19.14	42.41' RT
		100+20.28	42.00' RT
		100+21.84	39.91' RT
		100+22.28	35.21' LT