



EXIT ONLY  
DO NOT ENTER

STOP

MUNSON

























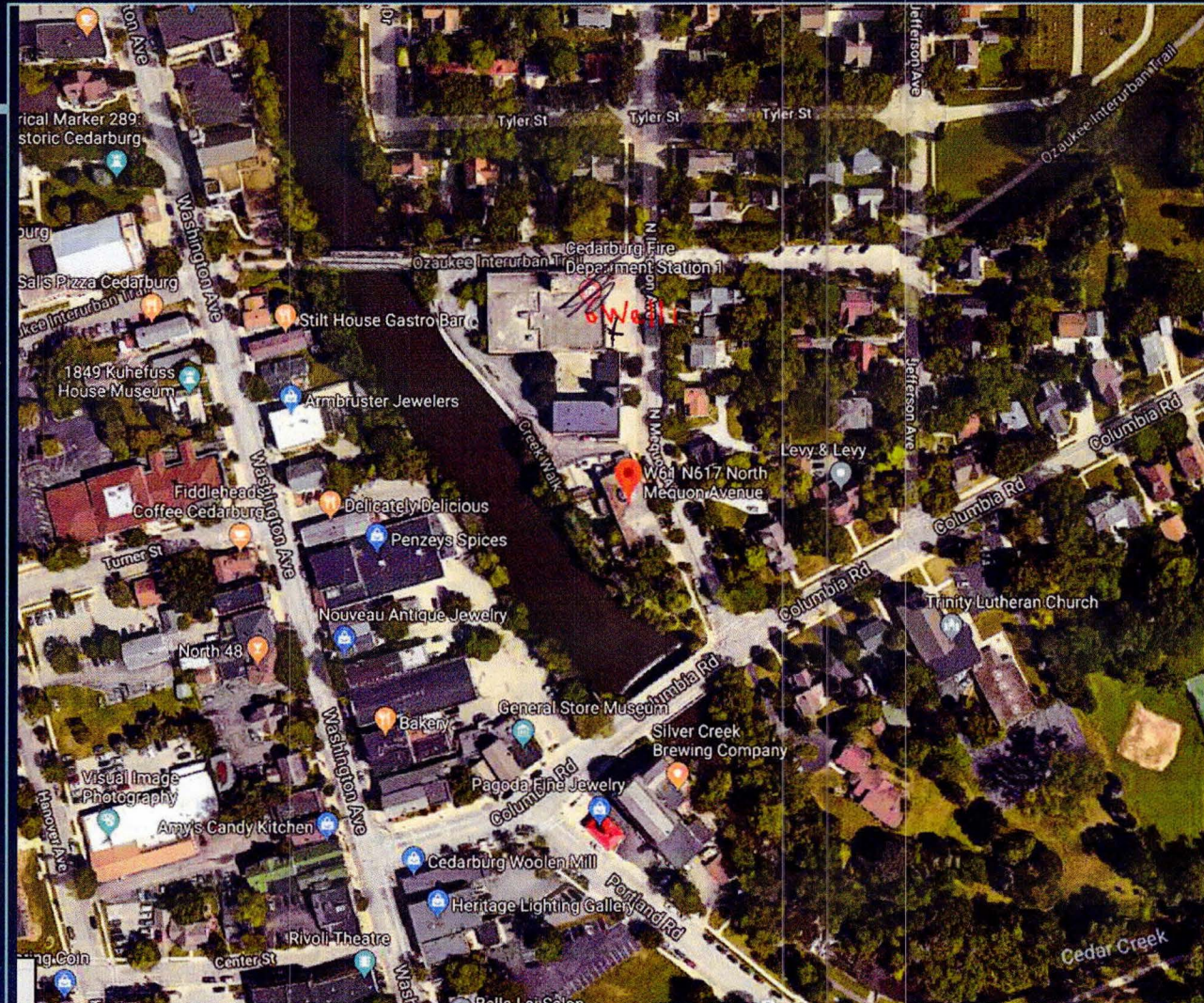


## Conceptual Site Model

Adjacent Land Uses

Proximity to Potable Wells

Well 1 is on adjacent property





# 2018.05.16 Notes

Wednesday, May 16, 2018 5:29 PM

## Cedarburg Light & Water

Notification in 1993 due to tank removals.  
No Phase I or II completed.  
No SIWP submitted.

