



September 22, 2020

Joyce Popera  
W3523 Oakwood Dr  
Lake Geneva, WI 53147

**KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS**

SUBJECT: Final Case Closure with Continuing Obligations  
Popera Property, 190 Station Street, Sharon, Wisconsin  
DNR BRRTS Activity # 03-65-556558

Dear Ms. Popera:

The Department of Natural Resources (DNR) considers Popera Property closed. There is a continuing obligation associated with the Popera Property closure, but that is pertaining to the right-of-way (ROW). The 'closure' applies to the petroleum related contamination to the soil and groundwater found during the site investigation at the property. No further investigation or remediation is required at this time. 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. There is a continuing obligation that applies to the ROW holders.

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 South-Central Region (SCR) Closure Committee reviewed the request for closure on September 5, 2019. The DNR Closure Committee reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. A telephone request for remaining actions needed was issued by the DNR on September 5, 2019, and documentation that the conditions in that request were met was received on May 26, 2020.

The site was a service station and automobile dealership. The area is residential and serviced by a public water supply. Approximately 415 tons of petroleum contaminated soils have been removed from the location.

The conditions of closure and continuing obligation required were based on the ROW property being used for any purpose including 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.

- 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](http://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](http://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](http://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](http://dnr.wi.gov) and search “3300-254”.

All site information is also on file at the South Central Regional DNR office, at 3911 Fish Hatchery Road, Fitchburg, Wisconsin, 53711. 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 the ROW holder and any subsequent ROW 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.

Send all written notifications in accordance with these requirements to:

Department of Natural Resources  
Attn: Remediation and Redevelopment Program Environmental Associate  
3911 Fish Hatchery Road  
Fitchburg, WI 53711

#### Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)

Soil contamination remains at locations in the Station St. (ROW) as indicated on the attached map Residual Soil Contamination, Figure B.2.b. dated 04/15/2019. If soil in the specific locations described above is excavated in the future, the person or parties of responsibility for the ROW 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 person or parties of responsibility for the ROW 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.

In addition, all current and future owners of the ROW 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.

#### Other Closure Information

##### 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](http://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.

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 Jeff Ackerman, at (608) 219-2302 or [jeff.ackerman@wisconsin.gov](mailto:jeff.ackerman@wisconsin.gov).

Sincerely,

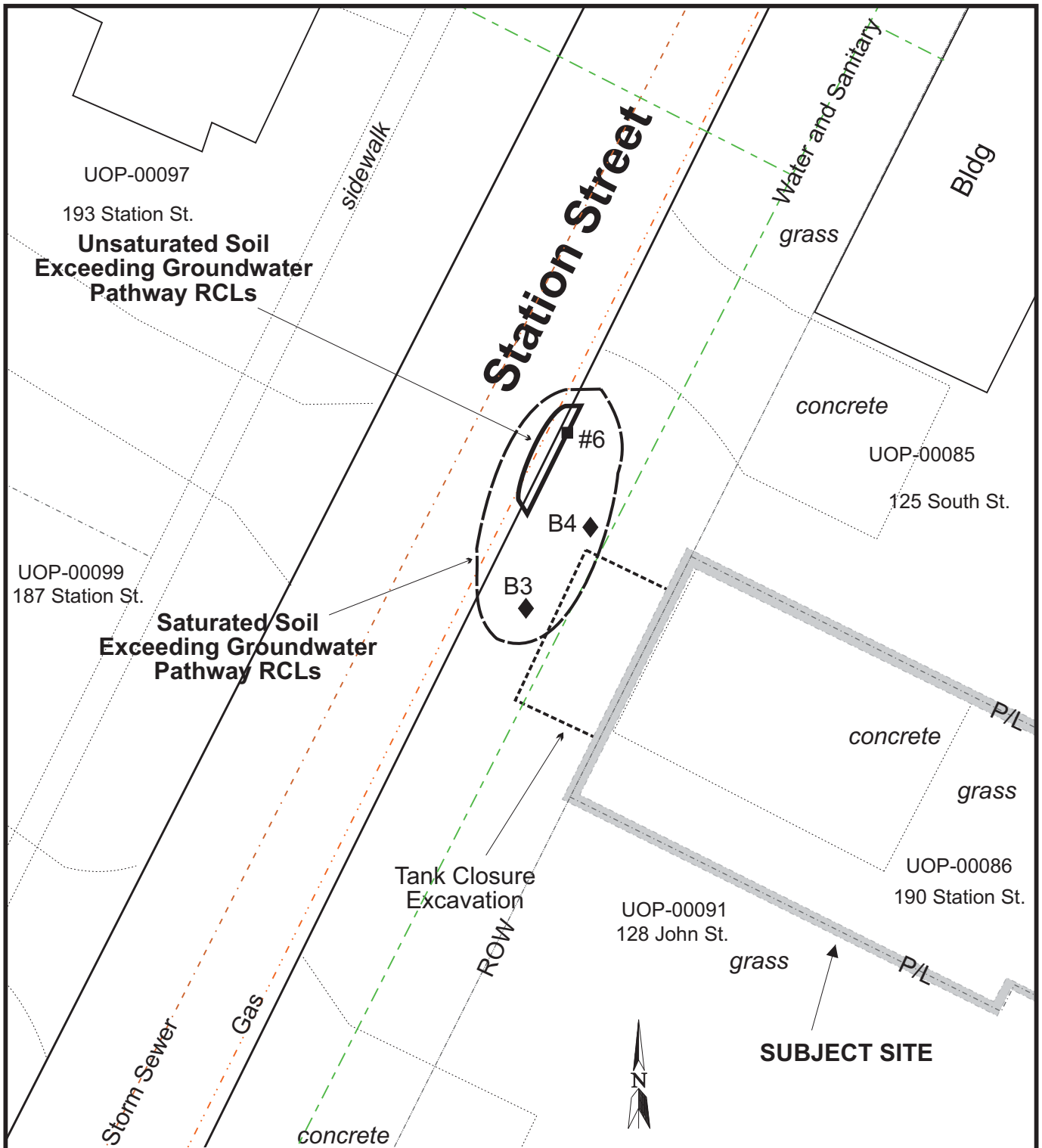
A handwritten signature in blue ink, appearing to read "St L Martin".

Steven L. Martin P.G.  
South Central Region Team Supervisor  
Remediation & Redevelopment Program

cc: Mark Fryman, Seymour Environmental Services, Inc. 2531 Dyreson Road, McFarland, Wisconsin 53558

Attachment:

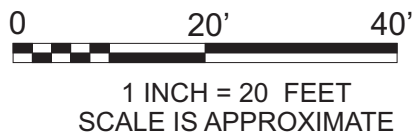
- Residual Soil Contamination, Figure B.2.b. dated 04/15/2019.



**LEGEND**

#7  
■ - Excavation Sample (Sept. 2016)

B5  
◆ - Geoprobe (Nov. 2012)



FILE/PATH: D:\PROJECTS\POPERA\  
Popera-basemap-20ft.cdr

DATE: 04/15/2019

PREPARED: MDF APPROVED:

SOURCE:  
WALWORTH COUNTY PUBLIC MAPPING  
FIELD MEASUREMENTS

**SEYMOUR  
ENVIRONMENTAL  
SERVICES, INC.**

**RESIDUAL SOIL CONTAMINATION**  
Joyce Popera Property  
190 Station Street  
Sharon, Wisconsin

ATTACHMENT  
**B.2.b.**

**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.		
03-65-556558			
Parcel ID No.	UOP-00086		
FID No.	WTM Coordinates		
	X	624267	Y 226214
BRRTS Activity (Site) Name	WTM Coordinates Represent:		
Popera Property	<input checked="" type="checkbox"/> Source Area <input type="checkbox"/> Parcel Center		
Site Address	City	State	ZIP Code
190 Station Street	Sharon	WI	53585
Acres Ready For Use	0.25		

Responsible Party (RP) Name	Joyce Popera
Company Name	

Mailing Address	City	State	ZIP Code
W3523 Oakwood Drive	Lake Geneva	WI	53147
Phone Number	Email		

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

Environmental Consultant Name	Robyn Seymour		
Consulting Firm	Seymour Environmental Services, Inc.		
Mailing Address	City	State	ZIP Code
2531 Dyreson Road	McFarland	WI	53558
Phone Number	Email		
(608) 225-9407	rseymour@chorus.net		

**Fees and Mailing of Closure Request**

- 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:

<input checked="" type="checkbox"/> \$1,050 Closure Fee	<input checked="" type="checkbox"/> \$300 Database Fee for Soil
<input type="checkbox"/> \$350 Database Fee for Groundwater or Monitoring Wells (Not Abandoned)	Total Amount of Payment \$ <u>1,350.00</u>
	<input type="checkbox"/> Resubmittal, Fees Previously Paid
- 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 subject property is located at 190 Station Street in the Village of Sharon. The property is "L-shaped" with frontage on both Station and South Streets. The site is ~11,900 square feet in area. No structures are present at the site and the property is currently vacant.
- The property is in a mainly residential area of Sharon, Wisconsin. Properties surrounding the site include a home/retail shop to the north, a parking area for a landscaping business to the south and homes to the east and west.
- B. Prior and current site usage: Specifically describe the current and historic occupancy and types of use.  
The parcel formerly was the site of a service station. The current owner used it as an automotive dealership.
- C. Current zoning (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).  
The source property is zoned residential (RD1- Two Family). Neighboring properties also are zoned residential. Zoning information was obtained from the Village of Sharon Administrator.
- D. Describe how and when site contamination was discovered.  
In August 2010 the USTs were removed by Heller's Petroleum Services. Contamination was discovered at that time.
- E. Describe the type(s) and source(s) or suspected source(s) of contamination.  
The contamination is petroleum.
- F. Other relevant site description information (or enter Not Applicable).  
The contamination came from the former tank system. Three tanks were present, a 1,000-gallon unleaded gasoline tank, a 200-gallon diesel tank and a 300-gallon gasoline tank.
- G. List BRRTS activity/site name and number for BRRTS activities at this source property, including closed cases.  
Open Case: 03-65-556558
- H. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.  
No adjacent BRRTS sites exist.

### 2. General Site Conditions

- A. Soil/Geology
- Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.  
Shallow soil encountered was primarily silty clay. The surficial fine-grained soils extended to a depth of approximately 8 feet and were underlain by interbedded layers of sandy clay with gravel and silty clay.
  - Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.  
The only known fill replaced the contaminated soil that was removed.
  - Describe the depth to bedrock, bedrock type, competency and whether or not it was encountered during the investigation.  
The unconsolidated deposits extend to a depth of ~215 feet where bedrock is encountered. Bedrock in the area is Ordovician-aged dolomite of the Sinipee Group (Galena-Platteville Formations).
  - Describe the nature and locations of current surface cover(s) across the site (e.g., natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).  
No structures are present at the site and the property is currently vacant. The foundation and the concrete floor slab from a former building are present near the southwest corner of the property. The concrete surface covers an area of ~1,100 square feet. The remainder of the parcel is covered by grass and landscaping.
- B. Groundwater
- 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 at the site is fairly shallow and typically is present about 10 feet below grade within the interbedded sandy

clay and silty clay deposits. The depth to the water table varies seasonally and fluctuated between 5 1/2 and 12 1/4 feet during monitoring. No free-phase product was noted at the site which could impact the groundwater depth measurements. Only water-table monitoring wells are present at the site and no data regarding piezometric levels deeper in the aquifer were collected.

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

The groundwater flow direction was typically southwesterly. However, the direction of flow ranged from west northwest to south southwest as indicated by data collected at the monitoring wells. During the high-water period of July 2013 the groundwater flow direction became south southwesterly.

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

Testing at MW-1 indicated that the hydraulic conductivity at the site is  $4.88 \times 10^{-2}$  cm/sec (138 ft/day). This is inconsistent with the soil types at the site. Typical conductivity for the silty soils is ~8.2 ft/day. Based on the typical conductivity for the soils and horizontal hydraulic gradient (0.0157 ft/ft) the groundwater flow rate is ~48 feet/year.

- 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).

No public or private wells are present within 1,200 feet of the site. Water for the site is provided by the Village of Sharon. The Village operates two water supply wells which are both over 1,200 feet away.

### 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 November 1, 2012 five geoprobe borings were installed to collect soil and groundwater samples. Soil samples were analyzed for petroleum-related volatile organic compounds (PVOCs), polynuclear aromatic hydrocarbons (PAHs) and lead. Analysis showed that PVOCs were present above groundwater pathway RCLs in soil near the former tank bed and extending to the west ~30 feet. The contaminated soil was located from ~6 to 15 feet deep. Groundwater samples collected from the geoprobe borings were analyzed for PVOCs plus naphthalene. Petroleum-related compounds were detected in groundwater from each of the geoprobe locations. Groundwater exceeding the NR140 ES was detected at points located within 30 feet to the west and northwest of the former tank basin. Details of the sampling are presented in "Soil and Groundwater Investigation Report", Seymour, February 2013.

In March 2013 three water-table monitoring wells were installed at the site. One well was located in the source area (MW-3) and two wells were installed to the west of the site in the suspected downgradient direction. No PVOCs were identified in the soil samples collected at MW-1 and MW-2. Groundwater monitoring was conducted four times between April 2013 and June 2014. Water level data collected during the monitoring showed that the water table is typically present at a depth of ~10 feet below grade and groundwater flow was southwesterly. Groundwater analytical results showed that petroleum release from the former tank system has adversely impacted the groundwater quality at the site. Groundwater exceeding the NR140 ESs was present in the source area (MW-3) and extended to the west southwest approximately 50 feet to MW-2. No petroleum related contaminants were present in groundwater at MW-1 which is 50 feet northwest of the former tank bed. Data from the groundwater monitoring are described in a previous report "Status Update", Seymour, October 2014.

Four rounds of groundwater monitoring were conducted after the soil remediation was completed in September 2016. A replacement well (MW-3R) was installed in the source area and monitoring was performed between July 2017 and April 2018. Water level data from the post-remedial monitoring indicated groundwater flow is toward the southwest. Groundwater sample analysis showed groundwater quality improved as a result of the remedial excavation. No groundwater exceeding the ES was noted during the post-remedial monitoring. In the source area benzene and naphthalene remained above the NR140 PAL. Information regarding the post-remedial groundwater monitoring is included in "Soil and Groundwater Investigation and Remediation Report", Seymour, February 2019

- 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 and groundwater exceeding WDNr standards was identified within the Station Street right-of-way during the assessment. The former USTs were located within the current right-of-way. The contamination originated near the eastern edge of the right-of-way and extended to the west. Soil contamination was identified from ~6 to 15 feet below grade. The soil contamination extended to the west ~30 feet from the source area to near the edge of the Station Street pavement. Groundwater contamination extended from the former tank bed to the west and southwest ~50 feet but was limited to the area beneath the street right-of-way.

- 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 impediments to site investigation were encountered at the site. During the remediation an underground utility (gas) limited the westerly extension of the excavation to the edge of the soil contamination. The utility which was a remediation impediment is located within the Station Street right-of-way. The utilities do not serve as a performance barrier for protection of the direct contact or groundwater pathway.

**B. Soil**

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

Soil contamination exceeding the groundwater pathway RCLs was identified over a 700 square foot area located to the west of the former UST basin. The soil contamination generally extended from ~6 to 15 feet below grade. A small area of soil contamination was noted at a depth of 4.5 feet beneath one of the former USTs. The soil contamination extended to the west from the source area through the sewer/water utility trench and near a buried natural gas main located along the east side of Station Street.

During the soil remediation the impacted soils were removed along the sewer and water utility lines. A small amount of soil contamination remains near the buried natural gas line. The remaining soil contamination near the gas main contain benzene at a fairly low level (~115 ug/kg).

- ii. Describe the concentration(s) and types of soil contaminants found in the upper four feet of the soil column.  
No shallow contamination was identified at the site. Assessment sampling indicates that the release occurred from the bottom of the underground tanks; the shallowest soil contamination noted was at a depth of 4.5 feet during the UST closure sampling.
- 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.

Soil cleanup standards for the site were established using the WDNR R&R RCL calculator. Default groundwater pathway RCLs were used for soil standards protective of groundwater quality (NR720.10). The direct contact RCLs for the site (NR720.12) were established using the default exposure and risk values for non-industrial properties.

**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.

Groundwater exceeding the NR140 ESs was present in the source area (MW-3) and extended to the west southwest approximately 50 feet to MW-2. No petroleum related contaminants were present in groundwater at MW-1 which is 50 feet northwest of the former tank bed. Compounds present in the groundwater above the ES included benzene, trimethylbenzenes, xylenes, and naphthalene in the source area and benzene downgradient.

