

SITE INVESTIGATION WORK PLAN

JULY 14, 2022

FORMER CHIPPEWA QUICK MART
WDNR BRRTS # 03-02-580226
WDNR FID #802025180
122 EAST BROADWAY
GLIDDEN, WI

Prepared for:
Dunlavy Pro LLC
77797 Hill Road, Glidden, WI 54527

Prepared by:



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1.0 INTRODUCTION

This Site Investigation Work Plan (SIWP) has been prepared by [CONDITION SERVICES LLC \(CSLLC\)](#) on behalf of Dunlavy Pro LLC. This SIWP summarizes the historical site use, prior assessments, and recent ownership history of the parcel described by Ashland County as Property ID 012002920000 (the Site). The purpose of the SIWP is to present the prior assessment findings and recommend additional assessment or closure actions.

2.0 SITE DESCRIPTION

The approximately 0.344-acre Site is located adjacent to the northeast corner of Ashland County Highway 13 and North Grant Street in Glidden, Wisconsin. (Appendix A, Figure 1). The Site is occupied by an approximately 2,240 square foot slab on grade, single-story, retail building. The remainder of the Site is asphalt and concrete paved with a dispenser canopy remaining. The underground storage tanks, dispensers and fuel lines have been removed from the Site.

The Site is located in downtown Glidden in an area of commercial and residential uses. The Site is bounded by:

East – An alley and residential beyond,
South - Highway 13 (East Broadway) with a former gas station (Glidden Foot Mart) and Dan's Mobil beyond,
West - North Grant Street and followed by a residence,
North – Bar/Restaurant

The ground surface of the Property resides at approximately 1527 feet above sea level. The Site is generally flat and tilts towards the west and south for surface water control. The Site vicinity slopes to the west and north toward the east fork of the Chippewa River that resides at an elevation of 1510 feet above mean sea level.

The current Site building was constructed in the late-1990s as the retail/store for the fuel station. The current building has only been used for retail convenience store uses since construction. Automotive maintenance has not been performed within the building. The Site was previously (pre-1939 to 1990s) developed with a mixed used two-story building that had commercial uses on the main floor and residential units on the second floor.

The current property owner Dunlavy Pro LLC has indicated that the planned future use of the Site is to use the existing building as a retail store with associated parking. Mr. Dunlavy intends to remove the dispenser island canopy without removing soil from the Property. Aside from adding signage and cosmetic changes to the building interior and exterior, other development at the Site is not planned at this time.

3.0 BACKGROUND INFORMATION

The Site was developed into a fueling station/convenience store since 1998. According to BRRTs on the Web, a report of a petroleum release was recorded for the Glidden Amoco Site in 2008. CSLLC obtained copies of the prior site reports from the BRRTs on the Web registry and through an information request to the WDNR. Copies of the prior reports and correspondences are attached as Appendix B. This section

provides a chronology of events and relevant data from prior reports.

- July/October/November 2008 - Phase II Subsurface Assessment and Site Investigation Results, Glidden Amoco, by Northern Environmental Technologies Incorporated (Northern Environmental) dated November 3, 2008. This report includes the results of a six boring (B100 -B600) Phase II subsurface assessment (July 2008) performed as part of a pre-acquisition due diligence program and the results of a follow-on Site Investigation performed in September and October 2008. The initial Phase II assessment identified Naphthalene in Boring B300 at a concentration of 1,660 micrograms per kilogram which was in excess of the Residual Contaminant Level (RCL)-Groundwater Pathway action level of 400 ug/kg published at that time. The follow-on Site Investigation included the advancement of 14 additional borings (B700-B2000) to further identify the extent of Naphthalene contamination identified in B300 at 6-8 feet below ground surface (bgs). Northern Environmental analyzed one sample from each of the additional 14 borings. PVOCs were detected in borings B900, B1000 and B1100 at concentrations above the Groundwater RCL. Although lower in concentration than B300, the soil samples analyzed from B900, B1000, and B1100 also contained Naphthalene levels in excess of the 2009 RCL-Groundwater Pathway action level. The B900 soil sample also contained notable concentrations of other PAHs including benzo(a)pyrene at a concentration of 5,700 ug/kg. Northern Environmental also completed groundwater monitoring from five temporary wells. Five groundwater samples were analyzed for VOCs which identified a benzene detection above the preventative action limit (PAL) for the off-site, upgradient, TW-1 temporary well sample. VOC compounds were not detected above PAL or Enforcement Standards action levels in the other temporary wells (TW-2 through TW-5). Northern Environmental collected two rounds of groundwater elevation data and calculated the groundwater flow direction to be northerly. Northern Technologies surmised that the identified contamination may likely be from an off-site source since the highest levels were detected at depths of 6-10 feet bgs which were in the saturated zone. Northern Technologies recommended Site closure.
- December 2008 – Letter from WDNR to Mr. Bob Prochnow of Glidden Amoco – The WDNR indicated in their letter that they did not agree with the site closure request made by Northern Environmental. The WDNR indicated that the area downgradient of the tank basin had not been assessed and the extent of shallow soil PAH contamination was not clearly identified.
- March 2009 – Additional Site Investigation Results, Glidden Amoco, 288 Grant Street, Glidden, Wisconsin, by Northern Environmental. This additional investigation was proposed by Northern Environmental. The scope of work was designed to further assess the extent of PAH contamination around borings B700 and B1900 and potential contamination downgradient of the tank system. Northern Environmental advanced five borings (B2100-B2500) on February 11, 2009. Borings B2100-B2400 were positioned laterally around borings B700 and B1900 to further define the extent of PAH contamination to the south and west. Soils samples from these four borings were collected from 2-4 feet bgs. Only benzo(a)pyrene exceeded the 2009 Non-Industrial RCL (8.8 ug/kg) in borings B2100 (60 ug/kg), B2200 (27.2 ug/kg), and B2400 (44 ug/kg). The 2022 Non-Industrial Direct Contact RCL for benzo(a)pyrene is 115 ug/kg. Northern Environmental indicated that benzo(a)pyrene was not a normal component of diesel or gasoline and suggested the source could have been the asphalt surface of the lot. The laboratory analysis of the soil sample collected from the 10–12-foot interval bgs in boring B2500 did not detect PVOCs or naphthalene above laboratory reporting limits.

The results of the groundwater monitoring in Boring B2500-TW6 did not detect PVOCs and naphthalene above laboratory reporting limits or PAL/ES. The groundwater elevation was measured

at 15-foot bgs.

Northern Environmental concluded that the PAH contamination in the shallow soil was relatively low and was capped by an impervious surface. Northern Environmental also concluded that the soil and groundwater testing performed in B2500 (which resides downgradient for the current tank basin) did not detect impacts confirms the tank system was not leaking. Northern Environmental did not recommend additional assessment and requested that the site be transferred to the Wisconsin Department of Commerce to be reviewed for closure. In April of 2009, the site was transferred to the Department of Commerce for closure. Northern Environmental submitted the required closure and continuing obligations information and the site was closed in June 2009.

The Site conditions identified in 2008 and 2009 were deemed sufficient for closure by the Department of Commerce. The Department of Commerce June 2, 2009 letter titled "Final Closure with Land Use Limitation to Address Direct Contact Risk" indicated that the Site does not pose a significant threat to human health and the environment as long as current and subsequent property owners maintain the barrier cap in accordance with the April 30, 2009 Pavement Cover Maintenance Plan. The purpose of the Pavement Cover Plan was to limit potential direct contact with the identified benzo(a)pyrene contamination identified in the southern portion of the Site. In 2009, the Non-Industrial Direct Contact RCL for benzo(a)pyrene was listed by Northern Environmental as 8.8 ug/kg. The 2022 Non-Industrial Direct Contact RCL for benzo(a)pyrene is 115 ug/kg and the GW RCL is 470 ug/kg. When compared to the current RCLs, only the concentration of benzo(a)pyrene detected in B900 (5700 ug/kg) would exceed either RCL.

- July, 2013 – The Site was transferred back to WDNR from the PECFA Program (formerly the Department of Commerce), apparently due to the property being tax forfeited. The WDNR placed a lien against the property in an amount to cover the cost of the UST removal. The Site was renamed Chippewa Quick Mart and was assigned a BRRTS # 03-02-552129.
- September 2017 – WDNR received a Tank System Site Assessment (TSSA) Part B form prepared by MSA Professional Services. The TSSA documents the sampling performed after the UST system was removed. The TSSA also states that the USTs, sumps and spill buckets appeared to be in good condition upon removal. The removal operation included the UST piping, four dispensers, a 1,000-gallon off-road diesel UST, one 2,000 gallon on-road diesel UST, one 4,000-gallon gasoline UST, and one 8,000-gallon gasoline UST. Post removal soil sampling was performed at a depth of one foot below the USTs and piping. The UST basin was excavated to a depth of 10-11 feet bgs and piping and dispensers were excavated to either two or four feet bgs.

A total of 14 bottom and 14 sidewall soil samples were collected and analyzed from the removal operation. Figure 2, 3 and 4 depict the sample locations. Analytical testing revealed detectable concentrations of PVOCs in bottom sample B-5 (10-foot depth), dispenser sample D-2 (four-foot depth), and sidewall sample S-5 (six-foot depth). Samples B-5, S-5 and D-2 were each collected from the southeastern corner of UST basin near the south end of the 1,000-gallon diesel UST and the north dispenser used for gasoline dispensing. This contamination was not identified during the former Glidden Amoco investigation. The detected concentrations of PVOCs exceeded their respective NR 720 Groundwater Pathway RCLs and require additional assessment.

4.0 PROPOSED ADDITIONAL INVESTIGATION

The full horizontal and vertical extent of PVOC soil contamination that was identified in 2017 is currently unknown. A potential for groundwater impacts and vapor intrusion should be assessed. The following scope of work includes soil, groundwater, and vapor/soil gas sampling.

4.1 Utility Locate

Upon approval of the workplan and prior to performing subsurface work, public and private utilities will be located by the selected driller. A push-probe type drilling method is proposed for this work.

4.2 Soil Sampling

Six soil borings will be advanced to a depth of 15 feet bgs at the Site. Borings GP-2, GP-3, and GP-4 will be advanced to the northeast, east and south of the identified contamination to further define the extent. One soil sample will be collected from the direct contact zone (0-4 feet bgs) and one will be collected from the interval below four feet that exhibits the highest PID reading. A total of eight soil samples will be analyzed for PVOCs plus naphthalene.