## Site Investigation Activities &/or Sampling Results

April 1994 - SI

DRO sampled at B1 (590 ppm) & B2 (110 ppm).

GW sampled for VOCs & detected PCE & TCE above ES, Benzene > PAL.

Oct 1995 - SI

Stream bank excavations identified DRO, with minimal PVOC detections.

Source of DRO along the stream bank, specifically under the southern cooling tower?

Highest PID (251 at S11) was NOT analyzed. (Nearby S03 had DRO of 6100 ppm.)

March 1996 - Work Plan & PECFA Cost Request

July 1996 - GW sampling data

Aug 1996 - GW sampling data

Oct 1996 - GW sampling data

April 1997 - GW data & closure request.

DNR did not approve closure in June 1997.

Need further soil assessment below cooling towers & GW sampling due to CVOCs > ES.

1996 sampling results for municipal well (100-200 feet from property) show TCE > PAL.

Jan 2018 - GW data (from 12/1997, 1999 and 2012 not previously submitted) & justification for case closure.

## What is DNR requiring?

Submittal of a SIWP to address:

1. History of the site, previous discharges, and uses of the contaminants on the site

Site Investigation Scoping (Wis. Admin. § NR 716.07) and the Site Investigation Work Plan (Wis. Admin. § NR 716.09) require an evaluation of the history of the facility, previous discharges, and uses on the site that may be associated with discharges. A Site Investigation Work Plan is required, however this report was not submitted to the DNR for review and comment. The DNR understands that on-site USTs are a likely source of petroleum-related impacts. Solvents were used on-site in a parts washing area and stored in drums on the south end of the building. Waste solvents were also discharged on the ground surface to control weeds between the former cooling towers and the building.

The scoping and work plan at this site should identify and consider the source locations of the reported contaminants. This includes their use within the building, delivery and storage areas, and waste storage areas. No sampling has been conducted within the building or on the south end.

2. Evaluation of environmental media affected or potentially affected by the contamination

Per Wis. Admin. § NR 716.07(4), all environmental media affected or potentially affected by the contamination must be evaluated. Additional sampling closer to the sources must be completed to evaluate potential soil and groundwater impacts.

GW flow direction shows variability

Sample for regulated constituents, not DRO.

Use DRO data to consider add'l field work.

Current GW data is needed.

Use soil & GW data to perform vapor screening analysis, as provided in RR-800.

If needed, collect vapor samples at CVOC source areas &/or within GW plume with highest PCE/TCE



concentrations.

3. Potential or known impacts to receptors

Per Wis. Admin. § NR 716.07(7), potential or known impacts to receptors must be evaluated, including on-site and nearby wells, buildings, and utilities.

Property lines are needed to understand and evaluate possible off-site impacts.

The nearby municipal well needs further investigation regarding the TCE impacts.

Underground utilities, which may be acting as receptors, are unknown.

Schedule

Prepare a SIWP w/ Scope of Work & Cost Request for PECFA

Complete add'l field investigation

Submit comprehensive SIR



April 23, 2018

Meeting is May 17, 2-3, Room 209, HQ. Pre-meeting with Michele only at 1:30 to 2:00.

April 23, 2018

Okay. See you then Nick. Here is our proposed agenda:

1. Introductions
  2. Review the site's history & current use (City)
  3. Review the 2 open BRRTS cases (ERP & LUST) on the site (DNR)
  4. Discuss site investigation activities completed to-date (City)
    - a. Source areas
    - b. Current delineation of the contamination
    - c. Evaluation of all environmental media (including vapor) and migration pathways
    - d. Plans to submit sitewide comprehensive Site Investigation Report, per NR 716
  5. PECFA availability (DNR)
  6. Next steps (City & DNR)
    - a. Site investigation work plan
    - b. Cost requests for pre-approval of PECFA funding
-