Monitoring conducted after the soil remediation was performed indicate groundwater exceeding the ES no longer remains. A small area of groundwater containing benzene and naphthalene at concentrations exceeding the NR140 PAL remains in the source area (MW-3R).

- 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.

No measurable free product has not been detected at the 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 vapor pathway was not assessed using the screening criteria outlined in RR800; no vapor samples were collected. The vapor migration pathway screening indicated that vapor intrusion was not a substantial concern since:

- no odors have been reported in nearby buildings,
- no volatile petroleum compounds are present in soils within 5 feet of the building slabs,
- no free product is present with 30 feet of nearby buildings,
- benzene levels in shallow groundwater below the buildings are less than 1000 ug/l, and
- no groundwater contamination exceeding NR140 PALs is present in contact with the building foundations.



- 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).  
Not applicable.

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.  
No surface water or sediment was present.
- 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 was present

**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.

Contaminated soils at the site were excavated in September 2016. The excavation extended from the source area to near the edge of the Station Street pavement. During the remediation soils were removed to as deep as 16 feet and a total of 415 tons of contaminated soil was taken off site for disposal. The results were presented in a report dated February 2019 entitled "Soil and Groundwater Investigation and Remediation Report", Seymour Environmental..

- B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.  
No immediate or interim actions were taken at the 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.

No engineered remediation systems were employed at the site. Remediation was limited to excavation of the contaminated soils. The remedial excavation was located in the right-of way in front of 125 and 190 Station Street. was conducted at the site. The excavation was ~20 by 35 ft and covered an area of 800 square feet. Contaminated soils in the majority of the excavation area were removed to a depth of 11 feet. The excavation was shallower along the western side where an underground natural gas line limited the work. Sidewall sampling from the excavation indicates that unsaturated soils exceeding the groundwater pathway RCLs were removed except in a small area near the gas line.

- 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.  
The contaminated soil was taken to the nearest landfill.

- 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.

A very small volume of unsaturated soil containing benzene above the groundwater pathway RCL remains at the site. The residual soil contamination is located near an underground gas main in the Station Street right-of-way. The volume of the remaining soil contamination is estimated to be less than 10 cubic yards.

A small area of impacted groundwater will remain at the site. The groundwater contamination extends over an area of ~1500 square feet and is located within the Station Street right-of-way. Groundwater in this area contains petroleum-related compounds at levels that exceed the NR140 PAL; no groundwater exceeding the ESs remains at the site.

- 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.  
No shallow contamination was identified at the site.

- 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.

Only one soil sample from the excavation sidewalls contained compounds above the groundwater pathway RCLs. That sidewall sample (#6) was collected at a depth of 6 feet near a gas main and contained benzene above the groundwater pathway RCL. Post-remedial sampling indicates that the groundwater does not contain benzene above the ES.

- 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.

The minimal volume of residual soil and groundwater contamination will be addressed through 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). Groundwater quality data collected after the remedial excavation was completed show a great improvement in the contaminant levels in the source area. Prior to the soil remediation groundwater in the source area normally contained three compounds above the ES, benzene, trimethylbenzenes, and naphthalene. After the soil remediation none of these compounds was present above the ES. Average concentrations of benzene dropped from 43.8 ug/l prior to the remediation to 3.2 ug/l after the remediation. Average trimethylbenzene levels dropped from 637 to 39.2 ug/l, and average naphthalene levels declined from 155.8 to 12.4 ug/l. Additionally, after soil remediation no petroleum-related contaminants were noted in the groundwater at the downgradient well (MW-2) indicating the groundwater contaminant plume receded in size.

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

SOIL - The majority of the contaminated soil was removed during the remedial excavation. No soil remains exceeding direct contact RCLs. A small amount of soil exceeding groundwater pathway RCLs remains along a gas main adjacent to the street. The small volume of residual soil contamination will not cause the groundwater contaminant levels to increase based on post-remedial monitoring data.

GROUNDWATER - Groundwater monitoring conducted after soil remediation shows that contaminant levels declined from pre-remedial levels. Post-remedial groundwater monitoring indicate that contaminant levels in the groundwater in the source area exceed the PAL but are below the NR140ES.

VAPOR- Vapor pathway screening conducted during the site assessment indicated limited potential for vapor migration/intrusion at the site. Remedial excavation resulted in the removal of nearly all of the contaminated soil and groundwater further reducing the potential for vapor migration and exposure.

- K. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.  
Not applicable - no system hardware installed.

- 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.

NR140 groundwater quality exemptions are needed for MW-3R. No compounds are present at MW-3R above the ES. Compounds present in groundwater at MW-3R above the PAL include benzene, and naphthalene.

- 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.

Not applicable - no vapor sampling performed.

- 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.

Not applicable.

**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.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	None of the following situations apply to this case closure request.	NA
ii.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residual groundwater contamination exceeds ch. NR 140 ESs.	NA
iii.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Residual soil contamination exceeds ch. NR 720 RCLs.	NA
iv.				Monitoring Wells Remain:	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	• Not Abandoned (filled and sealed)	NA
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	• Continued Monitoring (requested or required)	Yes
v.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cover/Barrier/Engineered Cover or Control for (soil) direct contact pathways (includes vapor barriers)	Yes
vi.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cover/Barrier/Engineered Cover or Control for (soil) groundwater infiltration pathway	Yes
vii.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Structural Impediment: impedes completion of investigation or remedial action (not as a performance standard cover)	NA
viii.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination meets NR 720 industrial soil RCLs, land use is classified as industrial	NA
ix.	<input type="checkbox"/>	<input type="checkbox"/>	NA	Vapor Mitigation System (VMS) required due to exceedances of vapor risk screening levels or other health based concern	Yes
x.	<input type="checkbox"/>	<input type="checkbox"/>	NA	Vapor: Dewatering System needed for VMS to work effectively	Yes
xi.	<input type="checkbox"/>	<input type="checkbox"/>	NA	Vapor: Compounds of Concern in use: full vapor assessment could not be completed	NA
xii.	<input type="checkbox"/>	<input type="checkbox"/>	NA	Vapor: Commercial/Industrial exposure assumptions used.	NA
xiii.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vapor: Residual volatile contamination poses future risk of vapor intrusion	NA
xiv.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Site-specific situation: (e. g., fencing, methane monitoring, other) ( <i>discuss with project manager before submitting the closure request</i> )	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](http://dnrmaps.wi.gov/sl/?Viewer=RR%20Sites)) 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 exceedance (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 movement at the site. If the flow direction varies by more than 20° over the history of the site, submit two 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](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.





**Signatures and Findings for Closure Determination**

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

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 William W. Buckingham 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."

William W Buckingham  
Printed Name

Senior Engineer  
Title

William W. Buckingham  
Signature

6/5/19  
Date



E-31930  
P.E. Stamp and Number

**Hydrogeologist Certification**

I \_\_\_\_\_ 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."

Robyn Seymour  
Printed Name

Hydrogeologist  
Title

Robyn Seymour  
Signature

June 27, 2019  
Date

**CASE CLOSURE ATTACHMENTS**  
**Joyce Popera Property**  
**190 Station Street - Sharon, WI**  
**BRRTS: 03-65-556558**

**ATTACHMENT A - DATA TABLES**

**TABLE OF CONTENTS**

<u>TITLE</u>	<u>COMMENTS</u>
A.1. Groundwater Analytical Table(s)	- Attached.
A.2. Soil Analytical Results Table(s)	- Attached.
A.3. Residual Soil Contamination Tables(s)	- Attached.
A.4. Vapor Analytical Table(s)	- No attachment. No vapor sampling was conducted. The majority of the contaminated soil has been removed and vapor screening assessment (RR800) indicated vapor migration is not a significant concern..
A.5. Other Media of Concern	- No attachment. No sediment or surface waters encountered at the site.
A.6. Water Level Elevations	- Attached.
A.7. Other	- No attachment. No natural attenuation data collected or remedial system operation data.

ATTACHMENT A.1. (page 1 of 2)  
GROUNDWATER ANALYTICAL TABLE  
Joyce Popera Property  
190 Station Street- Sharon, Wisconsin

DETECTED/SELECT POLYNUCLEAR AROMATIC HYDROCARBONS

Sample I.D.	Date	Acenaphthrene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Indeno(1,2,3-cd)pyrene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	2-Methylnaphthalene	1-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
MW-1	04/05/13	<0.0038	<0.0035	<0.0048	<0.0047	<0.0049	<0.0067	<0.0080	<0.010	<0.0058	<0.0062	<0.0054	<0.0052	0.0063 J	<0.0061	<0.0036	0.027 J	0.016 J	0.0058 J
	07/06/13	<0.0038	<0.0035	<0.0048	<0.0047	<0.0049	<0.0067	<0.0080	<0.010	<0.0058	<0.0062	<0.0054	<0.0052	<0.0038	<0.0061	<0.0036	<0.0033	0.0072 J	0.0058 J
MW-2	04/05/13	<0.77	<0.70	<0.97	<0.95	<0.99	<1.4	<1.6	<2.1	<1.2	<1.2	<1.1	<1.0	<0.77	3.3 J	3.3 J	<u>34.8</u>	<0.77	<1.1
	07/06/13	<0.097	<0.088	<0.12	<0.12	<0.12	<0.17	<0.20	<0.26	<0.15	<0.16	<0.14	<0.13	<0.097	0.41 J	2.6	7.9	<0.097	<0.13
MW-3	04/05/13	<0.39	0.50 J	1.6 J	<0.48	<0.54	<0.68	<0.81	<1.0	<0.59	<b>1.4 J</b>	<0.55	<0.52	1.7 J	3.9 J	4.6	<u>12.5</u>	2.9 J	<0.53
	07/06/13	<0.96	<0.87	<1.2	<1.2	<1.2	<1.7	<2.0	<2.6	<1.5	<1.5	<1.4	<1.3	<0.96	12.6	8.3 J	<u>58.2</u>	<0.96	<1.3
NR140	ES	ns	ns	3000	ns	0.2	0.2	ns	ns	ns	0.2	ns	400	400	ns	ns	100	ns	250
	PAL	ns	ns	600	ns	0.02	0.02	ns	ns	ns	0.02	ns	80	80	ns	ns	10	ns	50

DETECTED/SELECT VOLATILE ORGANIC COMPOUNDS

Sample I.D.	Date	Benzene	1,2-Dichloroethane	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Total Trimethylbenzenes	Total Xylenes	Naphthalene	Chloromethane	n-Butylbenzene	s-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	n-Propylbenzene	Chloroethane	Chloroform
B1	11/01/12	<b>5.5</b>	<1.4	49.4	<2.4	36.5	<u>139</u>	175.4	<u>17.8</u>	na	na	na	na	na	na	na	na
B2	11/01/12	<0.41	<0.36	<0.54	<0.61	0.71	<1.80	<2.63	<0.89	na	na	na	na	na	na	na	na
B3	11/01/12	<b>304</b>	<9.0	<u>621</u>	<15.2	<b>3020</b>	<b>868</b>	<b>2733</b>	<b>172</b>	na	na	na	na	na	na	na	na
B4	11/01/12	<b>534</b>	<36.0	<b>1740</b>	<61.0	<b>9490</b>	<b>1705</b>	<b>8880</b>	<b>289</b>	na	na	na	na	na	na	na	na
NR140	ES	5	5	700	60	800	480	2000	100	30	ns	ns	ns	ns	ns	400	6
	PAL	0.5	0.5	140	12	160	96	400	10	3	ns	ns	ns	ns	ns	80	0.6

- Results are listed in ug/l  
- na = not analyzed  
- ns = no standard established

- NR140 ES = Enforcement Standard (exceedances bold)  
- NR140 PAL = Preventative Action Limit (exceedances underlined)  
- (J) = Values estimated by laboratory; below limit of quantitation

ATTACHMENT A.1. (page 2 of 2)  
GROUNDWATER ANALYTICAL TABLE  
Joyce Popera Property  
190 Station Street- Sharon, Wisconsin

DETECTED/SELECT VOLATILE ORGANIC COMPOUNDS

Sample I.D.	Date	Benzene	1,2 Dichloroethane	Ethylbenzene	Methyl-tert-butyl ether	Toluene	Total Trimethylbenzenes	Total Xylenes	Naphthalene	Chloromethane	n-Butylbenzene	s-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	n-Propylbenzene	Chloroethane	Chloroform
MW-1	04/05/13	<0.41	<0.36	<0.54	<0.61	<0.67	<1.80	<2.63	<0.89	<0.24	<0.93	<0.89	<0.59	<0.67	<0.81	<0.97	<1.3
	07/06/13	<0.50	<0.48	<0.50	<0.49	<0.44	<3.07	<1.32	<2.5	<0.39	<0.40	<0.60	<0.34	<0.40	<0.50	<0.44	<0.69
	10/26/13	<0.50	<0.48	<0.50	<0.49	<0.44	<1.00	<1.32	<2.5	<0.39	<0.40	<0.60	<0.34	<0.40	<0.50	<0.44	<0.69
	06/18/14	<0.40	na	<0.39	<0.48	<0.39	<0.84	<1.25	<0.42	na	na	na	na	na	na	na	na
	09/18/16	<0.40	na	<0.39	<0.48	<0.39	<0.84	<1.25	<0.42	na	na	na	na	na	na	na	na
	07/03/17	<0.40	na	<0.39	<0.48	<0.39	<0.84	<1.25	<0.42	na	na	na	na	na	na	na	na
	10/21/17	<0.40	na	<0.39	<0.48	<0.39	<0.84	<1.25	<0.42	na	na	na	na	na	na	na	na
	02/17/18	<0.40	na	<0.39	<0.48	<0.39	<0.84	<1.25	<0.42	na	na	na	na	na	na	na	na
04/20/18	<0.40	na	<0.39	<0.48	<0.39	<0.84	<1.25	<0.42	na	na	na	na	na	na	na	na	
MW-2	04/05/13	<b>77.0</b>	<3.6	<b>383</b>	<6.1	<u>198</u>	<b>285.5</b>	<b>934</b>	<u>70.9</u>	<2.4	<9.3	<8.9	18.9	<6.7	28.6	<9.7	<13.0
	07/06/13	<b>14.2</b>	<0.48	41.1	<0.49	7.5	15.0	24.6	<u>19.6</u>	<0.39	2.7	2.7	7.7	1.6	11.3	0.56	<0.69
	10/26/13	<0.50	<0.48	<0.50	<0.49	<0.44	<1.00	<1.32	<2.5	<0.39	<0.40	<0.60	<0.34	<0.40	<0.50	<0.44	<0.69
	06/18/14	<u>0.52</u>	na	1.4	<0.48	0.58	<0.84	2.1	0.43	na	na	na	na	na	na	na	na
	09/18/16	<0.40	na	<0.39	<0.48	<0.39	<0.84	<1.25	<0.42	na	na	na	na	na	na	na	na
	07/03/17	<0.40	na	<0.39	<0.48	<0.39	<0.84	<1.25	<0.42	na	na	na	na	na	na	na	na
	10/21/17	<0.40	na	<0.39	<0.48	<0.39	<0.84	<1.25	<0.42	na	na	na	na	na	na	na	na
	02/17/18	<0.40	na	<0.39	<0.48	<0.39	<0.84	<1.25	<0.42	na	na	na	na	na	na	na	na
04/20/18	<0.40	na	<0.39	<0.48	<0.39	<0.84	<1.25	<0.42	na	na	na	na	na	na	na	na	
MW-3	04/05/13	<b>23.1</b>	<0.90	<b>160</b>	<1.5	135	<b>534</b>	<b>1142</b>	<b>90.0</b>	<0.60	<2.3	<2.2	9.8	6.7	13.3	<2.4	<3.2
	07/06/13	<b>46.7</b>	<2.4	<u>259</u>	<2.5	<u>208</u>	<b>536</b>	<u>847</u>	<u>52.1</u>	<1.9	<2.0	5.3	23.1	9.6	52.1	<2.2	<b>7.5</b>
	10/26/13	<b>58.2</b>	<4.8	<u>522</u>	<4.9	<u>345</u>	<b>766</b>	<b>2191</b>	<b>252</b>	<3.9	<4.0	8.1	20.0	10.7	83.2	<4.4	<6.9
	06/18/14	<b>33.7</b>	na	<u>378</u>	7.5	<u>228</u>	<b>605</b>	<b>1496</b>	<b>157</b>	na	na	na	na	na	na	na	na
	09/18/16	<b>57.5</b>	na	<u>509</u>	6.3	<u>446</u>	<b>746</b>	<b>1924</b>	<b>228</b>	na	na	na	na	na	na	na	na
MW-3R	07/03/17	<u>2.1</u>	na	7.9	<0.48	4.0	17.4	33.4	7.7	na	na	na	na	na	na	na	na
	10/21/17	<u>3.7</u>	na	15.3	<0.48	6.5	36.6	65.3	<u>12.0</u>	na	na	na	na	na	na	na	na
	02/17/18	<u>3.5</u>	na	15.1	<0.48	5.6	44.4	65.0	<u>12.8</u>	na	na	na	na	na	na	na	na
	04/20/18	<u>3.4</u>	na	22.1	0.55(J)	7.5	58.5	87.7	<u>17.0</u>	na	na	na	na	na	na	na	na
NR140	ES	<b>5</b>	5	700	60	800	480	2000	<b>100</b>	30	ns	ns	ns	ns	ns	400	6
	PAL	<u>0.5</u>	<u>0.5</u>	140	12	160	96	400	10	3	ns	ns	ns	ns	ns	80	0.6

