State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1300 W. Clairemont Ave.
Eau Claire WI 54701

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

July 31, 2019

Mr. & Mrs. Thomas and Renee Mortenson
W4109 STH 73
Neillsville, WI 54456

Subject: Final Case Closure with Continuing Obligations
Shortville Store Former, W4109 STH 73, Neillsville, WI
DNR BRRTS Activity #: 03-10-000581

Dear Mr. and Mrs. Mortenson:

The Department of Natural Resources (DNR) considers the former Shortville Store site closed, with continuing obligations. No further investigation or remediation is required at this time. However, you, future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents or leases this property from you. For residential property transactions, you may be required to make disclosures under s. 709.02, Wis. Stats. Certain continuing obligations also apply to affected property owners or rights-of-way holders. These are identified within each continuing obligation.

This final closure decision is based on the correspondence and data provided and is issued under chs. NR 726 and 727, Wis. Adm. Code. The West Central Region Closure Committee reviewed the request for closure on March 8, 2019. The Closure Committee reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. A request for remaining actions needed was issued by the DNR on April 5, 2019, and documentation that the conditions in that letter were met was received on June 18, 2019.

Contamination at the property was caused by the presence of underground storage tanks and activities associated with operating a fuel station. The conditions of closure and continuing obligations required were based on the property being used for residential purposes.

Continuing Obligations

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

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.

The DNR fact sheet "Continuing Obligations for Environmental Protection," RR-819, helps to explain a property owner's responsibility for continuing obligations on their property. The fact sheet may be obtained online at dnr.wi.gov and search "RR-819".

DNR Database

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) online at dnr.wi.gov and search "BOTW", to provide public notice of residual contamination and of any continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM), a map view, at dnr.wi.gov and search "RRSM".

The DNR's approval prior to well construction or reconstruction is required in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at dnr.wi.gov and search "3300-254".

All site information is also on file at the WCR Regional DNR office, at 1300 West Clairemont Avenue, Eau Claire, WI 54701. This letter and information that was submitted with your closure request application, including any maps, can be found as a Portable Document Format (PDF) in BOTW.

Closure Conditions

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

Please send written notifications in accordance with the following requirements to:

Department of Natural Resources
Attn: Remediation and Redevelopment Program Environmental Program Associate
1300 West Clairemont Avenue
Eau Claire, WI 54701

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)
Groundwater contamination greater than enforcement standards is present both on this contaminated property and off this contaminated property, as shown on the attached map; 'B.3.b Groundwater Isoconcentration, 10/19/17'. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval. Affected property owners and right-of-way holders were notified of the presence of groundwater contamination. This continuing obligation also applies to the owners of N2175 Miller Avenue, N2084 Miller Avenue, and ROW holders for Miller Avenue and State Highway 73.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Soil contamination remains as indicated on the attached map; 'B.2.b Residual Soil Contamination, 04/29/2014'. If soil in the specific locations described above is excavated in the future, the property owner or right-of-way holder at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner or right-of-way holder at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval. This continuing obligation also applies to the ROW holders for Miller Avenue.

In addition, all current and future owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

General Wastewater Permits for Construction Related Dewatering Activities
The DNR's Water Quality Program regulates point source discharges of contaminated water, including discharges

to surface waters, storm sewers, pits, or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.

If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at dnr.wi.gov and search "wastewater permits". If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for Discharge of Contaminated Groundwater from Remedial Action Operations may be needed. If water collecting in a pit/trench that requires dewatering is expected to be free of pollutants other than suspended solids and oil and grease, a general permit for Pit/Trench Dewatering may be needed.

PECFA Reimbursement

Section 101.143, Wis. Stats., requires that Petroleum Environmental Cleanup Fund Award (PECFA) claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the DNR Project Manager to determine the method for salvaging the equipment.

Per Wisconsin Act 55 (2015 State budget), a claim for PECFA reimbursement must be submitted within 180 days of incurring costs (i.e., completing a task). If your final PECFA claim is not submitted within 180 days of incurring the costs, the costs will not be eligible for PECFA reimbursement.

In Closing

Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, for any of the following situations:

- if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,
- if the property owner does not comply with the conditions of closure, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats., or
- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Matt Thompson at 715-839-3750, or at MatthewA.Thompson@wisconsin.gov.

Sincerely,

Dave Rozeboom
West Central Region Team Supervisor
Remediation & Redevelopment Program

Attachments:

- B.3.b Groundwater Isoconcentration, 10/19/17
- B.2.b Residual Soil Contamination, 04/29/2014

cc: Jason Powell, METCO

B.3.b GROUNDWATER ISOCONCENTRATION (10/19/17)

SHORTVILLE STORE

METCO
709 GILLETTE ST. STE 3
LA CROSSE, WI 54603
Tel: (608) 781-6879
Fax: (608) 781-8893
Excellence through experience

TOWN OF WASHBURN
(SHORTVILLE), WISCONSIN

DRAWN BY: ED
DATE: 04/29/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- DOT PHASE 2 SOIL BORING LOCATION (1991)
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- PROPERTY BOUNDARY
- BURIED PHONE/FIBER OPTIC
- OVERHEAD ELECTRIC

SCALE:
1 INCH = 30 FEET
0 15 30

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL

PAL
ES

STATE HIGHWAY 73

ESTIMATED LOCATION OF REMOVED UST SYSTEMS

FORMER SHORTVILLE STORE PROPERTY

MILLER AVENUE

MORTENSON RESIDENCE
W4109 STH 73

DRIVEWAY

FENCE
FENCE
FENCE

G-1
G-1A
G-2
G-3
G-4
G-5
G-6
G-7
G-8
G-9
G-10
G-11
G-12
G-13
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
SS-1
SS-2
SS-3

B.2.b RESIDUAL SOIL CONTAMINATION

SHORTVILLE STORE

METCO
709 GILLETTE ST. STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

TOWN OF WASHBURN
(SHORTVILLE), WISCONSIN

DRAWN BY: ED
DATE: 04/29/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA, ACTUAL CONDITIONS MAY DIFFER

- DOT PHASE 2 SOIL BORING LOCATION (1991)
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- PROPERTY BOUNDARY
- BURIED PHONE/FIBER OPTIC
- OVERHEAD ELECTRIC

SCALE:
1 INCH = 30 FEET
0 15 30

STATE HIGHWAY 73

MILLER AVENUE

MW-2

ESTIMATED LOCATION OF REMOVED UST SYSTEMS

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

SS-3
SS-2
G-10
MW-1
G-2
SS-1
G-1
G-1A

FORMER SHORTVILLE STORE PROPERTY

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

MORTENSON RESIDENCE
W4109 STH 73

DRIVEWAY

FENCE
FENCE
FENCE

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1300 W. Clairemont Ave.
Eau Claire WI 54701

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

April 5, 2019

Thomas & Renee Mortenson
W4109 State Highway 73
Neillsville, WI 54456

Subject: Remaining Actions Needed for Case Closure under Wis. Adm. Code chs. NR 700-754
WI DOT Shortville Store, STH 73 and Miller Ave, Clark County
DNR BRRTS Activity # 03-10-000581
PECFA # 54456-9999-00

Dear Mr. and Ms. Mortenson:

On April 4, 2019, the Department of Natural Resources (DNR) reviewed your request for closure of the case described above. The DNR reviews environmental remediation cases for compliance with applicable local, state and federal laws. The following actions are required prior to the DNR granting you case closure in compliance with Wis. Stat. ch. 292 and Wis. Adm. Code chs. NR 700-754. Upon completion of these actions, closure approval will be provided. Pursuant to Wis. Adm. Code § NR 726.09 (2) (g), you are required to provide this information to the DNR within 120 days of the date of this letter.

Remaining Actions Needed

Monitoring Well or Remedial System Piping Filling and Sealing
The monitoring wells at the site must be properly filled and sealed in accordance with Wis. Adm. Code ch. NR 141. Documentation of filling and sealing for all wells and boreholes must be submitted to Matt Thompson on DNR Form 3300-005. To download the form, go online at dnr.wi.gov and search "form 3300-005".

Purge Water, Waste and/or Soil Pile Removal
Any remaining purge water, solid waste and/or contaminated soil piles generated as part of site investigation or remediation activities must be removed from the site and properly managed in accordance with the applicable local, state and federal laws. Once that work is complete, send documentation to the DNR regarding the methods used for appropriate treatment or disposal of the remaining purge water, solid waste and/or contaminated soil.

Documentation

When the required actions are completed, submit the appropriate documentation within 120 days of the date of this letter, to verify completion. At that point, your closure request can be approved, and your case can be closed.

The submittal of both an electronic and paper copy are required in accordance with Wis. Adm. Code s. NR 726.09 (1). See *Guidance for Electronic Submittals for the Remediation and Redevelopment Program, RR- 690* for additional information. To view the document online, go to dnr.wi.gov and search "RR 690".

Listing on Database

This site will be listed on the DNR's Bureau for Remediation and Redevelopment Tracking System on the Web (BOTW) and RR Sites Map, to provide public notice of remaining contamination and continuing obligations. The continuing obligations will be specified in the final case closure approval letter sent to you. Information that was

submitted with your closure request application will be included on BOTW, located online at dnr.wi.gov and search "BOTW".

In Conclusion

We appreciate your efforts to restore the environment at this site. This remedial action project is nearing completion. I look forward to working with you to complete all remaining actions that are necessary to achieve case closure.

If you have any questions regarding this letter, please contact me, at 715-839-3750 or matthwea.thompson@wisconsin.gov or @wisconsin.gov.

Sincerely,

Matt Thompson
Hydrogeologist
Remediation & Redevelopment Program

cc: Ron Anderson, METCO
Jason Powell, METCO

Letter of Transmittal

Submitted to:

Matt Thompson

WI Dept. of Natural Resources
1300 W. Clairemont Avenue
Eau ClaireWI5 4701

Date:
6/17/2019

Job:
Shortville Store

◉Attached

◉Under Separate Cover

Contents:
Well Abandonment Forms
BRRTS #: 03-10-000581
PECFA #: 54456-9999-00-A

Remarks:
Attached are the well abandonment forms as requested in your "Remaining Actions Needed" letter dated 4/5/19. No investigative waste remains on-site. Once this information has been reviewed, please forward the "Final Closure" letter to the Responsible Party and copy METCO.

If you have any questions please call or email.

Signed: Jason Powell

cc: Thomas Mortenson - Client

METCO
709 Gillette St., Ste 3
La Crosse, WI 54603-2382
(608)781-8879 fax (608)781-8893

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Watershed/Wastewater [X] Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
CLARK	___ ___ ___VP363_	

Lattitude / Longitude (Degrees and Minutes) | Method Code (see instructions)

44 ___ ° 29.67 . ___ ___ ___ 'N

90 ___ ° 31.02 . ___ ___ ___ 'W

¼ / ¼	¼	Section	Township	Range	
NE	NE	8	23 N	1	☐ E [X] W

or Gov't Lot #

Well Street Address: STH 73 & MILLER AVE

Well City, Village or Town: SHORTVILLE | Well ZIP Code: 54456-

Subdivision Name | Lot #

Reason For Removal From Service: Sampling Complete | WI Unique Well # of Replacement Well: ___ ___ ___ ___ ___

2. Facility / Owner Information

Facility Name: Shortville Store

Facility ID (FID or PWS): 610022050

License/Permit/Monitoring #:

Original Well Owner: THOMAS & RENEE MORTENSON

Present Well Owner: THOMAS & RENEE MORTENSON

Mailing Address of Present Owner: W4109 Sth 73

City of Present Owner	State	ZIP Code
Neilsville	WI	54456-

3. Well / Drillhole / Borehole Information

[X] Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 4/25/2016

If a Well Construction Report is available, please attach.

Construction Type: [X] Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
14	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
8.25	4

Was well annular space grouted? [X] Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
2	2.44

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	[X] No	☐ N/A
Casing left in place?	[X] Yes	☐ No	☐ N/A
Was casing cut off below surface?	[X] Yes	☐ No	☐ N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	[X] N/A

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: [X] Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	LBS	
Bentonite Chips	Surface	14	22.4	

6. Comments

MW-1

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Rob Wilmoth/METCO		5/29/2019

Street or Route	Telephone Number
709 Gillette St., Ste. #3	(608) 781-8879

City	State	ZIP Code
La Crosse	WI	54603-

Signature of Person Doing Work: [signature]

Date Signed: 6/4/2019

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Watershed/Wastewater [X] Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
CLARK	___ ___ ___VP364_	

Latitude / Longitude (Degrees and Minutes) 44 ___ ° 29.67 . ___ ___ ___ 'N; 90 ___ ° 31.02 . ___ ___ ___ 'W — Method Code (see instructions): ___ ___ ___ ___ ___ ___

¼ / ¼	¼	Section	Township	Range	
NE	NE	8	23 N	1	☐ E [X] W

or Gov't Lot #

Well Street Address: STH 73 & MILLER AVE

Well City, Village or Town	Well ZIP Code
SHORTVILLE	54456-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Sampling Complete	___ ___ ___ ___ ___

3. Well / Drillhole / Borehole Information

[X] Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 4/25/2016

If a Well Construction Report is available, please attach.

Construction Type: [X] Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
14	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
8.25	4

Was well annular space grouted? [X] Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
2	2.54

2. Facility / Owner Information

Facility Name: Shortville Store

Facility ID (FID or PWS): 610022050

License/Permit/Monitoring #:

Original Well Owner: THOMAS & RENEE MORTENSON

Present Well Owner: THOMAS & RENEE MORTENSON

Mailing Address of Present Owner: W4109 Sth 73

City of Present Owner	State	ZIP Code
Neilsville	WI	54456-

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	[X] No	☐ N/A
Casing left in place?	[X] Yes	☐ No	☐ N/A
Was casing cut off below surface?	[X] Yes	☐ No	☐ N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	[X] N/A

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Borsholes Only: [X] Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	LBS	
Bentonite Chips	Surface	14	22.4	

6. Comments

MW-2

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Rob Wilmoth/METCO		5/29/2019

Street or Route	Telephone Number
709 Gillette St., Ste. #3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-	[signature]	6/4/2019

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

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☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Watershed/Wastewater [X] Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
CLARK	___ ___ ___VP365_	

Latitude / Longitude (Degrees and Minutes) 44 ___ ° 29.67 . ___ ___ ___ 'N
90 ___ ° 31.02 . ___ ___ ___ 'W

Method Code (see instructions): ___ ___ ___ ___ ___ ___

¼ / ¼	¼	Section	Township	Range	
or Gov't Lot #		8	23 N	1	☐ E [X] W

Well Street Address: STH 73 & MILLER AVE

Well City, Village or Town	Well ZIP Code
SHORTVILLE	54456-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Sampling Complete	___ ___ ___ ___ ___

3. Well / Drillhole / Borehole Information

[X] Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 4/25/2016

If a Well Construction Report is available, please attach.

Construction Type: [X] Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
14	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
8.25	4

Was well annular space grouted? [X] Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
2	0.51

2. Facility / Owner Information

Facility Name: Shortville Store

Facility ID (FID or PWS): 610022050

License/Permit/Monitoring #:

Original Well Owner: THOMAS & RENEE MORTENSON

Present Well Owner: THOMAS & RENEE MORTENSON

Mailing Address of Present Owner: W4109 Sth 73

City of Present Owner	State	ZIP Code
Neilsville	WI	54456-

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	[X] No	☐ N/A
Casing left in place?	[X] Yes	☐ No	☐ N/A
Was casing cut off below surface?	[X] Yes	☐ No	☐ N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	[X] N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	LBS	
Bentonite Chips	Surface	14	22.4	

6. Comments

MW-3

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Rob Wilmoth/METCO		5/29/2019

Street or Route	Telephone Number
709 Gillette St., Ste. #3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		6/4/2019

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to: ☐ Drinking Water ☐ Watershed/Wastewater [X] Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
CLARK	___ ___ ___VP366_	

Latitude / Longitude (Degrees and Minutes) 44 ___ ° 29.67 . ___ ___ ___ 'N
90 ___ ° 31.02 . ___ ___ ___ 'W
Method Code (see instructions): ___ ___ ___ ___ ___ ___

¼ / ¼	¼	Section	Township	Range
NE	NE	8	23 N	1 [X] W ☐ E

or Gov't Lot #

Well Street Address: STH 73 & MILLER AVE

Well City, Village or Town	Well ZIP Code
SHORTVILLE	54456-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Sampling Complete	___ ___ ___ ___ ___

3. Well / Drillhole / Borehole Information

[X] Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 4/25/2016

If a Well Construction Report is available, please attach.