Soil samples recovered by the split spoon will be divided into two portions. One portion will be prepared for PVOC and Naphthalene laboratory analysis. The other portion will be placed into a clean one- quart zip-seal type bag. A headspace analysis will then be conducted on bagged soil.

Collected soil samples will be screened with a Mini-RAE photoionization detector (PID) equipped with a 10.6 eV lamp. The PID will be calibrated in instrument units for total organic vapors using an isobutylene standard. The portion of the soil sample to be screened will be placed in a zip-seal type bag and shaken vigorously to promote volatilization of the contaminant into the headspace of the bag. The sample will be allowed to rest for at least ten minutes and then shaken again before screening. When ambient temperatures are below 60 degrees F, soil samples are allowed to warm for a minimum of ten (10) minutes in a heated environment prior to headspace development. The zip-seal bag will be punctured with the PID probe and the resulting meter reading will be recorded.

4.3 Groundwater Sampling

Four soil borings will be advanced to encounter groundwater which is expected to be approximately 15 feet bgs. Borings GP-1, GP-3, GP-5, and GP-6 will be advanced in locations to assess if groundwater has been impacted. GP-1 is located in an on-site and upgradient location from the zone of PVOC contamination. GP-3 is located in a cross-gradient location and GP-5 and GP-6 are located in down-gradient positions with respect to the previously identified northerly groundwater flow direction. GP-1, GP-5, and GP-6 will be blind drilled to encounter groundwater and soil samples will not be collected. A total of four borehole groundwater samples will be analyzed for VOCs.

Groundwater samples will be collected via polyethylene tubing that is inserted into the probe boring. Groundwater will be extracted through the polyethylene tubing equipped with a check valve. Retained samples are then placed into laboratory prepared containers and stored in an iced cooler.

4.4 Soil Gas and Sub-Slab Vapor Sampling

Two active soil gas samples are proposed between the area of contamination and the adjacent east and northeast residential homes. A third soil gas sample is proposed north of the area of contamination toward the adjacent commercial business property. Soil gas samples are not proposed to the south or west. Soil gas samples will be collected in 1-liter batch certified Summa canisters equipped with a 200 milliliter per minute regulator.

Two sub-slab vapor samples are proposed inside the existing approximately 3,100 square foot building. The sample locations will be selected to avoid footings, obstructions, and utilities. A vapor pin/water dam sampling method will be used to collect samples through a 5/8-inch hole drilled through the concrete. A single-use, disposable, purge/sample manifold will be used to collect the samples through a vapor pin that is secured into the drilled hole with a silicone sleeve. Prior to sampling the purge/sample manifold will be attached to the vapor pin and tested for leaks. Upon passing the leak test, the manifold will be purged to load the manifold with sub-slab vapors prior to sample collection. A 1-liter batch certified Summa canister equipped with a 200 milliliter per minute regulator will be used to collect the vapor sample. The ending pressure (vacuum) in the canister at the completion of sampling will be approximately four pounds per square inch. Collected vapor samples will be analyzed for VOCs using method EPA TO-15 (full list).

4.5 Potential Impact to Nearby Receptors

Nearby land uses and potential receptors will be identified during the Site investigation. The location and type of buildings, underground utilities, water sources, and sensitive receptors will be documented.

4.6 Perfluoroalkyl and Polyfluoroalkyl Substances Sample Collection

The historical use of perfluoroalkyl and polyfluoroalkyl substances (PFAS) at the Site is not anticipated or documented. The Site was occupied by a building that supported commercial, retail and residential uses from at least 1939 until it was redeveloped into a fuel station/convenience store. Mr. Dunlavy and the Glidden Fire Chief (Johny Grage) were not aware of the use of fire-fighting foam at the Site. Mr. Grage recalled the former building was demolished using mechanical methods. Additionally, records of PFAS contamination in Ashland County are not recorded in the BRRTS On the Web GIS application. PFAS sampling is not proposed for the Site.

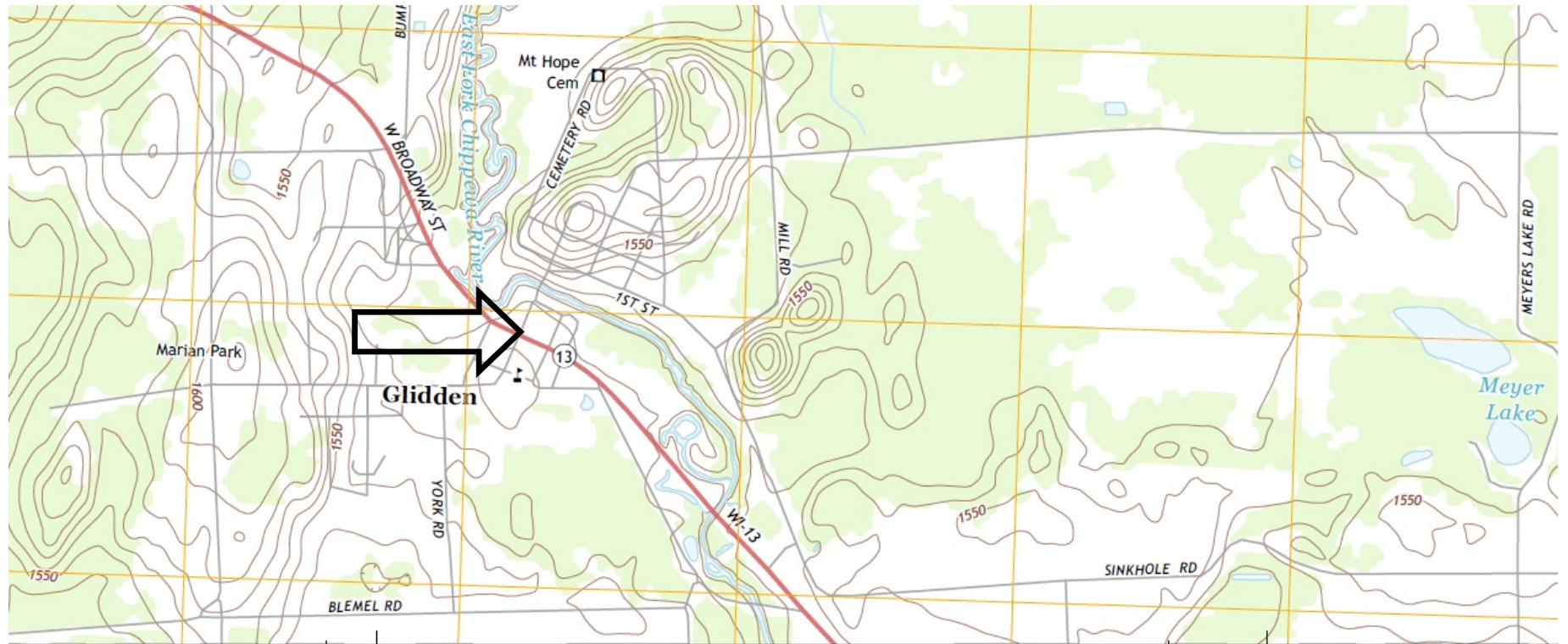
4.7 Report Preparation

After the receipt of the analytical data, a report will be prepared that presents the results of the site investigation. Field measurements, significant features, boring locations and analytical data will be summarized in tables and maps. The report will include a narrative of the site conditions, findings and recommendations. Boring logs, laboratory reports and photographs will be attached to the report.

5.0 IMPLEMENTATION SCHEDULE

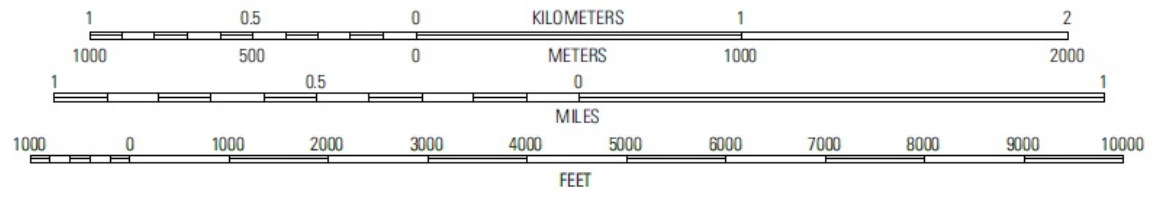
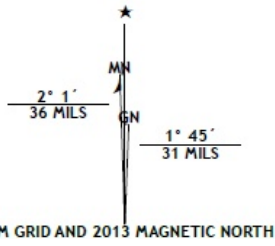
The proposed project scope will take approximately 8-12 weeks to complete and is dependent upon obtaining approval from WDNR and the availability of drillers.