- Results are listed in ug/l  
- na = not analyzed  
- ns = no standard established

- NR140 ES = Enforcement Standard (exceedances bold)  
- NR140 PAL = Preventative Action Limit (exceedances underlined)  
- (J) = Values estimated by laboratory; below limit of quantitation

ATTACHMENT A.2. (page 1 of 2)  
 SOIL ANALYTICAL RESULTS TABLE  
 Joyce Popera Property  
 190 Station Street- Sharon, Wisconsin

POLYNUCLEAR AROMATIC HYDROCARBON (PAH) ANALYTICAL DATA

Sample	Depth (ft)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Dibenzo(a,h)anthracene	Chrysene	Fluoranthene	Fluorene	Indeno (1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
TANK CLOSURE SAMPLES - 08/04/10																	
#1	4	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
#2	5	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
#3	5	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
#4	5 1/2	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
#5	5 1/2	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
GEOPROBE SOIL SAMPLES - 11/01/12																	
B1	10	<10.4	<10.4	<2.1	<10.4	<10.4	<3.0	<10.4	<10.4	<10.4	<2.4	<10.4	<10.4	<10.4	<3.9	<2.7	<10.4
B3	3	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
B3	10	<83.7	<83.7	<17.1	<83.7	<83.7	<24.1	<83.7	<83.7	<83.7	<190	<83.7	<83.7	<83.7	<b>1520</b>	36.0	<83.7
B4	6	<40.3	<40.3	9.5	<40.3	<40.3	<11.6	<40.3	<40.3	<40.3	14.7	<40.3	<40.3	<40.3	434	25.5	<40.3
B4	15	<353	<353	<72.2	<353	<353	<102	<353	<353	<353	<80.1	<353	<353	<353	<b>24100</b>	146	<353
B5	10	<9.7	<9.7	<2.0	<9.7	<9.7	<2.8	<9.7	<9.7	<9.7	<2.2	<9.7	<9.7	<9.7	<3.6	<2.5	<9.7
MONITORING WELL SOIL SAMPLES - 3/22/13																	
MW-1	14	<10	<10	9.0	32.6	39.1	41.8	25.2	36.3	<10	50	92.8	<10	22.8	<3.8	48.4	81.7
MW-2	12	<9.9	<9.9	<2.0	<9.9	<9.9	<2.9	<9.9	<9.9	<9.9	<2.3	<9.9	<9.9	<9.9	<3.7	<2.5	<9.9
Groundwater Pathway RCL		ns	ns	196,744	ns	470	480	ns	ns	ns	145.1	88,818	14,815	ns	658.7	ns	54,772
Non-industrial Direct Contact RCL		3,590,000	ns	17,900,000	1,140	115	1,150	ns	11,500	115	115,000	2,390,000	2,390,000	1,150	5,520	ns	1,790,000
<p>- DRO, GRO, and lead values are listed in mg/kg</p> <p>- PVOC and PAH values are listed in ug/kg</p> <p>- na = not analyzed</p> <p>- ns = no standard established</p> <p style="text-align: right;">- RCL = Residual Contaminant Level</p> <p style="text-align: right;">- Groundwater Pathway RCL (exceedances bold)</p> <p style="text-align: right;">- Direct contact hazard level (exceedances underlined)</p> <p style="text-align: right;">* - Standards from RR RCL calculator</p>																	

ATTACHMENT A.2. (page 2 of 2)  
 SOIL ANALYTICAL RESULTS TABLE  
 Joyce Popera Property  
 190 Station Street- Sharon, Wisconsin

SAMPLE	Depth (ft)	DRO	GRO	Lead	Benzene	1,2 Dichloroethane	Ethylbenzene	Methyl-tert-butyl ether	Toluene	1,3,5 Trimethylbenzene	1,2,4 Trimethylbenzene	Total Trimethylbenzene	Total Xylenes	Naphthalene
TANK CLOSURE SAMPLES - 08/04/10														
#1	4	na	1010	na	<312	na	<b>11000</b>	<312	<b>1270</b>	24200	71500	<b>95700</b>	<b>54470</b>	<b>14200</b>
#2	5	na	542	na	<200	na	<b>3300</b>	<200	535	14400	35400	<b>49800</b>	<b>13670</b>	<b>6420</b>
#3	5	na	3270	na	<1000	na	<b>61300</b>	<1000	<b>52700</b>	91600	261000	<b>352600</b>	<b>390000</b>	<b>41300</b>
#4	5 1/2	na	2320	na	<625	na	<b>11000</b>	<625	<b>1180</b>	40400	57600	<b>98000</b>	<b>54800</b>	<b>12200</b>
#5	5 1/2	na	3210	na	<625	na	<b>27900</b>	<b>974</b>	<b>9170</b>	50000	105000	<b>155000</b>	<b>141200</b>	<b>20000</b>
GEOPROBE SOIL SAMPLES - 11/01/12														
B1 *	10	na	na	16.7	<25.0	na	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	na
B3	3	na	na	24.3	<25.0	na	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	na
B3 *	10	na	na	25.4	<62.5	na	<b>4300</b>	<b>96.5</b>	<62.5	8240	14200	<b>22440</b>	<b>9560</b>	na
B4	6	na	na	11.5	<250	na	<b>4450</b>	<250	<250	15800	27100	<b>42900</b>	<b>12080</b>	na
B4 *	15	na	na	9.8	<b>5010</b>	na	<b>101000</b>	<b>3210</b>	<b>186000</b>	72200	221000	<b>293200</b>	<b>498000</b>	na
B5 *	10	na	na	8.4	<25.0	na	92.6	<25.0	78.3	87.0	228	315	412.1	na
MONITORING WELL SAMPLES - 3/21/2013														
MW-1 *	14	na	na	na	<25.0	na	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	na
MW-2 *	12	na	na	na	<25.0	na	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	na
REMEDIAL EXCAVATION - 09/20/16														
#1	14.5	na	na	na	<25.0	na	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
#2	10	na	na	na	<25.0	na	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
#3	6	na	na	na	<25.0	na	<25.0	<25.0	<25.0	<25.0	31.9 J	31.9 J	<75.0	51.9 J
#5	16	na	na	na	<25.0	na	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
#6	8	na	na	na	<b>106</b>	na	460	<25.0	653	146	528	674	1212	287
#7	9	na	na	na	<25.0	na	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<25.0
#8	9.5	na	na	na	<25.0	na	<25.0	<25.0	<25.0	53.4 J	44.1 J	97.5 J	<75.0	55.2 J
Groundwater Pathway RCLs		ns	ns	27	5.1	2.8	1570	27	1107	ns	ns	1379	3940	658.7
Direct Contact RCLs		ns	ns	400	1600	652	8020	63800	818000	182000	219000	ns	260000	5520

- DRO, GRO, and lead values are listed in mg/kg  
 - PVOC values are listed in ug/kg  
 - na = not analyzed  
 - ns = no standard established  
 - \* = Sample collected below high water table elevation

- J = Present below laboratory limit of quantitation  
 - RCL = Residual Contaminant Level  
 - Groundwater Pathway RCL (exceedances bold)  
 - Direct Contact RCL for non-industrial properties (exceedances underlined)  
 - Standards are default values from WDNR R&R RCL calculator

ATTACHMENT A.3.  
RESIDUAL SOIL CONTAMINATION TABLE  
Joyce Popera Property  
190 Station Street- Sharon, Wisconsin

SAMPLE	Depth (ft)	DRO	GRO	Lead	Benzene	1,2 Dichloroethane	Ethylbenzene	Methyl-tert-butyl ether	Toluene	1,3,5 Trimethylbenzene	1,2,4 Trimethylbenzene	Total Trimethylbenzene	Total Xylenes	Naphthalene
GEOPROBE SOIL SAMPLES - 11/01/12														
B3 *	10	na	na	25.4	<62.5	na	<b>4300</b>	<b>96.5</b>	<62.5	8240	14200	<b>22440</b>	<b>9560</b>	na
B4 *	15	na	na	9.8	<b>5010</b>	na	<b>101000</b>	<b>3210</b>	<b>186000</b>	72200	221000	<b>293200</b>	<b>498000</b>	na
REMEDIAL EXCAVATION - 09/20/16														
#6	8	na	na	na	<b>106</b>	na	460	<25.0	653	146	528	674	1212	287
Groundwater Pathway RCLs		ns	ns	27	5.1	2.8	1570	27	1107	ns	ns	1379	3940	658.7
Direct Contact RCLs		ns	ns	400	1600	652	8020	63800	818000	182000	219000	ns	260000	5520
<p>- DRO, GRO, and lead values are listed in mg/kg</p> <p>- PVOC values are listed in ug/kg</p> <p>- na = not analyzed</p> <p>- ns = no standard established</p> <p>-* = Sample collected below high water table elevation</p> <p>- J = Present below laboratory limit of quantitation</p> <p>- RCL = Residual Contaminant Level</p> <p>- Groundwater Pathway RCL (exceedances bold)</p> <p>- Direct Contact RCL for non-industrial properties (exceedances underlined)</p> <p>- Standards are default values from WDNR R&amp;R RCL calculator</p>														

ATTACHMENT A.6.  
WATER LEVEL ELEVATIONS  
Joyce Popera Property  
190 Station Street - Sharon, Wisconsin

WELL CONSTRUCTION DETAILS

WELL	Date Installed	Top of Casing Elevation	Total Depth (ft)	Screen Length (ft)	Top of Screen Elevation	Base of Screen Elevation	NOTE
MW-1	03/21/13	980.63	20.3	10	970.33	960.33	
MW-2	03/21/13	980.11	19.1	10	971.01	961.01	
MW-3	03/22/13	980.03	18.7	10	971.33	961.33	abandoned before remediation
MW-3R	06/15/17	980.19	19.5	10	970.69	960.69	

GROUNDWATER LEVEL INFORMATION

Date	04/05/13			07/06/13			10/26/13			06/18/14			09/18/16		
Well	Depth	Product	Elev	Depth	Product	Elev	Depth	Product	Elev	Depth	Product	Elev	Depth	Product	Elev
MW-1	11.94	0	968.69	5.95	0	974.68	11.98	0	968.65	10.33	0	970.3	10.45	0	970.18
MW-2	12.03	0	968.08	6.13	0	973.98	12.27	0	967.84	10.74	0	969.37	10.38	0	969.73
MW-3	10.90	0	969.13	5.73	0	974.3	11.21	0	968.82	8.51	0	971.52	9.40	sheen	970.63
MW-3R	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni	ni
Gradient	0.0213 ft/ft N87°W			0.0094 ft/ft S28°W			0.0187 ft/ft S81°W			0.0226 ft/ft N80°W			0.0188 ft/ft N83°W		
Date	7/3/2017			10/21/17			2/17/2018			4/20/2018					
Well	Depth	Product	Elev	Depth	Product	Elev	Depth	Product	Elev	Depth	Product	Elev			
MW-1	5.55	0	975.08	8.85	0	971.78	11.46	0	969.17	9.91	0	970.72			
MW-2	5.80	0	974.31	8.96	0	971.15	11.40	0	968.71	10.16	0	969.95			
MW-3	aband	aband	aband	aband	aband	aband	aband	aband	aband	aband	aband	aband			
MW-3R	5.30	0	974.89	8.18	0	972.01	10.99	0	969.2	10.04	0	970.15	--		
Gradient	0.0127 ft/ft N61°W			0.0174 ft/ft S87°W			0.0099 ft/ft S77°W			0.0105 ft/ft S15°W					

- Information reported in feet  
- Elevation data is in feet above mean sea level

- ni = well not yet installed  
- aband = well abandoned

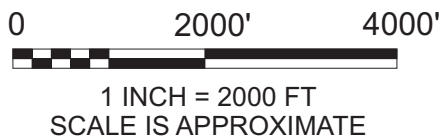
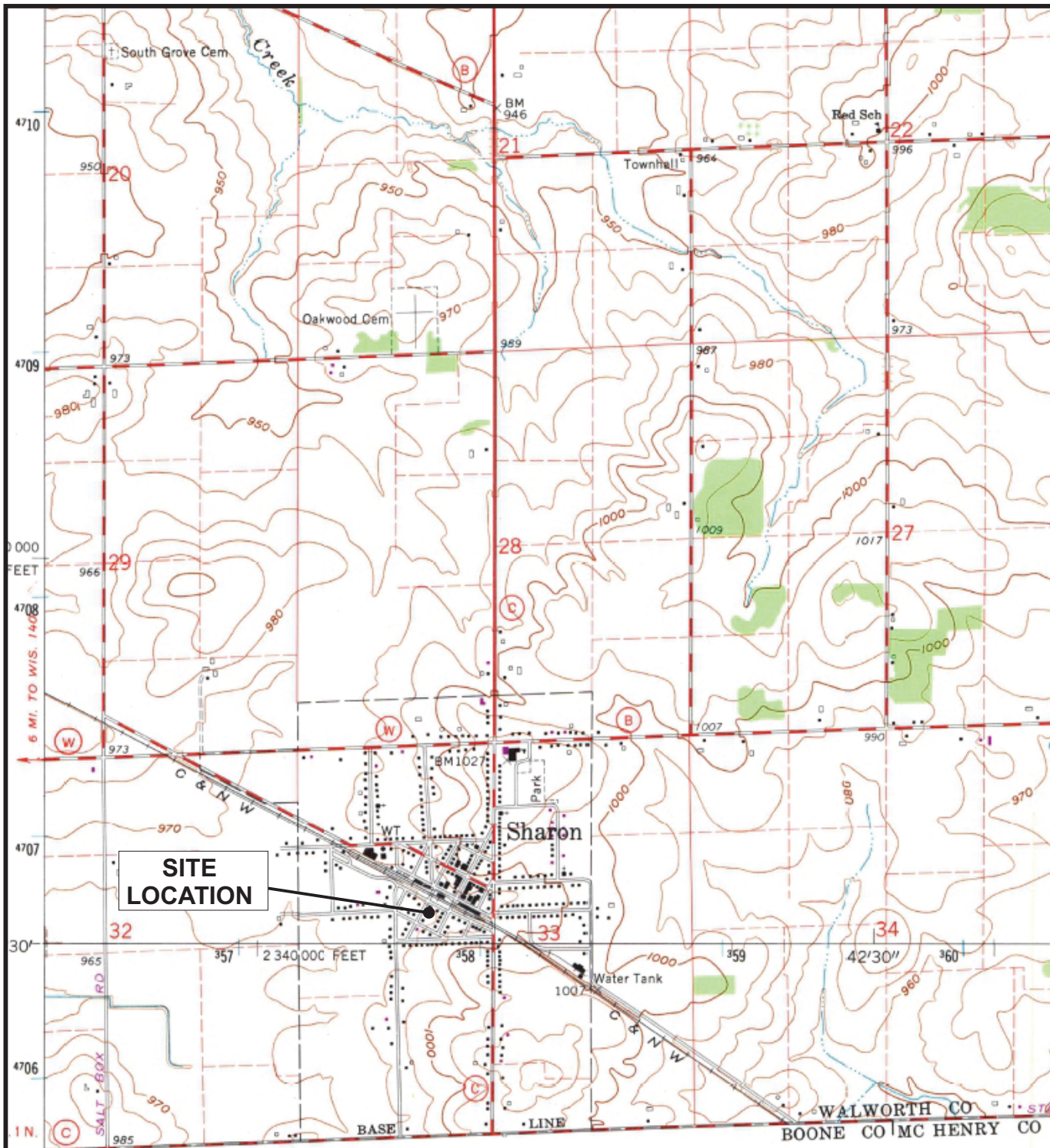


**CASE CLOSURE ATTACHMENTS**  
**Joyce Popera Property**  
**190 Station Street - Sharon, WI**  
**BRRTS: 03-65-556558**

**ATTACHMENT B - MAPS, FIGURES and PHOTOS**

**TABLE OF CONTENTS**

<u>TITLE</u>	<u>COMMENTS</u>
B.1.a. Location Map	- Attached.
B.1.b. Detailed Site Map	- Attached.
B.1.c. RR Site Map	- Attached.
B.2.a. Soil Contamination	- Attached.
B.2.b. Residual Soil Contamination	- Attached.
B.3.a. Geologic Cross-Section Figure	- Attached.
B.3.b. Groundwater Isoconcentration	- Attached.
B.3.c.1. Groundwater Flow Direction	- Flow April 2013 - Attached.
B.3.c.2. Groundwater Flow Direction	- Flow April 2018 - Attached.
B.3.d. Monitoring Wells	- Attached.
B.4.a. Vapor Intrusion Map	- No attachment. No vapor sampling conducted since RR-800 screening indicated contamination does not present a vapor threat.
B.4.b. Other Media of Concern	- No attachment. No sediment or surface water encountered during sampling at site.
B.4.c. Other	- No attachment.
B.5. Structural Impediment Photos	- No attachment. Structures at the site were not an impediment...