Construction Type: [X] Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
14	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
8.25	4

Was well annular space grouted? [X] Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
2	3.33

2. Facility / Owner Information

Facility Name: Shortville Store

Facility ID (FID or PWS): 610022050

License/Permit/Monitoring #:

Original Well Owner: THOMAS & RENEE MORTENSON

Present Well Owner: THOMAS & RENEE MORTENSON

Mailing Address of Present Owner: W4109 Sth 73

City of Present Owner	State	ZIP Code
Neilsville	WI	54456-

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	[X] No	☐ N/A
Casing left in place?	[X] Yes	☐ No	☐ N/A
Was casing cut off below surface?	[X] Yes	☐ No	☐ N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	[X] N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	LBS	
Bentonite Chips	Surface	14	22.4	

6. Comments

MW-4

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Rob Wilmoth/METCO		5/29/2019

Street or Route	Telephone Number
709 Gillette St., Ste. #3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		6/4/2019

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Watershed/Wastewater [X] Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
CLARK	___ ___ ___VP367_	

Latitude / Longitude (Degrees and Minutes) 44 ___ ° 29.67 . ___ ___ ___ 'N; 90 ___ ° 31.02 . ___ ___ ___ 'W — Method Code (see instructions): ___ ___ ___ ___ ___ ___

¼ / ¼	¼	Section	Township	Range	
NE	NE	8	23 N	1	☐ E [X] W

or Gov't Lot #

Well Street Address: STH 73 & MILLER AVE

Well City, Village or Town	Well ZIP Code
SHORTVILLE	54456-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Sampling Complete	___ ___ ___ ___ ___

2. Facility / Owner Information

Facility Name: Shortville Store

Facility ID (FID or PWS): 610022050

License/Permit/Monitoring #:

Original Well Owner: THOMAS & RENEE MORTENSON

Present Well Owner: THOMAS & RENEE MORTENSON

Mailing Address of Present Owner: W4109 Sth 73

City of Present Owner	State	ZIP Code
Neilsville	WI	54456-

3. Well / Drillhole / Borehole Information

[X] Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 4/25/2016

If a Well Construction Report is available, please attach.

Construction Type: [X] Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify):

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
14	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
8.25	4

Was well annular space grouted? [X] Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
2	2.86

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	[X] No	☐ N/A
Casing left in place?	[X] Yes	☐ No	☐ N/A
Was casing cut off below surface?	[X] Yes	☐ No	☐ N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	[X] N/A

Required Method of Placing Sealing Material: ☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: ☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.) ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: [X] Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	LBS	
Bentonite Chips	Surface	14	22.4	

6. Comments

MW-5

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Rob Wilmoth/METCO		5/29/2019

Street or Route	Telephone Number
709 Gillette St., Ste. #3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		6/4/2019

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Watershed/Wastewater [X] Remediation/Redevelopment ☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
CLARK	VP368_	

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

44 ° 29.67 ' N
90 ° 31.02 ' W

¼ / ¼	¼	Section	Township	Range	
NE	NE	8	23 N	1	☐ E [X] W

or Gov't Lot #

Well Street Address: STH 73 & MILLER AVE

Well City, Village or Town	Well ZIP Code
SHORTVILLE	54456-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Sampling Complete	

3. Well / Drillhole / Borehole Information

[X] Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 4/25/2016

If a Well Construction Report is available, please attach.

Construction Type: [X] Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type: [X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
13	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
8.25	3

Was well annular space grouted? [X] Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
2	1.81

2. Facility / Owner Information

Facility Name: Shortville Store

Facility ID (FID or PWS): 610022050

License/Permit/Monitoring #:

Original Well Owner: THOMAS & RENEE MORTENSON

Present Well Owner: THOMAS & RENEE MORTENSON

Mailing Address of Present Owner: W4109 Sth 73

City of Present Owner	State	ZIP Code
Neilsville	WI	54456-

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	[X] No	☐ N/A
Casing left in place?	[X] Yes	☐ No	☐ N/A
Was casing cut off below surface?	[X] Yes	☐ No	☐ N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	[X] N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☐ Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[X] Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	LBS	
Bentonite Chips	Surface	13	20.8	

6. Comments

MW-6

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Rob Wilmoth/METCO		5/29/2019

Street or Route	Telephone Number
709 Gillette St., Ste. #3	(608) 781-8879

City	State	ZIP Code
La Crosse	WI	54603-

Signature of Person Doing Work: Rob Wilmoth

Date Signed: 6/4/2019

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Case Closure - GIS Registry

Form 4400-202 (R 8/16)

SUBMIT AS UNBOUND PACKAGE IN THE ORDER SHOWN

Notice: Pursuant to ch. 292, Wis. Stats., and chs. NR 726 and 746, Wis. Adm. Code, this form is required to be completed for case closure requests. The closure of a case means that the Department of Natural Resources (DNR) has determined that no further response is required at that time based on the information that has been submitted to the DNR. All sections of this form must be completed unless otherwise directed by the Department. DNR will consider your request administratively complete when the form and all sections are completed, all attachments are included, and the applicable fees required under ch. NR 749, Wis. Adm. Code, are included, and sent to the proper destinations. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.). Incomplete forms will be considered "administratively incomplete" and processing of the request will stop until required information is provided.

Site Information

BRRTS No.	VPLE No.		
03-10-000581			
Parcel ID No.			
058-0151-000			
FID No.	**WTM Coordinates**		
	X	Y	
610022050	478909	446937	
BRRTS Activity (Site) Name	**WTM Coordinates Represent:**		
Shortville Store	☒ Source Area ☐ Parcel Center		
Site Address	**City**	**State**	**ZIP Code**
W4109 State Highway 73	Neillsville	WI	54456
Acres Ready For Use			
0.5			

Responsible Party (RP) Name			
Tom & Renee Mortenson			
Company Name			
Mailing Address	**City**	**State**	**ZIP Code**
W4109 State Highway 73	Neillsville	WI	54456
Phone Number	**Email**		
(715) 743-4958	schatten@tds.net		

☒ Check here if the RP is the owner of the source property.

Environmental Consultant Name			
Ron Anderson			
Consulting Firm			
METCO			
Mailing Address	**City**	**State**	**ZIP Code**
709 Gillette Street, Suite 3	La Crosse	WI	54603
Phone Number	**Email**		
(608) 781-8879	rona@metcohq.com		

Fees and Mailing of Closure Request

1. **Send a copy of page one** of this form and the applicable ch. NR 749, Wis. Adm. Code, fee(s) to the DNR Regional EPA (Environmental Program Associate) at **http://dnr.wi.gov/topic/Brownfields/Contact.html#tabx3**. Check all fees that apply:

   ☒ $1,050 Closure Fee

   ☒ $350 Database Fee for Groundwater or Monitoring Wells (Not Abandoned)

   ☒ $300 Database Fee for Soil

   Total Amount of Payment $ $1,700.00

   ☐ Resubmittal, Fees Previously Paid

2. **Send one paper copy and one e-copy on compact disk of the entire closure package** to the Regional Project Manager assigned to your site. Submit as *unbound, separate documents* in the order and with the titles prescribed by this form. For electronic document submittal requirements, see **http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf.**

Site Summary

If any portion of the Site Summary Section is not relevant to the case closure request, you must fully explain the reasons why in the relevant section of the form. All information submitted shall be legible. Providing illegible information will result in a submittal being considered incomplete until corrected.

1. General Site Information and Site History

A. Site Location: Describe the physical location of the site, both generally and specific to its immediate surroundings.
The Shortville Store site, W4109 State Highway 73, is located in the NE 1/4, NE 1/4, Section 8, Township 23 North, Range 1 West, in the Town of Washburn, Clark County, Wisconsin. The subject property is bound by State Highway 73 to the north, Miller Avenue to the east, and residential properties to the west and south.

B. Prior and current site usage: Specifically describe the current and historic occupancy and types of use.
The Shortville Store property is a Leaking Underground Storage Tank (LUST) case that has been under investigation since April 1991. The contamination on the property was caused by a 100 gallon overfill of a 250 gallon leaded gasoline tank, and perhaps the tank itself. The contamination was discovered by a Phase II Investigation by the WisDOT on March 13th, 1991.

On March 13th, 1991, the WDNR received a Phase II investigation report by Aqua-Tech, Inc., on behalf of the Wisconsin Department of Transportation (WisDOT). On May 2-14, 1991, the WDNR sent the WisDOT, Art Drescher, and Carol Mortenson (previous owner of Tom and Renee's current property) letters indicating each party's responsibility to investigate and remediate contamination that was found in Aqua-Tech's Phase II environmental investigation. The WisDOT was deemed responsible to remediate contaminated media in the STH 73 right-of-way. During highway improvements of STH 73, the WisDOT excavated and properly disposed of all contaminated soils in the right-of-way. The WisDOT ceased to be a responsible party after these activities. As confirmed by a site visit and interview with Robert Mortenson on August 13th, 1991 by the WDNR, Art Drescher reportedly overfilled an underground gasoline tank present on the Mortensons' property in 1984 by about 100 gallons. Thus, Art Drescher caused a discharge of gasoline to the environment, was a responsible party, and required by the Wisconsin Spills Law to hire a consultant and conduct an environmental investigation and remedial activities related to the overfill on the Mortensons' property. Carol Mortenson (property owner, now Tom and Renee Mortenson) was sent a letter indicating that she was a responsible party as well, since she possessed and controlled a hazardous substance which has discharged.

Between September 1991 and August 1994, the WDNR pursued enforcement actions against Art Drescher. Due to these enforcement actions, on June 22, 1992, Art Drescher removed the underground gasoline tank that he owned on the Mortensons' property. During the tank removal, Drescher excavated 30 cubic yards of soil from around the tank and replaced the soil with clean fill. The removed soil was tested by an asphalt treatment facility for petroleum constituents. The test results for the soil excavated were below the detection limit. However, the analyses were not completed by a certified lab, and therefore not sufficient for the purposes of a site investigation.

On August 1994, Art Drescher sold his business to his daughter, Marla Raine, who owns Drescher Oil LLC today. However, when a sole proprietor sells his/her business to another person, the sole proprietor can only sell assets of the business, and cannot transfer any liability to the new business owner. Since Drescher was born on March 25th, 1925, he was approaching 70 years old. Sometime between 2001 and 2004, Art Drescher died. Since the WisDOT completed their responsibilities, Art Drescher was a sole proprietor and died, Mr. and Mrs. Tom and Renee Mortenson who currently own the Shortville Store property were determined to be the responsible party by the WDNR and were required to complete a site investigation.

C. Current zoning (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
According to the Clark County GIS property assessment, the Shortville Store site located at W4109 State Highway 73 is zoned "Residential". The neighboring properties to the west, south, and east (across Miller Avenue) are also zoned "Residential", and the neighboring property to the north (across State Highway 73) is zoned "Agricultural", "Other", and "Undeveloped".

D. Describe how and when site contamination was discovered.
The contamination on the property was caused by a 100 gallon overfill of a 250 gallon leaded gasoline tank, and perhaps the tank itself. The contamination was discovered by a Phase II Investigation by the WisDOT on March 13th, 1991.

E. Describe the type(s) and source(s) or suspected source(s) of contamination.
Petroleum contamination appears to have originated from the former UST system.

F. Other relevant site description information (or enter Not Applicable).
Not applicable.

G. List BRRTS activity/site name and number for BRRTS activities at this source property, including closed cases.
No other BRRTS activities exist at the source property.

H. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.
No other BRRTS activities exist immediately adjacent to this site.

2. General Site Conditions

A. Soil/Geology

i. Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.

Local unconsolidated materials generally consist of interbedded layers of clay to sandy clay and gray to fine to coarse grained sand with gravel from surface to at least 15 feet bgs.

ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.

Sand and gravel/possible fill material was encountered in numerous borings, especially along the roadway from surface to depths ranging from 3 to 12 feet bgs.

iii. Describe the depth to bedrock, bedrock type, competency and whether or not it was encountered during the investigation.

Possible weathered bedrock was encountered in soil boring MW-6 at 13-15 feet bgs. Granite bedrock is expected to exist at approximately 10-20 feet bgs and extends to at least 355 feet bgs, based on local well construction reports.

iv. Describe the nature and locations of current surface cover(s) across the site (e.g., natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).

The subject property is a vacant lot (parcel #: 058-0151-000) covered with grass, with a gravel driveway extending from Miller Avenue onto the eastern part of the property. Tom and Renee Mortenson (current property owners and client) also own the adjacent property to the west (parcel #: 058-0151-001). With the exception of the house, the property is covered by grass, with a gravel driveway extending south from State Highway 73 onto the northern part of the property. A few trees exist to the east of the house. According to the Clark County GIS, Tom and Renee Mortenson also own part of the Miller Avenue right-of-way, which is a gravel road. The area of the removed UST system appears to exist partially on the State Highway 73/Miller Avenue right-of-way, and partially on Tom and Renee Mortenson's property (parcel #: 058-0151-000).

B. Groundwater

i. Discuss depth to groundwater and piezometric elevations. Describe and explain depth variations, including high and low water table elevation and whether free product affects measurement of water table elevation. Describe the stratigraphic unit(s) where water table was found or which were measured for piezometric levels.

Groundwater exists at approximately 1.42 to 5.44 feet below ground surface depending on well location and time of year. Free product has never been encountered at the site. The stratigraphic unit where the water table is found consists of interbedded layers of clay to sandy clay and fine to coarse grained sand.

ii. Discuss groundwater flow direction(s), shallow and deep. Describe and explain flow variations, including fracture flow if present.

Groundwater elevations measured in the monitoring wells indicated a local groundwater flow direction to be predominately towards the north/northwest. Groundwater flow deeper in the aquifer is unknown, as no piezometers were installed during the investigation.

iii. Discuss groundwater flow characteristics: hydraulic conductivity, flow rate and permeability, or state why this information was not obtained.

On July 20, 2016, METCO conducted slug tests on monitoring wells MW-1, MW-2 and MW-4. The slug test data was evaluated using the curve fitting program "Hydro-Test for Windows" Produced by Dakota Environmental, Inc. Slug test data was evaluated using the Bouwer and Rice method. Hydrogeologic parameters were estimated as follows:

Monitoring Well MW-1
Hydraulic Conductivity (K) = 1.94E-04 cm/sec
Transmissivity = 5.61E-02 cm2/sec
Flow Velocity (V=KI/n) = 2.45036 m/yr

Monitoring Well MW-2
Hydraulic Conductivity (K) = 2.34E-04 cm/sec
Transmissivity = 7.07E-02 cm2/sec
Flow Velocity (V=KI/n) = 2.95820 m/yr

Monitoring Well MW-4
Hydraulic Conductivity (K) = 2.57E-04 cm/sec
Transmissivity = 7.02E-02 cm2/sec
Flow Velocity (V=KI/n) = 3.24674 m/yr

Since the thickness of the unconfined aquifer was unknown, the bottoms of monitoring wells MW-1, MW-2 and MW-4 were assumed as the lower extent of the aquifer for calculation purposes.

iv. Identify and describe locations/distance of potable and/or municipal wells within 1200 feet of the site. Include general summary of well construction (geology, depth of casing, depth of screened or open interval).

The surrounding properties are all served by private potable wells. Distances from the removed gasoline UST systems to the nearby residences which likely have private potable wells are as follows:

* W4109 STH 73 (Mortenson Residence): Approximately 150 feet west of removed UST system.
* N2084 Miller Avenue (Westbay Residence): Approximately 250 feet southeast of removed UST system.
* N2175 Miller Avenue (Mazourek Residence): Approximately 1,100 feet north-northwest of removed UST system.
* N2146 Miller Avenue (Holm Residence): Approximately 620 feet northeast of removed UST system.
* W4121 STH 73 (Justin Mortenson Residence): Approximately 240 feet west of removed UST system.
* N2083 Miller Avenue (Mortenson Residence): Approximately 200 feet south of removed UST system.
* N2051 Miller Avenue (Smith Residence): Approximately 675 feet south of removed UST system.
* N2011 Miller Avenue (Smith Residence): Approximately 1,050 feet south of removed UST system.

3. Site Investigation Summary

A. General

i. Provide a brief summary of the site investigation history. Reference previous submittals by name and date. Describe site investigation activities undertaken since the last submittal for this project and attach the appropriate documentation in Attachment C, if not previously provided.