Site Information: Cedarburg Light And Water Power Plant  
 W61n617 Mequon Ave  
 Cedarburg

PECFA #: 53012-2017-17

Reviewer: RRH



## Petroleum Cleanup Fund

Claim Number: 1      Occ. No: A

Vendor Name	Invoice Date	Invoice Number	Check Number(s)	Check Amount(s)	Si Rap Amount	Remedial Amount	O and M Amount	Other Amount	Non Elig Amount	Non Elig Reason
Migrated Data from CostSumm Spreadsheet	08/01/1987	Unknown	Unknown	\$18,293.57	\$17,512.88	\$780.69	\$0.00	\$0.00	\$0.00	
Consultant Costs	\$14,206.58									
Lab Analysis	\$2,085.15									
Non-Eligible Amt	\$0.00									
Remedial Equipment	\$717.36									
Soil Boring Well Drilling	\$1,209.06									
Thermal Landfill	\$75.43									
<b>Grand Totals:</b>				\$43,655.15	\$41,792.15	\$1,863.00	\$0.00	\$0.00	\$0.00	

<b>Claim Amount</b>	<b>Category</b>	<b>Total Deductible paid to date:</b>	<b>\$4,557.76</b>	<b>\$43,655.15</b>	<b>Total Amount Submitted</b>
\$33,902.10	Consultant Costs	<b>Total reimbursement to date:</b>	<b>\$39,097.39</b>	<b>\$0.00</b>	<b>Non-Eligible Amount</b>
\$180.00	Thermal Landfill	<b>Interest Paid Through Date:</b>		<b>\$43,655.15</b>	<b>Subtotal</b>
\$1,711.88	Remedial Equipment			<b>\$2,500.00</b>	<b>Base Deductible</b>
\$2,885.25	Soil Boring Well Drilling			<b>\$2,057.76</b>	<b>Additional Deductible</b>
\$4,975.93	Lab Analysis			<b>\$39,097.39</b>	<b>Total Payment</b>

**APPEALS:** An owner or an operator, an approved agent or an attorney representing the owner or the operator, (but not a consultant or claim preparer unless approved as an agent), may request an administrative hearing to review this action by delivering, mailing or faxing a written request for a hearing to:

**Wisconsin Department of Natural Resources - PECFA Appeals, PO Box 7921 Madison, WI 53707-7921 FAX: (608) 267-7646**

Section 101.02(6)(e)-(i), Stats, requires an appeal to list every reason the department's decision is unreasonable and identify every issue to be considered in the hearing. Issues not raised in the appeal are considered to be waived.

A request for a hearing will be denied if the appeal is RECEIVED by the department more than 30 calendar days after the DATE OF DECISION indicated on the face of the PECFA award summary, titled "Breakdown of PECFA Costs". The appeal must meet the time limit. Faxed appeals received after 4:30 p.m. will be filed on the next business day.

**Notes To Claimant:**



Site Information: Cedarburg Light And Water Power Plant

W61n617 Mequon Ave

Cedarburg

PECFA #: 53012-2017-17

Reviewer: RRH



## Petroleum Cleanup Fund

Claim Number: 1	Occ. No: A	Vendor Name	Invoice Date	Invoice Number	Check Number(s)	Check Amount(s)	Si Rap Amount	Remedial Amount	O and M Amount	Other Amount	Non Elig Amount	Non Elig Reason
		<b>Migrated Data from CostSumm Spreadsheet</b>	08/01/1987	Unknown	Unknown	\$16,023.60	\$15,339.79	\$683.81	\$0.00	\$0.00	\$0.00	
		<i>Consultant Costs</i>		\$12,443.75								
		<i>Lab Analysis</i>		\$1,826.41								
		<i>Non-Eligible Amt</i>		\$0.00								
		<i>Remedial Equipment</i>		\$628.34								
		<i>Soil Boring Well Drilling</i>		\$1,059.03								
		<i>Thermal Landfill</i>		\$66.07								
		<b>Migrated Data from CostSumm Spreadsheet</b>	08/01/1987	Unknown	Unknown	\$9,337.98	\$8,939.48	\$398.50	\$0.00	\$0.00	\$0.00	
		<i>Consultant Costs</i>		\$7,251.77								
		<i>Lab Analysis</i>		\$1,064.37								
		<i>Non-Eligible Amt</i>		\$0.00								
		<i>Remedial Equipment</i>		\$366.18								
		<i>Soil Boring Well Drilling</i>		\$617.16								
		<i>Thermal Landfill</i>		\$38.50								