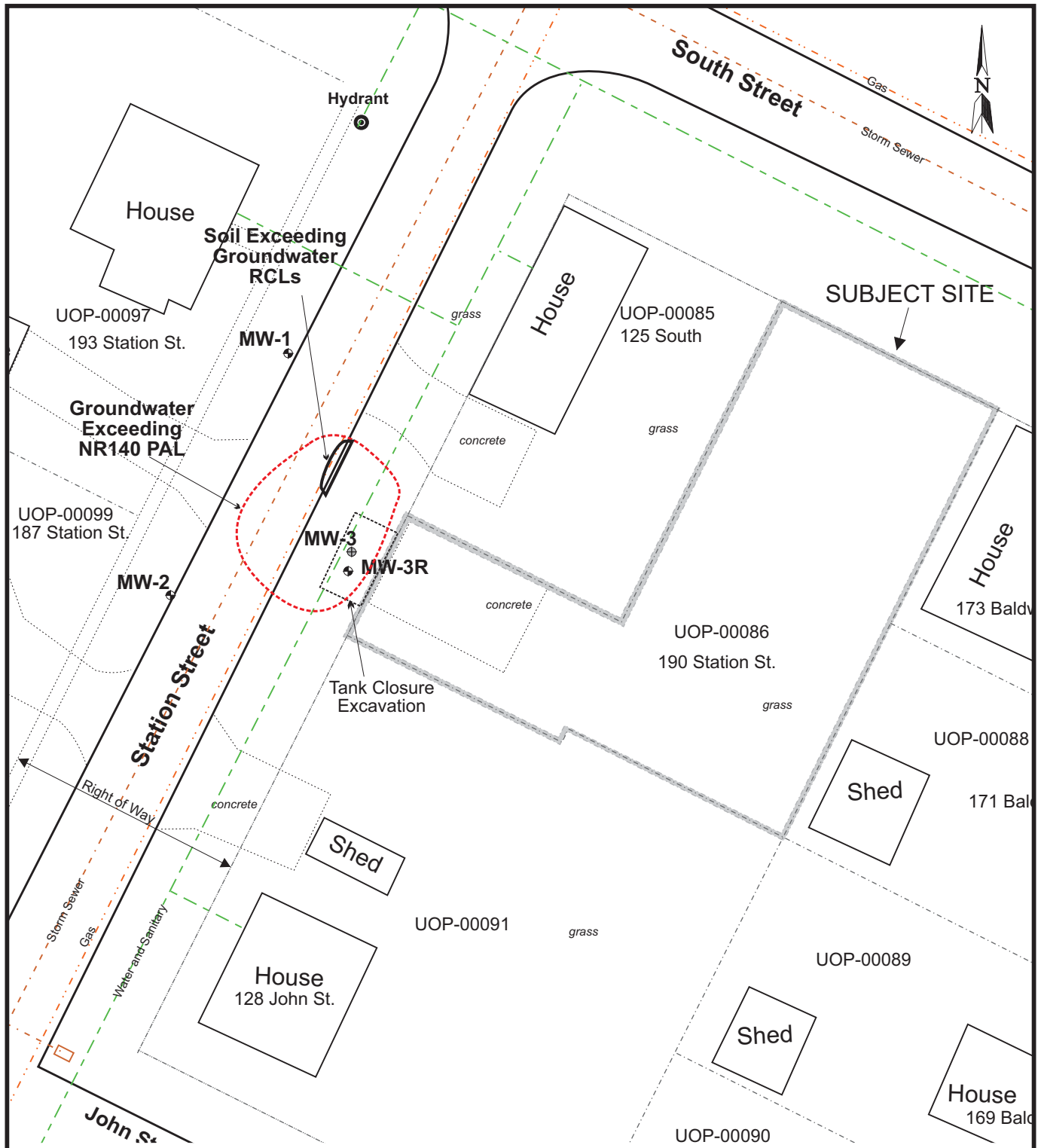


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 DATE: 04/11/2019  
 PREPARED: MDF APPROVED:  
 SOURCE: USGS 7.5' Quadrangle Series Sharon, WI Quadrangle (1960)

**SEYMOUR ENVIRONMENTAL SERVICES, INC.**

**SITE LOCATION**  
 Joyce Popera Property  
 190 Station Street  
 Sharon, Wisconsin

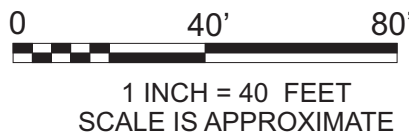
ATTACHMENT  
**B.1.a.**



**LEGEND**

**MW-1**  
 ⊕ - Monitoring Well Location

**MW-3**  
 ⊕ - Monitoring Well (abandoned)



FILE/PATH: D:\PROJECTS\POPERA\  
 Popera-basemap40ft.cdr

DATE: 04/15/2019

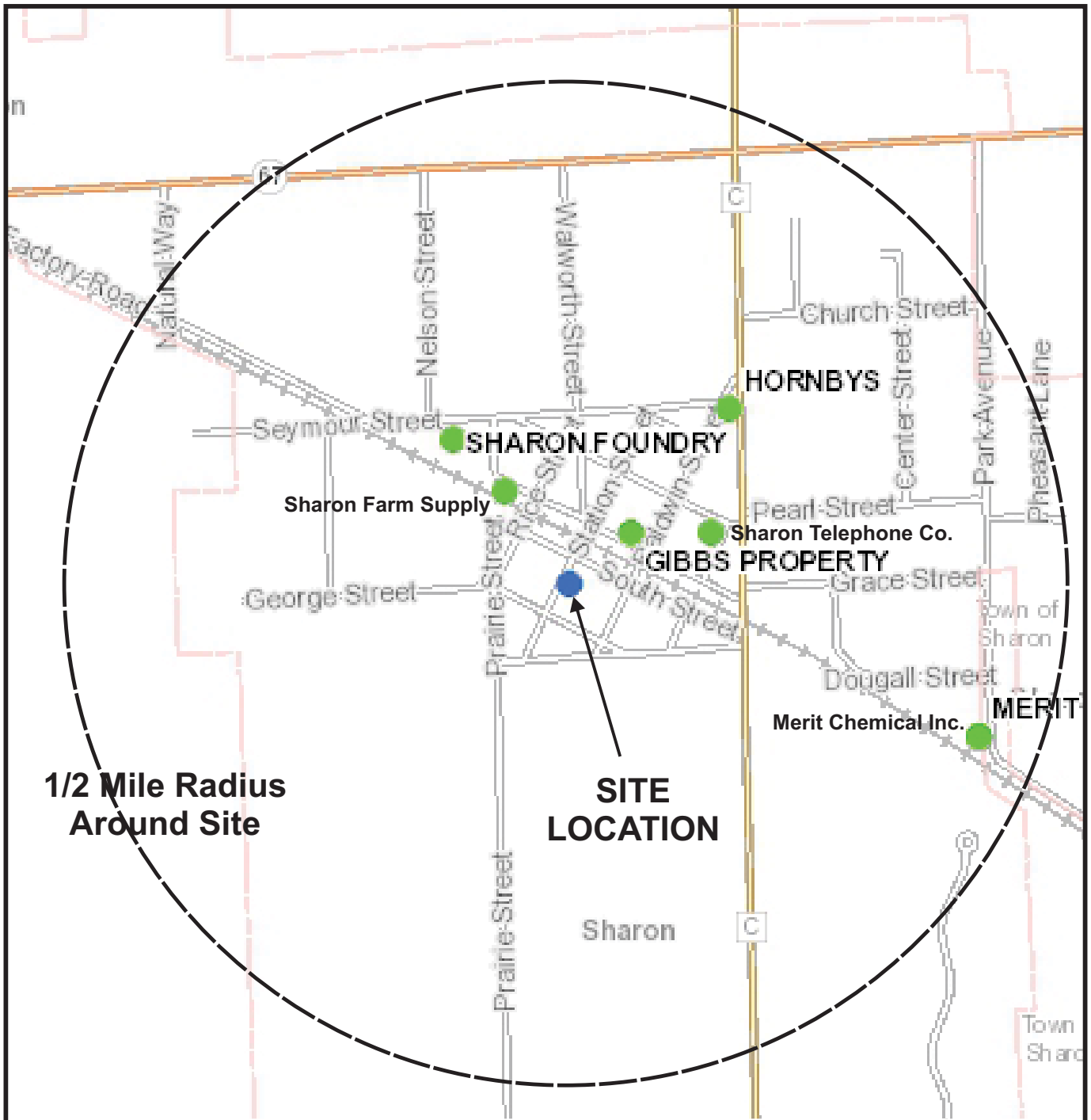
PREPARED: MDF      APPROVED:

SOURCE:  
 WALWORTH COUNTY PUBLIC MAPPING  
 FIELD MEASUREMENTS

**SEYMOUR  
 ENVIRONMENTAL  
 SERVICES, INC.**

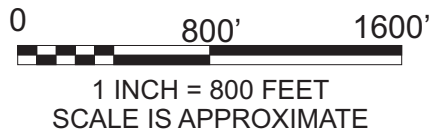
**DETAILED SITE MAP**  
 Joyce Popera Property  
 190 Station Street  
 Sharon, Wisconsin

**ATTACHMENT**  
**B.1.b.**



**1/2 Mile Radius  
Around Site**

**SITE  
LOCATION**

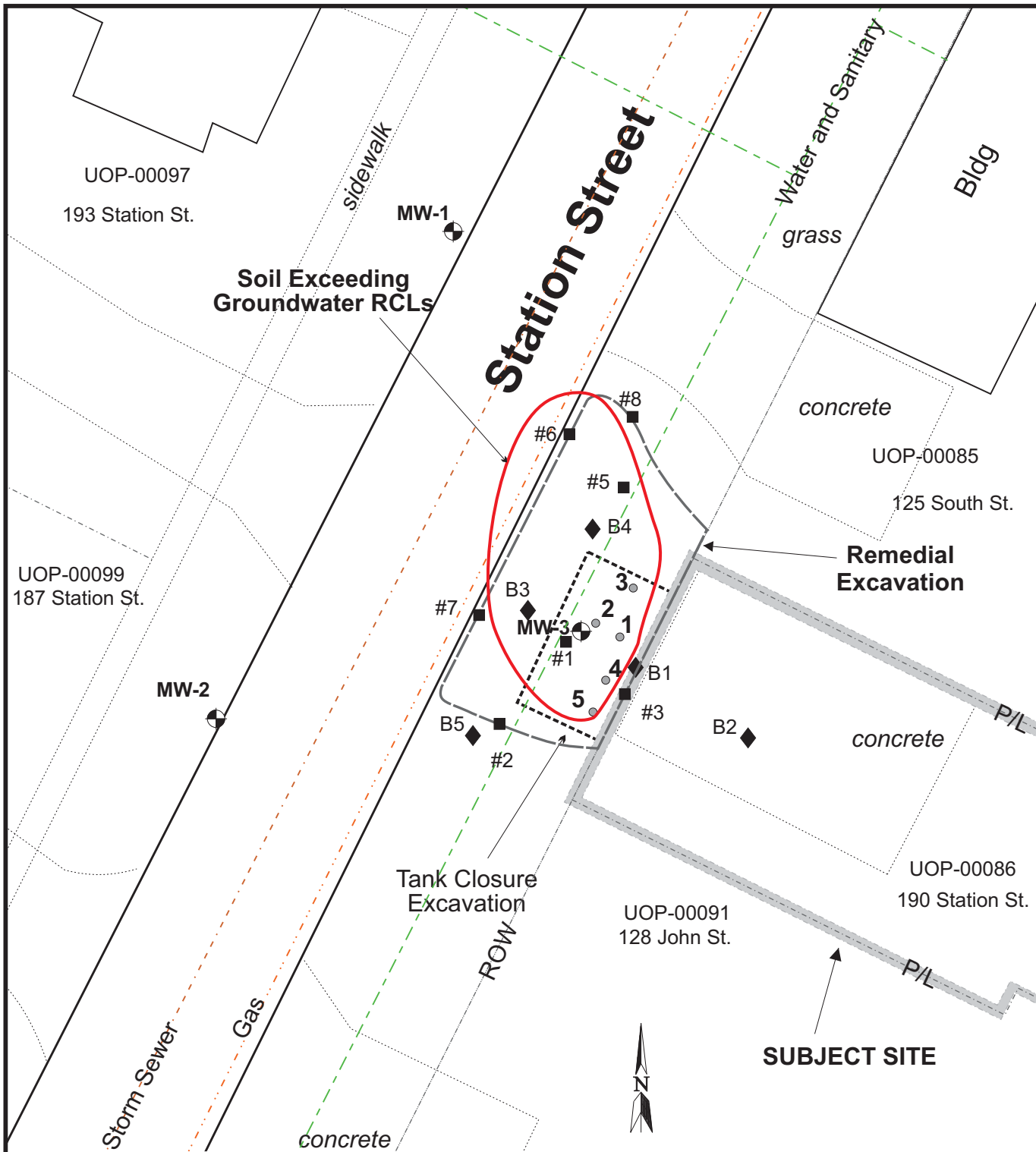


FILE/PATH: D:\PROJECTS\POPERA\  
Popera-RRsitemap.cdr  
DATE: 04/09/2019  
PREPARED: MDF APPROVED:  
SOURCE:  
WDNR RR Site Mapping

**SEYMOUR  
ENVIRONMENTAL  
SERVICES, INC.**

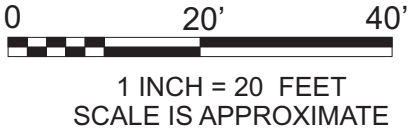
**RR SITE MAP  
JOYCE POPERA PROPERTY  
190 Station Street  
Sharon, Wisconsin**

ATTACHMENT  
**B.1.c.**



**LEGEND**

- #7 ■ - Excavation Sample (Sept. 2016)
- MW-1 ◆ - Monitoring Well Location
- B5 ◆ - Geoprobe (Nov. 2012)
- 3 ○ - Tank Closure Sample