On February 5, 1991, the WisDOT completed three soil borings (SS-1 thru SS-3) during a Phase II Investigation. Four soil samples and one groundwater sample were collected for laboratory analysis. (Site Investigation Report - June 7, 2018)

On March 3, 2014, METCO completed eleven Geoprobe borings (G-1A, G-1 thru G-10). Twenty-five soil samples and nine groundwater samples were collected from the borings for field and/or laboratory analysis. (Site Investigation Report - June 7, 2018)

On April 25, 2016, METCO completed six soil borings which were converted to monitoring wells (MW-1 thru MW-6). Twenty-four soil samples were collected for field and/or laboratory analysis. Upon completion, the monitoring wells were properly developed. (Site Investigation Report - June 7, 2018)

On July 20, 2016, METCO personnel collected groundwater samples from six monitoring wells (Round 1) for field and laboratory analysis. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were collected from all sampled monitoring wells. The monitoring well network was properly surveyed to feet mean sea level (msl) at this time. METCO also conducted slug tests on three of the monitoring wells (MW-1, -2, and -4). (Site Investigation Report - June 7, 2018)

On October 20, 2016, METCO personnel collected groundwater samples from six monitoring wells (Round 2) for field and laboratory analysis. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were collected from all sampled monitoring wells. (Site Investigation Report - June 7, 2018)

On January 19, 2017, METCO personnel collected groundwater samples from six monitoring wells (Round 3) for field and laboratory analysis. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were collected from all sampled monitoring wells. (Site Investigation Report - June 7, 2018)

On April 19, 2017, METCO personnel collected groundwater samples from six monitoring wells (Round 4) for field and laboratory analysis. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were collected from all sampled monitoring wells. (Site Investigation Report - June 7, 2018)

On July 19, 2017, METCO personnel collected groundwater samples from six monitoring wells (Round 5) for field and laboratory analysis. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were collected from all sampled monitoring wells. (Site Investigation Report - June 7, 2018)

On October 19, 2017, METCO personnel collected groundwater samples from six monitoring wells (Round 6) for field and laboratory analysis. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were collected from all sampled monitoring wells. METCO personnel also cut down the PVC and re-surveyed monitoring wells MW-4 and MW-5 at this time. (Site Investigation Report - June 7, 2018)

On November 22, 2017, METCO completed three Geoprobe borings with six soil samples collected for laboratory analysis. (Site Investigation Report - June 7, 2018)

ii. Identify whether contamination extends beyond the source property boundary, and if so describe the media affected (e.g., soil, groundwater, vapors and/or sediment, etc.), and the vertical and horizontal extent of impacts.

Soil contamination exceeding the NR720 Groundwater RCL values extends up to 13 feet into the right-of-way of State

Highway 73, measuring approximately 25 feet wide at the property boundary and is up to 4 feet thick.

Groundwater contamination exceeding the NR140 ES extends onto two nearby properties and into the right-of-ways of State Highway 73 and Miller Avenue. The groundwater contamination plume extends up to 88 feet into the right-of-way of State Highway 73, measuring approximately 35 feet wide at the property boundary. Groundwater contamination exceeding the NR140 ES extends onto the adjacent property to the east (Westbay Residence - N2084 Miller Ave) measuring approximately 70 feet wide at the property boundary and extending approximately 16 feet onto the property. The groundwater contamination exceeding the NR140 ES also extends onto the adjacent property to the northeast (Mazourek Residence - N2175 Miller Ave) measuring approximately 44 feet wide at the property boundary and extending approximately 17 feet onto the property. It should be noted that the Clark County GIS shows the subject property owners (Tom and Renee Mortenson) and the adjacent property owner(s) to the east (Westbay Residence) owning the right-of-way of Miller Avenue to the center of the road where the property line splits the two parcels. It also shows the Westbay Residence and the Mazourek Residence owning the right-of-way of State Highway 73 to the center of the road on the east side of the State Highway 73/Miller Avenue intersection.

iii. Identify any structural impediments to the completion of site investigation and/or remediation and whether these impediments are on the source property or off the source property. Identify the type and location of any structural impediment (e.g., structure) that also serves as the performance standard barrier for protection of the direct contact or the groundwater pathway.

No structural impediments interfered with the completion of the site investigation.

B. Soil

i. Describe degree and extent of soil contamination. Relate this to known or suspected sources and known or potential receptors/migration pathways.

An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL's, exists in the area of the removed UST system and appears to measure up to 30 feet long, up to 25 feet wide, and up to 4 feet thick. An area of unsaturated soil contamination exceeding NR720 Non-Industrial Direct Contact RCL values also exists in the area of the removed UST system and appears to measure up to 6 feet in diameter, and up to 4 feet thick.

The only utility line that exists in the area of residual soil contamination is a buried telephone/fiber optic line. Telephone/fiber optic lines typically exist within 30 inches of ground surface and are backfilled with native soil. Based on this, the utility corridor does not appear to be a preferential contaminant migration pathway.

The extent of petroleum contamination in residual soil does not extend up to or underneath any buildings. Therefore, there does not appear to be any risk for vapor intrusion.

ii. Describe the concentration(s) and types of soil contaminants found in the upper four feet of the soil column.

Residual soil contamination which exceeds the NR720 RCL's within the upper four feet of ground surface remains in the following locations:

G-1-1: Benzene (0.410 ppm), Ethylbenzene (14.2 ppm), Naphthalene (4.6 ppm), Toluene (3.07 ppm), Trimethylbenzenes (54.4 ppm), and Xylene (58.3 ppm) at 3.5 feet bgs
G-2-1: Benzene (1.01 ppm) at 3.5 feet bgs
G-10-1: Benzene (0.254 ppm) at 3.5 feet bgs
MW-1-1: Benzene (0.06 ppm) at 3.5 feet bgs.

iii. Identify the ch. NR 720, Wis. Adm. Code, method used to establish the soil cleanup standards for this site. This includes a soil performance standard established in accordance with s. NR 720.08, a Residual Contaminant Level (RCL) established in accordance with s. NR 720.10 that is protective of groundwater quality, or an RCL established in accordance with s. NR 720.12 that is protective of human health from direct contact with contaminated soil. Identify the land use classification that was used to establish cleanup standards. Provide a copy of the supporting calculations/ information in Attachment C.

The method used to establish the soil cleanup standards for this site were the NR720 RCL's. The property is zoned "Residential", therefore non-industrial standards were used for this site.

C. Groundwater

i. Describe degree and extent of groundwater contamination. Relate this to known or suspected sources and known or potential receptors/migration pathways. Specifically address any potential or existing impacts to water supply wells or interception with building foundation drain systems.

A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the removed UST system and has migrated toward the north/northwest. This plume is approximately 193 feet long and up to 159 feet wide at its widest point.

The only utility line that exists in the area of groundwater contamination is a buried telephone/fiber optic line. Telephone/fiber optic lines typically exist within 30 inches of ground surface and are backfilled with native soil. Based on this, the utility corridor does not appear to be a preferential contaminant migration pathway.

The extent of petroleum contamination in groundwater does not extend up to or underneath any buildings. Therefore, there does not appear to be any risk for vapor intrusion.

The surrounding properties are all served by private potable wells. Distances from the removed gasoline UST system to the nearby residences which likely have private potable wells are listed above in section 2.B.iv. Due to the distance and location of the wells, they do not appear to be at risk at this time.

ii. Describe the presence of free product at the site, including the thickness, depth, and locations. Identify the depth and location of the smear zone.

Free product has never been encountered at this site.

D. Vapor

i. Describe how the vapor migration pathway was assessed, including locations where vapor, soil gas, or indoor air samples were collected. If the vapor pathway was not assessed, explain reasons why.

The extent of petroleum contamination in soil and groundwater does not appear to come into contact with any buildings, therefore no vapor samples were collected from the site.

ii. Identify the applicable DNR action levels and the land use classification used to establish them. Describe where the DNR action levels were reached or exceeded (e.g., sub slab, indoor air or both).

No indoor air/sub slab vapor samples were collected.

E. Surface Water and Sediment

i. Identify whether surface water and/or sediment was assessed and describe the impacts found. If this pathway was not assessed, explain why.

The nearest surface water is Cunningham Creek, which exists approximately 2,310 feet to the north of the subject property. An intermittent drainage ditch, which leads to Cunningham Creek exists on the north side of State Highway 73, approximately 60 feet to the north of the removed UST systems.

ii. Identify any surface water and/or sediment action levels used to assess the impacts for this pathway and how these were derived. Describe where the DNR action levels were reached or exceeded.

No surface water or sediment samples were collected.

4. Remedial Actions Implemented and Residual Levels at Closure

A. General: Provide a brief summary of the remedial action history. List previous remedial action report submittals by name and date. Identify remedial actions undertaken since the last submittal for this project and provide the appropriate documentation in Attachment C.

During highway improvements of STH 73, the WisDOT excavated and properly disposed of all contaminated soils in the right-of-way. However, there is no documentation of the excavation or soil disposal.

Between September 1991 and August 1994, the WDNR pursued enforcement actions against Art Drescher. Due to these enforcement actions, on June 22, 1992, Art Drescher removed the underground gasoline tank that he owned on the Mortensons' property. During the tank removal, Drescher excavated 30 cubic yards of soil from around the tank and replaced the soil with clean fill. The removed soil was tested by an asphalt treatment facility for petroleum constituents. The test results for the soil excavated were below the detection limit. However, the analyses were not completed by a certified lab, and therefore not sufficient for the purposes of a site investigation.

B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.

No immediate or interim actions occurred at this site.

C. Describe the *active* remedial actions taken at the source property, including: type of remedial system(s) used for each media affected; the size and location of any excavation or in-situ treatment; the effectiveness of the systems to address the contaminated media and substances; operational history of the systems; and summarize the performance of the active remedial actions. Provide any system performance documentation in Attachment A.7.

During highway improvements of STH 73, the WisDOT excavated and properly disposed of all contaminated soils in the right-of-way. However, there is no documentation of the excavation or soil disposal.

Between September 1991 and August 1994, the WDNR pursued enforcement actions against Art Drescher. Due to these enforcement actions, on June 22, 1992, Art Drescher removed the underground gasoline tank that he owned on the Mortensons' property. During the tank removal, Drescher excavated 30 cubic yards of soil from around the tank and replaced the soil with clean fill. The removed soil was tested by an asphalt treatment facility for petroleum constituents. The test results for the soil excavated were below the detection limit. However, the analyses were not completed by a certified lab, and therefore not sufficient for the purposes of a site investigation.

D. Describe the alternatives considered during the Green and Sustainable Remediation evaluation in accordance with NR 722.09 and any practices implemented as a result of the evaluation.

No evaluation of Green and Sustainable Remediation was conducted.

E. Describe the nature, degree and extent of residual contamination that will remain at the source property or on other affected properties after case closure.

An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL's, exists in the area of the removed UST system and appears to measure up to 30 feet long, up to 25 feet wide, and up to 4 feet thick. An area of unsaturated soil contamination exceeding NR720 Non-Industrial Direct Contact RCL values also exists in the area of the removed UST system and appears to measure up to 6 feet in diameter, and up to 4 feet thick.

A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the removed UST system and has migrated toward the north/northwest. This plume is approximately 193 feet long and up to 159 feet wide at its widest point.

Soil contamination exceeding the NR720 Groundwater RCL values extends up to 13 feet into the right-of-way of State Highway 73, measuring approximately 25 feet wide at the property boundary and is up to 4 feet thick.

Groundwater contamination exceeding the NR140 ES extends onto two nearby properties and into the right-of-ways of State Highway 73 and Miller Avenue. The groundwater contamination plume extends up to 88 feet into the right-of-way of State Highway 73, measuring approximately 35 feet wide at the property boundary. Groundwater contamination exceeding the NR140 ES extends onto the adjacent property to the east (Westbay Residence - N2084 Miller Ave) measuring approximately 70 feet wide at the property boundary and extending approximately 16 feet onto the property. The groundwater contamination exceeding the NR140 ES also extends onto the adjacent property to the northeast (Mazourek Residence - N2175 Miller Ave) measuring approximately 44 feet wide at the property boundary and extending approximately 17 feet onto the property. It should be noted that the Clark County GIS shows the subject property owners (Tom and Renee Mortenson) and the adjacent property owner(s) to the east (Westbay Residence) owning the right-of-way of Miller Avenue to the center of the road where the property line splits the two parcels. It also shows the Westbay Residence and the Mazourek Residence owning the right-of-way of State Highway 73 to the center of the road on the east side of the State Highway 73/Miller Avenue intersection.

F. Describe the residual soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds RCLs established under s. NR 720.12, Wis. Adm. Code, for protection of human health from direct contact.

Residual soil contamination within the upper four feet of ground surface which exceed the NR720 Non-Industrial Direct Contact RCL's remains in the following location:

G-1-1: Ethylbenzene (14.2 ppm) at 3.5 feet bgs.

G. Describe the residual soil contamination that is above the observed low water table that attains or exceeds the soil standard(s) for the groundwater pathway.

Residual soil contamination above the observed low water table which currently exceed NR720 RCL's remains in the following locations:

G-1-1: Benzene (0.410 ppm), Ethylbenzene (14.2 ppm), Naphthalene (4.6 ppm), Toluene (3.07 ppm), Trimethylbenzenes (54.4 ppm), and Xylene (58.3 ppm) at 3.5 feet bgs
G-2-1: Benzene (1.01 ppm) at 3.5 feet bgs
G-10-1: Benzene (0.254 ppm) at 3.5 feet bgs
MW-1-1: Benzene (0.06 ppm) at 3.5 feet bgs.

H. Describe how the residual contamination will be addressed, including but not limited to details concerning: covers, engineering controls or other barrier features; use of natural attenuation of groundwater; and vapor mitigation systems or measures.

Any remaining exposure pathways will be addressed via natural attenuation.

I. If using natural attenuation as a groundwater remedy, describe how the data collected supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration (e.g., stable or receding groundwater plume).

Since the most highly contaminated soils were removed by excavation and since groundwater contaminant levels appear to be stable, natural attenuation appears to be an effective method in reducing contaminant mass and concentration.

J. Identify how all exposure pathways (soil, groundwater, vapor) were removed and/or adequately addressed by immediate, interim and/or remedial action(s).

Any remaining exposure pathways will be addressed via natural attenuation.

K. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.

No system hardware is anticipated to be left in place after site closure.

L. Identify the need for a ch. NR 140, Wis. Adm. Code, groundwater Preventive Action Limit (PAL) or Enforcement Standard (ES) exemption, and identify the affected monitoring points and applicable substances.
Monitoring wells MW-1 (Benzene, Ethylbenzene, Naphthalene, Toluene, Trimethylbenzenes, Xylene, and Lead), MW-2 (Benzene), MW-3 (Benzene), MW-4 (Benzene), MW-5 (Benzene), and MW-6 (Benzene) currently exceed the NR140 ES and/or PAL.

M. If a DNR action level for vapor intrusion was exceeded (for indoor air, sub slab, or both) describe where it was exceeded and how the pathway was addressed.
No indoor air/sub slab vapor samples were collected.

N. Describe the surface water and/or sediment contaminant concentrations and areas after remediation. If a DNR action level was exceeded, describe where it was exceeded and how the pathway was addressed.
No surface water or sediment samples were collected.

5. Continuing Obligations: Situations where sites, including all affected properties and rights-of-way (ROWs), are included on the DNR's GIS Registry. In certain situations, maintenance plans are also required, and must be included in Attachment D.
Directions: For each of the 3 property types below, check all situations that apply to this closure request.
(NOTE: Monitoring wells to be transferred to another site are addressed in Attachment E.)

	This situation applies to the following property or Right of Way (ROW):			Case Closure Situation - Continuing Obligation Inclusion on the GIS Registry is Required (ii. - xiv.)	Maintenance Plan Required
	Property Type:				
	Source Property	Affected Property (Off-Source)	ROW		
i.	☐	☐	☐	None of the following situations apply to this case closure request.	NA
ii.	☒	☒	☒	Residual groundwater contamination exceeds ch. NR 140 ESs.	NA
iii.	☒	☐	☒	Residual soil contamination exceeds ch. NR 720 RCLs.	NA
iv.				Monitoring Wells Remain:	
	☐	☐	☐	• Not Abandoned (filled and sealed)	NA
	☐	☐	☐	• Continued Monitoring (requested or required)	Yes
v.	☐	☐	☐	Cover/Barrier/Engineered Cover or Control for (soil) direct contact pathways (includes vapor barriers)	Yes
vi.	☐	☐	☐	Cover/Barrier/Engineered Cover or Control for (soil) groundwater infiltration pathway	Yes
vii.	☐	☐	☐	Structural Impediment: impedes completion of investigation or remedial action (not as a performance standard cover)	NA
viii.	☐	☐	☐	Residual soil contamination meets NR 720 industrial soil RCLs, land use is classified as industrial	NA
ix.	☐	☐	NA	Vapor Mitigation System (VMS) required due to exceedances of vapor risk screening levels or other health based concern	Yes
x.	☐	☐	NA	Vapor: Dewatering System needed for VMS to work effectively	Yes
xi.	☐	☐	NA	Vapor: Compounds of Concern in use: full vapor assessment could not be completed	NA
xii	☐	☐	NA	Vapor: Commercial/industrial exposure assumptions used.	NA
xiii.	☐	☐	☐	Vapor: Residual volatile contamination poses future risk of vapor intrusion	NA
xiv.	☐	☐	☐	Site-specific situation: (e. g., fencing, methane monitoring, other) (*discuss with project manager before submitting the closure request*)	Site specific

6. Underground Storage Tanks

A. Were any tanks, piping or other associated tank system components removed as part of the investigation or remedial action? ◉ Yes ○ No

B. Do any upgraded tanks meeting the requirements of ch. ATCP 93, Wis. Adm. Code, exist on the property? ○ Yes ◉ No

C. If the answer to question 6.B. is yes, is the leak detection system currently being monitored? ○ Yes ○ No

General Instructions

All information shall be legible. Providing illegible information will result in a submittal being considered incomplete until corrected. For each attachment (A-G), provide a Table of Contents page, listing all 'applicable' and 'not applicable' items by Closure Form titles (e.g., A.1. Groundwater Analytical Table, A.2. Soil Analytical Results Table, etc.). If any item is 'not applicable' to the case closure request, you must fully explain the reasons why.

