

**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 tanks<sup>1</sup> 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> <del>Excavation</del>	<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 corp. water 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 road diesel drip	<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' (16" 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**

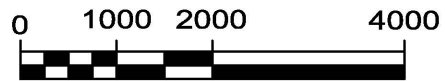
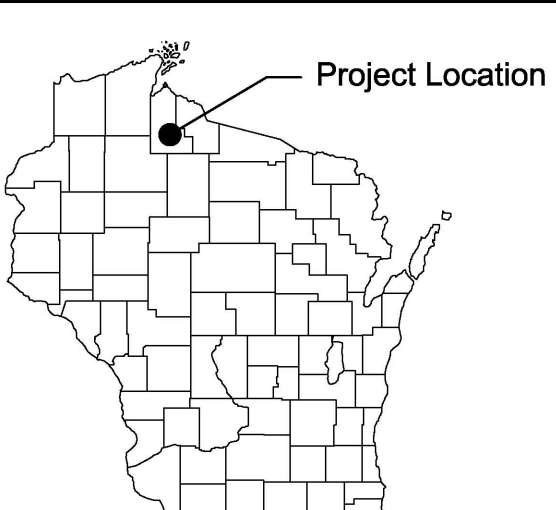
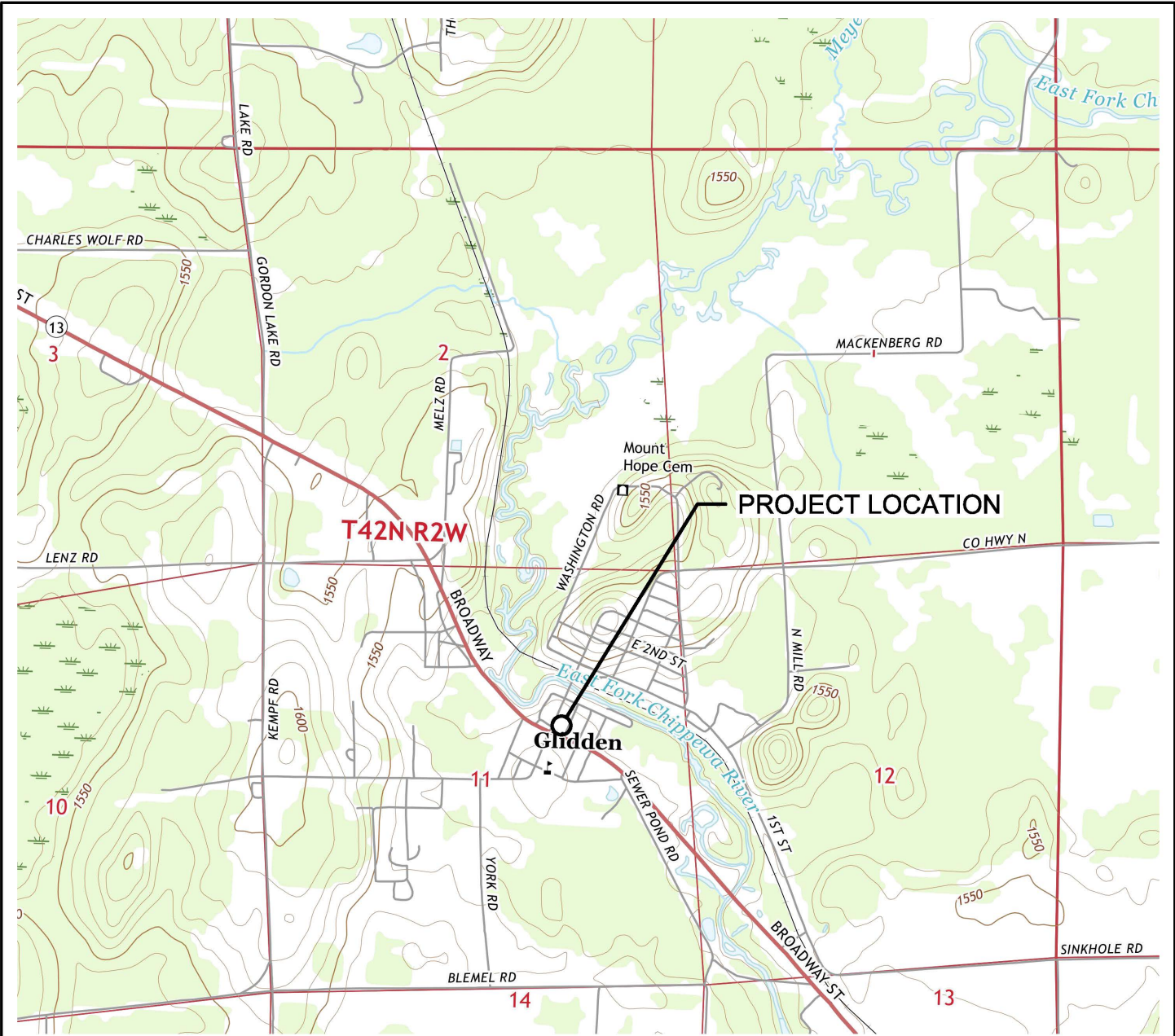
Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL-BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE	CHLORINATED SOLVENTS
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
S-1	<31.7	<317	<317	<63.3	<126.6	<95	<317	NA
S-2	<26.6	<266	<266	<53.3	<106.6	<79.9	<266	NA
S-3	<27.2	<272	<272	<54.5	<109	<81.7	<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

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 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

File Name: F:\18764002\Figures\18764002\Environmental\Figure1\18764002\_Figures.dwg

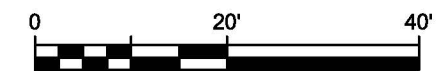
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Figure 1  
 Site Location Map

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