FILE/PATH: D:\PROJECTS\POPERA\  
Popera-basemap-20ft.cdr

DATE: 04/15/2019

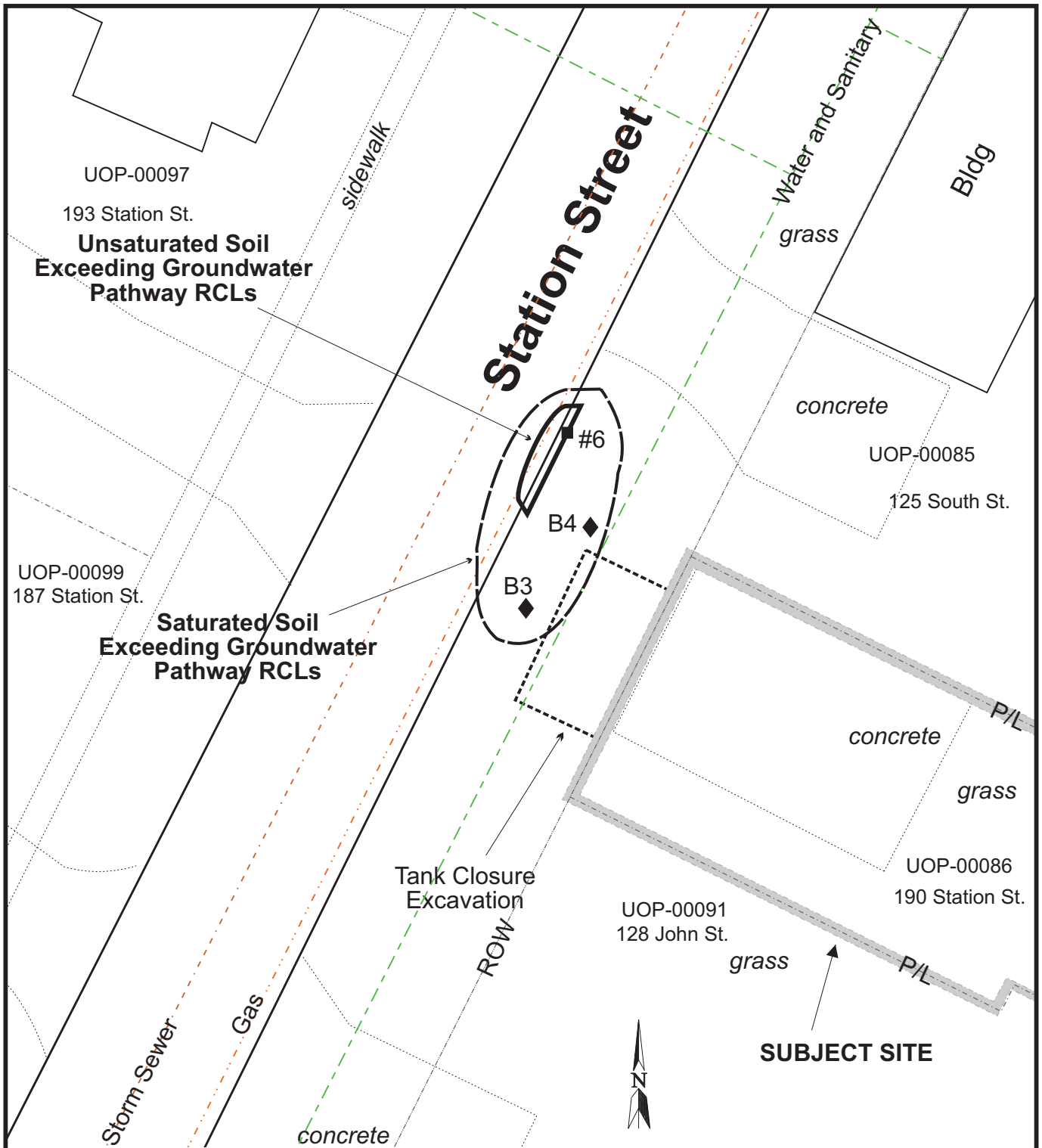
PREPARED: MDF      APPROVED:

SOURCE:  
WALWORTH COUNTY PUBLIC MAPPING  
FIELD MEASUREMENTS

**SEYMOUR  
ENVIRONMENTAL  
SERVICES, INC.**

**SOIL CONTAMINATION**  
Joyce Popera Property  
190 Station Street  
Sharon, Wisconsin

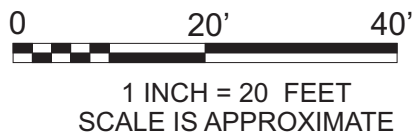
ATTACHMENT  
**B.2.a.**



**LEGEND**

#7  
 ■ - Excavation Sample (Sept. 2016)

B5  
 ◆ - Geoprobe (Nov. 2012)



FILE/PATH: D:\PROJECTS\POPERA\  
 Popera-basemap-20ft.cdr

DATE: 04/15/2019

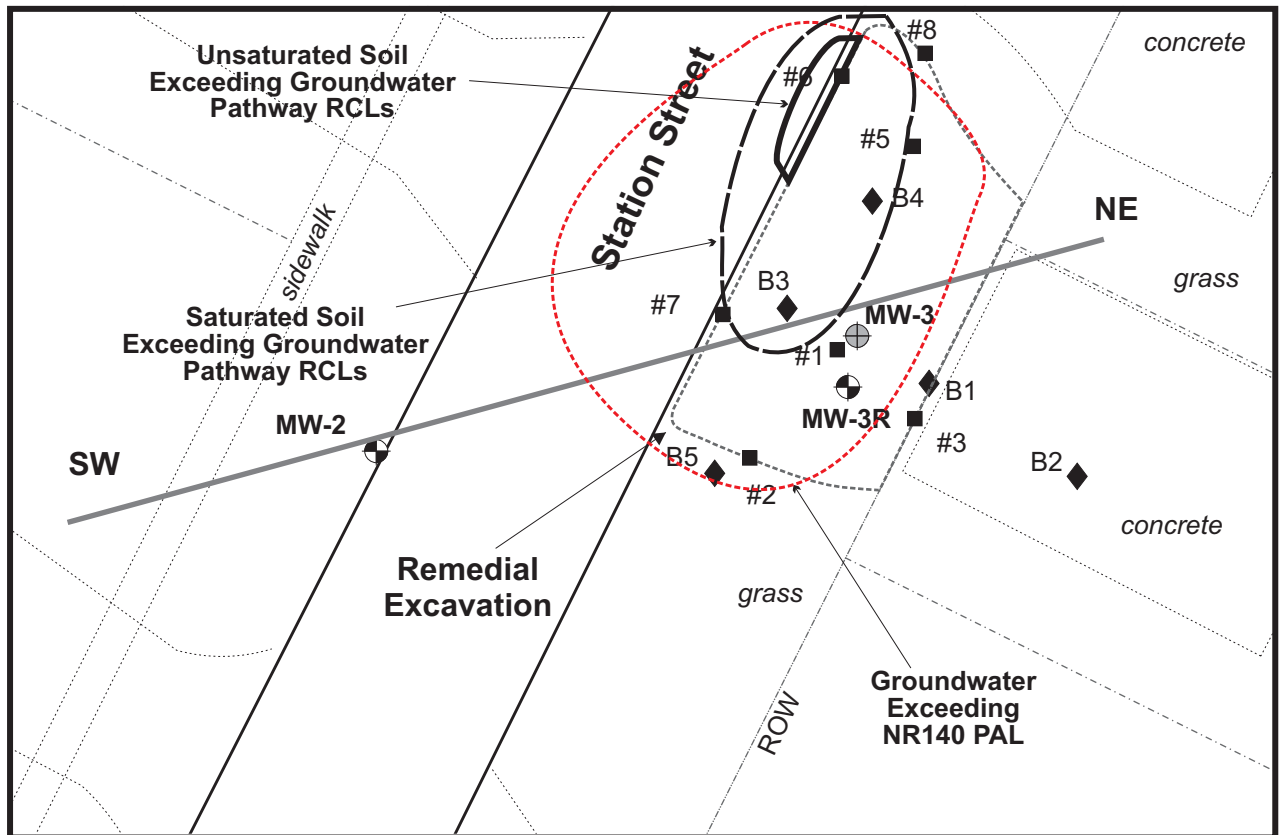
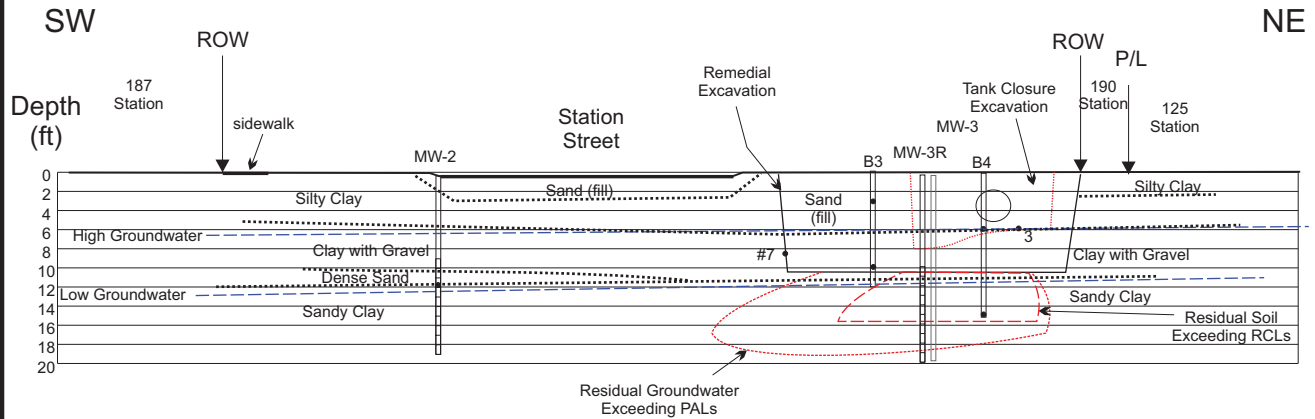
PREPARED: MDF APPROVED:

SOURCE:  
 WALWORTH COUNTY PUBLIC MAPPING  
 FIELD MEASUREMENTS

**SEYMOUR  
 ENVIRONMENTAL  
 SERVICES, INC.**

**RESIDUAL SOIL CONTAMINATION**  
 Joyce Popera Property  
 190 Station Street  
 Sharon, Wisconsin

ATTACHMENT  
**B.2.b.**

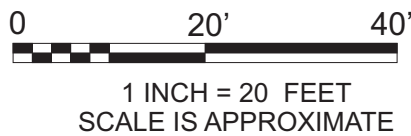


**LEGEND**

3 - Tank Closure Sample

B5 - Geoprobe (Nov. 2012)

MW-1 - Monitoring Well Location



FILE/PATH: D:\PROJECTS\POPERA\  
Popera-basemap20ft.cdr

DATE: 04/17/2019

PREPARED: MDF APPROVED:

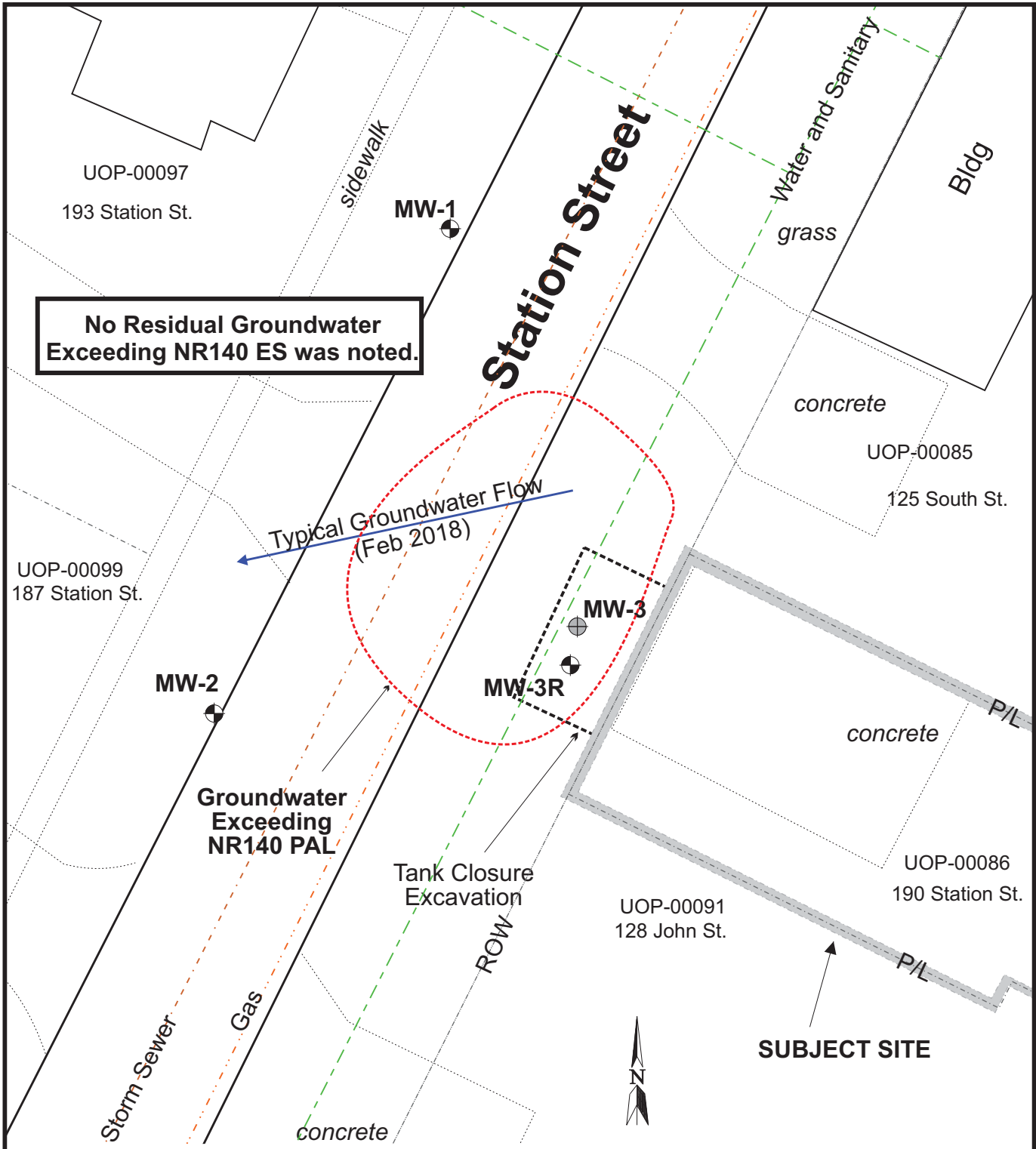
SOURCE:  
WALWORTH COUNTY PUBLIC MAPPING  
FIELD MEASUREMENTS

**SEYMOUR  
ENVIRONMENTAL  
SERVICES, INC.**

**GEOLOGIC CROSS-SECTION FIGURE**  
Joyce Popera Property  
190 Station Street  
Sharon, Wisconsin


ATTACHMENT


**B.3.a.**

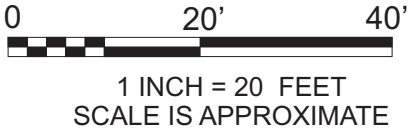


**No Residual Groundwater Exceeding NR140 ES was noted.**

**LEGEND**

MW-1  
 - Monitoring Well Location

MW-3  
 - Monitoring Well (abandoned)



FILE/PATH: D:\PROJECTS\POPERA\  
 Popera-basemap-20ft.cdr

DATE: 04/15/2019

PREPARED: MDF      APPROVED:

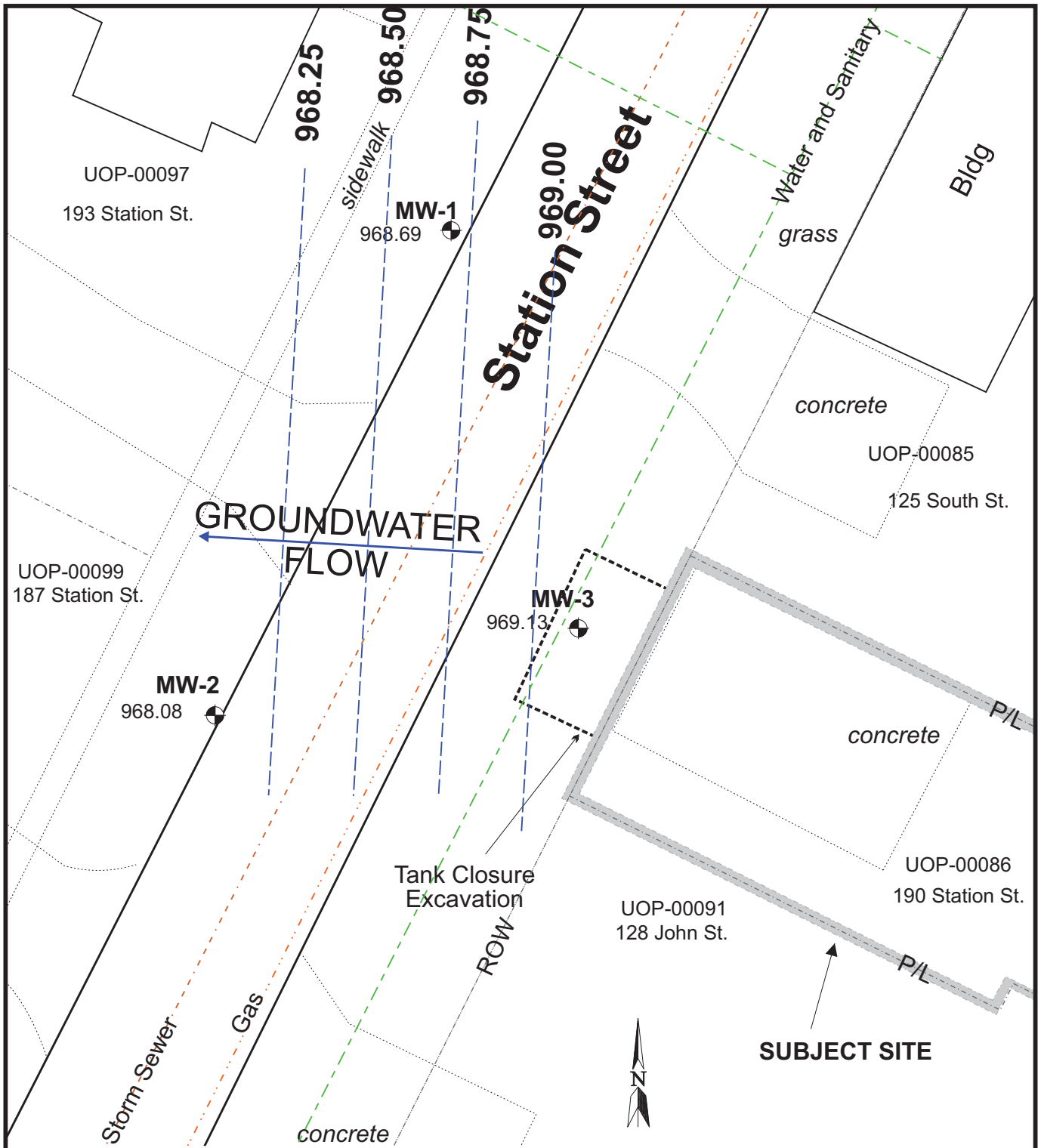
SOURCE:  
 WALWORTH COUNTY PUBLIC MAPPING  
 FIELD MEASUREMENTS