Data Tables (Attachment A)

Directions for Data Tables:

- Use **bold** and italics font for information of importance on tables and figures. Use **bold** font for ch. NR 140, Wis. Adm. Code ES attainments or exceedances, and *italicized font* for ch. NR 140, Wis. Adm. Code, PAL attainments or exceedances.
- Use **bold** font to identify individual ch. NR 720 Wis. Adm. Code RCL exceedances. Tables should also include the corresponding groundwater pathway and direct contact pathway RCLs for comparison purposes. Cumulative hazard index and cumulative cancer risk exceedances should also be tabulated and identified on Tables A.2 and A.3.
- Do not use shading or highlighting on the analytical tables.
- Include on Data Tables the level of detection for results which are below the detection level (i.e., do not just list as no detect (ND)).
- Include the units on data tables.
- Summaries of all data must include information collected by previous consultants.
- Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15 (3)(c), Wis. Adm. Code, in the format required in s. NR 716.15(4)(e), Wis. Adm. Code.
- Include in Attachment A all of the following tables, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: A.1. Groundwater Analytical Table; A.2. Soil Analytical Results Table, etc.).
- For required documents, each table (e.g., A.1., A.2., etc.) should be a separate Portable Document Format (PDF).

A. Data Tables

A.1. **Groundwater Analytical Table(s):** Table(s) showing the analytical results and collection dates for all groundwater sampling points (e.g., monitoring wells, temporary wells, sumps, extraction wells, potable wells) for which samples have been collected.

A.2. **Soil Analytical Results Table(s):** Table(s) showing **all** soil analytical results and collection dates. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated).

A.3. **Residual Soil Contamination Table(s):** Table(s) showing the analytical results of only the residual soil contamination at the time of closure. This table shall be a subset of table A.2 and should include only the soil sample locations that exceed an RCL. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated). Table A.3 is optional only if a total of fewer than 15 soil samples have been collected at the site.

A.4. **Vapor Analytical Table(s):** Table(s) showing type(s) of samples, sample collection methods, analytical method, sample results, date of sample collection, time period for sample collection, method and results of leak detection, and date, method and results of communication testing.

A.5. **Other Media of Concern (e.g., sediment or surface water):** Table(s) showing type(s) of sample, sample collection method, analytical method, sample results, date of sample collection, and time period for sample collection.

A.6. **Water Level Elevations:** Table(s) showing all water level elevation measurements and dates from all monitoring wells. If present, free product should be noted on the table.

A.7. **Other:** This attachment should include: 1) any available tabulated natural attenuation data; 2) data tables pertaining to engineered remedial systems that document operational history, demonstrate system performance and effectiveness, and display emissions data; and (3) any other data tables relevant to case closure not otherwise noted above. If this section is not applicable, please explain the reasons why.

Maps, Figures and Photos (Attachment B)

Directions for Maps, Figures and Photos:

- Provide on paper no larger than 11 x 17 inches, unless otherwise directed by the Department. Maps and figures may be submitted in a larger electronic size than 11 x 17 inches, in a PDF readable by the Adobe Acrobat Reader. However, those larger-size documents must be legible when printed.
- Prepare visual aids, including maps, plans, drawings, fence diagrams, tables and photographs according to the applicable portions of ss. NR 716.15(4), 726.09(2) and 726.11(3), (5) and (6), Wis. Adm. Code.
- Include all sample locations.
- Contour lines should be clearly labeled and defined.
- Include in Attachment B all of the following maps and figures, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: B.1. Location Map; B.2. Detailed Site Map, etc).
- For the electronic copies that are required, each map (e.g., B.1.a., B.2.a, etc.,) should be a separate PDF.
- Maps, figures and photos should be dated to reflect the most recent revision.

B.1. Location Maps

B.1.a. **Location Map:** A map outlining all properties within the contaminated site boundaries on a United States Geological Survey (U.S.G.S.) topographic map or plat map in sufficient detail to permit easy location of all affected and/or adjacent parcels. If groundwater standards are exceeded, include the location of all potable wells, including municipal wells, within 1200 feet of the area of contamination.

B.1.b. **Detailed Site Map:** A map that shows all relevant features (buildings, roads, current ground surface cover, individual property boundaries for all affected properties, 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 attaining or exceeding a ch. NR 140 ES, and/or in relation to the boundaries of soil contamination attaining or exceeding a RCL. Provide parcel identification numbers for all affected properties.

B.1.c. **RR Sites Map:** From RR Sites Map (http://dnrmaps.wi.gov/sl/?Viewer=RR Sites) attach a map depicting the source property, and all open and closed BRRTS sites within a half-mile radius or less of the property.

B.2. Soil Figures

B.2.a. **Soil Contamination:** Figure(s) showing the location of **all** identified unsaturated soil contamination. Use a single contour to show the horizontal extent of each area of contiguous soil contamination that exceeds a soil to groundwater pathway RCL as determined under ch. NR 720.Wis. Adm. Code. A separate contour line should be used to indicate the horizontal extent of each area of contiguous soil contamination that exceeds a direct contact RCL exceedances (0-4 foot depth).

B.2.b. **Residual Soil Contamination:** Figure(s) showing only the locations of soil samples where unsaturated soil contamination remains at the time of closure (locations represented in Table A.3). Use a single contour to show the horizontal extent of each area of contiguous soil contamination that exceeds a soil to groundwater pathway RCL as determined under ch. NR 720 Wis. Adm. Code. A separate contour line should be used to indicate the horizontal extent of each area of contiguous soil contamination that exceeds a direct contact RCL exceedence (0-4 foot depth).

B.3. Groundwater Figures

B.3.a. **Geologic Cross-Section Figure(s):** One or more cross-section diagrams showing soil types and correlations across the site, water table and piezometric elevations, and locations and elevations of geologic rock units, if encountered. Display on one or more figures all of the following:

- Source location(s) and vertical extent of residual soil contamination exceeding an RCL. Distinguish between direct contact and the groundwater pathway RCLs.
- Source location(s) and lateral and vertical extent if groundwater contamination exceeds ch. NR 140 ES.
- Surface features, including buildings and basements, and show surface elevation changes.
- Any areas of active remediation within the cross section path, such as excavations or treatment zones.
- Include a map displaying the cross-section location(s), if they are not displayed on the Detailed Site Map (Map B.1.b.)

B.3.b. **Groundwater Isoconcentration:** Figure(s) showing the horizontal extent of the post-remedial groundwater contamination exceeding a ch. NR 140, Wis. Adm. Code, PAL and/or an ES. Indicate the date and direction of groundwater flow based on the most recent sampling data.

B.3.c. **Groundwater Flow Direction:** Figure(s) representing groundwater flow maps showing the maximum variation in flow direction.

B.3.d. **Monitoring Wells:** Figure(s) showing all monitoring wells, with well identification number. Clearly designate any wells that: (1) are proposed to be abandoned; (2) cannot be located; (3) are being transferred; (4) will be retained for further sampling, or (5) have been abandoned.

B.4. Vapor Maps and Other Media

B.4.a. **Vapor Intrusion Map:** Map(s) showing all locations and results for samples taken to investigate the vapor intrusion pathway in relation to residual soil and groundwater contamination, including sub-slab, indoor air, soil vapor, soil gas, ambient air, and communication testing. Show locations and footprints of affected structures and utility corridors, and/or where residual contamination poses a future risk of vapor intrusion.

B.4.b. **Other media of concern (e.g., sediment or surface water):** Map(s) showing all sampling locations and results for other media investigation. Include the date of sample collection and identify where any standards are exceeded.

B.4.c. **Other:** Include any other relevant maps and figures not otherwise noted above. (This section may remain blank).

B.5. Structural Impediment Photos: One or more photographs documenting the structural impediment feature(s) which precluded a complete site investigation or remediation at the time of the closure request. The photographs should document the area that could not be investigated or remediated due to a structural impediment. The structural impediment should be indicated on Figures B.2.a and B.2.b.

Documentation of Remedial Action (Attachment C)

Directions for Documentation of Remedial Action:

- Include in Attachment C all of the following documentation, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: C.1. Site Investigation Documentation; C.2. Investigative Waste, etc.).
- If the documentation requested below has already been submitted to the DNR, please note the title and date of the report for that particular document requested.

C.1. **Site investigation documentation,** that has not otherwise been submitted with the Site Investigation Report.

C.2. **Investigative waste** disposal documentation.

C.3. Provide a **description of the methodology** used along with all supporting documentation if the RCLs are different than those contained in the Department's RCL Spreadsheet available at: http://dnr.wi.gov/topic/Brownfields/Professionals.html.

C.4. **Construction documentation** or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), Wis. Adm. Code.

C.5. **Decommissioning of Remedial Systems.** Include plans to properly abandon any systems or equipment.

C.6. **Other.** Include any other relevant documentation not otherwise noted above (This section may remain blank).

Maintenance Plan(s) and Photographs (Attachment D)

Directions for Maintenance Plans and Photographs:

Attach a maintenance plan for each affected property (source property, each off-source affected property) with continuing obligations requiring future maintenance (e.g., direct contact, groundwater protection, vapor intrusion). See Site Summary section 5 for all affected property(s) requiring a maintenance plan. Maintenance plan guidance and/or templates for: 1) Cover/barrier systems; 2) Vapor intrusion; and 3) Monitoring wells, can be found at: http://dnr.wi.gov/topic/Brownfields/Professionals.html#tabx3

D.1. **Descriptions of maintenance action(s) required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required:**

- Provide brief descriptions of the type, depth and location of residual contamination.

- Provide a description of the system/cover/barrier/monitoring well(s) to be maintained.
- Provide a description of the maintenance actions required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.
- Provide contact information, including the name, address and phone number of the individual or facility who will be conducting the maintenance.

D.2. **Location map(s) which show(s):** (1) the feature that requires maintenance; (2) the location of the feature(s) that require(s) maintenance - on and off the source property; (3) the extent of the structure or feature(s) to be maintained, in relation to other structures or features on the site; (4) the extent and type of residual contamination; and (5) all property boundaries.

D.3. **Photographs** for site or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system, include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features shall be visible and discernible. Photographs shall be submitted with a title related to the site name and location, and the date on which it was taken.

D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter. The inspection and maintenance log is found at: http://dnr.wi.gov/files/PDF/forms/4400/4400-305.pdf.

Monitoring Well Information (Attachment E)

Directions for Monitoring Well Information:
For all wells that will remain in use, be transferred to another party, or that could not be located; attach monitoring well construction and development forms (DNR Form 4400-113 A and B: http://dnr.wi.gov/topic/groundwater/documents/forms/4400_113_1_2.pdf)

Select One:

- ○ No monitoring wells were installed as part of this response action.
- ◉ All monitoring wells have been located and will be properly abandoned upon the DNR granting conditional closure to the site
- ○ ***Select One or More:***
  - ☐ Not all monitoring wells can be located, despite good faith efforts. Attachment E must include a description of efforts made to locate the wells.
  - ☐ One or more wells will remain in use at the site after this closure. Attachment E must include documentation as to the reason (s) the well(s) will remain in use. When one or more monitoring wells will remain in use this is considered a continuing obligation and a maintenance plan will be required and must be included in Attachment D.
  - ☐ One or more monitoring wells will be transferred to another owner upon case closure being granted. Attachment E should include documentation identifying the name, address and email for the new owner(s). Provide documentation from the party accepting future responsibility for monitoring well(s).

Source Legal Documents (Attachment F)

Directions for Source Legal Documents:
Label documents with the specific closure form titles (e.g., F.1. Deed, F.2. Certified Survey Map, etc.). Include all of the following documents, in the order listed:

F.1. **Deed:** The most recent deed with legal description clearly listed.

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.

F.2. **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. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.

F.3. **Verification of Zoning**: Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.

F.4. **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description(s) accurately describe(s) the correct contaminated property or properties. This section applies to the source property only. Signed statements for Other Affected Properties should be included in Attachment G.

Notifications to Owners of Affected Properties (Attachment G)

Directions for Notifications to Owners of Affected Properties:
Complete the table on the following page for sites which require notification to owners of affected properties pursuant to ch. 292, Wis. Stats. and ch. NR 725 and 726, Wis. Adm. Code. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31- 19.39,Wis. Stats.]. The DNR's "Guidance on Case Closure and the Requirements for Managing Continuing Obligations" (PUB-RR-606) lists specific notification requirements http://dnr.wi.gov/files/PDF/pubs/rr/RR606.pdf.

State law requires that the responsible party provide a 30-day, written advance notification to certain persons prior to applying for case closure. This requirement applies if: (1) the person conducting the response action does not own the source property; (2) the contamination has migrated onto another property; and/or (3) one or more monitoring wells will not be abandoned. Use form 4400-286, Notification of Continuing Obligations and Residual Contamination, at http://dnr.wi.gov/files/PDF/forms/4400/4400-286.pdf

Include a copy of each notification sent and accompanying proof of delivery, i.e., return receipt or signature confirmation. (These items will not be placed on the GIS Registry.)

Include the following documents for each property, keeping each property's documents grouped together and labeled with the letter G and the corresponding ID number from the table on the following page. (Source Property documents should only be included in Attachment F):

- **Deed:** The most recent deed with legal descriptions clearly listed for all affected properties.
  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. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.
- **Verification of Zoning:** Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.
- **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes the attached legal description(s) accurately describe(s) the correct contaminated property or properties.

Notifications to Owners of Affected Properties (Attachment G)

ID	Address of Affected Property	Parcel ID No.	Date of Receipt of Letter	Type of Property Owner	WTMX	WTMY	Reasons Notification Letter Sent:													
							Residual Groundwater Contamination = or > ES	Residual Soil Contamination Exceeds RCLs	Monitoring Wells: Not Abandoned	Monitoring Wells: Continued Monitoring	Cover/Barrier/Engineered Control	Structural Impediment	Industrial RCLs Met/Applied	Vapor Mitigation System(VMS)	Dewatering System Needed for VMS	Compounds of Concern in Use	Commercial/Industrial Vapor Exposure Assumptions Applied	Residual Volatile Contamination Poses Future Risk of Vapor Intrusion	Site Specification Situation
A																				
B																				
C																				
D																				

Signatures and Findings for Closure Determination

Check the correct box for this case closure request, and have either a professional engineer or a hydrogeologist, as defined in ch. NR 712, Wis. Adm. Code, sign this document.

☒ A response action(s) for this site addresses groundwater contamination (including natural attenuation remedies).

☒ The response action(s) for this site addresses media other than groundwater.

Engineering Certification

I _____ hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this case closure request has been prepared by me or prepared under my supervision in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this case closure request is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Printed Name | Title

Signature | Date | P.E. Stamp and Number

Hydrogeologist Certification

I Ronald J. Anderson hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this case closure request is correct and the document was prepared by me or prepared by me or prepared under my supervision and, in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Ronald J. Anderson
Printed Name

Senior Hydrogeologist/Project Manager
Title

Signature

6/20/18
Date

Attachment A/Data Tables

A.1 Groundwater Analytical Table(s)

A.2 Soil Analytical Results Table(s)

A.3 Residual Soil Contamination Table(s)

A.4 Vapor Analytical Table - No vapor samples were assessed as part of the site investigation.

A.5 Other Media of Concern (e.g., sediment or surface water) – No surface waters or sediments were assessed as part of the site investigation.

