

GIS REGISTRY

Cover Sheet

May, 2009
(RR 5367)

Source Property Information

BRRTS #:

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

COMM #:

*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 type="checkbox"/> Groundwater Contamination > ES (236) | <input checked="" type="checkbox"/> Soil Contamination > *RCL or **SSRCL (232) |
| <input type="checkbox"/> Contamination in ROW | <input type="checkbox"/> Contamination in ROW |
| <input type="checkbox"/> Off-Source Contamination | <input type="checkbox"/> Off-Source Contamination |
| <i>(note: for list of off-source properties
see "Impacted Off-Source Property")</i> | <i>(note: for list of off-source properties
see "Impacted Off-Source Property")</i> |

Land Use Controls:

- | | |
|---|---|
| <input checked="" type="checkbox"/> N/A (Not Applicable) | <input type="checkbox"/> Cover or Barrier (222) |
| <input type="checkbox"/> Soil: maintain industrial zoning (220) | <i>(note: maintenance plan for
groundwater or direct contact)</i> |
| <i>(note: soil contamination concentrations
between non-industrial and industrial levels)</i> | <input type="checkbox"/> Vapor Mitigation (226) |
| <input type="checkbox"/> Structural Impediment (224) | <input type="checkbox"/> Maintain Liability Exemption (230) |
| <input type="checkbox"/> Site Specific Condition (228) | <i>(note: local government or economic
development corporation)</i> |

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? (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 #: 03-08-553092 PARCEL ID #: 211-0340-00L0600-000-0-182019-05-050B

ACTIVITY NAME: SHELL STATION DIESEL FUEL PUMP WTM COORDINATES: X: 667828 Y: 395966

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.)
- 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 8.5 x 14 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 Vicinity Map**
 - 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: Site Plan**
 - 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 #: 5 **Title: Excavation Area Layout**

BRRTS #: 03-08-553092

ACTIVITY NAME: SHELL STATION DIESEL FUEL PUMP

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 #: 5A Title: Excavation Cross-Section

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 #: Title:

- 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 #: Title:

Figure #: Title:

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

Tables must be no larger than 8.5 x 14 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 #: 1A-1D Title: Soil Analytical Results

- 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 #: Title:

- 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 #: Title:

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 #: 03-08-553092

ACTIVITY NAME: SHELL STATION DIESEL FUEL PUMP

NOTIFICATIONS

Source Property

- 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.

- 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:



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
9316 North 107th Street
Milwaukee, Wisconsin 53224-1121
TTY: Contact Through Relay
Fax: (414) 357-4700
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

September 2, 2009

Mr. Steve Rolfe
BRIC (North/Calumet) Associates, LLP
W228 N745 Westmound Drive
Waukesha, WI 53186

RE: **Final Closure**

Commerce # 53014-1637-45-C DNR BRRTS # 03-08-553092
Chilton Exxon [aka Shell Station Diesel Fuel Pump], 245 East Calumet Street, Chilton

Dear Mr. Rolfe:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Bureau Veritas North America, Inc., for the site referenced above. Commerce has determined that this site does not pose a significant threat to human health or the environment. No further investigation or remedial action is necessary.

This case 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 document residual soil contamination. To review sites on the GIS Registry web page, visit <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. 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 State regulations and standards.

Thank you for your efforts to protect and restore Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 357-4704.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen D. Mueller".

Stephen D. Mueller
Senior Hydrogeologist
Site Review Section

cc: Mr. David Matz, Bureau Veritas

on the North line of said Lot 292.0 feet to the place of beginning. Less and excepting therefrom the following parcel of land to wit: Commencing at a point 439.8 feet East of the Northwest corner of Government Lot 5 in Section 19, Township 18 North, Range 20 East; thence running South parallel with the West line of said lot 203 feet to the point of beginning; thence continuing South 103 feet; thence due East 503.3 feet, parallel with the North line of said Lot to the center line of State Trunk Highway 57; thence Northwesterly on the center line of said highway to a point due East from the point of beginning herein stated thence due West to the point of beginning.

Also excepting the following parcel: Commencing at a point 439.8 feet East of the Northwest corner of Government Lot 5 in Section 19, Township 18 North, Range 20 East; thence South parallel with the West line of said Lot 5, 203 feet to the North line of the land conveyed to Duane E. Bass; thence East on the North line of said land 16 feet; thence North parallel with the West line of said Lot 5, 203 feet to the North line of said Lot; thence West on the North line of said Lot 16 feet to the point of beginning.

Wisconsin Department of Natural Resources
Northeast Region Headquarters
2984 Shawano Avenue
Green Bay, Wisconsin 54313

Subject: **Statement of Legal Description**
 BRRTS# 03-08-553092
 Commerce# 53014-1637-45-C
 Former Shell Station/Proposed Walgreen Store #13065
 245 East Calumet Street
 Chilton, Calumet County, Wisconsin

To Whom It May Concern:

Please consider this letter a formal statement that BRIC (Calumet/Chestnut) Associates believes the provided legal description for the above-referenced subject property to be complete and accurate.

Please keep this acknowledgement on file with the records for the above-noted facility.