APPENDIX A – Figures



686 1 820 000 FEET 35' 687 688 689 32' 30" 690

SCALE 1:24 000



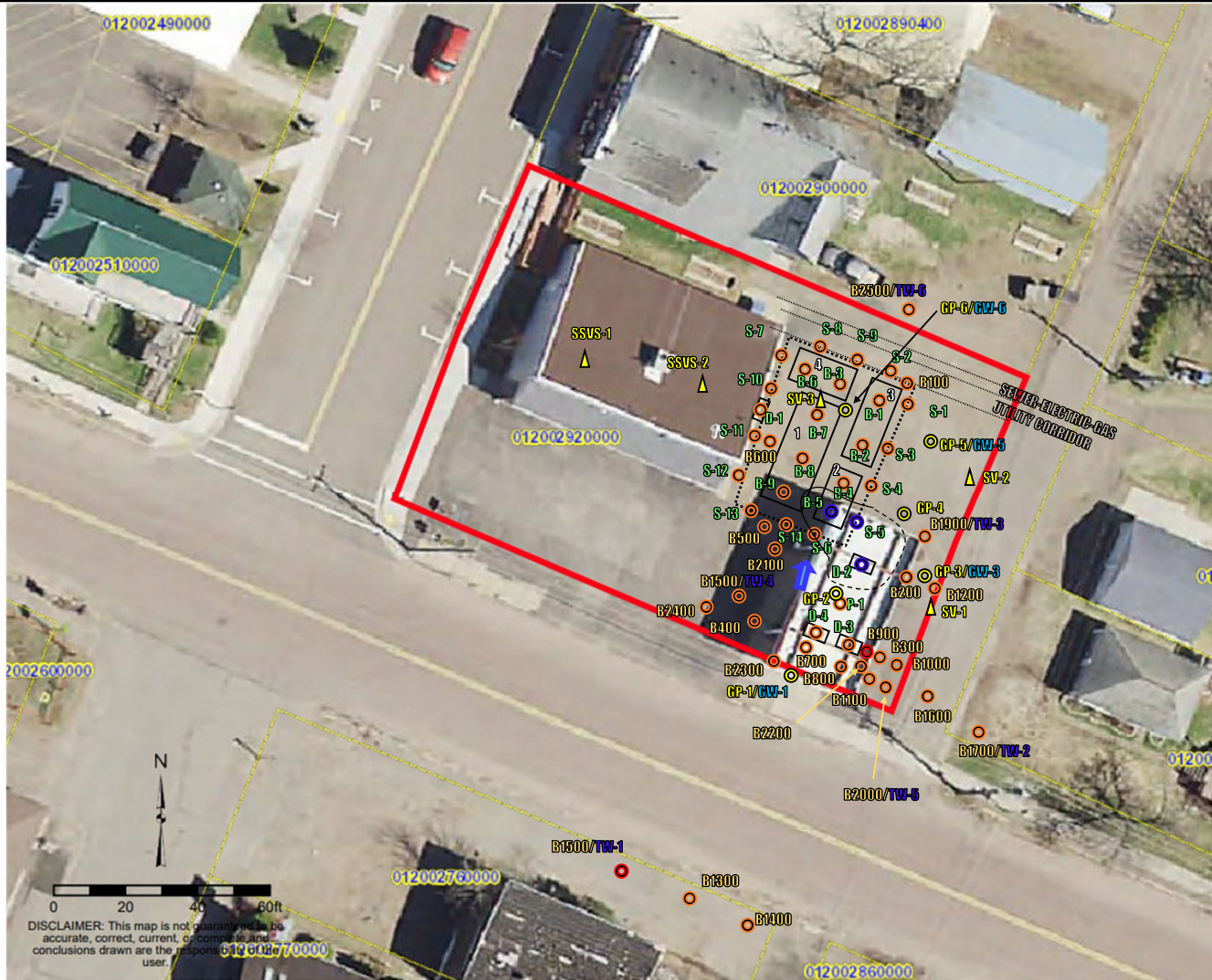
QUADRANGLE LOCATION



Wyoming, Minnesota
Phone 651-303-1124
www.conditionsservices.com

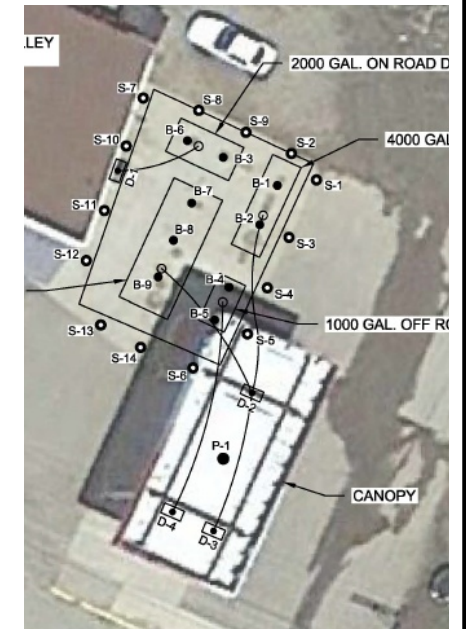


FIGURE 1 - SITE LOCATION
FORMER CHIPPEWA QUICK MART
122 EAST BROADWAY, GLIDDEN, WI
PROJECT NO. 2022-026
WDNR BRRTS ACTIVITY #03-02-580226



DISCLAIMER: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.

- 1 = REMOVED 8,000 GAL GAS UST
- 2 = REMOVED 1,000 GAL OFF-ROAD DIESEL UST
- 3 = REMOVED 4,000 GAL GAS UST
- 4 = REMOVED 2,000 GAL ON-ROAD DIESEL UST



2017 TANK SYSTEM SITE ASSESSMENT MAP BY MSA PROFESSIONAL SERVICES



Wyoming, Minnesota
Phone 651-303-1124 * www.conditionservices.com

- B1800** 2008-2009 GLIDDEN AMOCO SAMPLING LOCATIONS- NORTHERN ENVIRONMENTAL
- S-12** 2017 POST UST REMOVAL (TSSA) SAMPLE LOCATIONS - MSA PROFESSIONAL SERVICES
- SAMPLE/BORING LOCATION
- SOIL SAMPLE EXCEEDS 2022 DIRECT CONTACT and GW RCL FOR BENZO(A)PYRENE
- SOIL SAMPLE EXCEEDS 2022 GW RCL FOR PVOC
- ▲ PROPOSED SOIL VAPOR OR SUB-SLAB VAPOR SAMPLE LOCATION
- PROPOSED BORING LOCATION
- ↑ 2008/2009 GROUNDWATER FLOW DIRECTION - NNE
- - - EXTENT OF PVOC CONTAMINATION - DASHED LINE INDICATES ESTIMATED EXTENT



**FIGURE 2- SAMPLING LOCATIONS
FORMER CHIPPEWA MART
122 EAST BROADWAY
GLIDDEN, WI
PROJECT NO. 2022-026
DNR BRRTS ACTIVITY # 03-02-580226**

APPENDIX B – PRIOR REPORTS AND CORRESPONDENCES

Part B – To be completed by environmental professional

Submit original Part B to the WDNR along with a copy of Part A

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)

Site Name: Chippewa Quick Mart

Address: 122 E. Broadway, Glidden, WI 54527

Note: Site name and address must match with Part A Section 1.

To determine if a TSSA is required, see SPS 310 and section II part B of ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.

If a TSSA is required, then follow the procedures detailed in ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.

1. Site Information

a. Has there been a previously documented release at this site? Y N

If yes, provide the PECFA # _____, or DNR BRRT's # 03-02-552129.

b. Number of active tanks¹ at facility prior to completion of current services USTs 4 ASTs 0.

(NOTE 1: Do not include previously closed systems or system components.)

c. Excavation/trench dimensions (in feet). (Photos must be provided.)

EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
<u>Tank basin</u> Excavation	<u>40'</u>	<u>34'</u>	<u>10'</u> <u>Min</u>

2. Visual Excavation/Trench Inspection (Photos must be provided for "Yes" responses, except item b.)

Do any of the following conditions exist in or about the excavation(s)?

a. Stained soils: Y N b. Petroleum odor: Y N c. Water in excavation/trench: Y N

d. Free product in the excavation/trench: Y N e. Sheen or free product on water: Y N

3. Geology/Hydrogeology

a. Depth to groundwater N/A feet b. Indicate type of geology? S/SILT

(Note 2: Use these symbols individually or in combination as appropriate: C = Clay, SLT = Silt, S = Sand, Gr = Gravel)

4. Receptors

a. Water supply well(s) within 250 feet of the facility? Y N If yes, specify _____

b. Surface water(s) within 1000 feet of the facility? Y N If yes, specify East Fork Chippewa River, ~480' NW

5. Sampling

a. Follow the procedures detailed in ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.

b. Complete Tables 1 and 2 as appropriate. (Attach chain-of-custody and laboratory analytical reports.)

c. Attach a detailed map of site features and sample locations.

J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Tanks, sumps, and spill buckets appeared to be in good condition upon removal. One 1,000 gal off-road diesel, one 2000 gal. on-road diesel, one 4,000-gal gasoline, and one 8,000 gal gasoline tank were removed from the site, in addition to piping and 4 dispensers. No groundwater or other encumbrances were encountered during the tank removals.

TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)
		Grab	Shelby Tube	Direct Push	Split Spoon		
B-1	S - N Side 4000 gal gas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(1' pipe) 10' bgs	0.0
B-2	S - S side 4000 gal gas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 10' bgs	0.6
B-3	SM - E side 2000 gal di.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 10' bgs	0.0
B-4	S - N side 1000 gal di.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 10' bgs	0.4
B-5	SM - S side 1000 gal di.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 10' bgs	1642
B-6	SM - W side 2000 gal di.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 10' bgs	0.7
B-7	S - N side 8000 gal gas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 11' bgs	11.0
B-8	S - M side 8000 gal gas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 11' bgs	0.8
B-9	S - S side 8000 gal gas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 11' bgs	0.6
P-1	SM - piping trench	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 4' bgs	9.1
D-1	SM - section clrp. w/ tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 2' bgs	0.4
D-2	SM - N gas drip.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 4' bgs	330.8
D-3	SM - S gas drip.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 4' bgs	0.9
D-4	S - off address clrp	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" 4' bgs	0.0

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE	CHLORINATED SOLVENTS
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
B-1	<26.6	<266	<26.6	<53.2	<106.4	<79.8	<266	NA
B-2	<26.2	<262	<26.2	<52.5	<105.0	<78.7	<262	NA
B-3	<30.3	<303	<30.3	<60.6	<121.2	<90.9	<303	NA
B-4	<31.5	<315	<31.5	<63.1	<126.2	<94.6	<315	NA
B-5	254	981	338	<77.5	2,214	2,041	<388	NA
B-6	<36.3	<363	<36.3	<72.7	<145.4	<109.0	<363	NA
B-7	<26.7	<267	<26.7	<53.4	<106.8	<80.1	<267	NA
B-8	<26.2	<262	<26.2	<52.5	<105.0	<78.7	<262	NA
B-9	<29.6	<296	<29.6	<59.1	<118.2	<88.7	<296	NA
P-1	<28.2	<282	<28.2	<56.3	<112.6	<84.5	<282	NA
D-1	<27.4	<274	<27.4	<54.7	<109.4	<82.1	<274	NA
D-2	63.9	<298	<29.8	<59.5	<119.0	<89.3	<298	NA
D-3	<35.9	<359	<35.9	<71.7	<142.4	<107.6	<359	NA
D-4	<29.1	<291	<29.1	<58.1	<116.2	<87.2	<291	NA

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

- As a tank-system site assessor certified under Wis. Admin. Code section SPS 305.83, it is my opinion that there is no indication of a release of a regulated substance to the environment.
- Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section SPS 310.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter SPS 310 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of \$10 and a maximum of \$5000 for each violation under Wis. Stats. section 101.09 (5). Each day of continued violation and each tank are treated as separate offenses.