**SEYMOUR ENVIRONMENTAL SERVICES, INC.**

**GROUNDWATER ISOCONCENTRATION**  
 Joyce Popera Property  
 190 Station Street  
 Sharon, Wisconsin

ATTACHMENT  
**B.3.b.**





**LEGEND**

- MW-1 - Monitoring Well Location
- MW-3 - Monitoring Well (abandoned)

0 20' 40'

1 INCH = 20 FEET  
SCALE IS APPROXIMATE

FILE/PATH: D:\PROJECTS\POPERA\  
Popera-basemap-20ft.cdr

DATE: 04/15/2019

PREPARED: MDF APPROVED:

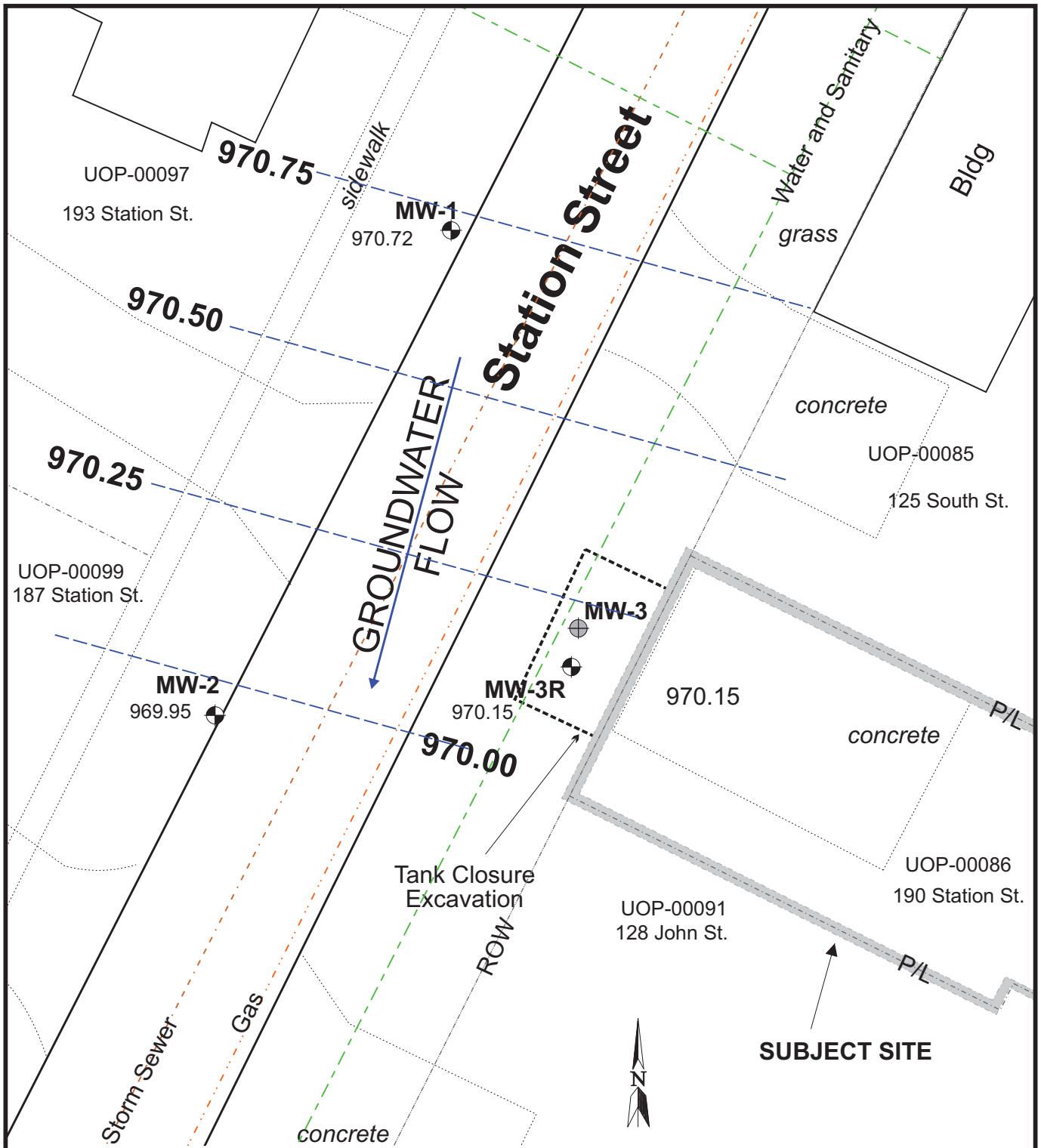
SOURCE:  
WALWORTH COUNTY PUBLIC MAPPING  
FIELD MEASUREMENTS

**SEYMOUR  
ENVIRONMENTAL  
SERVICES, INC.**

**GROUNDWATER FLOW (April 2013)**  
Joyce Popera Property  
190 Station Street  
Sharon, Wisconsin

ATTACHMENT

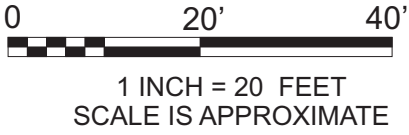
**B.3.c.1.**



**LEGEND**

MW-1  
 - Monitoring Well Location

MW-3  
 - Monitoring Well (abandoned)



FILE/PATH: D:\PROJECTS\POPERA\  
 Popera-basemap-20ft.cdr

DATE: 04/15/2019

PREPARED: MDF      APPROVED:

SOURCE:  
 WALWORTH COUNTY PUBLIC MAPPING  
 FIELD MEASUREMENTS

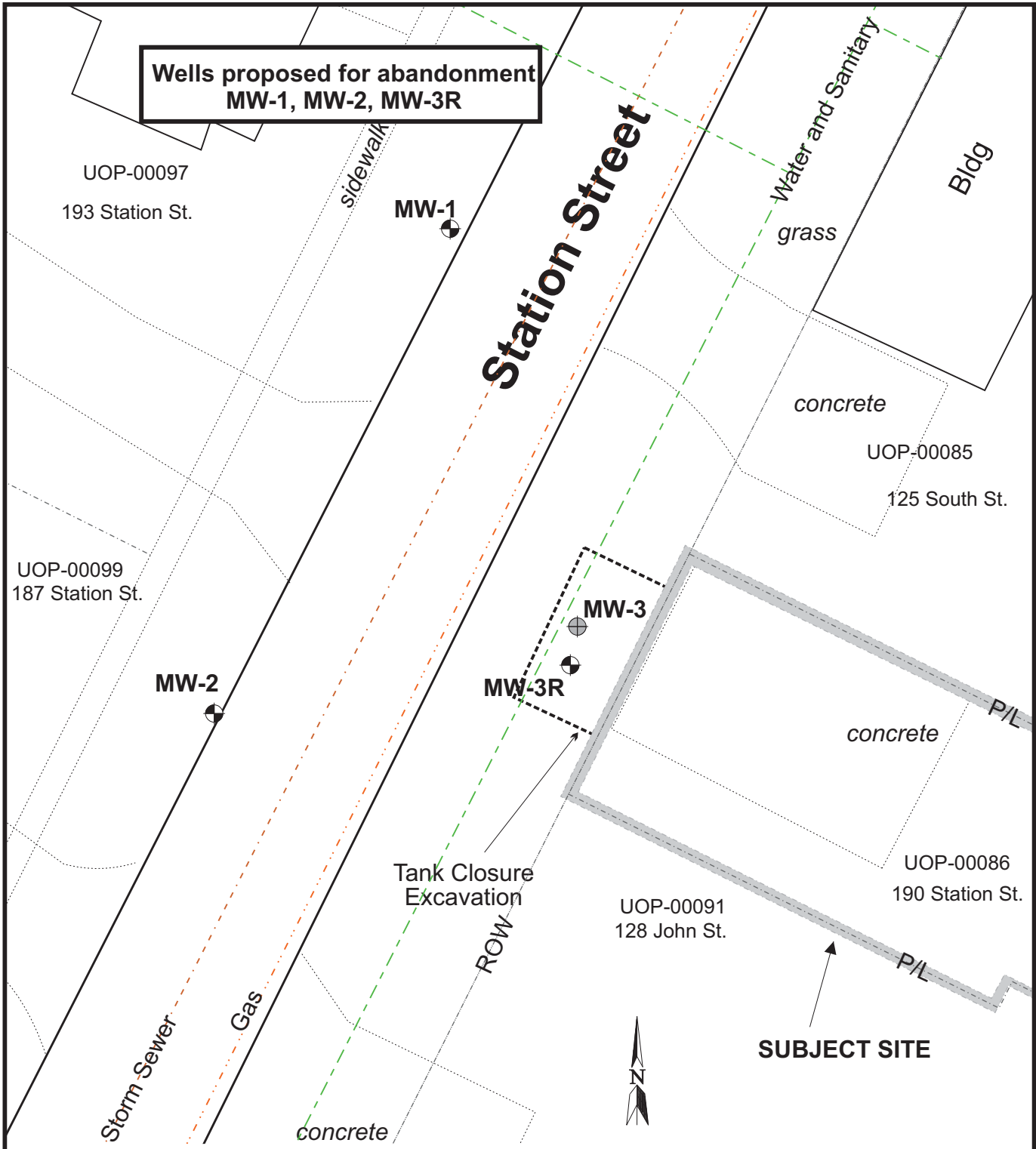
**SEYMOUR  
 ENVIRONMENTAL  
 SERVICES, INC.**

**GROUNDWATER FLOW (April 2018)**  
 Joyce Popera Property  
 190 Station Street  
 Sharon, Wisconsin

ATTACHMENT


**B.3.c.2.**

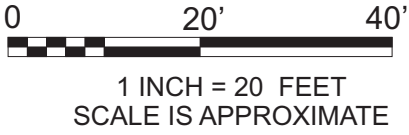
**Wells proposed for abandonment  
MW-1, MW-2, MW-3R**



**LEGEND**

MW-1  
 - Monitoring Well Location

MW-3  
 - Monitoring Well (abandoned)



FILE/PATH: D:\PROJECTS\POPERA\  
Popera-basemap-20ft.cdr

DATE: 04/15/2019

PREPARED: MDF APPROVED:

SOURCE:  
WALWORTH COUNTY PUBLIC MAPPING  
FIELD MEASUREMENTS

**SEYMOUR  
ENVIRONMENTAL  
SERVICES, INC.**

**MONITORING WELLS**  
Joyce Popera Property  
190 Station Street  
Sharon, Wisconsin

ATTACHMENT

**B.3.d.**

**CASE CLOSURE ATTACHMENTS**  
**Joyce Popera Property**  
**190 Station Street - Sharon, WI**  
**BRRTS: 03-65-556558**

**ATTACHMENT C - REMEDIAL ACTION DOCUMENTATION**

**TABLE OF CONTENTS**

<u>TITLE</u>	<u>COMMENTS</u>
C.1. Soil Investigation Documentation	- No attachment.
C.2. Investigative Waste	- No attachment. No investigative waste remains.
C.3. Site Specific RCL Documentation	- No attachment. Default RCLs from WDNR calculator used at site.
C.4. Construction Documentation	- No attachment. No constructed remedial system/action.
C.5. Decommissioning of Remedial System	- No attachment. No constructed remedial system/action.
C.6. Other	- No attachment. No remedial action.

**CASE CLOSURE ATTACHMENTS**  
**Joyce Popera Property**  
**190 Station Street - Sharon, WI**  
**BRRTS: 03-65-556558**

**ATTACHMENT D - MAINTENANCE PLAN**

**TABLE OF CONTENTS**

<u>TITLE</u>	<u>COMMENTS</u>
D.1. Description of Maintenance Action (type, location)	- No attachment- No maintenance required.
D.2. Location Map	- No attachment- No maintenance required.
D.3. Photographs (for sites with cover, vapor mitigation...)	- No attachment- No maintenance required.
D.4. Inspection Log	- No attachment- No maintenance required.

**CASE CLOSURE ATTACHMENTS**  
**Joyce Popera Property**  
**190 Station Street - Sharon, WI**  
**BRRTS: 03-65-556558**

**ATTACHMENT E - MONITORING WELL INFORMATION**

- MONITORING WELL MW-1, MW-2, and MW-3R HAS BEEN LOCATED AND WILL BE ABANDONED UPON CLOSURE**
- MONITORING WELL MW-3 AT THE SITE HAVE ALREADY BEEN ABANDONED**

**CASE CLOSURE ATTACHMENTS**  
**Joyce Popera Property**  
**190 Station Street - Sharon, WI**  
**BRRTS: 03-65-556558**

**ATTACHMENT F - SOURCE LEGAL DOCUMENTS**

**TABLE OF CONTENTS**

<u>TITLE</u>	<u>COMMENTS</u>
F.1. Deed	- Attached.
F.2. Certified Survey Map	- Attached.
F.3. Verification of Zoning	- Attached
F.4. Signed Statement	- Attached

**TERMINATION OF DECEDENT'S  
PROPERTY INTEREST**

Use black ink

745873



DECEDENT'S NAME <sup>P.</sup> <i>The Advers P. Popera, Jr</i>	DATE OF DEATH <i>Sept. 14, 2008</i>
ADDRESS OF DECEDENT AT DATE OF DEATH <i>W3523 Oakwood Dr.,</i>	CITY ST ZIP <i>Lake Geneva WI 5347</i>

Recorded  
Sep. 19, 2008 AT 02:59PM  
CONNIE J WOOLEVER  
REGISTER OF DEEDS  
WALWORTH COUNTY, WI  
Fee Amount: \$25.00  
Total Pages 6

Recording area

**PRESENTATION OF DEATH CERTIFICATE**

I certify that I have viewed a certified copy of the decedent's death certificate.

*Connie J. Woolever*

*September 19, 2008*

REGISTER OF DEEDS SIGNATURE  
*Connie J. Woolever/pkr*

Interest in property is terminated under (please check appropriate statute):

- s. 867.045 which pertains to property in which the decedent was a joint tenant, had a vendor's or mortgagee's interest, or had a life estate. (You must provide a copy of the document establishing interest in property.)
- s. 867.046 which pertains to property of a decedent specified in a marital property agreement; survivorship marital property; or a third party confirmation. (You must provide a copy of the document establishing interest in property.)

Name and return address: *25.00*  
*Joyce A Popera*  
*W3523 Oakwood Dr.*  
*Lake Geneva, WI 5347*

Parcel Identification Number

Presentation of recorded document establishing interest in real estate.

DOCUMENT #	VOLUME/REEL	PAGE/IMAGE	RECORDS/DEEDS
<i>247247</i>	<i>601</i>	<i>833</i>	<i>Records</i>
<i>113540</i>	<i>341</i>	<i>377</i>	<i>Records</i>
<i>359306</i>	<i>648</i>	<i>4210</i>	<i>Records</i>
Description of the real estate.			<input checked="" type="checkbox"/> See Attached

**Description of personal property (if any) being transferred.**

You may list savings accounts, checking accounts and securities on attached pages. Indicate person(s) receiving property.