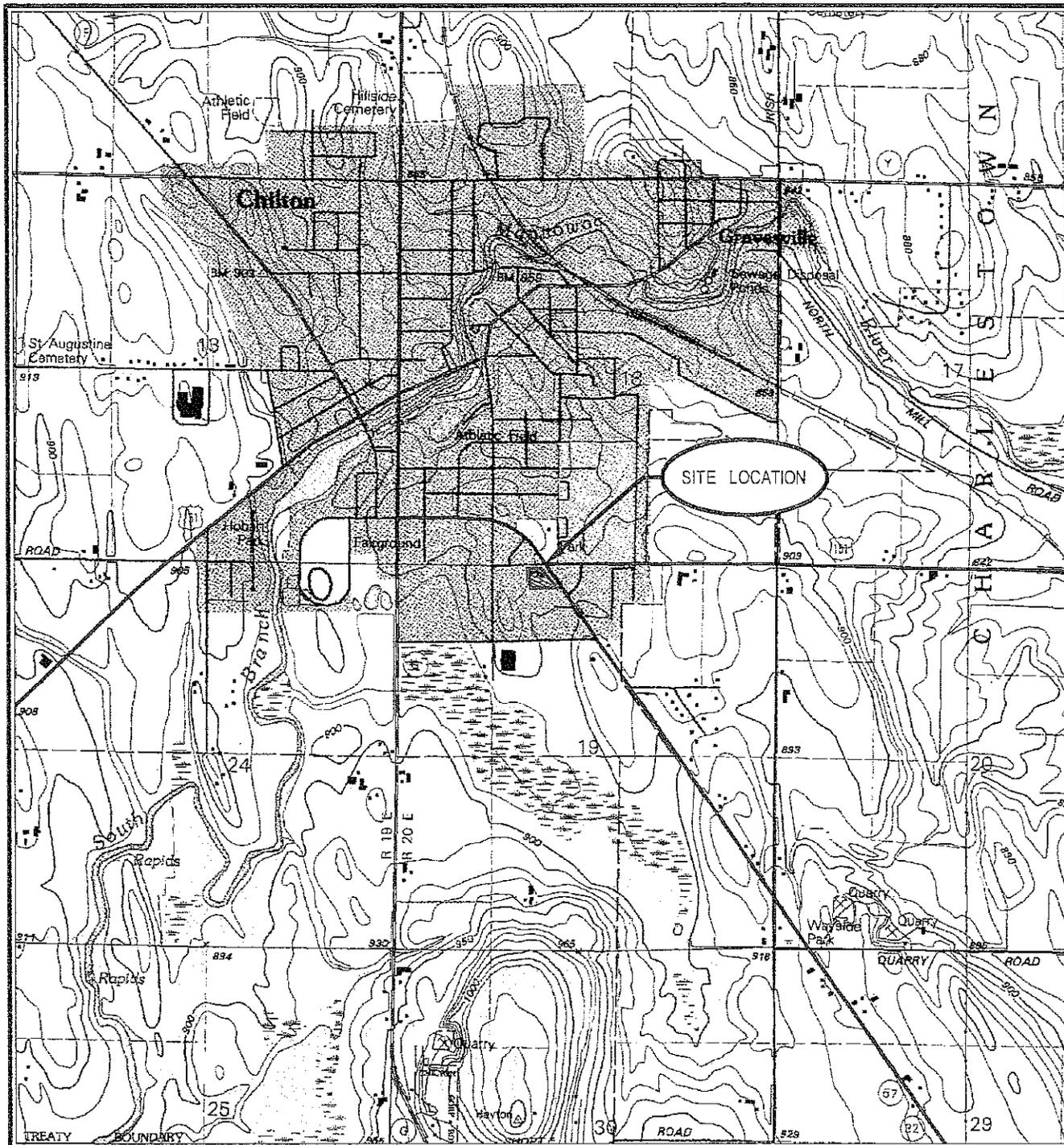


pres

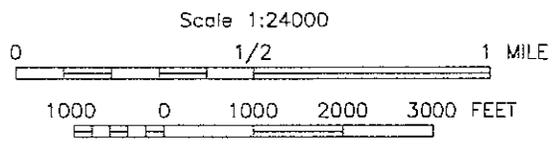
7-15-09

Mr. Brian Cummings, BRIC (Calumet/Chestnut) Associates

Date



QUADRANGLE LOCATION



(SOURCE OF MAP IS USGS 7.5 MINUTE QUADRANGLE MAP, CHILTON (1992), WISCONSIN)

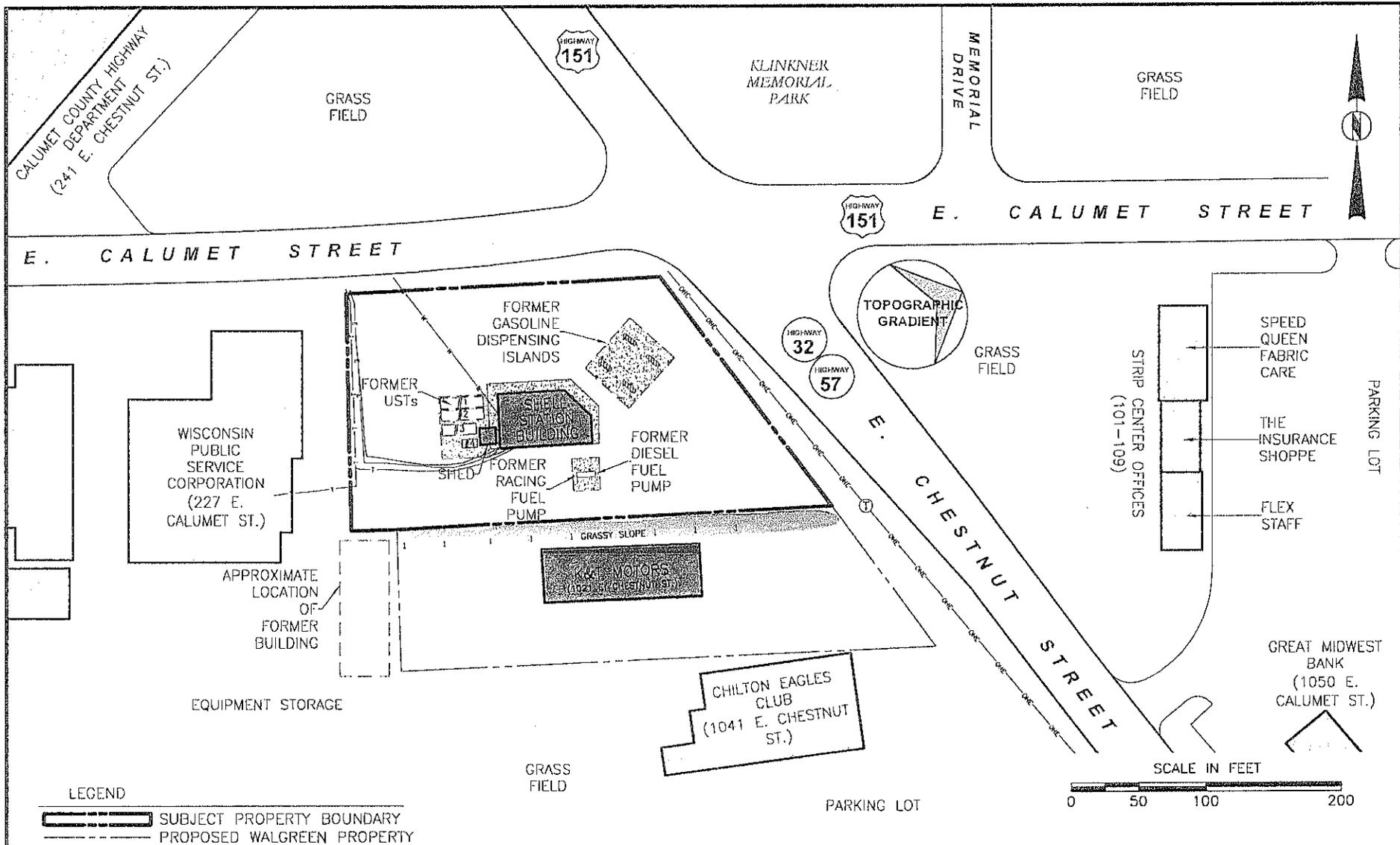


CHECK BY	DRM
DRAWN BY	JL
DATE	4/3/2009
SCALE	AS SHOWN
CAD NO.	08311.04A_d
PRJ NO.	99008-008311.04

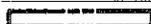
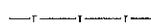
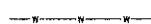
SITE VICINITY MAP
 BRRTS#03-08-553092
 (DIESEL FUEL PUMP RELEASE)
 FORMER SHELL STATION/PROPOSED WALGREEN STORE #13065
 245 EAST CALUMET STREET
 CHILTON, WISCONSIN



FIGURE
 1



LEGEND

-  SUBJECT PROPERTY BOUNDARY
-  PROPOSED WALGREEN PROPERTY
-  OVERHEAD ELECTRIC
-  UNDERGROUND ELECTRIC
-  GAS LINE
-  UNDERGROUND TELEPHONE
-  WATER LINE
-  CHAINLINK FENCE
-  TRANSFORMER--POLE MOUNTED