Erica Klingfus
Tank-System Site Assessor Name (print)

[Signature]
Tank-System Site Assessor Signature

467913
Certification Number #

(218) 499 3171
Tank-System Site Assessor Telephone Number

9/20/2017
Date Signed

MSA Professional Services
Company Name

TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)
		Grab	Shelby Tube	Direct Push	Split Spoon		
S-1	S-N side E Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2' (10' dgs)	0.0
S-2	S-E side N Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	0.8
S-3	S-NM E Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	15.7
S-4	S-SM E Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	65.4
S-5	S-S side E Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	116.86
S-6	SM-E side S Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	180.4
S-7	SM-N side W Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	0.3
S-8	S-WM N Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	0.0
S-9	S-EM N Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	0.0
S-10	S-NM W Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	35.7
S-11	S-SM W Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	0.1
S-12	S-S side W Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	0.3
S-13	S-W side S Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	8.8
S-14	S-M S Sidenall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	" "	10.1

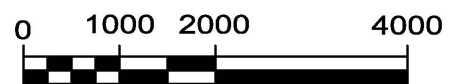
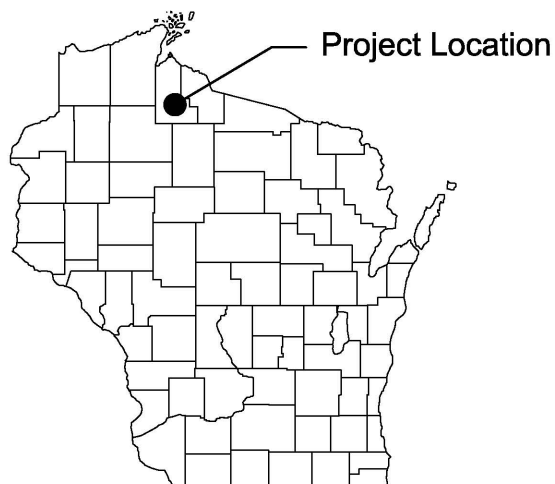
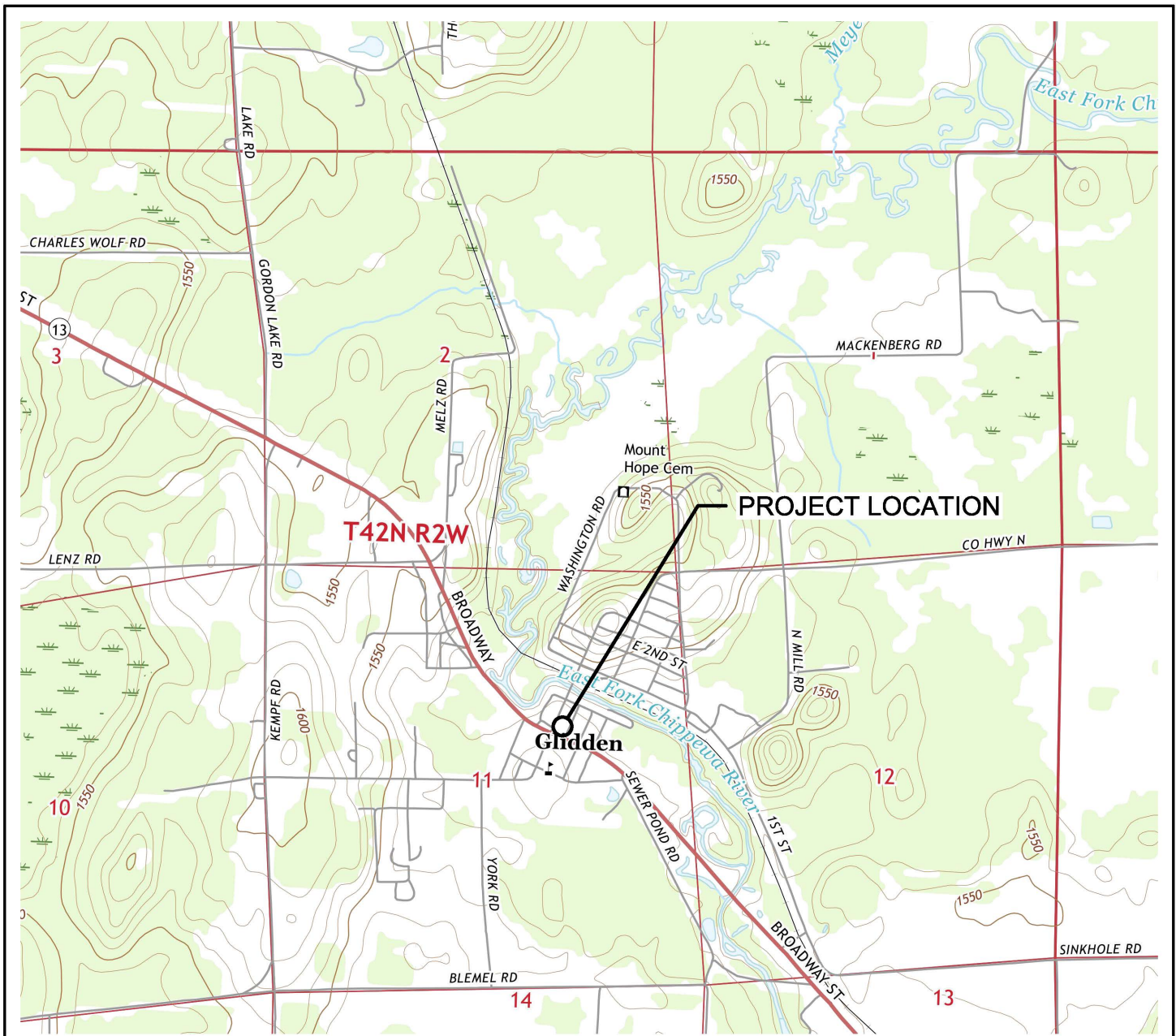
TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL-BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE	CHLORINATED SOLVENTS
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
S-1	<31.7	<317	<317	<63.3	<126.6	<95	<317	NA
S-2	<26.6	<266	<266	<53.3	<106.6	<79.9	<266	NA
S-3	<27.2	<272	<272	<54.5	<109	<81.7	<272	NA
S-4	<26.1	<261	<26.1	<52.2	<104.4	<78.3	<261	NA
S-5	217	2,500	1,570	85.3	8,260	8,570	<299	NA
S-6	<31.0	<310	<31.0	<62.0	<124.0	<93.0	<310	NA
S-7	<29.8	<298	<29.8	<59.6	<119.2	<89.4	<298	NA
S-8	<32.6	<326	<32.6	<65.2	<130.4	<97.8	<326	NA
S-9	<26.9	<269	<26.9	<53.9	<107.8	<80.8	<269	NA
S-10	<26.2	<262	<26.2	<52.4	<104.8	<78.6	<262	NA
S-11	<27.5	<275	<27.5	<55.0	<110.0	<82.5	<275	NA
S-12	<26.4	<264	<26.4	<52.9	<105.8	<79.3	<264	NA
S-13	<26.2	<262	<26.2	<52.3	<104.6	<78.5	<262	NA
S-14	<26.7	<267	<26.7	<53.5	<107.0	<80.2	<267	NA

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION • exceeds gw RCL

- As a tank-system site assessor certified under Wis. Admin. Code section SPS 305.83, it is my opinion that there is no indication of a release of a regulated substance to the environment.
- Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section SPS 310.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter SPS 310 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of \$10 and a maximum of \$5000 for each violation under Wis. Stats. section 101.09 (5). Each day of continued violation and each tank are treated as separate offenses.

Erica Klingas Tank-System Site Assessor Name (print)
  Tank-System Site Assessor Signature
 467913 Certification Number #
(218) 499 3171 Tank-System Site Assessor Telephone Number
 9/20/2017 Date Signed
 MSA Professional Services Company Name



Scale (Feet)

Glidden, WI Quadrangle
 Wisconsin - Ashland County
 7.5 Minute Series (Topographic)

Contour Interval 10 Feet
 2015



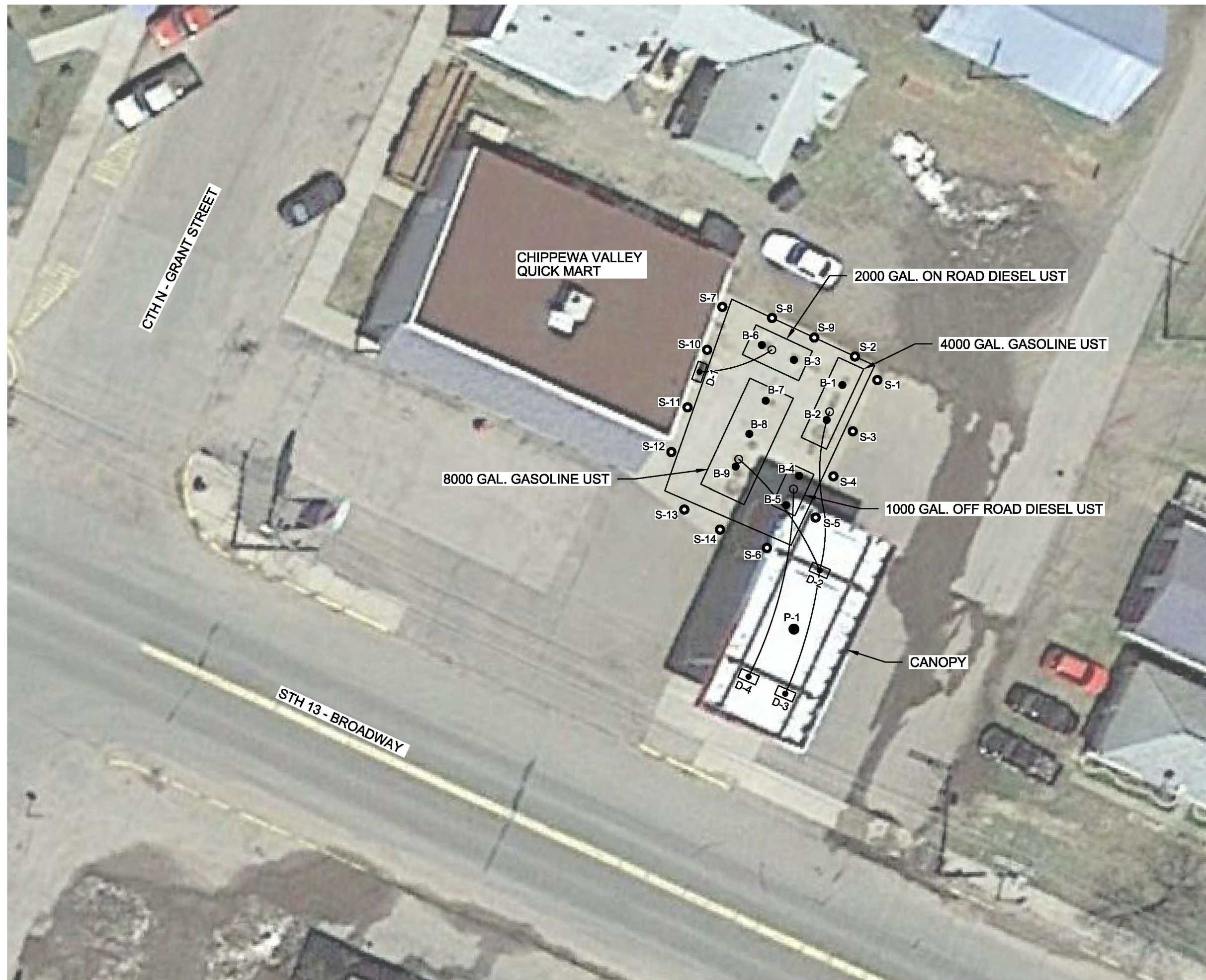
ARCHITECTURE | ENGINEERING | ENVIRONMENTAL
 FUNDING | PLANNING | SURVEYING
 332 W Superior Street #600 Duluth, MN 55802
 (218) 722-3915 (800) 777-7380
 www.msa-ps.com
 © MSA Professional Services, Inc.