**DECLARATION:** I(We) declare that this document is, to the best of my(our) knowledge and belief, true, correct and complete and is in conformity with the provisions and limitations of the Wisconsin Statutes.  
(If more space is needed, attach pages.)

Name and Address (List all remaindermen/ beneficiaries)	Applicant's Interest in Property (ie: spouse, remainderman)	Applicant Signature(Notarized) (Print or type name below signature)	Date
<i>Joyce A Popera</i> <i>W3523 Oakwood Dr.</i> <i>Lake Geneva, WI 5347</i>	<i>spouse</i>	<i>Joyce A Popera</i>	<i>Sept. 19</i> <i>2008</i>

This document was drafted  
by: (print or type name below)

STATE OF WISCONSIN, County of  
Subscribed and sworn to before me on:

*Joyce A. Popera*

by the above named person(s):

*WALWORTH*  
*9.19.08*

NOTE: SEE DIRECTIONS.  
Wisconsin Register of Deeds  
Association Form HT-110  
Website Version 03/2007

Signature of Notary or other person  
authorized to administer an oath (as per  
s 706.06, 706.07)

*Anita M Petikoff*

Print or type name:

*ANITA M PETIKOFF*

Title:

Date Commission Expires:

THIS IS A STANDARD FORM. ANY MODIFICATIONS TO THIS FORM SHOULD BE CLEARLY IDENTIFIED.



DOCUMENT NO.

247247

STATE BAR OF WISCONSIN FORM 3 - 1982  
QUIT CLAIM DEED

FORM 601 PAGE 833

THIS SPACE RESERVED FOR RECORDING DATA

340-854 //  
RECORDED IN VOL. 601  
PAGE 833

'92 DEC 7 AM 10 21

LOIS M. KETTERHAGEN  
REGISTER OF DEEDS  
WALWORTH COUNTY, WI

CORALIE RECOB  
quit-claims to THADDEUS P. POPERA, JR. and JOYCE A. POPERA, his  
wife, as survivorship marital property.

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

THE SOUTH ONE-THIRD (1/3) OF LOT 1 AND ALL OF LOT 2, BLOCK 14 OF THE  
ORIGINAL PLAT OF THE VILLAGE OF SHARON, BEING A PART OF SECTION 33,  
TOWNSHIP 1 NORTH, RANGE 15 EAST IN WALWORTH COUNTY, WISCONSIN.

RETURN TO

Allen, H. et al - 89  
10-50

Tax Parcel No: UOP 00086

THIS DEED IS IN SATISFACTION OF A LAND CONTRACT RECORDED APRIL 1, 1985 BY AND BETWEEN CARRIE M. LADER, AS VENDOR  
AND THADDEUS P. POPERA, JR. AND JOYCE A. POPERA AS PURCHASER, SET FORTH IN VOLUME 340 OF RECORDS AT PAGE 854 AS  
DOCUMENT NO. 113242. THE INTEREST OF CARRIE M. LADER WAS ASSIGNED TO THE GRANTOR HEREIN UNDER A FINAL JUDGMENT  
IN THE ESTATE OF CARRIE M. LADER ON FILE IN THE REGISTER OF PROBATE'S OFFICE FOR WALWORTH COUNTY, FILE NO.  
88-PR-286, SAID FINAL JUDGMENT BEING ENTERED AND FILED ON THE 3rd DAY OF OCTOBER, 1990.

This IS NOT homestead property.  
(is) (is not)

Dated this 3 day of Nov, 1992

(SEAL)

(SEAL)

CORALIE RECOB

(SEAL)

(SEAL)

AUTHENTICATION

FEE  
# 3  
EXEMPT

ACKNOWLEDGMENT

Signature(s)

STATE OF WISCONSIN

authenticated this day of 1992

WALWORTH County, Wis. } ss.  
Personally came before me this 3 day of  
Nov, 1992 the above named  
CORALIE RECOB

TITLE: MEMBER STATE BAR OF WISCONSIN

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

to me known to be the person who executed the foregoing instrument and acknowledge the same.

THIS INSTRUMENT WAS DRAFTED BY  
ATTORNEY TIMOTHY P. SHATEK

LAKE GENEVA, WI 53147

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

Notary Public WALWORTH County, Wis.  
My Commission is permanent. (If not, state expiration date: 1-31, 1993)

QUIT CLAIM DEED

STATE BAR OF WISCONSIN  
FORM No. 3 - 1982

Wisconsin Legal Blank Co. Inc.  
Milwaukee, Wis.

I hereby certify that I have on this 8th day of December, 1992  
microphotographed the above document in accordance with standards  
established by Sec. 228.03 (1) of Statutes with established  
procedures, Peter Hansen, Camera Operator

1/28/94

113540

VOL 341 PAGE 377

RECORDED IN VOL 341  
PAGE 377

APR 9 AM 9 13

LOIS M. KLEINERHAGEN  
REG. OF DEEDS  
WALWORTH COUNTY, WIS

Arlan Utesch

quit-claims to Thaddeus P. Popera and Joyce A. Popera,  
his wife

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

4.00 p/c  
RETURN TO Thaddeus Popera  
944 Grant St.  
Lake Geneva, Wis. 53147

Tax Parcel No: .....

The North 4 feet of the West half of Lot 8 in Block 14 of the Original Plat of the Village of Sharon, Walworth County, Wisconsin, as per original plat thereof, recorded in the office of the Register of Deeds in and for the County of Walworth and State of Wisconsin, excepting and reserving therefrom a strip of land one rod in width off from the South side of the West half of said Lot 8.

TRANSFER  
\$ 1.20  
FEE

This is NOT homestead property.  
(is not)

Dated this Fifth day of April, 19 85

(SEAL) Arlan Utesch (SEAL)

(SEAL) Arlan Utesch (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

Brian W. Riemer

Attorney at Law

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

ACKNOWLEDGMENT

STATE OF WISCONSIN

Walworth County, } ss.

Personally came before me this 5th day of April, 19 85 the above named Arlan Utesch

to me known to be the person ..... who executed the foregoing instrument and acknowledge the same.

John S. Mikaut  
Notary Public Walworth County, Wis.

Commission is permanent. (If not, state expiration date: March 12, 19 89.)

1436/5

ATTACHMENT F.2.  
CERTIFIED SURVEY MAP

Map of Sharon  
Wabouch Co. Wis.

S 1/2 of the E 1/2 of the NW 1/4 of Sec 33 Town No. 1 Range 15 East

Scale 100 feet to an inch 1856.

I Robert Campbell Civil Engineer hereby certify that I have surveyed and laid out into blocks and lots the South 1/2 of the East 1/2 of the North West 1/4 of Section 33 Town No. 1 Range 15 East in the County of Wabouch and State of Wisconsin. The same to be called Sharon on the line of the Chicago, St. Paul & Fond du Lac Rail Road and that the accompanying map is a correct representation of the same.  
Dated this 22<sup>nd</sup> day of October 1856.  
Robert Campbell C.E.

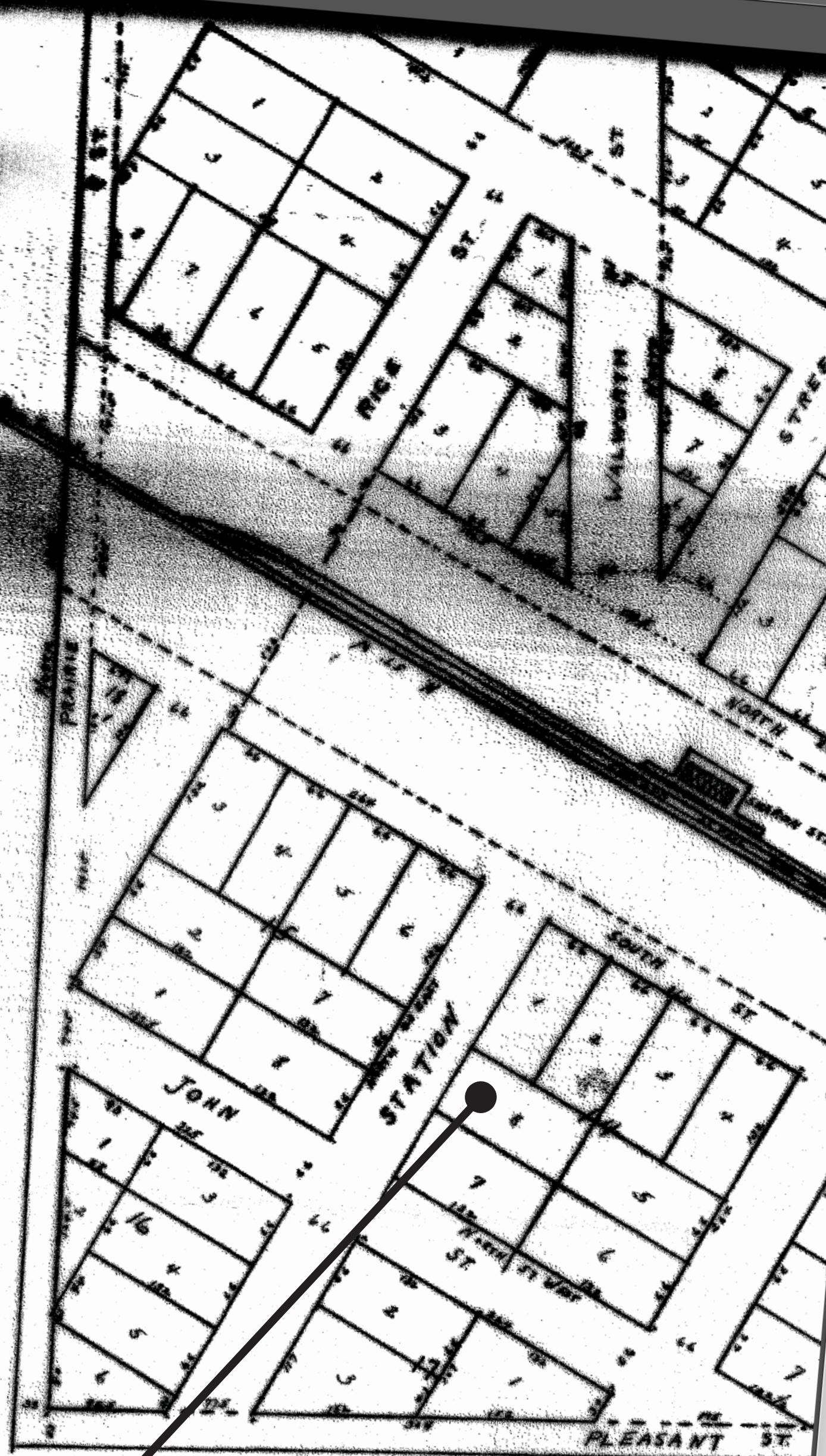
State of Wisconsin }  
Wabouch County }

On this 22<sup>nd</sup> day of October A.D. 1856 personally came before me the above named Robert Campbell, the owner and proprietor of the S 1/2 of E 1/2 of NW 1/4 of Sec. 33 Town No. 1 Range 15 East and acknowledged that he had surveyed and laid out the same into lots, blocks and streets that the same might be known and recorded at the Village of Sharon.

Henry Adkins Notary Public  
Wabouch County, Wis.

Recorded Oct. 22<sup>nd</sup> 1856  
at 2 o'clock P.M.

Henry Adkins Register of Deeds



**SITE  
LOCATION**

1894

## Robyn Seymour

---

**From:** Village of Sharon Clerk <clerk@villageofsharon.com>  
**Sent:** Monday, May 20, 2019 2:59 PM  
**To:** 'Robyn Seymour'  
**Subject:** RE: Zoning at 190 Station Street

Hello Robyn,

Yes that is correct, this property is zoned RD-1 Two Family Residence District.

Thank you,  
David Thurnau

David Thurnau  
Administrator-Clerk-Treasurer  
Village of Sharon  
125 Plain Street  
P.O. Box 379  
Sharon, WI 53585  
262-736-4888  
Fax 262-736-4889  
[clerk@villageofsharon.com](mailto:clerk@villageofsharon.com)  
[www.villageofsharon.com](http://www.villageofsharon.com)

---

**From:** Robyn Seymour [mailto:rseymour@chorus.net]  
**Sent:** Monday, May 20, 2019 2:54 PM  
**To:** clerk@villageofsharon.com  
**Subject:** Zoning at 190 Station Street

David:

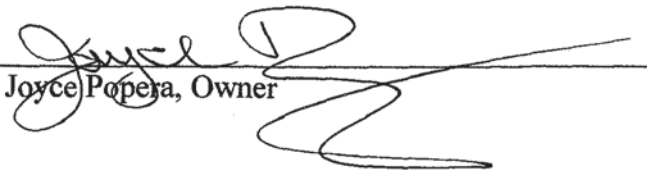
Thanks for your time discussing the zoning of the above referenced site (Popera property). I am confirming that you said that the site is in the 2 family residential district.

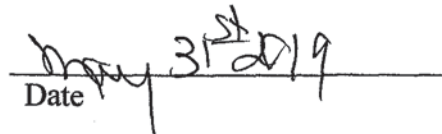
Thanks for your time, I hope I wrote that down correctly!

Robyn Seymour  
Seymour Environmental Services, Inc.  
2531 Dyreson Road  
McFarland, Wisconsin 53558  
608-225-9407 (cell)  
608-838-9120 (office)

**ATTACHMENT F.4.  
SIGNED STATEMENT  
CASE CLOSURE ATTACHMENTS  
Joyce Popera Property  
190 Station Street - Sharon, WI  
BRRTS: 03-65-556558**

To the best of my knowledge the legal description and parcel information attached to this package are accurate.

  
Joyce Popera, Owner

  
Date

**CASE CLOSURE ATTACHMENTS**  
**Joyce Popera Property**  
**190 Station Street - Sharon, WI**  
**BRRTS: 03-65-556558**

**ATTACHMENT G - NOTIFICATIONS TO OWNERS OF AFFECTED PROPERTIES**

**TABLE OF CONTENTS**

**NOTIFICATION A - Station Street Right-of-Way**

<u>TITLE</u>	<u>COMMENTS</u>
G.1. - Notification Letter	Attached
G.2.- Return Receipt	Attached
Deed	- Not applicable
Certified Survey Map	- Not applicable
Verification of Zoning	- Not applicable
Signed Statement	- Not applicable

AFFECTED  
A  
PROPERTY

RIGHT-OF-WAY

**Notification of Continuing Obligations  
and Residual Contamination**

Form 4400-286 (5/15)

**Section B: ROW Notification: Residual Contamination and/or Continuing Obligations - Non-DOT ROWs**

**KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS**

125 Plain Street P.O. Box 379  
Sharon, WI, 53585

Dear Mr. Griffin:

I am providing this notification to inform you of the location and extent of contamination remaining in a right-of-way for which you are responsible, and of certain long-term responsibilities (continuing obligations) for which village of Sharon may become responsible. I investigated a release of: petroleum related contamination from a former fuel system on 190 Station Street, Sharon, WI, 53585 that has shown that contamination remains in the right-of-way for which village of Sharon is responsible. I have responded to the release, and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

**You have 30 days to comment on the proposed closure request:**

The DNR will not review my closure request for at least 30 days after the date of this letter. As an affected right-of-way holder, you have a right to contact the DNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the DNR that is relevant to this closure request, you should mail that information to the DNR contact: 3911 Fish Hatchery Road, Fitchburg, WI, 53711, or at Jeffrey.Ackerman@wisconsin.gov.

**Residual Contamination:**

***Soil Contamination:***

Soil contamination remains at:

Beneath the eastern side of the right-of-way in front of 190 and 125 Station Street

The remaining contaminants include :

benzene, ethylbenzene, MTBE, toluene, trimethylbenzenes, and xylenes.

at levels which exceed the soil standards found in ch. NR 720, Wis. Adm. Code. The following steps have been taken to address any exposure to the remaining soil contamination.

The majority of the contamination was excavated and removed from the site and right-of way. A small volume of contaminated soils remain along where underground utility lines (natural gas) prevented further excavation.

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 you or any other person plan to conduct utility or building construction for which dewatering will be necessary, you or that person must contact the DNR's Water Quality Program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>.

**Continuing Obligations on the Right-of-Way (ROW) :** As part of the response actions, I am proposing that the following continuing obligations be used at the affected ROW. If my closure request is approved, you will be responsible for the following continuing obligations:



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**Notification of Continuing Obligations  
and Residual Contamination**

Form 4400-286 (5/15)

Page 2 of -4

**Residual Soil Contamination:**

If soil is excavated from the areas with residual contamination, the right-of-way holder at the time of excavation will be responsible for the following:

- determine if contamination is present,
  - determine whether the material would be considered solid or hazardous waste,
  - ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.
- Contaminated soil may be managed in-place, in accordance with s. NR 718, Wis. Adm. Code, with prior Department approval.