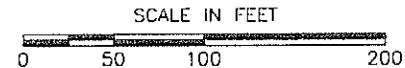
CHK BY	DRM
DWN BY	JL
DATE	4/13/2009
SCALE	AS SHOWN
CAD NO.	08311.04B_d
PRJ NO.	99008-008311.04

SITE PLAN
 BRRTS#03-08-553092
 (DIESEL FUEL PUMP RELEASE)
 FORMER SHELL STATION/PROPOSED WALGREEN STORE #13065
 245 EAST CALUMET STREET
 CHILTON, WISCONSIN



FIGURE

2



E. CALUMET STREET



P-2 (6') 11/19/00	
PVOCs	ND
GRO	<6.6
DRO	NA

P-3 (6') 11/19/00	
BENZENE	14
ETHYLBENZENE	48
MTBE	<0.64
NAPHTHALENE	18
TOLUENE	109
1,2,4 TMB	220
1,3,5 TMB	72
TOTAL XYLENES	250
GRO	3,500
DRO	NA

P-6 (4') 11/19/00	
PVOCs	ND
GRO	<7.2
DRO	NA

P-7 (4') 11/19/00	
BENZENE	0.844
ETHYLBENZENE	<0.037
MTBE	<0.037
NAPHTHALENE	<0.074
TOLUENE	0.082
1,2,4 TMB	<0.037
1,3,5 TMB	<0.037
TOTAL XYLENES	<0.11
GRO	<7.4
DRO	NA

D-5 (4') 11/19/00	
BENZENE	0.041
ETHYLBENZENE	0.16
MTBE	<0.03
NAPHTHALENE	0.22
TOLUENE	0.077
1,2,4 TMB	0.31
1,3,5 TMB	0.12
TOTAL XYLENES	0.27
GRO	12
DRO	NA

D-4 (4') 11/19/00	
BENZENE	0.069
ETHYLBENZENE	0.34
MTBE	<0.034
NAPHTHALENE	1.9
TOLUENE	0.1
1,2,4 TMB	6.1
1,3,5 TMB	2.1
TOTAL XYLENES	5.4
GRO	60
DRO	NA

D-2 (4.5') 11/19/00	
BENZENE	<0.03
ETHYLBENZENE	<0.03
MTBE	<0.03
NAPHTHALENE	<0.061
TOLUENE	0.057
1,2,4 TMB	0.065
1,3,5 TMB	0.034
TOTAL XYLENES	0.11
GRO	<6.1
DRO	NA

D-3 (4.5') 11/19/00	
BENZENE	0.41
ETHYLBENZENE	0.2
MTBE	<0.034
NAPHTHALENE	<0.068
TOLUENE	1.6
1,2,4 TMB	0.36
1,3,5 TMB	0.12
TOTAL XYLENES	1.0
GRO	<6.8
DRO	NA

P-1 (4.5') 11/19/00	
PVOCs	ND
GRO	<6.1
DRO	NA

SB-6		
8/13/00	4-6 FT.	10-20 FT.
ETHYLBENZENE	<0.03	<0.028
MTBE	0.13	<0.028
TOLUENE	<0.03	<0.028
1,2,4 TMB	<0.03	<0.028
1,3,5 TMB	<0.03	<0.028
TOTAL XYLENES	<0.069	<0.084
GRO	<5.9	<5.6
DRO	<5.9	<5.6

SB-4 (6'-0" & 10'-20") 11/19/00	
PVOCs	ND
GRO	<5.8
DRO	<5.8

SB-5 (4.0') 8/13/00	
PVOCs	ND
GRO	NA
DRO	NA

P-6 (4.5') 11/19/00	
PVOCs	ND
GRO	<6.0
DRO	<6.0

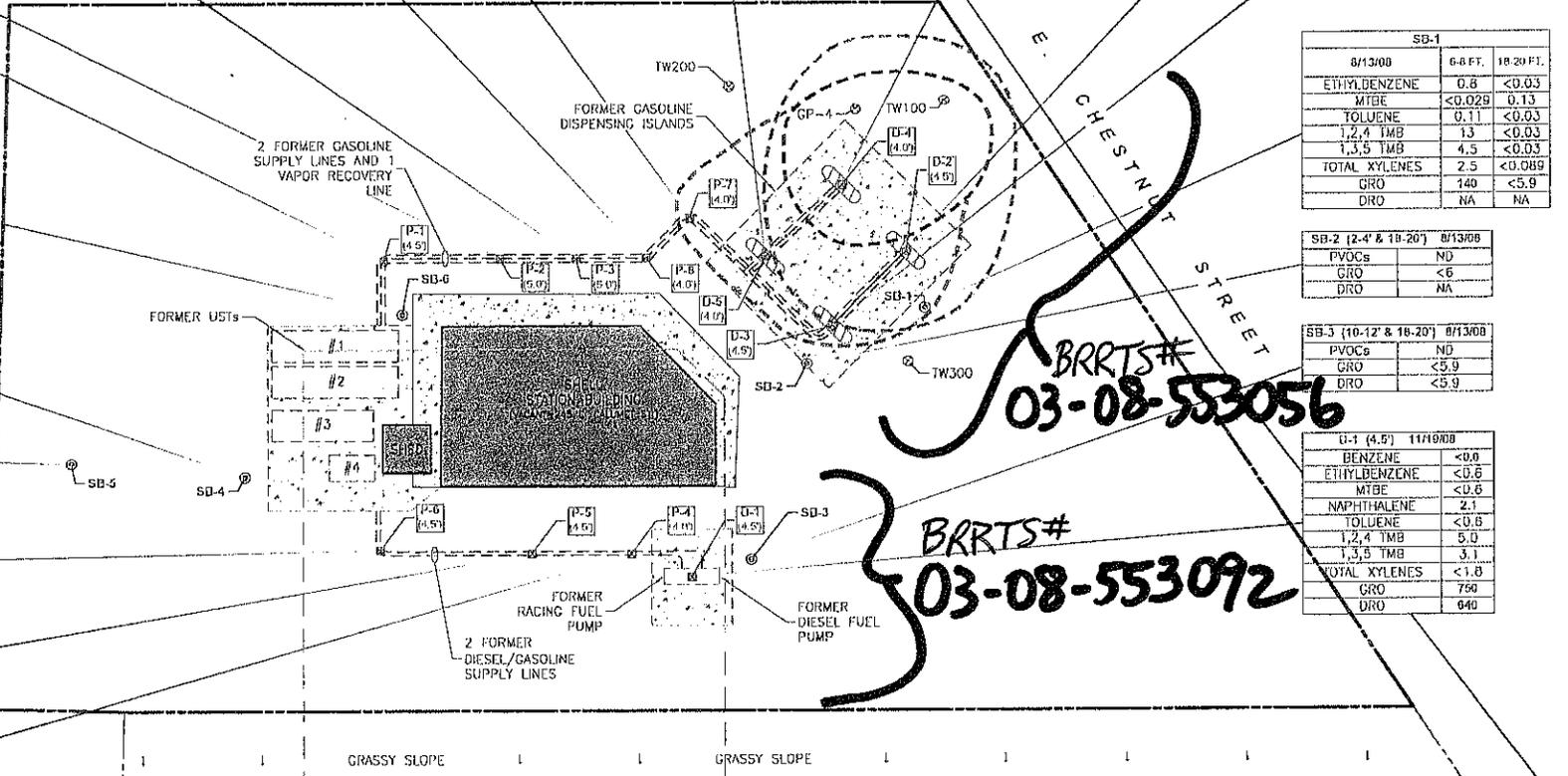
P-5 (4.5') 11/19/00	
PVOCs	ND
GRO	<7.7
DRO	<5.9