Figure 1
 Site Location Map

CHIPPEWA QUICK MART
 122 E. BROADWAY
 GLIDDEN, WI

FILE NO.
 18764002

SHEET
 F1



LEGEND

- S-1 ● TANK SAMPLE LOCATION
- P-1 ● GEOPROBE BORING LOCATION
- B-1 ● BORING LOCATION
- D-1 □ FUEL DISPENSER

Figure 2
Site Plan View

CHIPPEWA QUICK MART
122 E. BROADWAY
GLIDDEN, WI



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© MSA Professional Services, Inc.

DRAWN BY	JAS	DATE	9/20/2017	SHEET NO.	F2
CHECKED BY	EAK	SCALE	1" = 20'	FILE NO.	18764002



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TTY: Contact Through Relay
Fax: (608) 267-1381
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

June 2, 2009

Bob Prochnow
PO Box 181
Glidden, WI 54527

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

Commerce # 54527-9999-88-A DNR BRRTS # 03-02-552129
Glidden Amoco, 288 Grant St, Glidden

Dear Mr. Prochnow:

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 barrier cap must be maintained in accordance with the submitted maintenance plan.

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 maintenance plan. In the future, you may request that Commerce review *new* information to determine if the cap requirement can be changed or removed.

The following activities are prohibited on any portion of the property where pavement, a building foundation, soil cover, engineered cap or other barrier is required, 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 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.

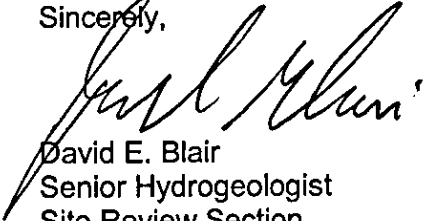
All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property 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.

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 (608) 261-2515.

Sincerely,

A handwritten signature in black ink, appearing to read "David E. Blair". The signature is written in a cursive style with a large initial "D".

David E. Blair
Senior Hydrogeologist
Site Review Section

cc: Hollie DePuydt, Bonestroo/Northern Environmental Technologies Inc

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 #:

03-02-552129

PARCEL ID #:

012-00292-0000

ACTIVITY NAME:

Glidden Amaco

WTM COORDINATES:

X:

475524

Y:

629216

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 location : local topography

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 layout : soil boring locations

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 #: 3

Title: Soil Contamination Contour Map

BRRTS #: 03-02-552129

ACTIVITY NAME: Glidden Amoco

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 #: Title:

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 #: 4 Title: Groundwater Flow 10-08-08

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 #: 2:3 Title: Soil Laboratory 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 #: 4 Title: Groundwater Analytical Results

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 #: 5 Title: Water level Data

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 #: D3-02-552129

ACTIVITY NAME: Glidden Amoco

NOTIFICATIONS

Source Property

- NA 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.
- NA 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.

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

PAVEMENT COVER MAINTENANCE PLAN

April 30, 2009

Property Located at:
Glidden Amoco
288 Grant Street
Glidden Wisconsin 54527

WDNR BRRTS #03-02-552129
Commerce #54527-9999-88

Lot Eight (8), Block Four (4), Frazer and McLean's Addition to the Village of Chippewa Crossing, now Village of Glidden, Town of Jacobs, Ashland County, Wisconsin

Tax ID #012-00292-0000

Introduction

This document is the Maintenance Plan for a pavement cover at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing paved surfaces occupying the area over the contaminated soil on-site. The contaminated soil is impacted by benzo(a)pyrene. The location of the paved surface to be maintained in accordance with this Maintenance Plan, as well as the impacted soil is identified in the attached map (Figure 3).

Cover and Building Barrier Purpose

The paved surface over the contaminated soil serves as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

Annual Inspection

The paved surfaces overlying the contaminated soil and as depicted in Figure 3 will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause exposure to underlying soils. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Exhibit B, Cap Inspection Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be available at the property for the Wisconsin Department of Commerce ("WDCOM") review, unless otherwise directed in the case closure letter.

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling operations or they can include larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers

of the direct contact exposure hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the paved surfaces overlying the contaminated soil are removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDCOM or its successor.

The property owner, in order to maintain the integrity of the paved surfaces, will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDCOM.

Contact Information April 2009

Site Owner and Operator: Mr. Bob Prochnow
Post Office Box 181
Glidden, Wisconsin 54527

Consultant: Bonestroo
330 4th Avenue South
Park Falls, Wisconsin 54552

WCOMM: Mr. David Blair
Post Office Box 8044
Madison, Wisconsin 53708

DAN'S MOBIL
 BRRTS#
 03-02-170209
 CLOSED
 12-12-07

GLIDDEN FOOD
 MART
 BRRTS#
 03-02-000979
 OPEN

GLIDDEN AMOCO
 BRRTS#
 03-02-552129
 OPEN

STATE HIGHWAY 13

GRANT STREET

R.O.W.

R.O.W.

B1500
 TW-1

B1300

B1400

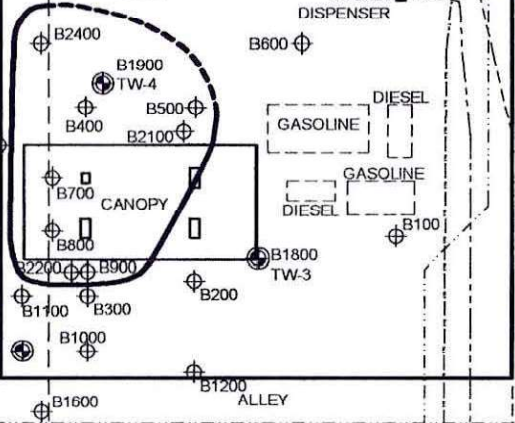
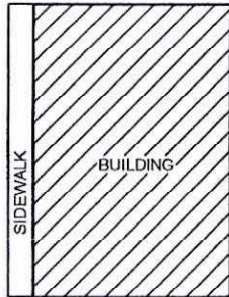
B2300

B2000
 TW-5

B1700
 TW-2

R.O.W.

R.O.W.



LEGEND:

- UNDERGROUND STORAGE TANK
- B400 SOIL BORING LOCATION
- B1500 TW-1 TEMPORARY WELL LOCATION
- APPROXIMATE PROPERTY LINE
- SANITARY SEWER LOCATION
- GAS LINE LOCATION
- WATER MAIN
- ELECTRIC LINE
- TELEPHONE LINE
- UTILITY POLE
- SOIL CONTAMINATION CONTOUR, DASHED WHERE INFERRED

SCALE IN FEET



Northern Environmental

Hydrologists • Engineers • Surveyors • Scientists

330 South 4th Avenue, Park Falls, Wisconsin 54552
 Phone: 800-498-3913 Fax: 715-762-1844

WISCONSIN MICHIGAN ILLINOIS IOWA

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**SOIL CONTAMINATION
 CONTOUR MAP**

GLIDDEN BP STATION
 HIGHWAY 13
 GLIDDEN, WI

Exhibit B
Barrier INSPECTION LOG

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



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TTY: Contact Through Relay
Fax: (608) 267-1381
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

May 12, 2009

Bob Prochnow
PO Box 181
Glidden, WI 54527

RE: **Case Closure Consideration with Proposed Land Use Limitation for Direct Contact Risk**
Commerce # 54527-9999-88-A DNR BRRTS # 03-02-552129
Glidden Amoco, 288 Grant St, Glidden

Dear Mr. Prochnow:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Northern Environmental Technologies Inc, for the site referenced above. It is understood that residual soil contamination remains on site. This letter serves as written notice that no further investigation or remedial action is necessary.

Please be aware that compliance with the requirements of this letter is a responsibility to which you, the current property owner 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 conditions included in this letter, including compliance with the referenced maintenance plan, are met.

Well Abandonment Requirements

All six monitoring wells 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. A final closure letter will be sent after the abandonment requirements have been met.

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 is maintained. Residual petroleum concentrations in soil exceeding standards for the protection of human health from direct contact with contaminated soil remain in the vicinity of the canopy covered dispenser islands (borings B700, B1900, B2100, B2200 and B2400). Therefore, the existing barrier cap must be maintained in accordance with the maintenance plan provided to prevent direct contact exposure to shallow contaminated soil. A site figure that indicates the approximate area with shallow residual petroleum contamination in soil and the barrier cap maintenance plan are enclosed for your review.

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 or maintenance plan 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 cap maintenance 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

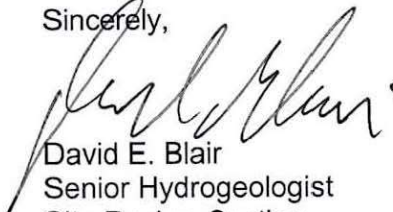
All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property 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 (608) 261-2515.

Sincerely,



David E. Blair
Senior Hydrogeologist
Site Review Section

Enclosure

cc: Hollie DePuydt, Bonestroo/Northern Environmental Technologies Inc

X266414

Document Number

STATE BAR OF WISCONSIN FORM 2 - 1998
WARRANTY DEED

REGISTER OF DEEDS OFFICE
ASHLAND COUNTY, WI
Received for Record
at 11:07 O'clock P.M. duly recorded in
Vol. 507 of Records on Page 938
SEP 28 1999
Karen M. Miller
REGISTER OF DEEDS

This Deed, made between MARK E. WILLMSEN and KAREN WILLMSEN, husband and wife, and each in his or her own right,
Grantor,
and GLIDDEN AMOCO LLC, a limited liability company organized and existing under the laws of the State of Wisconsin,
Grantee.

Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate in Ashland County, State of Wisconsin:

Lots Seven (7) and Eight (8), Block Four (4), Frazer and McLean's Addition to the Village of Chippewa Crossing, now Village of Glidden, Town of Jacobs, Ashland County, Wisconsin.

Recording Area
Name and Return Address
Surety 30493

12-291-0 & 12-292-0
Parcel Identification Number (PIN)

This is not homestead property.
(*) (is not)

TRANSFER
\$ 603.00
FEE

- Exceptions to warranties:
- 1) Subject to Ashland County Sanitary Code and Subdivision Control Ordinances;
 - 2) Subject to easements, exceptions, reservations and restrictions of record, if any; and
 - 3) Subject to flood plain zoning ordinances.

Dated this 22nd day of September, 1999.

(SEAL)
* _____
(SEAL)
* _____

Mark E. Willmsen (SEAL)
MARK E. WILLMSEN
Karen Willmsen (SEAL)
* KAREN WILLMSEN

AUTHENTICATION

ACKNOWLEDGMENT

Signature(s) _____
authenticated this _____ day of _____

State of Wisconsin, }
Price _____ County _____ } ss.
Personally came before me this 22nd day of September, 1999, the above named MARK E. WILLMSEN and KAREN WILLMSEN

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



_____ to
the person s _____ who executed the foregoing
Instrument and acknowledge the same.

THIS INSTRUMENT WAS DRAFTED BY
Dale E. Onchuck - ONCHUCK LAW OFFICE, S.C.

Dennis H. Mathison
Notary Public, State of Wisconsin
My commission is permanent. (If not, state expiration date:
6-29-03)

135 North Lake Ave., Phillips, WI 54555
(Signatures may be authenticated or acknowledged. Both are not necessary)

VOL 507 PG 938

Glidden Amoco

288 Grant Street, Glidden, Wisconsin
(Commerce# 54527-9999-88)
(WDNR# 03-02-552129)

I, Robert Prochnow (please print) hereby certify that the legal descriptions attached to this statement are complete and accurate for all of the properties within or partially within the contaminated site's boundaries that have groundwater contamination that exceeds ch. NR 140 enforcement standards and/or soil contamination that exceeds ch. NR 720 residual contaminant levels at the time closure is requested.

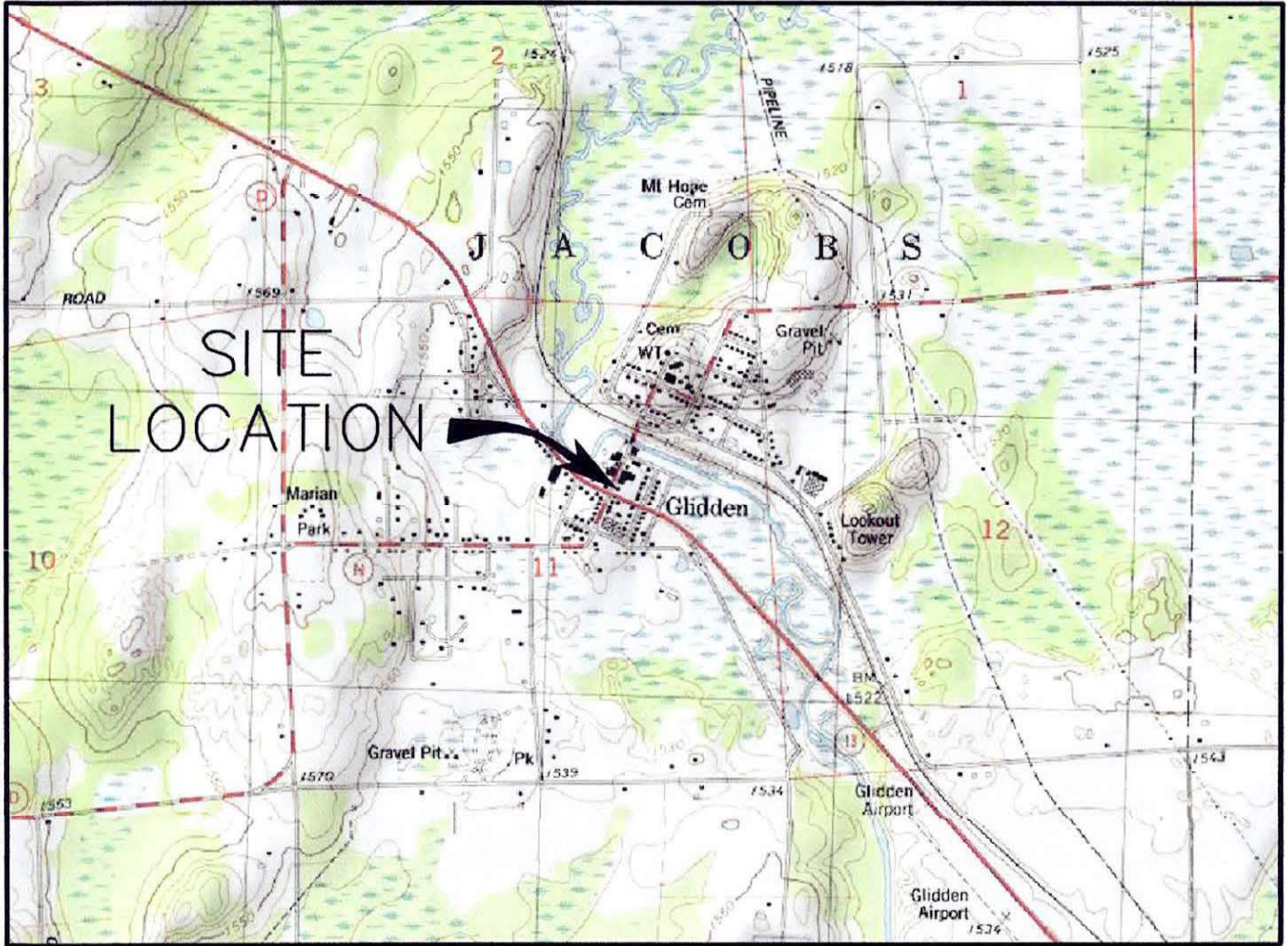
Signed by Responsible Party:

Rjn

Date:

5-1-09

Lot Eight (8), Block Four (4), Frazer and
McLean's Addition to the Village of Chippewa
Crossing, now Village of Glidden, Town of
Jacobs, Ashland County, Wisconsin



SCALE IN FEET

1" = 2000'



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



QUADRANGLE LOCATION

BASE MAP SOURCE: USGS 7.5 MINUTE QUADRANGLE, GLIDDEN, WISCONSIN, 1984 (NATIONAL GEOGRAPHIC HOLDINGS, INC.)

Northern Environmental SM

Hydrologists • Engineers • Surveyors • Scientists

330 South 4th Avenue, Park Falls, Wisconsin 54552
Phone: 800-498-3913 Fax: 715-762-1844

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

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SITE LOCATION & LOCAL TOPOGRAPHY

GLIDDEN BP STATION
HIGHWAY 13
GLIDDEN, WI

DATE: 07/24/08

DRAWN BY: NLB

TASK NUMBER: XXX

PROJECT NUMBER: 400-1264

FIGURE 1

DAN'S MOBIL
 BRRTS#
 03-02-170209
 CLOSED
 12-12-07

GLIDDEN FOOD
 MART
 BRRTS#
 03-02-000979
 OPEN

GLIDDEN AMOCO
 BRRTS#
 03-02-552129
 OPEN

GRANT STREET

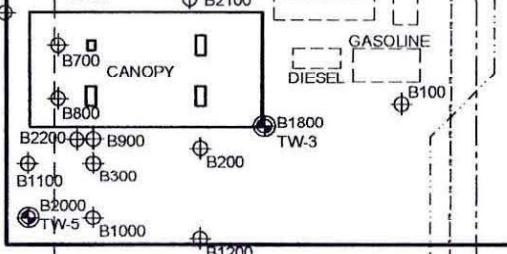
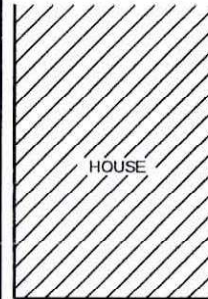
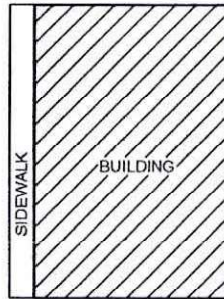
STATE HIGHWAY 13

R.O.W.

R.O.W.

R.O.W.

R.O.W.



LEGEND:

- UNDERGROUND STORAGE TANK
- B400 SOIL BORING LOCATION
- B1500 TW-1 TEMPORARY WELL LOCATION
- APPROXIMATE PROPERTY LINE
- SANITARY SEWER LOCATION
- GAS LINE LOCATION
- WATER MAIN
- ELECTRIC LINE
- TELEPHONE LINE
- UTILITY POLE

SCALE IN FEET



Northern Environmental

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WISCONSIN MICHIGAN ILLINOIS IOWA

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SITE LAYOUT & SOIL BORING LOCATIONS

GLIDDEN BP STATION
 HIGHWAY 13
 GLIDDEN, WI

DAN'S MOBIL
 BRRTS#
 03-02-170209
 CLOSED
 12-12-07

GLIDDEN FOOD
 MART
 BRRTS#
 03-02-000979
 OPEN

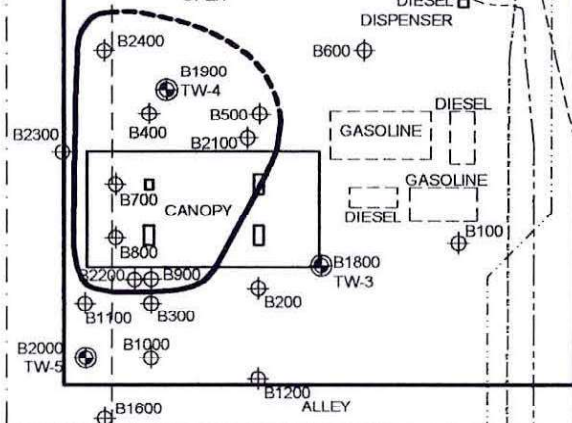
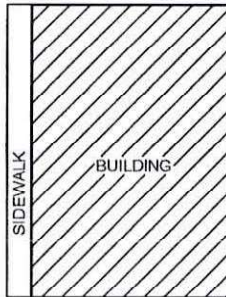
GLIDDEN AMOCO
 BRRTS#
 03-02-552129
 OPEN

R.O.W.