## PECFA Payment History

Commerce #: 53012201717

Site Name: Cedarburg Light And Water Power Plant

Address: W61n617 Mequon Ave

City: Cedarburg

Occurrence Name: Cedarburg Light And Water Power Plant

Tank Type: USTNM

Claim Type	Audit Line Date	Submitted Amount	Reviewer Id	Date Paid	Amount Paid
Claim	07/16/1996	\$43,655.15	RRH	09/24/1997	\$39,097.39

**Totals:**

Claims: 1  
Submitted Amount: \$43,655.15  
Deductible: \$4,557.76  
Paid Amount: \$39,097.39

Total Deductible = \$17,500

RAP Cap = <\$180,000 in 1996

Max cap: \$500,000

→ Need preapproval for costs going forward.  
Use the UCCS for costs.



April 23, 2018

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April 23, 2018

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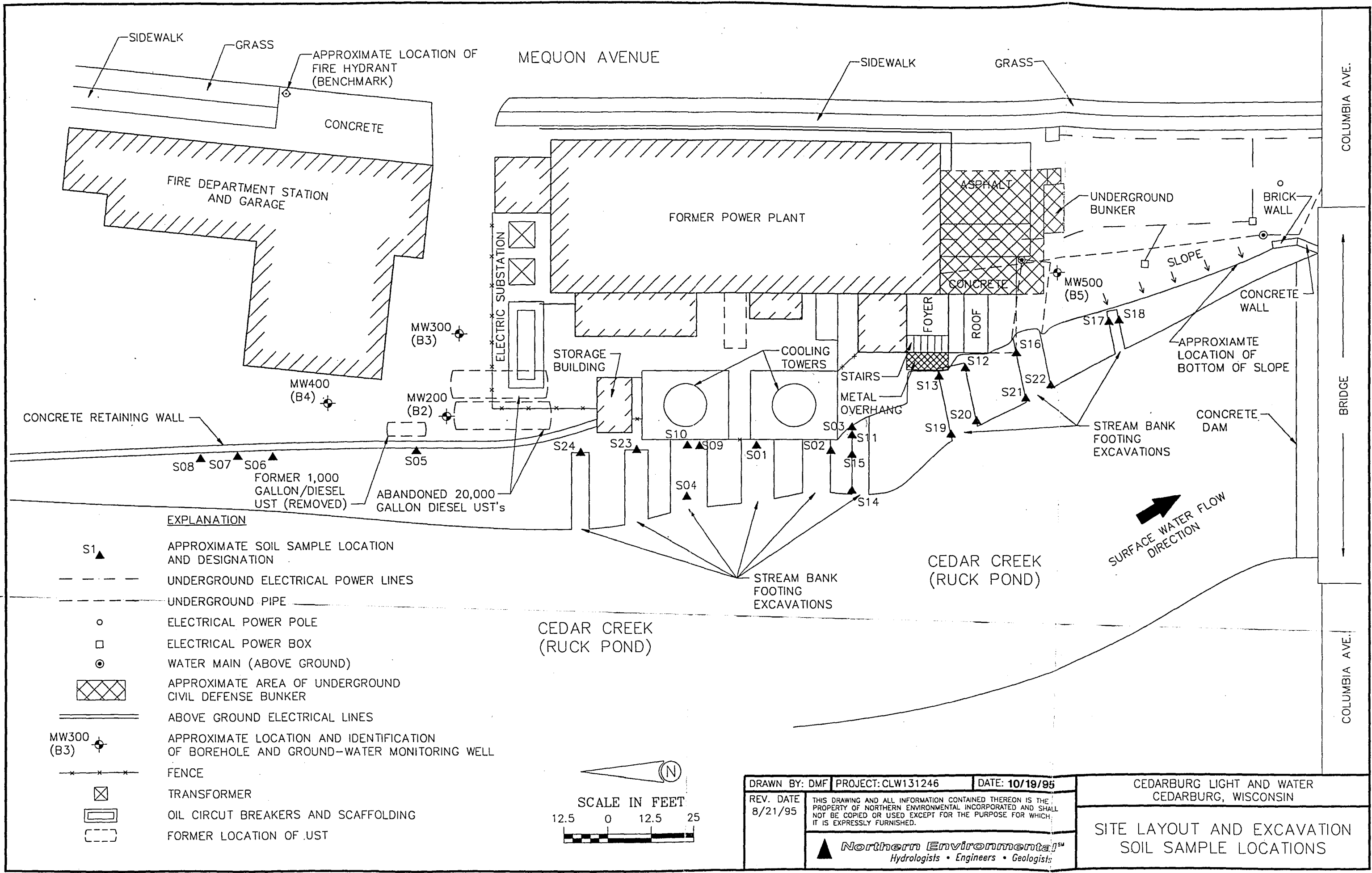
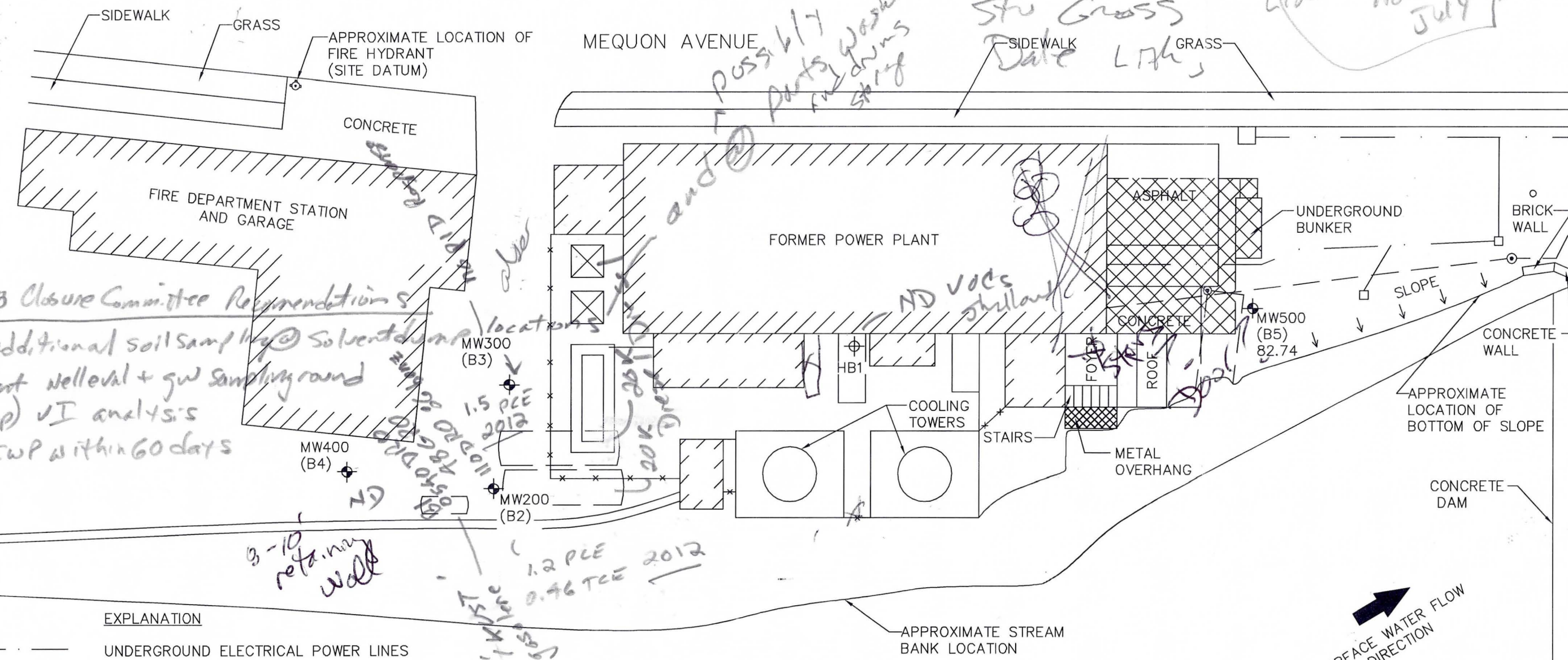