P-4 (4') 11/19/00	
PVOCs	ND
GRO	<6.3
DRO	<6.3

LEGEND

- SUBJECT PROPERTY BOUNDARY
- PROPOSED WALGREEN PROPERTY
- PROPOSED WALGREEN BUILDING
- CONCRETE
- GW CONTAMINATION--EXCESS OF RCLs**
- GW CONTAMINATION--EXCESS OF ES*
- SOIL CONTAMINATION--EXCESS OF RCLs*
- SOIL BORING LOCATION
- SOIL CONFIRMATION SAMPLE
- BORING - NORTHERN ENVIRONMENTAL

- NOTES:**
- ** APPROXIMATE EXTENT OF SOIL CONTAMINATION IN EXCESS OF RCLs FROM GLEISED LUST (CHILTON EXXON) BASED ON BUREAU VERITAS DATA.
 - * CONTAMINATION PLUMES BASED ON 2005 REPORTS FROM NORTHERN ENVIRONMENTAL ENGINEERING (CHILTON EXXON LUST) - ESTIMATED EXTENT OF SOIL CONTAMINATION IN EXCESS OF RCLs, AND ESTIMATED EXTENT OF PETROLEUM IMPACTED GROUNDWATER IN EXCESS OF ES.
 - BOLD VALUES** = DETECTED CONCENTRATIONS EXCEED THE RCLs RESIDUAL CONTAMINANT LEVELS.

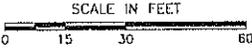


SB-1		
8/13/00	6-8 FT.	10-20 FT.
ETHYLBENZENE	0.8	<0.03
MTBE	<0.029	0.13
TOLUENE	0.11	<0.03
1,2,4 TMB	1.3	<0.03
1,3,5 TMB	4.5	<0.03
TOTAL XYLENES	2.5	<0.089
GRO	140	<5.9
DRO	NA	NA

SB-2 (2'-4" & 10'-20") 8/13/00	
PVOCs	ND
GRO	<6
DRO	NA

SB-3 (10'-12" & 10'-20") 8/13/00	
PVOCs	ND
GRO	<5.9
DRO	<5.9

D-1 (4.5') 11/19/00	
BENZENE	<0.0
ETHYLBENZENE	<0.6
MTBE	<0.6
NAPHTHALENE	2.1
TOLUENE	<0.6
1,2,4 TMB	5.0
1,3,5 TMB	3.1
TOTAL XYLENES	<1.0
GRO	750
DRO	040



CHECK BY	DRM
DRAWN BY	JL
DATE	4/14/2009
SCALE	AS SHOWN
CAD NO.	08311.04E.d
PRJ NO.	99000-00831.04

PRODUCT PIPING RUN/DISPENSER SAMPLE LOCATIONS
 BRRTS#03-08-553092
 (DIESEL FUEL PUMP RELEASE)
 FORMER SHELL STATION/PROPOSED WALGREEN STORE #13065
 245 EAST CALUMET STREET
 CHILTON, WISCONSIN



FIGURE
4

UST-11 (14')	11/24/08
PVOCs	ND
GRO	<6.5
DRO	8.9

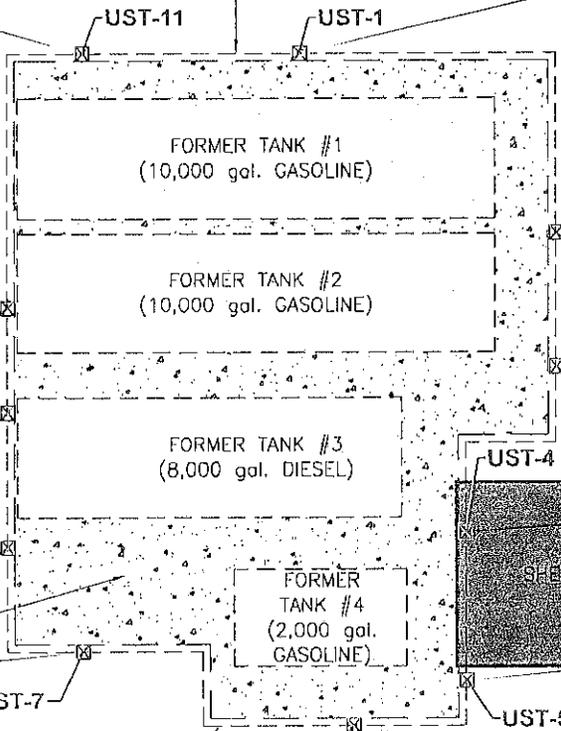
UST-10 (14')	11/24/08
PVOCs	ND
GRO	<6.5
DRO	<5.9

UST-9 (14')	11/24/08
PVOCs	ND
GRO	<6.5
DRO	<5.9

UST-8 (14')	11/24/08
PVOCs	ND
GRO	<6.5
DRO	<5.9

UST-7 (14')	11/24/08
PVOCs	ND
GRO	<6.5
DRO	<5.9

UST EXCAVATION LIMITS
(APPROXIMATELY 14' DEEP)



UST-1 (10')	11/18/08
PVOCs	ND
GRO	<6.5
DRO	<5.9

UST-2 (14')	11/24/08
PVOCs	ND
GRO	<6.5
DRO	<5.9

UST-3 (14')	11/24/08
ETHYLBENZENE	0.069
NAPHTHALENE	0.15
1,2,4 TMB	0.26
1,3,5 TMB	0.21
TOTAL XYLENES	0.11
GRO	19
DRO	70
REMAINING PVOCs	ND

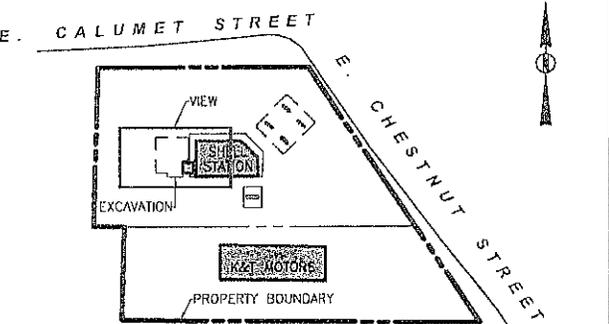
UST-4 (14')	11/24/08
PVOCs	ND
GRO	<6.5
DRO	<5.9

UST-5 (12')	11/24/08
PVOCs	ND
GRO	<6.5
DRO	<5.9

UST-6 (12')	11/24/08
PVOCs	ND
GRO	<6.5
DRO	<5.9

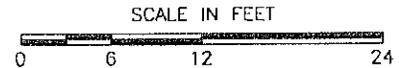
FORMER CONCRETE PAD BENEATH USTs
(APPROXIMATELY 1' THICK)