The right-of-way holder needs 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 during excavation activities to prevent a health threat to humans from ingestion, inhalation or dermal contact.

Depending on site-specific conditions, construction over contaminated soils or groundwater may result in vapor migration of contaminants into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

**GIS Registry and Well Construction Requirements:**

If this site is closed, all properties within the site boundaries where contamination remains, or where a continuing obligation is applied, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web, at <http://dnr.wi.gov/topic/Brownfields/clean.html>. Inclusion on this database provides public notice of remaining contamination and of any continuing obligations. Documents can be viewed on this database, and include final closure letters, site maps and any applicable maintenance plans. The location of the site may also be viewed on the Remediation and Redevelopment Sites Map (RR Sites Map), on the "GIS Registry" layer, at the same internet address listed above.

DNR approval prior to well construction or reconstruction is required for all sites included in the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. Special well construction standards may be necessary to protect the well from the remaining contamination. Well drillers need to first obtain approval from a regional water supply specialist in DNR's Drinking Water and Groundwater Program. The well construction application, form 3300-254, is on the internet at <http://dnr.wi.gov/topic/wells/documents/3300254.pdf>.

If you have any questions regarding this notification, I can be reached at: (608) 225-9407  
rseymour@chorus.net

<i>Signature of responsible party/environmental consultant for the responsible party</i>	Date Signed
<i>Robyn Seymour</i>	<i>April 18, 2019</i>

**Attachments**

**Contact Information**

**Legal Description for each Parcel:**

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PROPERTY

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The affected property is:

- the source property (the source of the hazardous substance discharge), but the property is not owned by the person who conducted the cleanup (a deeded property)
- a deeded property affected by contamination from the source property
- a right-of-way (ROW)
- a Department of Transportation (DOT) ROW

**Include this completed page as an attachment with all notifications provided under sections A and B.**

**Contact Information**

**Responsible Party:** The person responsible for sending this form, and for conducting the environmental investigation and cleanup is:

Responsible Party Name Joyce Popera

Contact Person Last Name Popera	First Joyce	MI	Phone Number (include area code) (262) 215-4189
Address W3523 Oakwood Drive	City Lake Geneva	State WI	ZIP Code 53147
E-mail			

**Name of Party Receiving Notification:**

Business Name, if applicable: Village of Sharon

Title Mr.	Last Name Griffin	First Nick	MI	Phone Number (include area code) (262) 348-6392
Address 125 Plain Street P.O. Box 379	City Sharon	State WI	ZIP Code 53585	

**Site Name and Source Property Information:**

Site (Activity) Name Joyce Popera Property

Address 190 Station Street	City Sharon	State WI	ZIP Code 53585
DNR ID # (BRRTS#) 03-56-558554	(DATCP) ID #		

**Contacts for Questions:**

If you have any questions regarding the cleanup or about this notification, please contact the Responsible Party identified above, or contact:

**Environmental Consultant:** Seymour Environmental Services

Contact Person Last Name Seymour	First Robyn	MI	Phone Number (include area code) (608) 838-9120
Address 2531 Dyreson Road	City McFarland	State WI	ZIP Code 53558
E-mail <u>RSeymour@chorus.net</u>			

**Department Contact:**

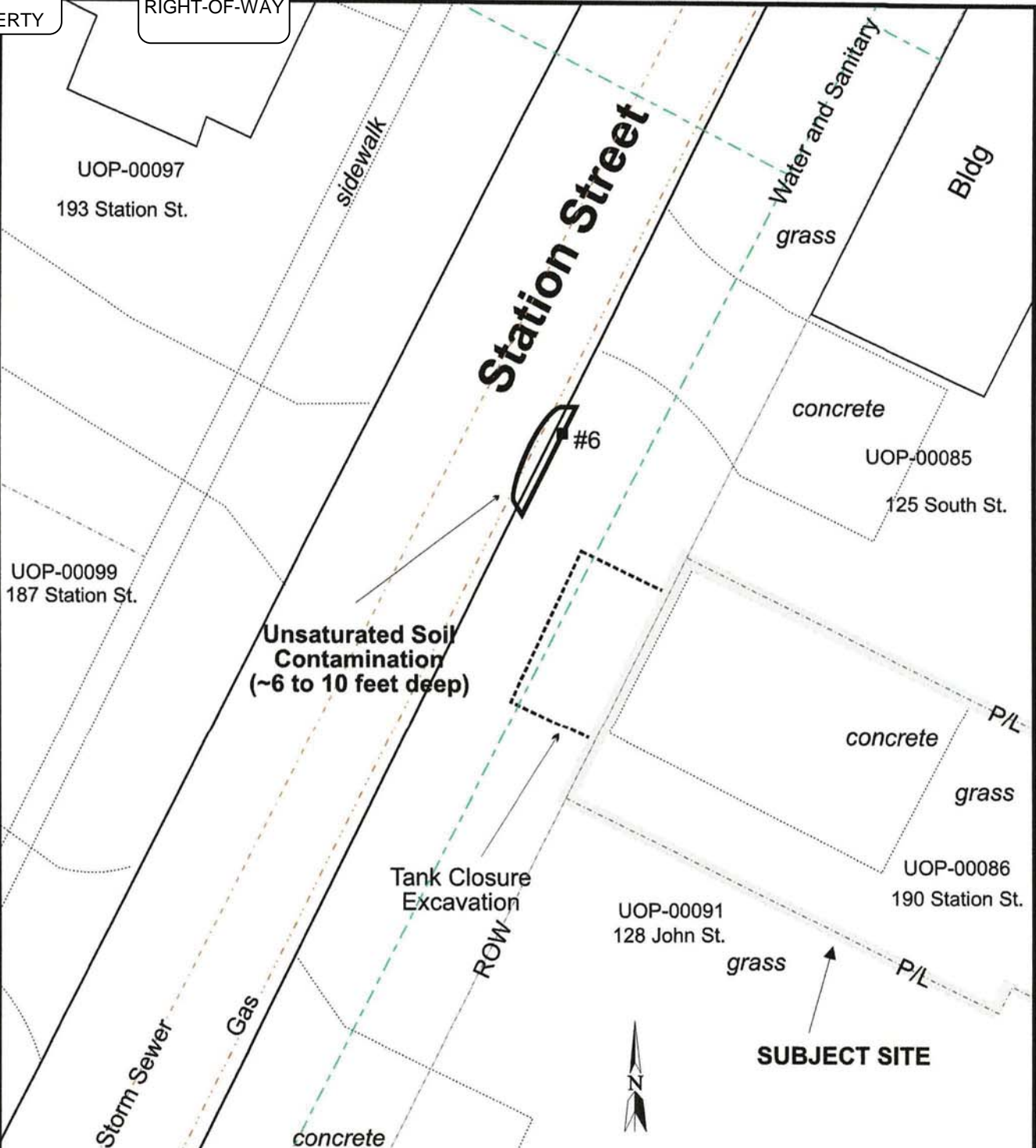
To review the Department's case file, or for questions on cleanups or closure requirements, contact:

**Department of:** Natural Resources (DNR)

Address 3911 Fish Hatchery Road	City Fitchburg	State WI	ZIP Code 53711
Contact Person Last Name Ackerman	First Jeff	MI	Phone Number (include area code) (608) 275-3323
E-mail (Firstname.Lastname@wisconsin.gov) <u>Jeffrey.Ackerman@wisconsin.gov</u>			

AFFECTED  
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RIGHT-OF-WAY



**LEGEND**

- #7 ■ - Excavation Sample (Sept. 2016)
- B5 ◆ - Geoprobe (Nov. 2012)



1 INCH = 20 FEET  
SCALE IS APPROXIMATE

FILE/PATH: D:\PROJECTS\IOPERA\  
Popera-basemap-20ft.cdr  
DATE: 04/15/2019  
PREPARED: MDF APPROVED:  
SOURCE:  
WALWORTH COUNTY PUBLIC MAPPING  
FIELD MEASUREMENTS


**SEYMOUR  
ENVIRONMENTAL  
SERVICES, INC.**

**RESIDUAL CONTAMINATION IN RIGHT-OF-WAY**  
Joyce Popera Property  
190 Station Street  
Sharon, Wisconsin

**FIGURE  
A**

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PROPERTY

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"><li>■ Complete items 1, 2, and 3.</li><li>■ Print your name and address on the reverse so that we can return the card to you.</li><li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li></ul>	A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to:  MR. NICK GRIFFIN 125 PLAIN ST. P.O. BOX 379 SHARON, WI 53585   9590 9402 4032 8079 5778 86	B. Received by (Printed Name) JAMMIE HUNKER C. Date of Delivery 4-22-19  D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
2. Article Number (Transfer from service label) 7018 2290 0001 6343 0150	3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Mail <input type="checkbox"/> Mail Restricted Delivery (over \$500) <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery
PS Form 3811, July 2015 PSN 7530-02-000-9053	Domestic Return Receipt



September 22, 2020

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Mr. Nick Griffin  
125 Plain Street  
PO Box 379  
Sharon, WI 53585

SUBJECT: Notice of Closure Approval with Continuing Obligation for Rights-of-Way Holders for Station Street.  
Final Case Closure for Popera Property, 190 Station Street, Sharon, WI  
DNR BRRTS Activity # 03-65-556558

Dear Mr. Griffin:

The Department of Natural Resources (DNR) recently approved the completion of environmental work done at the Popera Property, 190 Station Street, Sharon, WI. This letter describes how that approval applies to the Station Street right-of-way (ROW) at 190 Station Street, Sharon, WI. As the ROW holder, you are responsible for complying with these continuing obligations for any work you conduct in the ROW.

State law directs parties responsible for environmental 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 April 22, 2019, you received information from Robyn Seymour of Seymour Environmental Services, Inc. about the petroleum contamination that migrated from the Popera Property into the Station Street ROW, and about the continuing obligations. Continuing obligations are meant to limit exposure to any remaining contamination.

Applicable Continuing Obligations

The continuing obligations that apply to this right-of-way are described below, and are consistent with Wis. Stat. § 292.12, and Wis. Admin. NR 700 series.

- 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](http://dnr.wi.gov) and search ‘RR-819’.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)

Soil contamination remains at locations as indicated on the attached map Residual Soil Contamination, Figure B.2.b. dated 04/15/2019. If soil in the specific locations described above is excavated in the future, the person or parties of responsibility for the ROW 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 person or parties of responsibility for the ROW 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.

In addition, all current and future owners of the ROW 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.

#### Other Closure Information

##### 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](http://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.

Send all written notifications in accordance with these requirements to:

Department of Natural Resources  
Attn: Remediation and Redevelopment Program Environmental Associate  
3911 Fish Hatchery Road  
Fitchburg, WI 53711

#### Additional Information

Additional information about this case is available at the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) at [dnr.wi.gov](http://dnr.wi.gov) and search "BOTW". Enter BRRTS # 03-65-556558 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. The site may also be seen on the map view, RR Sites Map. RR Sites Map can be found online at [dnr.wi.gov](http://dnr.wi.gov) and search "WRRD".

Contact Jeff Ackerman, the DNR project manager, at (608) 219-2302 or by e-mail at [jeff.ackerman@wisconsin.gov](mailto:jeff.ackerman@wisconsin.gov) with any questions that you might have.

Sincerely,



Steven L. Martin P.G.  
South Central Region Team Supervisor  
Remediation & Redevelopment Program

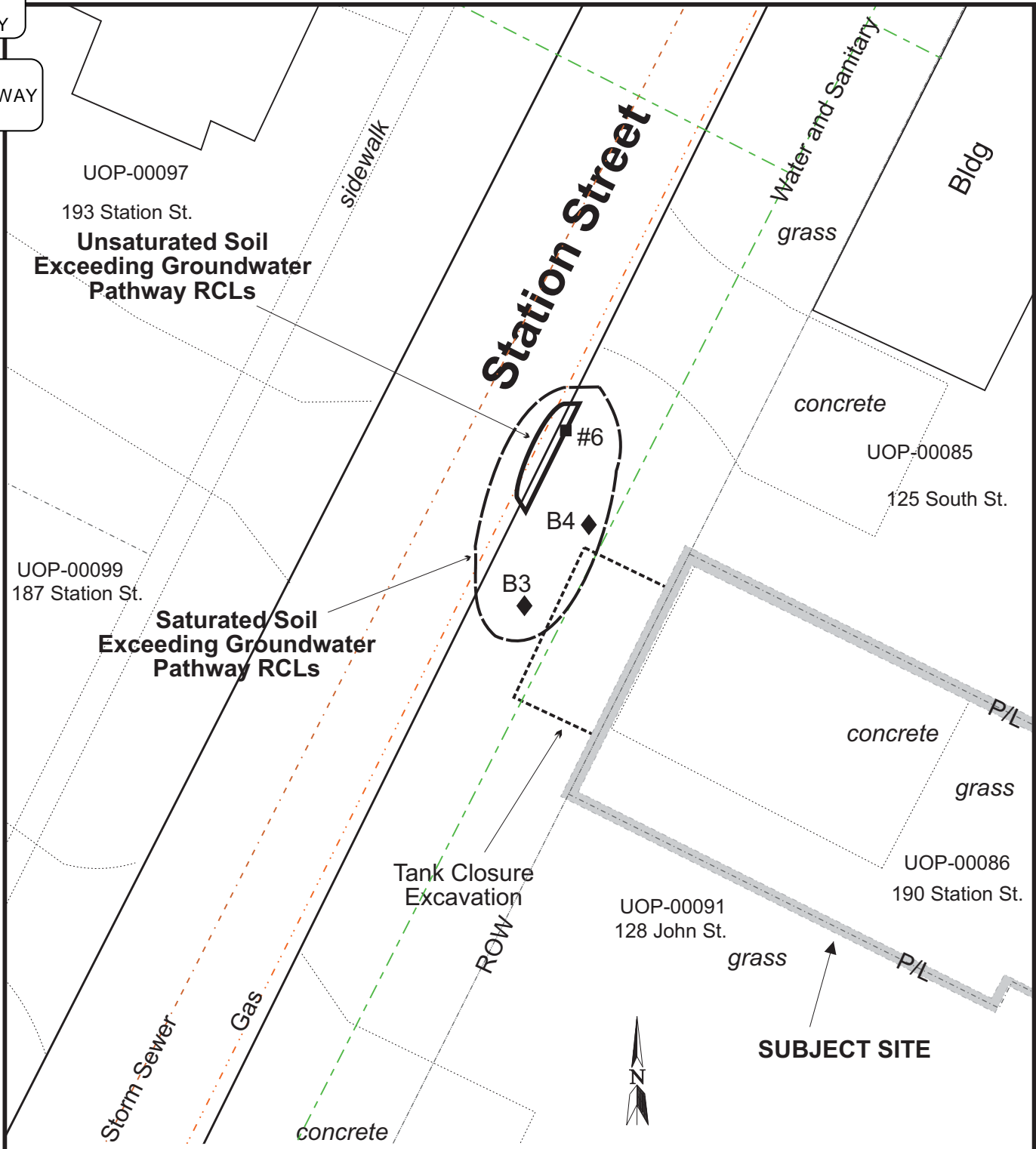
cc: Mark Fryman, Seymour Environmental Services, Inc. 2531 Dyreson Road, McFarland, Wisconsin 53558

Attachments:

- Residual Soil Contamination, Figure B.2.b. dated 04/15/2019.

AFFECTED  
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PROPERTY

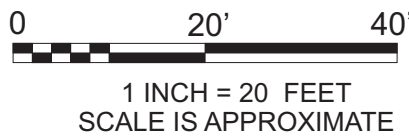
RIGHT-OF-WAY



**LEGEND**

#7  
■ - Excavation Sample (Sept. 2016)

B5  
◆ - Geoprobe (Nov. 2012)



FILE/PATH: D:\PROJECTS\POPERA\  
Popera-basemap-20ft.cdr

DATE: 04/15/2019

PREPARED: MDF APPROVED:

SOURCE:  
WALWORTH COUNTY PUBLIC MAPPING  
FIELD MEASUREMENTS

**SEYMOUR  
ENVIRONMENTAL  
SERVICES, INC.**

**RESIDUAL SOIL CONTAMINATION**  
Joyce Popera Property  
190 Station Street  
Sharon, Wisconsin

ATTACHMENT  
**B.2.b.**