A.6 Water Level Elevations

A.7 Other – Natural Attenuation Data and Slug Test Calculations Data

A.1 Groundwater Analytical Table
(Geoprobe)
Shortville Store BRRTS# 03-10-000581

Sample ID	Date	Benzene (ppb)	1,2-Dichloro-ethane (DCA) (ppb)	1,2-Dibromoe-thane (EDB) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
SS-1	02/05/91	**4700**	NS	NS	**11400**	NS	NS	**46800**	NS	**66000**
G-2-W	03/03/14	**860**	<41	<44	**4100**	<23	**420**	**8500**	**2710**	**14700**
G-3-W	03/03/14	<1.2	<2.05	<2.2	<2.75	<1.15	<8.5	<3.45	<18	<6.60
G-4-W	03/03/14	<1.2	<2.05	<2.2	<2.75	<1.15	<8.5	<3.45	<18	<6.60
G-5-W	03/03/14	**48**	<2.05	<2.2	3.4	<1.15	9	4.2	68-75	108
G-6-W	03/03/14	*0.6*	<0.41	<0.44	9	<0.23	<1.7	8.6	9.48	31.4
G-7-W	03/03/14	<0.24	<0.41	<0.44	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
G-8-W	03/03/14	**24.9**	<2.05	<2.2	<2.75	<1.15	<8.5	<3.45	<18	3.8-6.95
G-9-W	03/03/14	<1.2	<2.05	<2.2	<2.75	<1.15	<8.5	<3.45	<18	<6.60
G-10-W	03/03/14	**160**	**6.1**	<0.44	53	<0.23	*15.3*	40	38.4	78.6
ENFORCE MENT STANDARD ES =		**5**	**5**	**0.05**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT PAL =		*0.5*	*0.5*	*0.005*	*140*	*12*	*10*	*160*	*96*	*400*

NS = Not Sampled
(ppb) = parts per billion (ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics

A.1 Groundwater Analytical Table
Shortville Store Site BRRT's# 03-10-000581

Well MW-1
PVC Elevation = 1007.73 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
07/20/16	1003.21	4.52	*1.8*	**3150**	**1110**	<110	**281**	**5000**	**490-640**	**3660**
10/20/16	1004.38	3.35	*2.0*	**3400**	**1140**	<49	**430**	**4300**	**608**	**3280**
01/19/17	1004.78	2.95	*1.6*	**1230**	*450*	<43	<170	**1370**	*272*	*1300*
04/19/17	1005.11	2.62	<4.5	**3080**	**1150**	<8.2	**420**	**5800**	**730**	**4290**
07/19/17	1004.34	3.39	*3.3*	**2260**	**1100**	<41	**530**	**5300**	**632**	**4010**
10/19/17	1004.07	3.66	*3.6*	**2320**	**720**	<21.5	**400**	**3300**	*447*	**2610**
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2
PVC Elevation = 1007.92 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
07/20/16	1003.82	4.10	<0.8	**167**	101	<11	<16	33	*130.7*	*454*
10/20/16	1004.28	3.64	NS	**114**	3.09	<0.49	<2.6	1.47	0.89-1.72	<2.06
01/19/17	1004.31	3.61	NS	**20.1**	5.6	<0.43	<1.7	<0.33	6.4-6.98	3.9-4.51
04/19/17	1005.19	2.73	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
07/19/17	1004.63	3.29	NS	**41**	<0.2	<0.82	<2.17	<0.67	1.74-2.65	16.3-17.86
10/19/17	1004.21	3.71	NS	**149**	9.9	<0.43	<1.7	20.2	8.19	19.4
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3
PVC Elevation = 1005.59 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
07/20/16	1003.24	2.35	<0.8	*0.58*	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
10/20/16	1004.20	1.39	NS	*1.2*	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
01/19/17	1004.21	1.38	NS	*1.0*	<0.56	<0.43	<1.7	0.65	<1.14	<2.71
04/19/17	1004.62	0.97	NS	*2.41*	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
07/19/17	1003.94	1.65	NS	*2.85*	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
10/19/17	1003.75	1.84	NS	*2.93*	<0.56	<0.43	<1.7	3.4	<1.14	<1.71
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Shortville Store Site BRRT's# 03-10-000581

Well MW-4 Re-surveyed 10-19-17 1008.08
PVC Elevation = 1008.09 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
07/20/16	1003.05	5.04	<0.8	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
10/20/16	1004.05	4.04	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
01/19/17	1004.34	3.75	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<2.71
04/19/17	1004.51	3.58	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
07/19/17	1003.84	4.25	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
10/19/17	1004.02	4.06	NS	*1.09*	<0.56	<0.43	<1.7	3.2	<1.14	<1.71
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-5 Re-surveyed 10-19-17 1008.22
PVC Elevation = 1008.32 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
07/20/16	1004.06	4.26	<0.8	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
10/20/16	1004.63	3.69	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
01/19/17	1004.32	4.00	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<2.71
04/19/17	1005.40	2.92	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
07/19/17	1004.68	3.64	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
10/19/17	1004.38	3.84	NS	*1.12*	<0.56	<0.43	<1.7	4.0	<1.14	1.11-1.72
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-6
PVC Elevation = 1008.08 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
07/20/16	1004.53	3.55	<0.8	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
10/20/16	1005.10	2.98	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
01/19/17	1005.28	2.80	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<2.71
04/19/17	1006.05	2.03	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
07/19/17	1005.37	2.71	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
10/19/17	1005.11	2.97	NS	*0.68*	<0.56	<0.43	<1.7	2.38	<1.14	<1.71
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Shortville Store Site BRRT's# 03-10-000581

Well Sampling Conducted on:	07/20/16	07/20/16	07/20/16	07/20/16	07/20/16	07/20/16		
VOC's							**ENFORCE MENT STANDARD = ES – Bold**	*PREVENTIVE ACTION LIMIT = PAL - Italics*
Well Name	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6**		
Lead, dissolved/ppb	*1.8 "J"*	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	**15**	*1.5*
Benzene/ppb	**3150**	**167**	*0.58 "J"*	< 0.44	< 0.44	< 0.44	**5**	*0.5*
Bromobenzene/ppb	< 48	< 4.8	< 0.48	< 0.48	< 0.48	< 0.48	==	==
Bromodichloromethane/ppb	< 46	< 4.6	< 0.46	< 0.46	< 0.46	< 0.46	**0.6**	*0.06*
Bromoform/ppb	< 46	< 4.6	< 0.46	< 0.46	< 0.46	< 0.46	**4.4**	*0.44*
tert-Butylbenzene/ppb	< 110	< 11	< 1.1	< 1.1	< 1.1	< 1.1	==	==
sec-Butylbenzene/ppb	< 120	< 12	< 1.2	< 1.2	< 1.2	< 1.2	==	==
n-Butylbenzene/ppb	< 100	< 10	< 1	< 1	< 1	< 1	==	==
Carbon Tetrachloride/ppb	< 51	< 5.1	< 0.51	< 0.51	< 0.51	< 0.51	**5**	*0.5*
Chlorobenzene/ppb	< 46	< 4.6	< 0.46	< 0.46	< 0.46	< 0.46	==	==
Chloroethane/ppb	< 65	< 6.5	< 0.65	< 0.65	< 0.65	< 0.65	**400**	*80*
Chloroform/ppb	< 43	< 4.3	< 0.43	< 0.43	< 0.43	< 0.43	**6**	*0.6*
Chloromethane/ppb	< 190	< 19	< 1.9	< 1.9	< 1.9	< 1.9	**30**	*3*
2-Chlorotoluene/ppb	< 40	< 4	< 0.4	< 0.4	< 0.4	< 0.4	==	==
4-Chlorotoluene/ppb	< 63	< 6.3	< 0.63	< 0.63	< 0.63	< 0.63	==	==
1,2-Dibromo-3-chloropropane/ppb	< 140	< 14	< 1.4	< 1.4	< 1.4	< 1.4	**0.2**	*0.02*
Dibromochloromethane/ppb	< 45	< 4.5	< 0.45	< 0.45	< 0.45	< 0.45	**60**	*6*
1,4-Dichlorobenzene/ppb	< 49	< 4.9	< 0.49	< 0.49	< 0.49	< 0.49	**75**	*15*
1,3-Dichlorobenzene/ppb	< 52	< 5.2	< 0.52	< 0.52	< 0.52	< 0.52	**600**	*120*
1,2-Dichlorobenzene/ppb	< 46	< 4.6	< 0.46	< 0.46	< 0.46	< 0.46	**600**	*60*
Dichlorodifluoromethane/ppb	< 87	< 8.7	< 0.87	< 0.87	< 0.87	< 0.87	**1000**	*200*
1,2-Dichloroethane/ppb	< 48	< 4.8	*2.45*	< 0.48	< 0.48	< 0.48	**5**	*0.5*
1,1-Dichloroethane/ppb	< 110	< 11	< 1.1	< 1.1	< 1.1	< 1.1	**850**	*85*
1,1-Dichloroethene/ppb	< 65	< 6.5	< 0.65	< 0.65	< 0.65	< 0.65	**7**	*0.7*
cis-1,2-Dichloroethene/ppb	< 45	< 4.5	< 0.45	< 0.45	< 0.45	< 0.45	**70**	*7*
trans-1,2-Dichloroethene/ppb	< 54	< 5.4	< 0.54	< 0.54	< 0.54	< 0.54	**100**	*20*
1,2-Dichloropropane/ppb	< 43	< 4.3	< 0.43	< 0.43	< 0.43	< 0.43	**5**	*0.5*
2,2-Dichloropropane/ppb	< 310	< 31	< 3.1	< 3.1	< 3.1	< 3.1	==	==
1,3-Dichloropropane/ppb	< 42	< 4.2	< 0.42	< 0.42	< 0.42	< 0.42	==	==
Di-isopropyl ether/ppb	< 44	< 4.4	3.8	< 0.44	< 0.44	< 0.44	==	==
EDB (1,2-Dibromoethane)/ppb	< 63	< 6.3	< 0.63	< 0.63	< 0.63	< 0.63	**0.05**	*0.005*
Ethylbenzene/ppb	**1110**	101	< 0.71	< 0.71	< 0.71	< 0.71	**700**	*140*
Hexachlorobutadiene/ppb	< 220	< 22	< 2.2	< 2.2	< 2.2	< 2.2	==	==
Isopropylbenzene/ppb	< 82	< 8.2	< 0.82	< 0.82	< 0.82	< 0.82	==	==
p-Isopropyltoluene/ppb	< 110	< 11	< 1.1	< 1.1	< 1.1	< 1.1	==	==
Methylene chloride/ppb	< 130	< 13	< 1.3	< 1.3	< 1.3	< 1.3	**5**	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	< 110	< 11	< 1.1	< 1.1	< 1.1	< 1.1	**60**	*12*
Naphthalene/ppb	**281 "J"**	< 16	< 1.6	< 1.6	< 1.6	< 1.6	**100**	*10*
n-Propylbenzene/ppb	< 77	17.3 "J"	< 0.77	< 0.77	< 0.77	< 0.77	==	==
1,1,2,2-Tetrachloroethane/ppb	< 52	< 5.2	< 0.52	< 0.52	< 0.52	< 0.52	**0.2**	*0.02*
1,1,1,2-Tetrachloroethane/ppb	< 48	< 4.8	< 0.48	< 0.48	< 0.48	< 0.48	**70**	*7*
Tetrachloroethene (PCE)/ppb	< 49	< 4.9	< 0.49	< 0.49	< 0.49	< 0.49	**5**	*0.5*
Toluene/ppb	**5000**	33	< 0.44	< 0.44	< 0.44	< 0.44	**800**	*160*
1,2,4-Trichlorobenzene/ppb	< 170	< 17	< 1.7	< 1.7	< 1.7	< 1.7	**70**	*14*
1,2,3-Trichlorobenzene/ppb	< 270	< 27	< 2.7	< 2.7	< 2.7	< 2.7	==	==
1,1,1-Trichloroethane/ppb	< 84	< 8.4	< 0.84	< 0.84	< 0.84	< 0.84	**200**	*40*
1,1,2-Trichloroethane/ppb	< 48	< 4.8	< 0.48	< 0.48	< 0.48	< 0.48	**5**	*0.5*
Trichloroethene (TCE)/ppb	< 47	< 4.7	< 0.47	< 0.47	< 0.47	< 0.47	**5**	*0.5*
Trichlorofluoromethane/ppb	< 87	< 8.7	< 0.87	< 0.87	< 0.87	< 0.87	==	==
1,2,4-Trimethylbenzene/ppb	**490 "J"**	*107*	< 1.6	< 1.6	< 1.6	< 1.6		
1,3,5-Trimethylbenzene/ppb	< 150	*23.7 "J"*	< 1.5	< 1.5	< 1.5	< 1.5	**Total TMB's 480**	*Total TMB's 96*
Vinyl Chloride/ppb	< 17	< 1.7	< 0.17	< 0.17	< 0.17	< 0.17	**0.2**	*0.02*
m&p-Xylene/ppb	**2650**	*261*	< 2.2	< 2.2	< 2.2	< 2.2	**Total Xylenes 2000**	*Total Xylenes 400*
o-Xylene/ppb	**1010**	*193*	< 0.9	< 0.9	< 0.9	< 0.9		

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences
(ppb) = parts per billion
(ppm) = parts per million
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.2 Soil Analytical Results Table
Shortville Store BRRTS# 03-10-000581

																		DIRECT CONTACT PVOC		
Sample ID	Depth (feet)	Saturation U/S	Date	PID	TPH (ppm)	Lead (ppm)	Benzene (ppm)	1,2-Dichlore-thane (DCA) (ppm)	1,2-Dibromoe-thane (EDB) (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppm)	Exeedance Count	Hazard Index	Cumulative Cancer Risk
SS-1	3-5	U	02/05/91	NM	NS	9.36	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.30 TCLP Lead			
SS-1	5-7	S	02/05/91	NM	1030	NS	**3.3**	NS	NS	**29**	NS	NS	**52**	NS	NS	**154**	NS			
SS-2	6-8	S	02/05/91	NM	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
SS-3	6.5-7	S	02/05/91	NM	228.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
G-1-A	1.5	U	03/03/14	1.1	NS	NOT SAMPLED											NS	0		
G-1-1	3.5	U	03/03/14	408.0	NS	10.2	**0.410**	<0.360	<0.200	**14.2**	<0.300	**4.6**	**3.07**	**42**	**12.4**	**58.3**	NS	**1**	0.2542	2.9E-06
G-2-1	3.5	U	03/03/14	27.1	NS	10.1	**1.01**	<0.036	<0.020	0.520	<0.030	<0.114	0.059	0.223	0.073	1.428	NS	0	0.0122	7.0E-07
G-2-2	7.5	S	03/03/14	684.0	NS	5.61	**4.0**	<0.360	<0.200	**29.7**	<0.300	**6.4**	**13.2**	**41**	**12.8**	**62.6**	NS			
G-2-3	10.0	S	03/03/14	32.3	NS	NOT SAMPLED											NS			
G-3-1	3.5	U	03/03/14	2.1	NS	16.2	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS	0		
G-3-2	7.5	S	03/03/14	0.8	NS	4.35	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS			
G-3-3	10.0	S	03/03/14	4.7	NS	NOT SAMPLED											NS			
G-4-1	3.5	U	03/03/14	0.7	NS	2.18	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS	0		
G-4-2	7.5	S	03/03/14	0.7	NS	2.12	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS			
G-4-3	10.0	S	03/03/14	6.2	NS	NOT SAMPLED											NS			
G-5-1	3.5	U	03/03/14	3.1	NS	2.94	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS	0		
G-5-2	8.0	S	03/03/14	4.2	NS	3.93	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS			
G-6-1	3.5	U	03/03/14	3.0	NS	2.27	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS	0		
G-6-2	8.0	S	03/03/14	2.1	NS	8.4	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS			
G-6-3	10.0	S	03/03/14	2.9	NS	NOT SAMPLED											NS			
G-7-1	3.5	U	03/03/14	3.2	NS	6.14	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS	0		
G-7-2	8.0	S	03/03/14	1.5	NS	NOT SAMPLED											NS			
G-7-3	8.5	S	03/03/14	2.3	NS	2.75	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS			
G-8-1	3.5	S	03/03/14	3.5	NS	15.9	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS	0		
G-8-2	8.0	S	03/03/14	4.2	NS	6.68	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS			
G-8-3	10.0	S	03/03/14	4.2	NS	NOT SAMPLED											NS			
G-9-1	3.5	U	03/03/14	5.2	NS	7.74	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS	0		
G-9-2	8.0	S	03/03/14	3.4	NS	NOT SAMPLED											NS			
G-9-3	9.0	S	03/03/14	5.9	NS	1.15	<0.0092	<0.036	<0.020	<0.010	<0.030	<0.114	<0.020	<0.026	<0.026	<0.099	NS			
G-10-1	3.5	U	03/03/14	37.4	NS	13.2	**0.254**	<0.036	<0.020	0.580	<0.030	0.320	0.047	1.0	0.330	1.766	NS	0	0.0102	2.9E07
G-10-2	8.0	S	03/03/14	932.0	NS	3.04	**0.320**	<0.036	<0.020	0.093	<0.030	<0.114	0.121	0.066	0.031	0.137-0.168	NS			
G-10-3	12.0	S	03/03/14	12.4	NS	NOT SAMPLED											NS			
MW-1-1	3.5	U	04/25/16	1.8	NS	NS	**0.06**	NS	NS	<0.025	<0.025	<0.025	0.048	0.0275	<0.025	0.096	NS	0	0.0008	3.8E-08
MW-1-2	8.0	S	04/25/16	1900.0	NS	NS	**2.49**	NS	NS	**11.9**	<0.5	**4.7**	**21.2**	**17**	**10.1**	**47.8**	NS			
MW-1-3	11.0	S	04/25/16	6.3	NS	NS	**0.059**	NS	NS	0.0314	<0.025	<0.025	0.0278	<0.025	<0.025	<0.075	NS			
MW-1-4	15.0	S	04/25/16	20.0	NS	NS	<0.025	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-2-1	3.5	U	04/25/16	1.2	NS	NOT SAMPLED											NS	0		
MW-2-2	7.0	S	04/25/16	9.5	NS	NS	**0.117**	NS	NS	0.065	<0.025	0.044	0.049	0.13	0.045	0.576	NS			
MW-2-3	12.0	S	04/25/16	1.7	NS	NOT SAMPLED											NS			
MW-2-4	15.0	S	04/25/16	1.6	NS	NOT SAMPLED											NS			
MW-3-1	3.5	S	04/25/16	1.4	NS	NOT SAMPLED											NS	0		
MW-3-2	8.0	S	04/25/16	1.4	NS	NOT SAMPLED											NS			
MW-3-3	12.0	S	04/25/16	1.3	NS	NOT SAMPLED											NS			
MW-3-4	15.0	S	04/25/16	1.4	NS	NOT SAMPLED											NS			
MW-4-1	3.5	U	04/25/16	1.6	NS	NOT SAMPLED											NS	0		
MW-4-2	8.0	S	04/25/16	1.2	NS	NOT SAMPLED											NS			
MW-4-3	12.0	S	04/25/16	1.2	NS	NOT SAMPLED											NS			
MW-4-4	15.0	S	04/25/16	1.2	NS	NOT SAMPLED											NS			
MW-5-1	3.5	U	04/25/16	1.2	NS	NOT SAMPLED											NS	0		
MW-5-2	8.0	S	04/25/16	1.3	NS	NOT SAMPLED											NS			
MW-5-3	12.0	S	04/25/16	1.2	NS	NOT SAMPLED											NS			
MW-5-4	15.0	S	04/25/16	1.2	NS	NOT SAMPLED											NS			
MW-6-1	3.5	U	04/25/16	1.4	NS	NOT SAMPLED											NS	0		
MW-6-2	8.0	S	04/25/16	1.5	NS	NOT SAMPLED											NS			
MW-6-3	12.0	S	04/25/16	1.7	NS	NOT SAMPLED											NS			
MW-6-4	15.0	S	04/25/16	1.8	NS	NOT SAMPLED											NS			
Groundwater RCL					-	27	0.00512	0.00284	0.0000282	1.57	0.027	0.6582	1.11	1.38		3.96				
Non-Industrial Direct Contact RCL					-	400	1.6	0.652	0.05	8.02	63.8	5.52	818	219	182	258			1.00E+00	1.00E-05
Industrial Direct Contact RCL					(-)	(800)	(7.07)	(2.87)	(0.221)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(258)			1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	1820*	540*	-	480*	8870*	-	818*	219*	182*	258*				