UST EXCAVATION LIMITS
(APPROXIMATELY 12' DEEP)



LEGEND

- SOIL CONFIRMATION SAMPLE
- CONCRETE



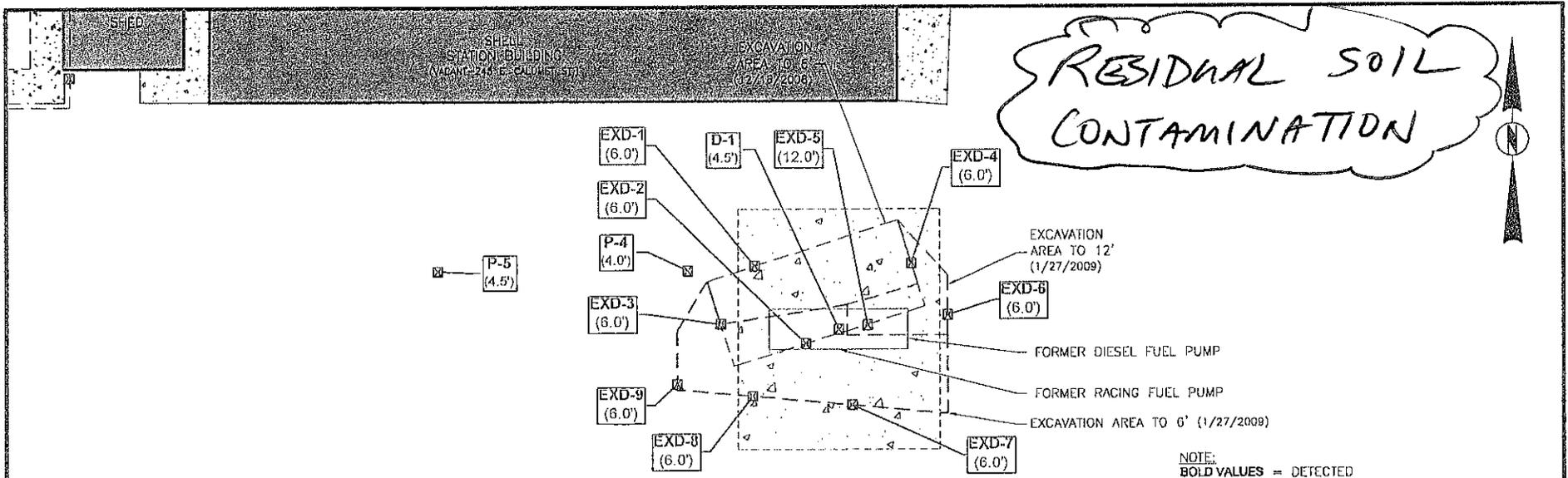
CHK BY	DRM
DWN BY	JL
DATE	4/3/2009
SCALE	AS SHOWN
CAD NO.	08311.04C_d
PRJ NO.	99008-008311.04

UST SYSTEM LAYOUT & SAMPLE LOCATION MAP
BRRTS#03-08-553092
(DIESEL FUEL PUMP RELEASE)
FORMER SHELL STATION/PROPOSED WALGREEN STORE #13065
245 EAST CALUMET STREET
CHILTON, WISCONSIN

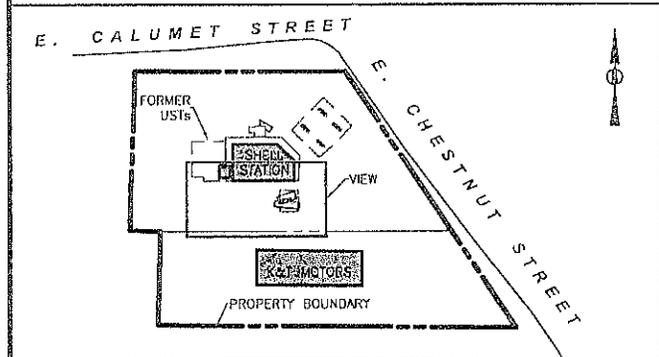


FIGURE

3



COMPOUND	WDNR OBJECTIVES			SAMPLE LOCATION											NOTE: BOLD VALUES = DETECTED CONCENTRATIONS EXCEEDED THE NR720 RESIDUAL CONTAMINANT LEVELS.		
	NR 720 Residual Cont. Levels	NR 746 Table 1 Soil Screening Levels	NR 746 Table 2 Soil Screening Levels	EXD-1 (6')	EXD-2 (6')	EXD-3 (6')	EXD-4 (6')	EXD-5 (12')	EXD-6 (6')	EXD-7 (6')	EXD-8 (6')	EXD-9 (6')	P-4 (4')	P-5 (4.5')	D-1 (4.5')		
				12/16/08	12/16/08	12/16/08	12/16/08	1/27/09	1/27/09	1/27/09	1/27/09	1/27/09	1/27/09	1/27/09	11/19/08	11/19/08	11/19/08
VOCs (mg/kg)																	
Benzene	0.0055	8.5	1.1	<0.029	<0.031	<0.43	<0.038	<0.03	<0.029	<0.038	<0.067	<0.041	<0.032	<0.039	<0.6		
Ethylbenzene	2.9	4.6	NE	0.084	0.2	1.5	<0.036	0.055	<0.029	<0.036	<0.057	<0.041	<0.032	<0.039	<0.6		
MTBE	NE	NE	NE	<0.029	<0.031	<0.43	<0.038	<0.030	<0.029	<0.036	<0.057	<0.041	<0.032	<0.039	<0.6		
Naphthalene	0.4*	2.7	NE	0.28	1.7	6.5	<0.075	0.30	<0.068	<0.072	<0.11	<0.082	<0.083	<0.077	2.1		
Toluene	1.5	38	NE	<0.029	<0.031	<0.43	<0.038	<0.030	<0.029	<0.036	<0.057	<0.041	<0.032	<0.039	<0.6		
1,2,4-Trimethylbenzene	NE	83	NE	0.098	0.77	2.7	0.047	0.079	<0.029	<0.036	<0.057	<0.041	<0.032	<0.039	5.0		
1,3,5-Trimethylbenzene	NE	11	NE	<0.029	0.26	1.5	<0.036	<0.030	<0.029	<0.036	<0.057	<0.041	<0.032	<0.039	3.1		
Total Xylenes	4.1	42	NE	<0.087	0.24	<1.3	<0.11	<0.091	<0.088	<0.11	<0.17	<0.12	<0.095	<0.12	<1.8		
GRO (mg/kg)	100	NE	NE	34	110	690	28	31	<5.8	<7.2	<11.0	<8.2	<6.3	<7.7	760		
DRO (mg/kg)	100	NE	NE	80	310	1200	310	100	34	<6.0	<6.0	<5.5	<6.3	<5.9	640		