R.O.W.

GRANT STREET

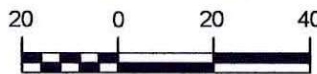
STATE HIGHWAY 13



LEGEND:

- UNDERGROUND STORAGE TANK
- B400 SOIL BORING LOCATION
- B150 TW-1 TEMPORARY WELL LOCATION
- APPROXIMATE PROPERTY LINE
- SANITARY SEWER LOCATION
- GAS LINE LOCATION
- WATER MAIN
- ELECTRIC LINE
- TELEPHONE LINE
- UTILITY POLE
- SOIL CONTAMINATION CONTOUR, DASHED WHERE INFERRED

SCALE IN FEET



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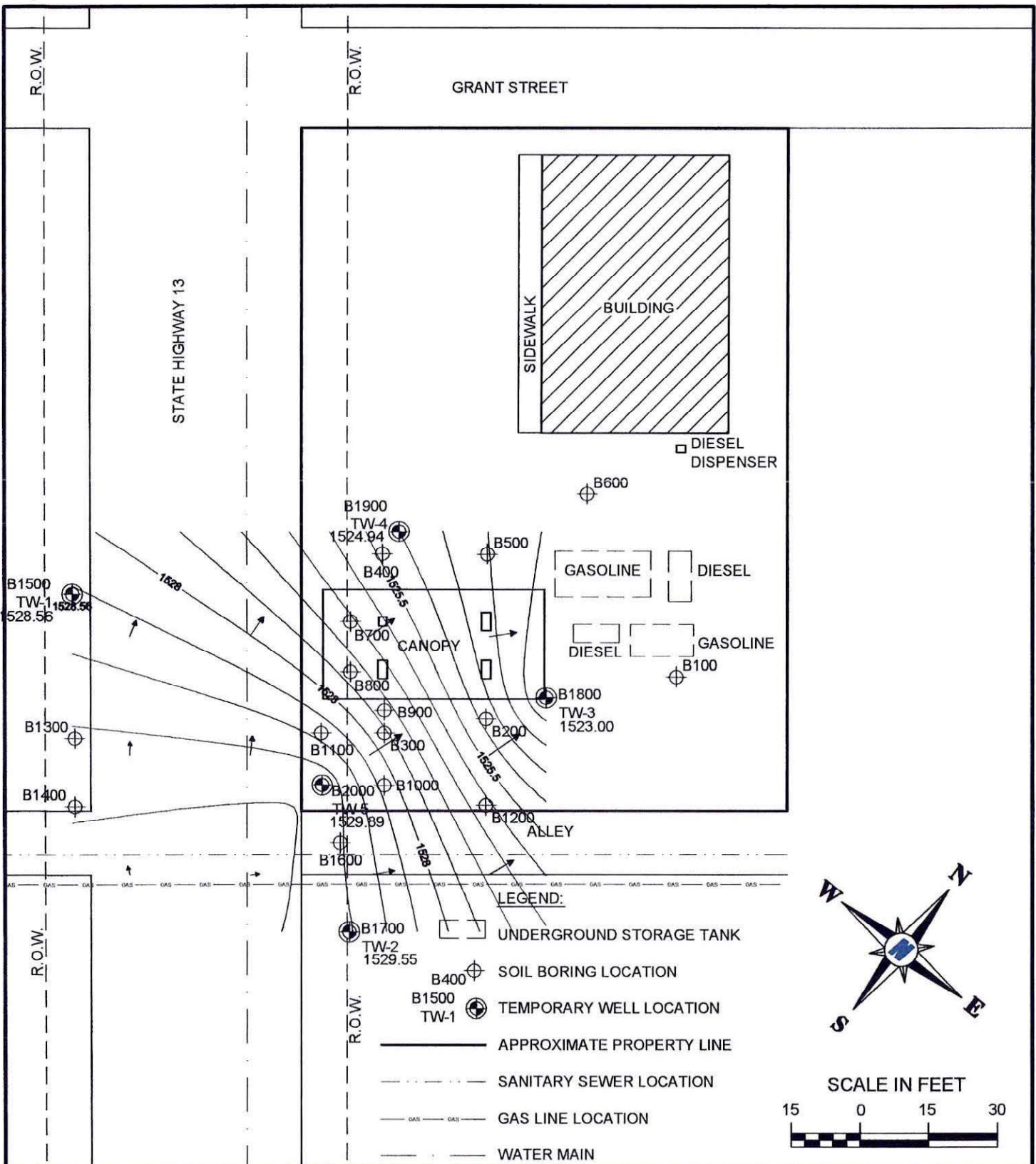
WISCONSIN MICHIGAN ILLINOIS IOWA

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**SOIL CONTAMINATION
 CONTOUR MAP**

GLIDDEN BP STATION
 HIGHWAY 13
 GLIDDEN, WI

DATE: 04/30/09	DRAWN BY: NLB	TASK NUMBER: XXX	PROJECT NUMBER: 400-1264	FIGURE 3
----------------	---------------	------------------	--------------------------	----------



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GROUNDWATER FLOW
10-08-08

GLIDDEN BP STATION
 HIGHWAY 13
 GLIDDEN, WI

DATE: 10/09/08	DRAWN BY: NLB	TASK NUMBER: XXX	PROJECT NUMBER: 400-1264	FIGURE 4
----------------	---------------	------------------	--------------------------	----------

Table 2, Soil Laboratory Analytical Results, Glidden Amoco, 288 Grant Street, Glidden, Wisconsin

Soil Boring	Sample Number	Sample Depth (feet)	PID Response (IUI)	Date Sampled	GRO (mg/kg)	Relevant and Significant VOC Analytical Results (µg/kg)							
						Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
NR720.09 Residual Contaminant Level					100	5.5	2,900	NE	NE	1,500	NE	NE	4,100
NR746.06 Table 1 Value					NE	8,500	4,600	NE	2,700	38,000	83,000	11,000	42,000
NR746.06 Table 2 Value					NE	1,100	NE	NE	NE	NE	NE	NE	NE
B100	S106	10-12	0	07/17/08	--	<25	<25	<25	<25	<25	<25	<25	<25
B200	S204	6-8	0	07/17/08	--	<25	<25	<25	<25	<25	<25	<25	<25
B300*	S304	6-8	34	07/17/08	--	<250	2880	<250	--	1260	23400	15200	12010
B400	S404	6-8	0	07/17/08	--	<25	<25	<25	<25	<25	<25	<25	<25
B500	S504	6-8	0	07/17/08	--	<25	<25	<25	<25	<25	<25	<25	<25
B600	S606	10-12	0	07/17/08	--	<25	<25	<25	<25	<25	<25	<25	<25
B700	S702	2-4	0	09/02/08	--	<25	<25	<25	--	<25	<25	<25	<25
	S705	8-10	0	09/02/08	--	<25	<25	<25	--	<25	<25	<25	<25
B800	S804	6-8	1	09/02/08	--	<25	<25	<25	--	28.6	<25	<25	<25
B900*	S904	6-8	2	09/02/08	--	29.5	57	<25	--	74	<25	30.6	<25
B1000*	S1005	8-10	186	09/02/08	138	41	5100	<25	--	1090	12500	6600	11610
B1100*	S1104	6-8	12	09/02/08	--	257	3300	<25	--	1620	11200	4600	16600
B1200	S1205	8-10	8	09/02/08	--	<25	<25	<25	--	<25	<25	<25	<25
B1300	S1304	6-8	0	09/02/08	--	<25	<25	<25	--	<25	<25	<25	282
B1400*	S1404	6-8	0	09/02/08	--	<25	108	<25	--	117	<25	96	255
B1500	S1503	4-6	1	10/01/08	--	<25	<25	<25	--	26.4	<25	<25	<25
B1600*	S1605	8-10	9	10/01/08	--	<25	<25	<25	--	<25	<25	<25	<25
B1700	S1702	2-4	77	10/01/08	--	<25	<25	<25	--	<25	<25	<25	<25
B1900	S1902	2-4	0	10/01/08	--	<25	<25	<25	--	<25	<25	<25	<25
B2000	S2002	2-4	78	10/01/08	--	<25	<25	<25	--	<25	<25	<25	<25
B2500	S2506	10-12	0	02/11/09	--	<25	<25	<25	<25	<25	<25	<25	<25

Key:

- GRO = Gasoline Range Organics
 MTBE = Methyl-tertiary-butyl-ether
 < X = Not detected above Laboratory Limit of Detection (LOD) of X.
 fbg = Feet Below Grade
 mg/kg = milligrams per kilogram
 µg/kg = micrograms per kilogram
 -- = Not Analyzed

- J = Analyte detected between the Limit of Detection and the Limit of Quantitation
 VOC = Volatile Organic Compound
 PAH = Polynuclear Aromatic Hydrocarbons
 NE = Not Established by Wisconsin Administrative Code (Wis. Adm. Code)
 100 = Exceeds Chapter NR 720.09 Wis. Adm. Code Residual Contaminant Level
 XXX = Exceeds Chapter NR 746.06 Wis. Adm. Code Table 1 Values
 XXX = Exceeds Chapter NR 746.06 Wis. Adm. Code Table 2 Values
 * = Soil sample taken at or below historic measured high water table

Table 3, Soil PAH Laboratory Analytical Results, Glidden Amoco, 288 Grant Street, Glidden, Wisconsin