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
Italics = Industrial Direct Contact RCL
NS = Not Sampled
NM = Not Measured
(ppm) = parts per million
ND = No Detects
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2 Soil Analytical Results Table
Shortville Store BRRTS# 03-10-000581

Sample ID	Depth (feet)	Saturation U/S	Date	PID	TPH (ppm)	Lead (ppm)	Benzene (ppm)	1,2-Dichlore-thane (DCA) (ppm)	1,2-Dibromoe-thane (EDB) (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppm)	DIRECT CONTACT PVOC		
																		Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-11-1	0-2	U	11/22/17	NM	NS	19.2	<0.025	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-11-2	2-4	U	11/22/17	NM	NS	3.98	<0.025	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-12-1	0-2	U	11/22/17	NM	NS	21.7	<0.025	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-12-2	2-4	U	11/22/17	NM	NS	10.2	<0.025	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-13-1	0-2	U	11/22/17	NM	NS	9.61	<0.025	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-13-2	2-4	U	11/22/17	NM	NS	7.81	<0.025	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
Groundwater RCL					-	27	0.00512	0.00284	0.0000282	1.57	0.027	0.6582	1.11	1.38		3.96				
Non-Industrial Direct Contact RCL					-	400	1.6	0.652	0.05	8.02	63.8	5.52	818	219	182	258			1.00E+00	1.00E-05
Industrial Direct Contact RCL					(-)	(800)	(7.07)	(2.87)	(0.221)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(258)			1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	1820*	540*	-	480*	8870*	-	818*	219*	182*	258*				

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
Italics = Industrial Direct Contact RCL
NS = Not Sampled
NM = Not Measured
(ppm) = parts per million
ND = No Detects
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.3 Residual Soil Contamination
Shortville Store BRRTS# 03-10-000581

Sample ID	Depth (feet)	Saturation U/S	Date	PID	TPH (ppm)	Lead (ppm)	Benzene (ppm)	1,2-Dichlore-thane (DCA) (ppm)	1,2-Dibromoe-thane (EDB) (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppm)	DIRECT CONTACT PVOC		
																		Exeedance Count	Hazard Index	Cumulative Cancer Risk
SS-1	5-7	S	02/05/91	NM	1030	NS	**3.3**	NS	NS	**29**	NS	NS	**52**	NS	NS	**154**	NS			
G-1-1	3.5	U	03/03/14	408.0	NS	10.2	**0.410**	<0.360	<0.200	**14.2**	<0.300	**4.6**	**3.07**	**42**	**12.4**	**58.3**	NS	1	0.2542	2.9E-06
G-2-1	3.5	U	03/03/14	27.1	NS	10.1	**1.01**	<0.036	<0.020	0.520	<0.030	<0.114	0.059	0.223	0.073	1.428	NS	0	0.0122	7.0E-07
G-2-2	7.5	S	03/03/14	684.0	NS	5.61	**4.0**	<0.360	<0.200	**29.7**	<0.300	**6.4**	**13.2**	**41**	**12.8**	**62.6**	NS			
G-10-1	3.5	U	03/03/14	37.4	NS	13.2	**0.254**	<0.036	<0.020	0.580	<0.030	0.320	0.047	1.0	0.330	1.766	NS	0	0.0102	2.9E07
G-10-2	8.0	S	03/03/14	932.0	NS	3.04	**0.320**	<0.036	<0.020	0.093	<0.030	<0.114	0.121	0.066	0.031	0.137-0.168	NS			
MW-1-1	3.5	U	04/25/16	1.8	NS	NS	**0.06**	NS	NS	<0.025	<0.025	<0.025	0.048	0.0275	<0.025	0.096	NS	0	0.0008	3.8E-08
MW-1-2	8.0	S	04/25/16	1900.0	NS	NS	**2.49**	NS	NS	**11.9**	<0.5	**4.7**	**21.2**	**17**	**10.1**	**47.8**	NS			
MW-1-3	11.0	S	04/25/16	6.3	NS	NS	**0.059**	NS	NS	0.0314	<0.025	<0.025	0.0278	<0.025	<0.025	<0.075	NS			
MW-2-2	7.0	S	04/25/16	9.5	NS	NS	**0.117**	NS	NS	0.065	<0.025	0.044	0.049	0.13	0.045	0.576	NS			
Groundwater RCL					-	27	**0.00512**	**0.00284**	**0.0000282**	**1.57**	**0.027**	**0.6582**	**1.11**	**1.38**		**3.96**				
Non-Industrial Direct Contact RCL					-	400	**1.6**	**0.652**	**0.05**	**8.02**	**63.8**	**5.52**	**818**	**219**	**182**	**258**			1.00E+00	1.00E-05
Industrial Direct Contact RCL					(-)	(800)	**(7.07)**	**(2.87)**	**(0.221)**	**(35.4)**	**(282)**	**(24.1)**	**(818)**	**(219)**	**(182)**	**(258)**			1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	**1820***	**540***	-	**480***	**8870***	-	**818***	**219***	**182***	**258***				

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
Italics = Industrial Direct Contact RCL
NS = Not Sampled
NM = Not Measured
(ppm) = parts per million
ND = No Detects
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.6 Water Level Elevations
Shortville Store Site BRRT's# 03-10-000581
Shortville, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Ground Surface (feet msl)	1008.12	1008.41	1006.04	1008.49	1008.69	1008.38
PVC top (feet msl)	1007.73	1007.92	1005.59	1008.09	1008.32	1008.08
PVC top re-surveyed 10-19-17 (feet msl)				1008.08	1008.22	
Well Depth (feet)	14.00	14.00	14.00	14.00	14.00	13.00
Top of screen (feet msl)	1004.12	1004.41	1002.04	1004.49	1004.69	1005.38
Bottom of screen (feet msl)	994.12	994.41	992.04	994.49	994.69	995.38
Depth to Water From Top of PVC (feet)						
07/20/16	4.52	4.10	2.35	5.04	4.26	3.55
10/20/16	3.35	3.64	1.39	4.04	3.69	2.98
01/19/17	2.95	3.61	1.38	3.75	4.00	2.80
04/19/17	2.62	2.73	0.97	3.58	2.92	2.03
07/19/17	3.39	3.29	1.65	4.25	3.64	2.71
10/19/17	3.66	3.71	1.84	4.06	3.84	2.97
Depth to Water From Ground Surface (feet)						
07/20/16	4.91	4.59	2.80	5.44	4.63	3.85
10/20/16	3.74	4.13	1.84	4.44	4.06	3.28
01/19/17	3.34	4.10	1.83	4.15	4.37	3.10
04/19/17	3.01	3.22	1.42	3.98	3.29	2.33
07/19/17	3.78	3.78	2.10	4.65	4.01	3.01
10/19/17	4.05	4.20	2.29	4.47	4.31	3.27
Groundwater Elevation (feet msl)						
07/20/16	1003.21	1003.82	1003.24	1003.05	1004.06	1004.53
10/20/16	1004.38	1004.28	1004.20	1004.05	1004.63	1005.10
01/19/17	1004.78	1004.31	1004.21	1004.34	1004.32	1005.28
04/19/17	1005.11	1005.19	1004.62	1004.51	1005.40	1006.05
07/19/17	1004.34	1004.63	1003.94	1003.84	1004.68	1005.37
10/19/17	1004.07	1004.21	1003.75	1004.02	1004.38	1005.11

A.7 Other
Groundwater NA Indicator Results
Shortville Store Site BRRT's# 03-10-000581

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
07/20/16	0.47	6.43	-53	21.6	1740	0.44	1.45	35.9	**8920**
10/20/16	0.73	6.17	-4	15.9	1226	NS	NS	NS	NS
01/19/17	1.66	6.88	-43	4.9	892	NS	NS	NS	NS
04/19/17	3.01	6.73	-101	7.4	1450	NS	NS	NS	NS
07/19/17	1.67	6.59	4	16.6	536	NS	NS	NS	NS
10/19/17	1.29	7.12	33	15.6	219	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
07/20/16	0.53	6.07	69	17.4	1175	0.39	5.68	5.88	**1680**
10/20/16	1.89	5.96	45	15.3	610	NS	NS	NS	NS
01/19/17	1.93	6.5	-23	5.0	1012	NS	NS	NS	NS
04/19/17	9.97	6.41	239	7.0	308	NS	NS	NS	NS
07/19/17	3.83	7.16	247	16.4	1249	NS	NS	NS	NS
10/19/17	2.58	7.27	116	15.8	1536	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
07/20/16	0.50	6.14	198	14.7	1020	<0.15	9.78	0.38	**1990**
10/20/16	1.64	5.51	87	15.8	1012	NS	NS	NS	NS
01/19/17	2.87	6.62	21	5.5	711	NS	NS	NS	NS
04/19/17	4.15	6.21	221	5.97	1642	NS	NS	NS	NS
07/19/17	4.16	6.82	226	16.4	944	NS	NS	NS	NS
10/19/17	3.28	6.74	226	16.3	845	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

A.7 Other
Groundwater NA Indicator Results
Shortville Store Site BRRT's# 03-10-000581

Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
07/20/16	0.42	5.48	161	12.2	724	<0.15	17.9	0.54	**1170**
10/20/16	2.17	6.03	191	15.7	613	NS	NS	NS	NS
01/19/17	4.63	6.19	71	5.2	756	NS	NS	NS	NS
04/19/17	7.38	5.81	288	5.92	329	NS	NS	NS	NS
07/19/17	5.13	6.47	304	16.1	811	NS	NS	NS	NS
10/19/17	3.18	7.16	218	15.9	1861	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
07/20/16	1.05	5.46	82	17.2	890	<0.15	11.1	1.46	**1840**
10/20/16	2.84	5.63	201	15.4	938	NS	NS	NS	NS
01/19/17	3.59	6.17	152	5.3	1053	NS	NS	NS	NS
04/19/17	12.97	6.36	299	7.96	610	NS	NS	NS	NS
07/19/17	4.82	6.99	296	16.3	1816	NS	NS	NS	NS
10/19/17	3.94	7.03	257	16.0	1017	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-6

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
07/20/16	1.43	5.47	331	17.9	452	0.69	11.3	0.22	**376**
10/20/16	3.11	5.58	203	15.6	365	NS	NS	NS	NS
01/19/17	6.32	5.53	276	5.1	576	NS	NS	NS	NS
04/19/17	14.05	5.62	269	7.78	477	NS	NS	NS	NS
07/19/17	5.78	7.06	313	15.9	3810	NS	NS	NS	NS
10/19/17	4.46	6.97	249	16.1	658	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

A.7 Other
Shortville Store
Slug Test Calculations

MW-1

	ft/s	cm/s	m/yr
K	6.37E-06	1.94E-04	61.23
	sq ft/s	**sq cm/s**	
T	6.04E-05	5.61E-02	

MW-2

	ft/s	cm/s	m/yr
K	7.69E-06	2.34E-04	73.92
	sq ft/s	**sq cm/s**	
T	7.61E-05	7.07E-02	

MW-4

	ft/s	cm/s	m/yr
K	8.44E-06	2.57E-04	81.13
	sq ft/s	**sq cm/s**	
T	7.56E-05	7.02E-02	

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (I)
7/20/2016	1004.50	1003.25	52	0.0240385
10/20/2016	1005.00	1004.25	110	0.0068182
1/19/2017	1005.25	1004.25	125	0.0080000
4/19/2017	1006.00	1004.75	139	0.0089928
7/19/2017	1005.25	1004.00	135	0.0092593
10/19/2017	1005.00	1004.00	67	0.0149254
Average				0.0120057

	K (m/yr)	I	n	Flow Velocity (m/yr)
MW-1	61.23	0.0120057	0.3	2.45036
MW-2	73.92	0.0120057	0.3	2.95820
MW-4	81.13	0.0120057	0.3	3.24674

Attachment B/Maps and Figures

B.1 Location Maps

B.1.a Location Map

B.1.b Detailed Site Map

B.1.c RR Sites Map

B.2 Soil Figures

B.2.a Soil Contamination

B.2.b Residual Soil Contamination

B.3 Groundwater Figures

B.3.a Geologic Cross-Section Figure(s)

B.3.b Groundwater Isoconcentration

B.3.c Groundwater Flow Direction

B.3.d Monitoring Wells

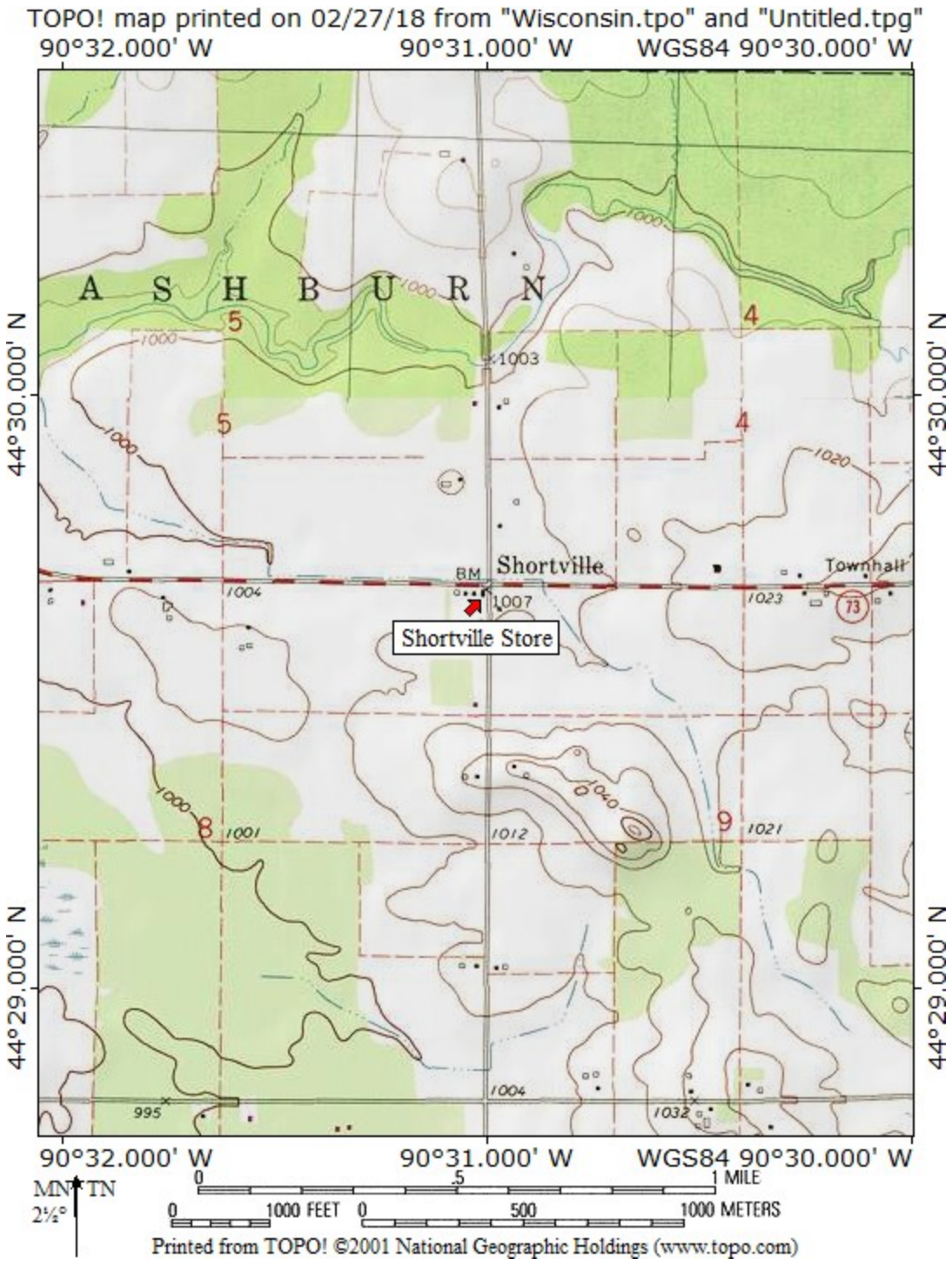
B.4 Vapor Maps and Other Media

B.4.a Vapor Intrusion Map - No vapor samples were assessed as part of the site investigation.