LEGEND

- ☒ SOIL CONFIRMATION SAMPLE
- ▣ CONCRETE

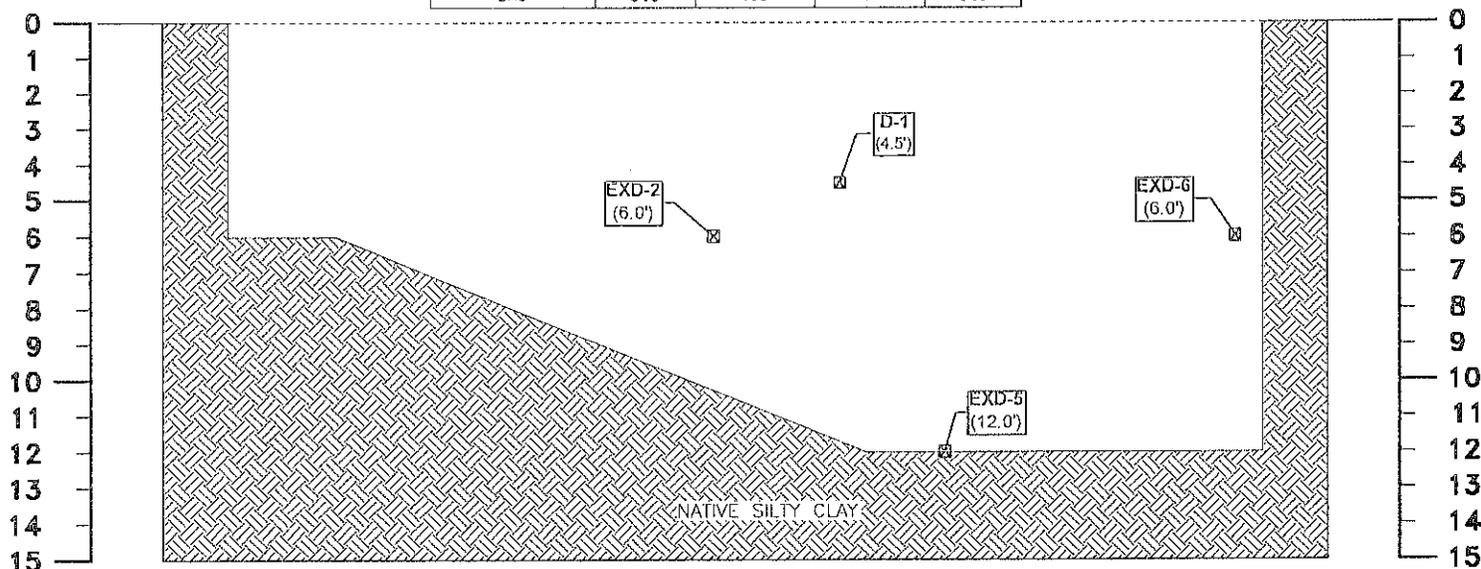
SCALE IN FEET
0 7.5 15 30

CHK BY DRM	EXCAVATION AREA LAYOUT BRRTS#03-08-553092 (DIESEL FUEL PUMP RELEASE) FORMER SHELL STATION/PROPOSED WALGREEN STORE #13065 245 EAST CALUMET STREET CHILTON, WISCONSIN		FIGURE
DWN BY JL			5
DATE 4/13/2009			
SCALE AS SHOWN			
CAD NO. 08311.04F_d			
PRJ NO. 99008-008311.04			

COMPOUND	EXD-2 (6') 12/16/08	EXD-5 (12') 1/27/09	EXD-6 (6') 1/27/09	D-1 (4.5') 11/19/08
BENZENE	<0.031	<0.03	<0.029	<0.6
ETHYLBENZENE	0.2	0.055	<0.029	<0.6
MTBE	<0.031	<0.030	<0.029	<0.6
NAPHTHALENE	1.7	0.30	<0.058	2.1
TOLUENE	<0.031	<0.030	<0.029	<0.6
1,2,4 TMB	0.77	0.079	<0.029	5.0
1,3,5 TMB	0.26	<0.030	<0.029	3.1
TOTAL XYLENES	0.24	<0.091	<0.088	<1.8
GRO	110	31	<5.8	750
DRO	310	100	34	640

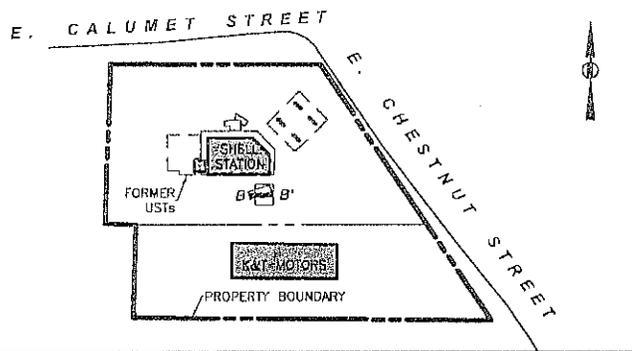
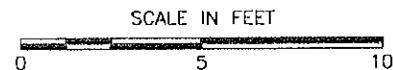
WEST
B

EAST
B'



NOTES:

- CROSS SECTION IS BASED ON BEST PROFESSIONAL JUDGMENT USING AVAILABLE DATA. THE THICKNESS AND EXTENT OF THE LITHOLOGIC UNITS ARE APPROXIMATED.
- BOLD VALUES** = DETECTED CONCENTRATIONS EXCEED THE NR720 RESIDUAL CONTAMINANT LEVELS.



CHK BY	DRM
DWN BY	JL
DATE	4/13/2009
SCALE	AS SHOWN
CAD NO.	08311.04G_d
PRJ NO.	99008-008311.04

EXCAVATION CROSS-SECTION
 BRRTS#03-08-553092
 (DIESEL FUEL PUMP RELEASE)
 FORMER SHELL STATION/PROPOSED WALGREEN STORE #13065
 245 EAST CALUMET STREET
 CHILTON, WISCONSIN



FIGURE

5A

TABLE 1A (AUGUST 2008 INVESTIGATION)
Soil Analytical Results - VOCs, GRO, DRO and PAHs

Former Shell Station/Proposed Walgreen Store #13065
245 E. Calumet Street, Chilton, Wisconsin
Bureau Veritas Project Number 99008-008311.04