Soil Boring	Sample Number	Sample Depth (feet)	PID Response (inj)	Date Sampled	Relevant and Significant PAH Analytical Results (µg/kg)																	
					Acenaphthene	Acenaphthylene	Anthracene	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(K)Fluoranthene	Benzo(E)Pyrene	Benzo(F)Fluoranthene	Chrysene	Dibenz(A,H)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-CD)Pyrene	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	Phenanthrene
Residual Contaminant Level Groundwater Pathway					38,000	700	3,000,000	17,000	48,000	360,000	6,800,000	870,000	37,000	38,000	500,000	100,000	680,000	23,000	20,000	400	1,800	8,700,000
Residual Contaminant Level Direct Contact Pathway-Non-Industrial					900,000	18,000	5,000,000	88	8.8	88	1,800	880	8,800	8.8	600,000	600,000	88	1,100,000	600,000	20,000	18,000	50,000
B100	S106	10-12	0	07/17/08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
B200	S204	6-8	0	07/17/08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
B300*	S304	6-8	34	07/17/08	<13	<14	<8.8	18.6**	10.4**	14.7**	<12	<11	14.5**	<9.7	26.6**	<12	<9.9	1470	2930	1660	23.2**	24.9**
B400	S404	6-8	0	07/17/08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
B500	S504	6-8	0	07/17/08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
B600	S606	10-12	8	07/17/08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
B700	S702	2-4	0	09/02/08	<13	29**	21.6**	75	86	119	72	41	104	13.8**	180	<12	70	<12	<9.4	<12	126	185
	S705	8-10	0	09/02/08	<13	<14	<8.8	<10	<7.7	<11	<12	<11	<6.8	<9.7	<11	<12	<9.9	<12	<9.4	<12	<9.4	<9.9
B800	S804	6-8	1	09/02/08	<13	<14	<8.8	<10	<7.7	<11	<12	<11	<6.8	<9.7	<11	<12	<9.9	<12	<9.4	<12	<9.4	<9.9
B900*	S904	6-8	2	09/02/08	2390	<70	4100	7200	5780	7300	3030	2620	7200	920	16800	1950	3500	254	410	820	13600	13600
B1000*	S1005	8-10	186	09/02/08	<13	<14	<8.8	24.9**	13.6**	21.3**	<12	<11	15.5**	<9.7	21.2**	<12	13.8**	234	460	1160	22**	25.9**
B1100*	S1104	6-8	12	09/02/08	<13	35**	<8.8	42	<7.7	16.2**	<12	<11	9.4**	<9.7	123	99	10.4**	68	146	1130	10.8**	10.2**
B1200	S1205	8-10	8	09/02/08	<13	<14	<8.8	<10	<7.7	<11	<12	<11	<6.8	<9.7	<11	<12	<9.9	<12	<9.4	<12	<9.4	<9.9
B1300	S1304	6-8	0	09/02/08	<13	<14	<8.8	30.1**	<7.7	<11	<12	<11	<6.8	<9.7	<11	13.2**	11.3**	<12	<9.4	15.9**	11.4**	<9.9
B1400*	S1404	6-8	0	09/02/08	13.7**	<14	<8.8	19**	13.3**	15.8**	12.5**	<11	9.1**	<9.7	<11	14.6**	<9.9	<12	<9.4	21.5**	9.7**	18.2**
B1900	S1902	2-4	0	10/01/08	<13	<14	<8.8	32**	27	35**	19.9**	12.1**	27.7	<9.7	49	<12	20.1**	<12	<9.4	<12	27.6**	52
B2100	S2102	2-4	0	02/11/09	<13	25.7**	23.3**	56	60	80	46	37	67	<9.7	150	<12	38	<12	9.7**	<12	78	124
B2200	S2202	2-4	0	02/11/09	13.5**	23.7**	<8.8	24.3**	27.2	49	32**	21.3**	31.1	<9.7	37	<12	23.3**	<12	<9.4	<12	15.3**	37
B2300	S2302	2-4	0	02/11/09	<13	<14	<8.8	<15	<7.7	<11	<12	<11	<6.8	<9.7	<11	<12	<9.9	<12	<9.4	<12	<9.4	<9.9
B2400	S2402	2-4	0	02/11/09	<13	<14	23.1**	48**	44	62	33**	26.9**	55	<9.7	131	<12	27.6**	<12	<9.4	<12	75	111

Key:
 PAH = Polycyclic Aromatic Hydrocarbons
 < X = Not detected above Laboratory Limit of Detection (LOD) of X.
 µg/kg = micrograms per kilogram
 * = Soil sample taken at or below historic measured high water table

** = Analyte detected between the Limit of Detection and the Limit of Quantitation
 NE = Not Established by Wisconsin Administrative Code (Wis. Adm. Code)
 XXX = Exceeds Residual Contaminant Level Groundwater Pathway
 XXXX = Exceeds Residual Contaminant Level Direct Contact Pathway-Non-Industrial

Table 4 Groundwater Analytical Results, Glidden Amoco, 288 Grant Street, Glidden, Wisconsin

Well ID	Screened Interval (fbg)	Date Sampled	Water Table Elevation (msl)	Relevant and Significant VOC Analytical Results (µg/l)							
				Benzene	1,4-Dichlorobenzene	Ethylbenzene	MTBE	Naphthalene	Toluene	Trimethylbenzene	Xylenes
NR 140 Preventive Action Limit (µg/l)				0.5	15	140	12	8	200	96	1,000
NR 140 Enforcement Standard (µg/l)				5	75	700	60	40	1,000	480	10,000
TW-1	3-13	10/01/08	1528.63	1.38	<0.74	0.49*J	<0.7	<1.8	<0.39	2.62*J	4.93*J
TW-2	3-13	10/01/08	1529.45	<0.24	<0.74	<0.35	<0.7	<1.8	<0.39	<0.74	<1.67
TW-3	6-16	10/01/08	1522.92	<0.24	<0.74	<0.35	<0.7	<1.8	<0.39	<0.74	<1.67
TW-4	3-13	10/01/08	1525.03	<0.24	<0.74	<0.35	<0.7	<1.8	<0.39	<0.74	<1.67
TW-5	3-13	10/01/08	1526.34	<0.24	1.17*J	<0.35	<0.7	<1.8	<0.39	<0.74	<1.67
TW-6	8-18	02/20/09	--	<0.45	--	<0.76	<0.42	<1.4	<0.53	<1.13	<1.58

Key:

- VOC = Volatile Organic Compound
- µg/l = micrograms per liter
- NE = Not Established by Wis. Adm. Code
- MTBE = Methyl-Tertiary-Burty-Ether
- < X = Not detected above Laboratory Limit of Detection (LOD) of X.
- J = Analyte detected between Limit of Detection and Limit of Quantitation
- = Not Analyzed
- 32 = NR 140 Preventive Action Limit Exceeded
- 32 = NR 140 Enforcement Standard Exceeded
- msl = Mean sea level
- fbg = Feet below grade

Table 5, Water Level Data, Glidden Amoco, 288 Grant Street, Glidden, Wisconsin

Well I.D.	Ground Surface Elevation (msl)	Reference Point Elevation (msl)	Top / Bottom Well Screen Elevation (msl or fbg)	Date	Depth to Water (feet)		Water Table Elevation (feet)
					Below Riser	Below Grade	
TW-1		1535.56		10/01/08	6.93	---	1528.63
				10/08/08	7.00	---	1528.56
TW-2		1534.95		10/01/08	5.50	---	1529.45
				10/08/08	5.40	---	1529.55
TW-3		1537.22		10/01/08	14.30	---	1522.92
				10/08/08	14.22	---	1523.00
TW-4		1536		10/01/08	10.97	---	1525.03
				10/08/08	11.06	---	1524.94
TW-5		1534.97		10/01/08	8.63	---	1526.34
				10/08/08	5.08	---	1529.89
TW-6				02/20/09	15.34	---	

Key:
 * = Well Screen Submerged
 msl = Mean Sea Level
 fbg = Feet Below Grade
 --- = Not Collected

Note: 1) Bechmark is top of ground at TW-2
 2) Reference Point is the top of the PVC risers

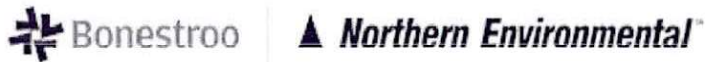
DePuydt, Hollie M.

From: DePuydt, Hollie M.
Sent: Thursday, April 30, 2009 2:57 PM
To: (sharlene.tebeest@dot.state.wi.us)
Subject: Highway 13 ROW Notification
Attachments: contaminationrw.doc; 09_0430 FIGURE 3.pdf

See attached for Highway 13 ROW notification

Hollie M. DePuydt

Tel 715-762-1544
hollie.depuydt@bonestroo.com



330 4th Avenue S
Park Falls, WI 54552
Tel 715-762-1544
Fax 715-762-1844
www.bonestroo.com
www.northernenvironmental.com

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offering comprehensive services in engineering, planning, and environmental science.

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DAN'S MOBIL
BRRTS#
03-02-170209
CLOSED
12-12-07

GLIDDEN FOOD
MART
BRRTS#
03-02-000979
OPEN

GLIDDEN AMOCO
BRRTS#
03-02-552129
OPEN

B1500
TW-1

B1300

B1400

B2300

B2400

B1900
TW-4

B400

B500

B2100

B700

B800

B2200

B900

B1100

B300

B200

B2000
TW-5

B1000

B1600

B1200

B600

B2500
TW-6

B1800
TW-3

B100

B1700
TW-2

GRANT STREET

STATE HIGHWAY 13

SIDEWALK

CLEAN OUT

BUILDING

HOUSE

DIESEL
DISPENSER

DIESEL

GASOLINE

DIESEL

GASOLINE

CANOPY

ALLEY



LEGEND:

- UNDERGROUND STORAGE TANK
- B400 SOIL BORING LOCATION
- B1500 TW-1 TEMPORARY WELL LOCATION
- APPROXIMATE PROPERTY LINE
- SANITARY SEWER LOCATION
- GAS LINE LOCATION
- WATER MAIN
- ELECTRIC LINE
- TELEPHONE LINE
- UTILITY POLE
- SOIL CONTAMINATION CONTOUR, DASHED WHERE INFERRED

SCALE IN FEET



Northern Environmental

Hydrologists • Engineers • Surveyors • Scientists

330 South 4th Avenue, Park Falls, Wisconsin 54552
Phone: 800-498-3913 Fax: 715-762-1844

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

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**SOIL CONTAMINATION
CONTOUR MAP**

GLIDDEN BP STATION
HIGHWAY 13
GLIDDEN, WI

Notification of Contamination within the Right of Way

County: Ashland

Highway: 13

Site Name: Glidden Amoco

Site Address: 288 Grant Street, Glidden

BRRTS Number: 03-02-552129

PECFA Number: 54527-9999-88

FID Number: none

Owner's Name: Bob Prochnow

Owner's Address: PO Box 181, Glidden, Wisconsin 54527

Consulting Firm: Bonestroo

Consultant Contact: Hollie DePuydt

Consultant Address: 330 4th Avenue South

Consultant Phone, Fax and E-mail: 715-762-1544, 715-762-1844,
hollie.depuydt@bonestroo.com

Soil contamination? Yes

Depth to contaminated soil: 2 feet below grade

Vertical extent of contaminated soil: (e.g. from 2 feet to 4 feet below ground surface)

Groundwater contamination? no

Depth to water table:

Describe the type(s) of contamination present. Benzo(a)pyrene

Brief summary of cleanup activity: remedial action in the form of a cap maintenance plan

Attach a current plume map for groundwater contamination

Attach a current plume map for soil contamination