B.4.b Other media of concern (e.g., sediment or surface water) – No surface waters or sediments were sampled as part of this site investigation.

B.4.c Other – No other relevant maps and/or figures are being included.

B.5 Structural Impediment Photos – No structural impediments interfered with the investigation, therefore no photos are being included.



B.1.a LOCATION MAP CONTOUR INTERVAL 10 FEET
SHORTVILLE STORE – SHORTVILLE, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

B.I.b
DETAILED SITE MAP

SHORTVILLE STORE

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8870
Fax: (608) 781-8893
Excellence through experience

TOWN OF WASHBURN
(SHORTVILLE), WISCONSIN

DRAWN BY: ED
DATE: 04/29/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- DOT PHASE 2 SOIL BORING LOCATION (1991)
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- PROPERTY BOUNDARY
- BURIED PHONE/FIBER OPTIC
- OVERHEAD ELECTRIC

SCALE:
1 INCH = 30 FEET
0 15 30

STATE HIGHWAY 73

MILLER AVENUE

ESTIMATED LOCATION OF REMOVED UST SYSTEMS

FORMER SHORTVILLE STORE PROPERTY

MAZOUREK RESIDENCE
PARCEL ID # 058-0082-000

WESTBAY RESIDENCE
PARCEL ID # 058-0181-000

PARCEL ID # 058-0151-000

MORTENSON RESIDENCE
W4109 STH 73

PARCEL ID # 058-0151-001

DRIVEWAY

FENCE

FENCE

FENCE

G-1
G-1A
G-2
G-3
G-4
G-5
G-6
G-7
G-8
G-9
G-10
G-11
G-12
G-13
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
SS-1
SS-2
SS-3

B.1.c RR Sites Map

Legend

- Open Site (ongoing cleanup)
- Closed Site (completed cleanup)
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
  - Interstate Highway
  - State Highway
  - US Highway
- County and Local Roads
  - County HWY
  - Local Road
- Railroads
- Tribal Lands

Notes

0.5 0 0.25 0.5 Miles

NAD_1983_HARN_Wisconsin_TM

1: 15,840

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made aregarding accuracy, applicability for a particular use, completemenss, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: http://dnr.wi.gov/org/legal/

Note: Not all sites are mapped.

B.2.a
SOIL CONTAMINATION
SHORTVILLE STORE

METCO
709 GILLETTE ST. STE 3
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Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

TOWN OF WASHBURN
(SHORTVILLE), WISCONSIN

DRAWN BY: ED
DATE: 04/29/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- DOT PHASE 2 SOIL BORING LOCATION (1991)
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- PROPERTY BOUNDARY
- BURIED PHONE/FIBER OPTIC
- OVERHEAD ELECTRIC

SCALE:
1 INCH = 30 FEET
0 15 30

STATE HIGHWAY 73

MILLER AVENUE

ESTIMATED LOCATION OF REMOVED UST SYSTEMS

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

FORMER SHORTVILLE STORE PROPERTY

MORTENSON RESIDENCE
W4109 STH 73

DRIVEWAY

FENCE

FENCE

FENCE

G-1
G-1A
G-2
G-3
G-4
G-5
G-6
G-7
G-8
G-9
G-10
G-11
G-12
G-13
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
SS-1
SS-2
SS-3

B.2.b RESIDUAL SOIL CONTAMINATION

SHORTVILLE STORE

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TOWN OF WASHBURN
(SHORTVILLE), WISCONSIN

DRAWN BY: ED
DATE: 04/29/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA, ACTUAL CONDITIONS MAY DIFFER

- DOT PHASE 2 SOIL BORING LOCATION (1991)
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- PROPERTY BOUNDARY
- BURIED PHONE/FIBER OPTIC
- OVERHEAD ELECTRIC

SCALE:
1 INCH = 30 FEET
0 15 30

STATE HIGHWAY 73

MILLER AVENUE

MW-2

ESTIMATED LOCATION OF REMOVED UST SYSTEMS

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

SS-3
SS-2
G-10
MW-1
G-2
SS-1
G-1
G-1A

FORMER SHORTVILLE STORE PROPERTY

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

MORTENSON RESIDENCE
W4109 STH 73

DRIVEWAY

FENCE
FENCE
FENCE

B.3.a.I GEOLOGIC CROSS SECTION FIGURE

SHORTVILLE STORE

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TOWN OF WASHBURN
(SHORTVILLE), WISCONSIN

DRAWN BY: ED
DATE: 04/29/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- DOT PHASE 2 SOIL BORING LOCATION (1991)
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- PROPERTY BOUNDARY
- BURIED PHONE/FIBER OPTIC
- OVERHEAD ELECTRIC

SCALE:
1 INCH = 30 FEET
0 15 30

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL

PAL

ES

STATE HIGHWAY 73

ESTIMATED LOCATION OF REMOVED UST SYSTEMS

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

FORMER SHORTVILLE STORE PROPERTY

MORTENSON RESIDENCE
W4109 STH 73

DRIVEWAY

MILLER AVENUE

A

A'

G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11 G-12 G-13

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6

SS-1 SS-2 SS-3

FENCE FENCE FENCE

B.3.a.2 GEOLOGIC CROSS SECTION FIGURE (CLOSE UP)

SHORTVILLE STORE

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Fax: (608) 781-8893
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TOWN OF WASHBURN
(SHORTVILLE), WISCONSIN

DRAWN BY: ED
DATE: 04/29/2014

N

● = DOT PHASE 2 SOIL BORING LOCATION (1991)
X = GEOPROBE BORING LOCATION
◐ = MONITORING WELL LOCATION
= PROPERTY BOUNDARY
= BURIED PHONE/FIBER OPTIC
= OVERHEAD ELECTRIC

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 20 FEET
0 20

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL

PAL

ES

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED LOCATION OF REMOVED UST SYSTEMS

FORMER SHORTVILLE STORE PROPERTY

STATE HIGHWAY 73

MILLER AVENUE

FENCE

DRIVEWAY

A

A'

G-1
G-1A
G-2
G-3
G-4
G-5
G-6
G-7
G-8
G-9
G-10
G-11
G-12
G-13
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
SS-1
SS-2
SS-3

B.3.a.3 GEOLOGIC CROSS SECTION FIGURE

SHORTVILLE STORE

METCO
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
"excellence through experience"

TOWN OF WASHBURN (SHORTVILLE), WISCONSIN

DRAWN BY: JJ

DATE: 1/18/18

NOTE: SOIL RESULTS SHOW DETECTS AND EXCEEDANCES THAT HAVE BEEN DOCUMENTED ON THE MAP. SEE DATA TABLES AND/OR LABORATORY REPORTS FOR ALL RESULTS

NOTE: SOIL AND GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS:
- GEOPROBE PROJECT (3/3/14)
- DRILLING PROJECT (4/25/16)
- ROUND 6 GROUNDWATER SAMPLING (10/19/17)

- ◕ - MONITORING WELL LOCATION
- ● - SOIL BORING LOCATION
- ◍ - DOT PHASE 2 SOIL BORING LOCATION (1991)
- ✕ - SOIL SAMPLING LOCATION
- ▼ - WATERTABLE (BASED ON ALL-TIME LOW WATER TABLE

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

SOIL SAMPLE RESULTS ARE PRESENTED IN PARTS PER MILLION (PPM).

GROUNDWATER SAMPLE RESULTS ARE PRESENTED IN PARTS PER BILLION (PPB).

GROUNDWATER FLOW IS TOWARD THE NORTH/NORTHWEST.

ND - NO DETECT
PID - PHOTO IONIZATION DETECTOR
GRO - GASOLINE RANGE ORGANICS
DRO - DIESEL RANGE ORGANICS
PAH - POLYNUCLEAR AROMATIC HYDROCARBONS
PVOC - PETROLEUM VOLATILE ORGANIC COMPOUNDS
B - BENZENE
E - ETHYLBENZENE
MTBE - METHYL-TERT-BUTYL-ETHER
N - NAPHTHALENE
T - TOLUENE
TMB - TRIMETHYLBENZENE
TPH - TOTAL PETROLEUM HYDROCARBONS
X - XYLENE

HORIZONTAL SCALE:
1 INCH - 20 FEET
0 20

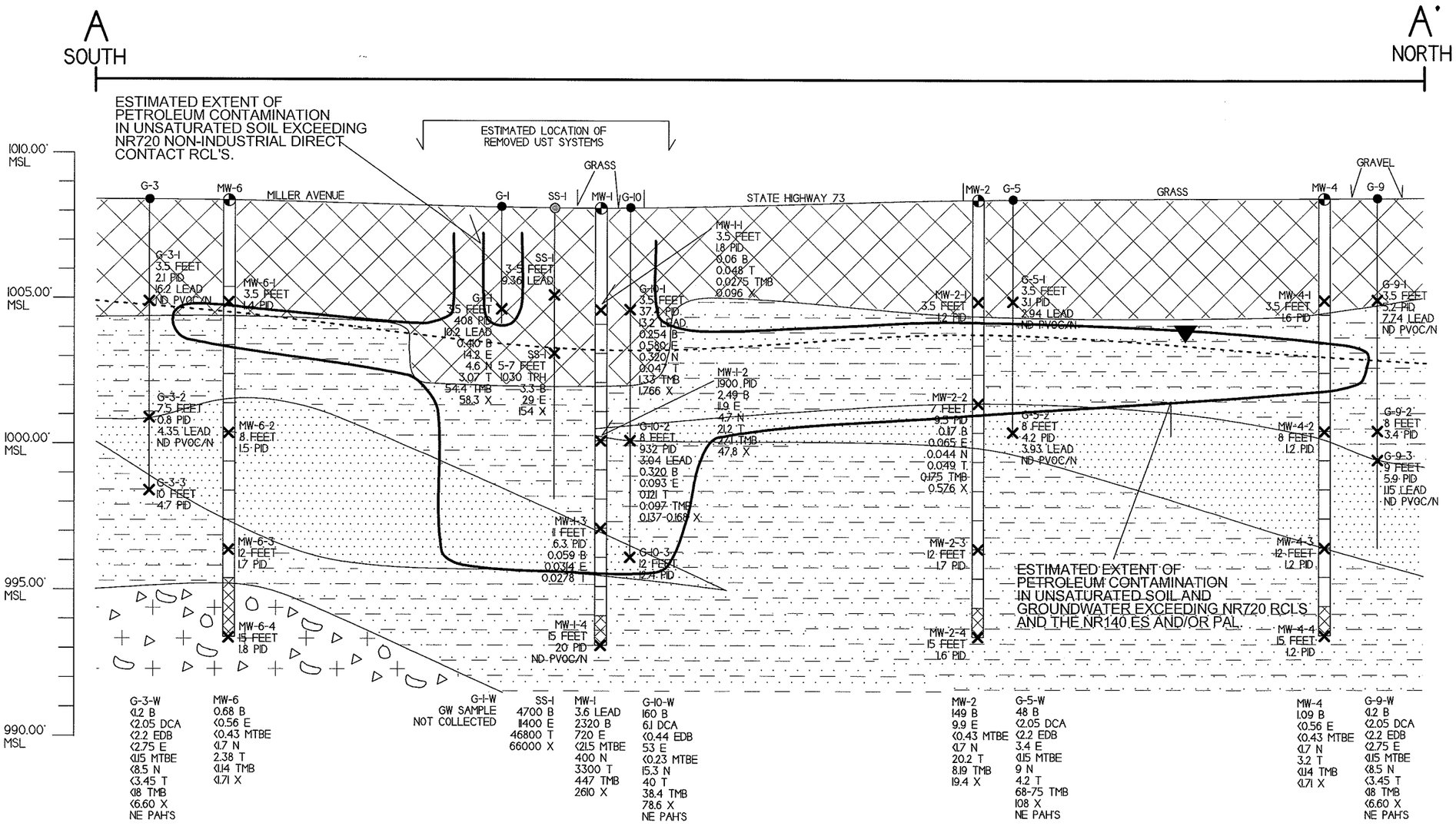
VERTICAL SCALE:
1 INCH - 4 FEET
4 0

TAN TO GRAY TO BROWN TO WHITE VERY FINE TO MEDIUM GRAINED SAND WITH SOME GRAVEL

TAN TO GRAY SANDY CLAY

GREEN WEATHERED BEDROCK/ROCK/ BOULDERS

FILL MATERIAL (SAND AND GRAVEL)



B.3.b GROUNDWATER ISOCONCENTRATION (10/19/17)

SHORTVILLE STORE

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709 GILLETTE ST. STE 3
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Tel: (608) 781-6879
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Excellence through experience

TOWN OF WASHBURN
(SHORTVILLE), WISCONSIN

DRAWN BY: ED
DATE: 04/29/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- DOT PHASE 2 SOIL BORING LOCATION (1991)
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- PROPERTY BOUNDARY
- BURIED PHONE/FIBER OPTIC
- OVERHEAD ELECTRIC

SCALE:
1 INCH = 30 FEET
0 15 30

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL

PAL
ES

STATE HIGHWAY 73

ESTIMATED LOCATION OF REMOVED UST SYSTEMS

FORMER SHORTVILLE STORE PROPERTY

MILLER AVENUE

MORTENSON RESIDENCE
W4109 STH 73

DRIVEWAY

FENCE
FENCE
FENCE

G-1
G-1A
G-2
G-3
G-4
G-5
G-6
G-7
G-8
G-9
G-10
G-11
G-12
G-13
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
SS-1
SS-2
SS-3

B.3.c GROUNDWATER FLOW DIRECTION (10/19/17)

SHORTVILLE STORE

METCO
709 GILLETTE ST. STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

TOWN OF WASHBURN
(SHORTVILLE), WISCONSIN

DRAWN BY: ED
DATE: 04/29/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- DOT PHASE 2 SOIL BORING LOCATION (1991)
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- PROPERTY BOUNDARY
- BURIED PHONE/FIBER OPTIC
- OVERHEAD ELECTRIC

SCALE:
1 INCH = 30 FEET
0 15 30

STATE HIGHWAY 73

MILLER AVENUE

G-9 1004.02' MSL
MW-4 1004.00' MSL
1004.25' MSL
G-5
G-6
1003.75' MSL
MW-3
MW-2
1004.38' MSL
MW-5
G-8
1004.21' MSL
ESTIMATED LOCATION OF REMOVED UST SYSTEMS
1004.50' MSL
1004.07' MSL
G-7
G-13
SS-3
SS-2
G-10
MW-1
G-2
1004.75' MSL
G-4
SS-1
G-1
G-1A
G-12
G-11
FORMER SHORTVILLE STORE PROPERTY
1005.00' MSL
MW-6
1005.11' MSL
G-3
DRIVEWAY
MORTENSON RESIDENCE
W4109 STH 73
FENCE
FENCE
FENCE

B.3.d
MONITORING WELLS
SHORTVILLE STORE

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax (608) 781-8893
Excellence through experience

TOWN OF WASHBURN
(SHORTVILLE), WISCONSIN

DRAWN BY: ED
DATE: 04/29/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- MONITORING WELL LOCATION - PROPOSED TO BE ABANDONED
- PROPERTY BOUNDARY
- BURIED PHONE/FIBER OPTIC
- OVERHEAD ELECTRIC

SCALE:
1 INCH = 30 FEET
0 15 30

MW-4
MW-2
MW-3
MW-5
MW-1
MW-6

MAZOUREK RESIDENCE
PARCEL ID # 058-0082-000

STATE HIGHWAY 73

ESTIMATED LOCATION OF REMOVED UST SYSTEMS

FORMER SHORTVILLE STORE PROPERTY

WESTBAY RESIDENCE
PARCEL ID # 058-0181-000

MILLER AVENUE

MORTENSON RESIDENCE
W4109 STH 73

PARCEL ID # 058-0151-000

PARCEL ID # 058-0151-001

DRIVEWAY

FENCE
FENCE
FENCE

Attachment C/Documentation of Remedial Action

C.1 Site Investigation documentation – All site investigation activities are documented in the Site Investigation Report, which is being submitted concurrently with this report.