COMPOUND	WDNR OBJECTIVES			SAMPLE LOCATION											
	NR 720 Residual Cont. Levels	NR 746 Table 1 Soil Screening Levels	NR 746 Table 2 Soil Screening Levels	SB-1	SB-1	SB-2	SB-2	SB-3	SB-3	SB-4	SB-4	SB-5	SB-5	SB-6	SB-6
				6-8 FT	18-20 FT	2-4 FT	18-20 FT	10-12 FT	18-20 FT	6-8 Ft	18-20 FT	4-6 FT	18-20 FT	4-6 FT	18-20 FT
				8/13/08	8/13/08	8/13/08	8/13/08	8/13/08	8/13/08	8/13/08	8/13/08	8/13/08	8/13/08	8/13/08	8/13/08
VOCs (mg/kg)															
Benzene	0.0055	8.5	1.1	<0.029	<0.03	<0.03	<0.027	<0.029	<0.028	<0.029	<0.028	<0.031	<0.027	<0.03	<0.028
Ethylbenzene	2.9	4.6	NE	0.8	<0.03	<0.03	<0.027	<0.029	<0.028	<0.029	<0.028	<0.031	<0.027	<0.03	<0.028
MTBE	NE	NE	NE	<0.029	0.13	<0.03	<0.027	<0.029	<0.028	<0.029	<0.028	<0.031	<0.027	0.13	<0.028
Toluene	1.5	38	NE	0.11	<0.03	<0.03	<0.027	<0.029	<0.028	<0.029	<0.028	<0.031	<0.027	<0.03	<0.028
1,2,4-Trimethylbenzene	NE	83	NE	13	<0.03	<0.03	<0.027	<0.029	<0.028	<0.029	<0.028	<0.031	<0.027	<0.03	<0.028
1,3,5-Trimethylbenzene	NE	11	NE	4.5	<0.03	<0.03	<0.027	<0.029	<0.028	<0.029	<0.028	<0.031	<0.027	<0.03	<0.028
Total Xylenes	4.1	42	NE	2.5	<0.089	<0.09	<0.082	<0.088	<0.083	<0.087	<0.083	<0.1	<0.093	<0.089	<0.084
Remaining Analyzed VOCs	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
GRO (mg/kg)	100	NE	NE	140	<5.9	<6	<5.5	<5.9	<5.5	<5.8	<5.6	NA	NA	<5.9	<5.6
DRO (mg/kg)	100	NE	NE	NA	NA	NA	NA	<5.9	<5.5	<5.8	<5.6	NA	NA	<5.9	<5.6
PAHs* (mg/kg)															
Anthracene	3,000	NE	NE	NA	NA	NA	NA	<0.0059	<0.0055	<0.0058	<0.0056	<0.0061	<0.0055	<0.0059	<0.0056
Benzo(a)anthracene	0.088	NE	NE	NA	NA	NA	NA	<0.0059	<0.0055	<0.0058	<0.0056	<0.0061	<0.0055	<0.0059	<0.0056
Benzo(b)fluoranthene	0.088	NE	NE	NA	NA	NA	NA	<0.0059	<0.0055	<0.0058	<0.0056	<0.0061	<0.0055	<0.0059	<0.0056
Benzo(k)fluoranthene	0.88	NE	NE	NA	NA	NA	NA	<0.0059	<0.0055	<0.0058	<0.0056	<0.0061	<0.0055	<0.0059	<0.0056
Benzo(a)pyrene	0.0088	NE	NE	NA	NA	NA	NA	<0.0059	<0.0055	<0.0058	<0.0056	<0.0061	<0.0055	<0.0059	<0.0056
Benzo(g,h,i)perylene	1.8	NE	NE	NA	NA	NA	NA	<0.0059	<0.0055	<0.0058	<0.0056	<0.0061	<0.0055	<0.0059	<0.0056
Chrysene	8.8	NE	NE	NA	NA	NA	NA	<0.0059	<0.0055	<0.0058	<0.0056	<0.0061	<0.0055	<0.0059	<0.0056
Dibenzo(a,h)anthracene	0.0088	NE	NE	NA	NA	NA	NA	<0.0088	<0.0083	<0.0087	<0.0083	<0.0092	<0.0082	<0.0089	<0.0084
Fluoranthene	500	NE	NE	NA	NA	NA	NA	<0.012	<0.011	<0.012	<0.011	<0.012	<0.011	<0.012	<0.011
Phenanthrene	1.8	NE	NE	NA	NA	NA	NA	<0.0059	<0.0055	<0.0058	<0.0056	<0.0061	<0.0055	<0.0059	<0.0056
Pyrene	500	NE	NE	NA	NA	NA	NA	<0.0059	<0.0055	<0.0058	<0.0056	<0.0061	<0.0055	<0.0059	<0.0056
Remaining PAHs	Various	NE	NE	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

mg/kg = Milligrams per kilogram or parts per million (ppm). All results reported in mg/kg.

VOC samples analyzed by USEPA SW846 Method 8260B.

PAH samples analyzed by USEPA SW846 Method 8310.

GRO/DRO samples analyzed by WDNR Methods.

Bold values = detected concentrations exceeding the NR720 Residual Contaminant Levels or NR746 Soil Screening Levels

*Residual Contaminant Level for naphthalene and PAHs are most stringent levels from WNDP Publication RR-519-97, *Soil Cleanup Levels for PAHs Interim Guidance*, dated April 1997

NE = Objective not established for this compound, NA = Parameter not analyzed, ND = Compound(s) not detected above detection limit

TABLE 1B (UST PIT SAMPLES - NOVEMBER 2008)
Soil Analytical Results - PVOs, GRO and DRO

Former Shell Station/Proposed Walgreen Store #13065
245 E. Calumet Street, Chilton, Wisconsin
Bureau Veritas Project Number 99008-008311.04

COMPOUND	WDNR OBJECTIVES			SAMPLE LOCATION										
	NR 720 Residual Cont. Levels	NR 746 Table 1 Soil Screening Levels	NR 746 Table 2 Soil Screening Levels	UST-1 (10')	UST-2 (14')	UST-3 (14')	UST-4 (14')	UST-5 (12')	UST-6 (12')	UST-7 (14')	UST-8 (14')	UST-9 (14')	UST-10 (14')	UST-11 (14')
				11/18/08	11/24/08	11/24/08	11/24/08	11/24/08	11/24/08	11/24/08	11/24/08	11/24/08	11/24/08	11/24/08
VOCs (mg/kg)														
Benzene	0.0055	8.5	1.1	<0.033	<0.028	<0.028	<0.028	<0.032	<0.036	<0.028	<0.033	<0.028	<0.029	<0.028
Ethylbenzene	2.9	4.6	NE	<0.033	<0.028	0.069	<0.028	<0.032	<0.036	<0.028	<0.033	<0.028	<0.029	<0.028
MTBE	NE	NE	NE	<0.033	<0.028	<0.028	<0.028	<0.032	<0.036	<0.028	<0.033	<0.028	<0.029	<0.028
Naphthalene	0.4*	2.7	NE	<0.065	<0.056	0.15	<0.055	<0.063	<0.071	<0.057	<0.066	<0.056	<0.058	<0.056
Toluene	1.5	38	NE	<0.033	<0.028	<0.028	<0.028	<0.032	<0.036	<0.028	<0.033	<0.028	<0.029	<0.028
1,2,4-Trimethylbenzene	NE	83	NE	<0.033	<0.028	0.26	<0.028	<0.032	<0.036	<0.028	<0.033	<0.028	<0.029	<0.028
1,3,5-Trimethylbenzene	NE	11	NE	<0.033	<0.028	0.21	<0.028	<0.032	<0.036	<0.028	<0.033	<0.028	<0.029	<0.028
Total Xylenes	4.1	42	NE	<0.098	<0.084	0.11	<0.083	<0.095	<0.11	<0.085	<0.1	<0.085	<0.088	<0.084
GRO (mg/kg)	100	NE	NE	<6.5	<5.6	19	<5.5	<6.3	<7.1	<5.7	<6.6	<5.6	<5.8	<5.6
DRO (mg/kg)	100	NE	NE	<5.9	<5.6	70	<5.5	<5.8	<6.5	<5.6	<5.5	<5.6	<5.8	8.9

Notes:

mg/kg = Milligrams per kilogram or parts per million (ppm). All results reported in mg/kg.