C.2 Investigative waste

C.3 Provide a description of the methodology used along with all supporting documentation if the Residual Contaminant Levels are different than those contained in the Department's RCL Spreadsheet available at: http://dnr.wi.goc/topic/brownfields.Professionals.html\ - Residual Contaminant Levels (RCLs) were established in accordance with NR720.10 and NR720.12. Soil RCLs for the protection of the groundwater pathway and for non-industrial direct contact were taken from the RR programs RCL speadsheet.

C.4 Construction documentation – No Remedial actions and/or interim actions specified in s.NR724.01(1) occurred at this site.

C.5 Decommissioning of Remedial Systems – No remedial systems were installed as part of this site investigation.

C.6 Other – Not applicable

C.2 Investigative Waste

DKS Transport Services, LLC
N7349 548th Street
Menomonie, WI 54751
715-556-2604

INVOICE

4-28 20 16

CUSTOMER: Renee Mortenson % MSA
709 Gillette Street, Ste 3
La Crosse WI 54603

JOB NAME: Shortville Store
Shortville WI

☐ CASH ☐ CHECK # _____ ☒ IN-HOUSE ACCOUNT

QUANTITY DATE	QUANTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRICE	AMOUNT
	1	Mobilization	1	287 70	287 70
	2	Haul soil drums to Advanced Disposal-EC	2	108 15	216 30
	1	Haul water drum to Advanced Disposal-EC	1	42 11	42 11
		Thank You			
				TOTAL	546 11

Due upon receipt of invoice.
1.5% per month Service Charge (18% Annual Percentage Rate) will be added to past due accounts.

SIGNATURE _____

158

Inv Waste Disposal
Reviewed 4/29/16
OK

Attachment D/Maintenance Plan(s)

D.1 Descriptions of maintenance action(s) required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required – A cap maintenance plan was not required as part of this site investigation

D.2 Location map(s) which show(s) - A cap maintenance plan was not required as part of this site investigation

D.3 Photographs - A cap maintenance plan was not required as part of this site investigation

D.4 Inspection log - A cap maintenance plan was not required as part of this site investigation

Attachment E/Monitoring Well Information

All wells have been located and will be properly abandoned upon WDNR granting closure to the site.

Attachment F/Source Legal Documents

F.1 Deeds – Source Property

F.2 Certified Survey Map

F.3 Verification of Zoning

F.4 Signed Statement

F.1 Deed - Source Property

NUMBER	RECORDED:	INDEXED TO:	RETURN TO:
433807	January 14 19 92 AT 1:00 P.M.	pt NE-NE-8-23-1W	Thomas + Renee Mortenson Rt 1 Neillsville, Wi
Vol. 494 OR	Eugene Oberle Register of Deeds, Clark Co., WI		Paid $ 10.00 Cash ☒
Page 544	By Sharon Ratsch Deputy		Chg. $ Total $ 10.00 Check ☐

DOCUMENT NO. STATE BAR OF WISCONSIN FORM 3 — 1988

QUIT CLAIM DEED

433807 VOL. 494 PAGE 544
RCVD & RECORDED 1/14/92
AT 1:00 PM IN VOL
494 OF RECDS, PAGE 544.
CLARK CO, WIS BY
Eugene Oberle
Sharon Ratsch, Deputy

RETURN TO: Thomas + Renee Mortenson Rt 1 Neillsville, Wi Pd $10.00 Cash

Robert L Mortenson
Carol Mortenson

quit-claims to Thomas and Renee Mortenson

the following described real estate in CLARK County, State of Wisconsin:

N 208-2/3' of E 209' of NE-NE except the W85' thereof Sec. 8 Twp. 23 NR1W.

Tax Parcel No:

FEE # 11.25 (8) EXEMPT

This is (is) [is not] homestead property.

Dated this 14 day of January 19 92

X Carol Mortenson (SEAL)
CAROL MORTENSON

X (SEAL)

AUTHENTICATION

Signature(s)

authenticated this day of 19

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Carol Mortenson

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN
Clark County. ss.

Personally came before me this 14 day of January 1992 the above-named
Carol Mortenson
to me known to be the person who executed the foregoing instrument and acknowledge the same.
Sharon Ratsch
SHARON RATSCH

Notary Public Clark County, Wis.
My Commission is permanent. (If not, state expiration date: 9-19 1993.)

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

H.C. Miller Company

STATE BAR OF WISCONSIN FORM No. 3 — 1988

Stock No. 13003

F.Z. Certified Survey Map

F.3 Verification of Zoning

2017 Property Record | Clark County, WI

2017 Tax Bill

Property information is valid as of 05/07/18
When paying delinquent taxes contact the County Treasurer's Office for exact payoff amount.

OWNER

THOMAS MORTENSON
W4109 ST HWY 73
NEILLSVILLE, WI 54456

CO-OWNER(S)

RENEE MORTENSON

PROPERTY INFORMATION

Parcel ID: *058.0151.000*

School Districts:

NEILLSVILLE SD 3899

Section	Town	Range
8	23N	1W

Lot:

Block:

Plat Name

PROPERTY DESCRIPTION

Legal description not valid for conveyances

N 208 2/3' OF E 209' OF NE-NE EX W 85' THEREOF SEC 8 TWP 23 N R 1 W

Property Address:

Municipality: *TOWN OF WASHBURN*

DEED INFORMATION

Volume	Page	Document #
		0
494	544	0
		0

TAX INFORMATION

Net Tax Before Credits: *28.23*

Lottery Credit: *.00*

First Dollar Credit: *.00*

Net Tax After: *28.23*

	Amt. Due	Amt. Paid	Balance
Net Tax:	28.23	28.23	.00
Special Assessment:	.00	.00	.00
Special Charges:	.00	.00	.00
Delinquent Charges:	.00	.00	.00
Woodland Tax:	.00	.00	.00
Private Forest Crop:	.00	.00	.00
Managed Forest Crop:	.00	.00	.00
Tax Interest:	.00	.00	.00
Tax Penalty:	.00	.00	.00
Other Charges Due:	.00	.00	.00
Total:	28.23	28.23	.00

LAND VALUATION

Assessed values not finalized until after Board of Review.

Code	Acres	Land Value	Improvements	Total
GL1	.59	1,500	0	1,500
		0	0	0
		0	0	0
		0	0	0
		0	0	0
		0	0	0
	.59	1,500	0	1,500

= "Residential"

Total Acres: *.59*

Assessment Ratio: *.8811*

Mill Rate: *.01882275*

Fair Market Value: *1,700*

INSTALLMENT

Period	End Date	Amount
1	1/31/2018	28.23
2		

PAYMENT HISTORY (POSTED PAYMENTS)

Date	Receipt #	Type	Amount	Interest	Penalty	Total
01/31/2018	0225252	R	28.23			28.23

F.4. Signed Statement

WDNR BRRTS Case #: 03-10-000581

WDNR Site Name: Shortville Store

Geographic Information System (GIS) Registry of Closed Remediation Sites

In compliance with the revisions to the NR 700 rule series requiring certain closed sites to be listed on the Geographic Information System (GIS) Registry of Closed Remediation Sites (Registry) effective Nov., 2001, I have provided the following information.

To the best of my knowledge the legal descriptions provided and attached to this statement are complete and accurate.

Responsible Party:

Renee Mortenson
(print name/title)

Renee Mortenson 4/2/18
(signature) (date)

Attachment G/Notification to Owners of Impacted Properties

Notification letters to affected off-site properties were not submitted in this report.

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1300 W. Clairemont Ave.
Eau Claire WI 54701

AFFECTED
A
PROPERTY

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

July 31, 2019

Mr. Adolph Mazourek
23669 Crocus St. NW
St. Francis, WI 55070

Subject: Notice of Completion of Environmental Work at Shortville Store Former, W4109 STH 73, Neillsville, 54456
DNR BRTTS Activity #: 03-10-000581

Dear Mr. Mazourek:

The Department of Natural Resources (DNR) recently approved the completion of the environmental work done at the Shortville Store Former site. This letter describes how that approval affects your property; you are not required to take any action.

State law directs parties responsible for contamination to take actions to restore the environment and minimize harmful effects. The law allows some contamination to remain in soil and groundwater if it does not pose a threat to public health, safety, welfare or to the environment.

On May 30, 2018, you received information from METCO about the contamination at Shortville Store Former. Contaminants are present in groundwater beneath your property. Over time, this contamination will clean up on its own. You are not responsible for cleaning up the contamination that has migrated beneath your property (Wis. Stat. § 292.13).

Sample results have confirmed that the drinking water from your private well has not been affected by the contamination.

If you construct or reconstruct a well on your property in the future, prior approval is required by Wis. Admin. § NR 812 to help ensure a safe well (use DNR form 3300-254 found online at dnr.wi.gov and search "3300-254"). Local ordinances may also apply.

Groundwater on your property is very shallow. If excavation is conducted and dewatering is necessary, a discharge permit may be required. More information is available at dnr.wi.gov and search "wastewater permits". Excavated materials may need to be handled in accordance with applicable solid waste rules.

Additional information about this case is available in the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) at dnr.wi.gov and search "BOTW". Enter "03-10-000581" in the **activity number** field in the initial screen, then click on **search**. Scroll down and click on the **CO Packet** link for information about the completion of the environmental work.

If you cannot access the BOTW website, or have additional concerns or questions regarding this case, you may contact Matt Thompson, the DNR Project Manager, at (715) 839-350 or matthewa.thompson@wisconsin.gov.

AFFECTED
A
PROPERTY

Sincerely,

Dave Rozeboom, Team Supervisor
West Central Region, Remediation & Redevelopment Program

cc. Thomas and Renee Mortenson, W4109 STH 73, Neillsville (electronic)
Jason Powell, METCO (electronic)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1300 W. Clairemont Ave.
Eau Claire WI 54701

AFFECTED
B
PROPERTY

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

July 31, 2019

Mr. Goodwin Westabay
N2048 Miller Avenue
Neillsville, WI 454

Subject: Notice of Completion of Environmental Work at Shortville Store Former, W4109 STH 73, Neillsville, 54456
DNR BRTTS Activity #: 03-10-000581

Dear Mr. Westabay:

The Department of Natural Resources (DNR) recently approved the completion of the environmental work done at the Shortville Store Former site. This letter describes how that approval affects your property; you are not required to take any action.

State law directs parties responsible for contamination to take actions to restore the environment and minimize harmful effects. The law allows some contamination to remain in soil and groundwater if it does not pose a threat to public health, safety, welfare or to the environment.

On May 30, 2018, you received information from METCO about the contamination at Shortville Store Former. Contaminants are present in groundwater beneath your property. Over time, this contamination will clean up on its own. You are not responsible for cleaning up the contamination that has migrated beneath your property (Wis. Stat. § 292.13).

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If you construct or reconstruct a well on your property in the future, prior approval is required by Wis. Admin. § NR 812 to help ensure a safe well (use DNR form 3300-254 found online at dnr.wi.gov and search "3300-254"). Local ordinances may also apply.

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AFFECTED
B
PROPERTY

Sincerely,

Dave Rozeboom, Team Supervisor
West Central Region, Remediation & Redevelopment Program

cc. Thomas and Renee Mortenson, W4109 STH 73, Neillsville (electronic)
Jason Powell, METCO (electronic)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1300 W. Clairemont Ave.
Eau Claire WI 54701

RIGHT-OF-WAY

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

July 31, 2019

Town of Washburn
Attn: Donna Kuhn
W3901 PIneview Road
Neillsville, WI 54456

Subject: Continuing Obligations and Property Owner Requirements for Miller Avenue ROW
Final Case Closure for Shortville Store Former, W4109 STH 73, Neillsville, WI
DNR BRRTS Activity #: 03-10-000581

Dear Ms. Kuhn:

The purpose of this letter is to notify you that certain continuing obligations apply to the right of way at the intersection of STH 73 and Miller Avenue in the Town of Washburn (referred to in this letter as the "Property") due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved for the above referenced case, located at the Shortville Store Former, W4109 STH 73, Neillsville. (The case is referenced by the location of the source property, i.e. the property where the original discharge occurred, prior to contamination migrating to the Property.) The continuing obligations that apply to the Property are stated as conditions in the attached closure approval letter, and are consistent with s. 292.12, Wis. Stats., and ch. NR 700, Wis. Adm. Code, rule series. They are meant to limit exposure to any remaining environmental contamination at the Property. These continuing obligations will also apply to future owners of the Property, until the conditions no longer exist at the Property.

It is common for properties with approved cleanups to have continuing obligations as part of cleanup/closure approvals. Information on continuing obligations on properties can be found by using the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW). This database is found at dnr.wi.gov and search “WRRD”. This page also provides information on how to find further information about the closure and residual contamination, and how to use the map application, RR Sites Map, which shows environmental cleanup sites, including those closed with residual contamination and continuing obligations.

The department reviewed and approved the case closure request regarding the petroleum contamination in soil and groundwater at this site, based on the information submitted by Jason Powell and Ron Anderson, METCO. As required by state law, you received notification about the requested closure from the person conducting the cleanup. No further investigation or cleanup is required at this time. However, the closure decision is conditioned on the long-term compliance with certain continuing obligations, as described below.

<u>Continuing Obligations Applicable to Your Property</u>
A number of continuing obligations are described in the attached case closure letter to Mr. and Mrs. Tom and Renee Mortenson, dated July 31, 2019. However, only the following continuing obligations apply to your Property.

- Residual soil contamination
- Residual groundwater contamination

DNR Database – Well Construction Approval Needed

Because of the residual groundwater contamination and the continuing obligations, this site, which includes your Property, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW), at dnr.wi.gov and search "WRRD". If you intend to construct or reconstruct a well on the Property, you will need to get department approval in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help with this form. This form can be obtained online at dnr.wi.gov and search "3300-254". If at some time, all these continuing obligations are fulfilled, and the remaining contamination is either removed or meets applicable standards, you may request an update to the database regarding the Property.

Property Owner Responsibilities

The owner (you and any subsequent property owner) of this Property is responsible for compliance with these continuing obligations, pursuant to s. 292.12, Wis. Stats. You are required to pass on the information about these continuing obligations to anyone who purchases this property from you (i.e. pass on this letter), in accordance with s. NR 727.05. For residential property transactions, you are required to make disclosures under Wis. Stats. s. 709.02. You may have additional obligations to notify buyers of the condition of the property and the continuing obligations set out in this letter and the closure letter.

If you lease or rent the property to an occupant who will be responsible for maintaining a continuing obligation, you will need to include that responsibility in a lease agreement, in accordance with s. NR 727.05, Wis. Adm. Code.

Please be aware that failure to comply with the continuing obligations may result in enforcement action by the DNR.

These responsibilities are the property owner's. A property owner may enter into a legally binding agreement (such as a contract) with someone else (the person responsible for the cleanup) to take responsibility for compliance with the continuing obligations. If the person with whom any property owner has an agreement fails to adequately comply with the appropriate continuing obligations, the DNR has the authority to require the property owner to complete the necessary work.

A legal agreement between you and another party to carry out any of the continuing obligations listed in this letter does not automatically transfer to a new owner of the property. If a subsequent property owner cannot negotiate a new agreement, the responsibility for compliance with the applicable continuing obligations resides with that Property owner.

The DNR appreciates your efforts. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Matt Thompson at (715) 839-3750 or by email at matthewa.thompson@wisconsin.gov.

Sincerely,

Dave Rozeboom
West Central Region Team Supervisor
Remediation & Redevelopment Program

Attach: Shortville Store Former, Final Closure letter (July 31, 2019)

cc: Thomas and Renee Mortenson, W4109 STH 73, Neillsville (electronic)
Jason Powell, METCO (electronic)

Enclosure: RR-819 – Continuing Obligations Fact Sheet