VOC samples analyzed by USEPA SW846 Method 8260B.

GRO/DRO samples analyzed by WDNR Methods.

Bold values = detected concentrations meet or exceed the NR720 Residual Contaminant Levels or NR746 Soil Screening Levels

*Residual Contaminant Level for naphthalene is most stringent level from WDNR Publication RR-519-97, *Soil Cleanup Levels for PAHs Interim Guidance*, dated April 1997

NE = Objective not established for this compound, NA = Parameter not analyzed, ND = Compound(s) not detected above detection limit

TABLE 1C (PIPING/DISPENSER SAMPLES - NOVEMBER 2008)
Soil Analytical Results - PVOCs, GRO and DRO

Former Shell Station/Proposed Walgreen Store #13065
245 E. Calumet Street, Chilton, Wisconsin
Bureau Veritas Project Number 99008-008311.04

COMPOUND	WDNR OBJECTIVES			SAMPLE LOCATION												
	NR 720 Residual Cont. Levels	NR 746 Table 1 Soil Screening Levels	NR 746 Table 2 Soil Screening Levels	P-1 (4.5')	P-2 (5')	P-3 (5')	P-4 (4')	P-5 (4.5')	P-6 (4.5')	P-7 (4')	P-8 (4')	D-1 (4.5')	D-2 (4.5')	D-3 (4.5')	D-4 (4')	D-5 (4')
				11/18/08	11/19/08	11/19/08	11/19/08	11/19/08	11/19/08	11/19/08	11/19/08	11/19/08	11/19/08	11/19/08	11/19/08	11/19/08
VOCs (mg/kg)																
Benzene	0.0055	8.5	1.1	<0.031	<0.033	14	<0.032	<0.039	<0.03	0.044	<0.036	<0.6	<0.03	0.41	0.069	0.041
Ethylbenzene	2.9	4.6	NE	<0.031	<0.033	48	<0.032	<0.039	<0.03	<0.037	<0.036	<0.6	<0.03	0.2	0.34	0.16
MTBE	NE	NE	NE	<0.031	<0.033	<0.64	<0.032	<0.039	<0.03	<0.037	<0.036	<0.6	<0.03	<0.034	<0.034	<0.03
Naphthalene	0.4*	2.7	NE	<0.061	<0.066	18	<0.063	<0.077	<0.06	<0.074	<0.072	2.1	<0.061	<0.068	1.9	0.22
Toluene	1.5	38	NE	<0.031	<0.033	180	<0.032	<0.039	<0.03	0.082	<0.036	<0.6	0.057	1.5	0.1	0.077
1,2,4-Trimethylbenzene	NE	83	NE	<0.031	<0.033	220	<0.032	<0.039	<0.03	<0.037	<0.036	5.0	0.066	0.36	6.1	0.31
1,3,5-Trimethylbenzene	NE	11	NE	<0.031	<0.033	72	<0.032	<0.039	<0.03	<0.037	<0.036	3.1	0.034	0.12	2.1	0.12
Total Xylenes	4.1	42	NE	<0.092	<0.099	250	<0.095	<0.12	<0.09	<0.11	<0.11	<1.8	0.11	1.0	5.4	0.27
GRO (mg/kg)	100	NE	NE	<6.1	<6.6	3,500	<6.3	<7.7	<6.0	<7.4	<7.2	750	<6.1	<6.8	60	12
DRO (mg/kg)	100	NE	NE	NA	NA	NA	<6.3	<5.9	<6.0	NA	NA	640	NA	NA	NA	NA

Notes:

mg/kg = Milligrams per kilogram or parts per million (ppm). All results reported in mg/kg.

VOC samples analyzed by USEPA SW846 Method 8260B.

GRO/DRO samples analyzed by WDNR Methods.

Bold values = detected concentrations meet or exceed the NR720 Residual Contaminant Levels or NR746 Soil Screening Levels

*Residual Contaminant Level for naphthalene is most stringent level from WDNR Publication RR-519-97 *Soil Cleanup Levels for PAHs Interim Guidance*, dated April 1997

NE = Objective not established for this compound, NA = Parameter not analyzed, ND = Compound(s) not detected above detection limit

TABLE 1D (EXCAVATION AREA SAMPLES - DECEMBER 2008/JANUARY 2009)
Soil Analytical Results - PVOCs, GRO and DRO

Former Shell Station/Proposed Walgreen Store #13065
245 E. Calumet Street, Chilton, Wisconsin
Bureau Veritas Project Number 99008-008311.04

COMPOUND	WDNR OBJECTIVES			SAMPLE LOCATION								
	NR 720 Residual Cont. Levels	NR 746 Table 1 Soil Screening Levels	NR 746 Table 2 Soil Screening Levels	EXD-1 (6')	EXD-2 (6')	EXD-3 (6')	EXD-4 (6')	EXD-5 (12')	EXD-6 (6')	EXD-7 (6')	EXD-8 (6')	EXD-9 (6')
				12/16/08	12/16/08	12/16/08	12/16/08	1/27/09	1/27/09	1/27/09	1/27/09	1/27/09
VOCs (mg/kg)												
Benzene	0.0055	8.5	1.1	<0.029	<0.031	<0.43	<0.038	<0.03	<0.029	<0.036	<0.057	<0.041
Ethylbenzene	2.9	4.6	NE	0.084	0.2	1.5	<0.038	0.055	<0.029	<0.036	<0.057	<0.041
MTBE	NE	NE	NE	<0.029	<0.031	<0.43	<0.038	<0.030	<0.029	<0.036	<0.057	<0.041
Naphthalene	0.4*	2.7	NE	0.29	1.7	6.5	<0.075	0.30	<0.058	<0.072	<0.11	<0.082
Toluene	1.5	38	NE	<0.029	<0.031	<0.43	<0.038	<0.030	<0.029	<0.036	<0.057	<0.041
1,2,4-Trimethylbenzene	NE	83	NE	0.098	0.77	2.7	0.047	0.079	<0.029	<0.036	<0.057	<0.041
1,3,5-Trimethylbenzene	NE	11	NE	<0.029	0.26	1.5	<0.038	<0.030	<0.029	<0.036	<0.057	<0.041
Total Xylenes	4.1	42	NE	<0.087	0.24	<1.3	<0.11	<0.091	<0.088	<0.11	<0.17	<0.12
GRO (mg/kg)	100	NE	NE	34	110	690	28	31	<5.8	<7.2	<11.0	<8.2
DRO (mg/kg)	100	NE	NE	80	310	1200	310	100	34	<6.0	<6.0	<5.8

Notes:

mg/kg = Milligrams per kilogram or parts per million (ppm). All results reported in mg/kg.

VOC samples analyzed by USEPA SW846 Method 8260B.

GRO/DRO samples analyzed by WDNR Methods.

Bold values = detected concentrations meet or exceed the NR720 Residual Contaminant Levels or NR746 Soil Screening Levels

*Residual Contaminant Level for naphthalene is most stringent level from WDNR Publication RR-519-97, *Soil Cleanup Levels for PAHs Interim Guidance*, dated April 1997

NE = Objective not established for this compound, NA = Parameter not analyzed, ND = Compound(s) not detected above detection limit