FIGURE 3



Wells

Hand Note  
Howe 3  
July



3/29/18 Closure Committee Recommendations  
 1. Need additional soil sampling @ solvent dump locations  
 2. Need current well level + gw sampling round  
 3. (Table top) VI analysis  
 4. show SIWP within 60 days

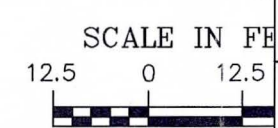
possibly parts washer  
fire drums

nick name  
Stu Gross  
Date LTR

EXPLANATION

- — — UNDERGROUND ELECTRICAL POWER LINES
- - - UNDERGROUND PIPE
- o ELECTRICAL POWER POLE
- ELECTRICAL POWER BOX
- ⊙ WATER MAIN (ABOVE GROUND)
- ▨ APPROXIMATE AREA OF UNDERGROUND CIVIL DEFENSE BUNKER
- ==== ABOVE GROUND ELECTRICAL LINES
- MW300 (B3) ⊕ APPROXIMATE LOCATION AND IDENTIFICATION OF BOREHOLE AND GROUND-WATER MONITORING WELL
- x - x - x FENCE
- ⊠ TRANSFORMER
- ▭ OIL CIRCUIT BREAKERS AND SCAFFOLDING
- ▭ FORMER LOCATION OF UST
- HB1 ⊕ HAND AUGER LOCATION AND IDENTIFICATION

CEDAR CREEK (RUCK POND)



**Stantec**  
 12075 CORPORATE PARKWAY, SUITE 200  
 MEQUON, WISCONSIN 53092  
 P: 800-776-7140 F: 262-241-4901

SITE LAYOUT

FORMER CEDARBURG POWER PLANT  
 CEDARBURG, WISCONSIN

This drawing and all information contained therein is the property of Stantec. Stantec will not be held liable for improper or incorrect usage. Professional seals and signatures do not apply to electronic drawing files. The user assumes all responsibility and risk for the accuracy and verification of all information contained in electronic files.

DATE: 2013-1-23 DRAWN BY: AJS REVISED:







#3301

Site Name: Cedarburg Light + Water District: \_\_\_\_\_ County: Ozaukee  
 Address: W61 N617 Mequon Avenue  
Cedarburg, WI 53012  
 PMN: \_\_\_\_\_ FID: 246100800  
 Proj Mgr: J. Feeney Legal Municipality: \_\_\_\_\_  
 Support Person: \_\_\_\_\_ Legal Desc: \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 Sec \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_ E/W

Date of Initial Contact: 6/9/93 Date of Letter: 11/03/93 Date Site Closure Approved: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

Status <input type="checkbox"/> 1 = State Lead <input type="checkbox"/> 2 = RP Lead	Funding Source <input type="checkbox"/> 1 = RP <input type="checkbox"/> 2 = LTF <input type="checkbox"/> 3 = EF <input type="checkbox"/> 4 = SF <input type="checkbox"/> 5 = None <input type="checkbox"/> 6 = Other (Describe in Comments) <input type="checkbox"/> 7 = EPA (Emergency Resp)	PECFA Review Requested (v) <input type="checkbox"/> Yes <input type="checkbox"/> No  Date PECFA Request Received (mm/dd/yy) _____/_____/_____  LUST Trust Eligible <input type="checkbox"/> 1 = Federal <input type="checkbox"/> 2 = Non-Federal
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Score: 14 GK-5-28-96

(v) As Appropriate	CASE STATUS		Comments
	Date Initiated (mm/dd/yy)	Date Completed (mm/dd/yy)	
<input type="checkbox"/> No Action Taken (N)	_____/_____/_____	_____/_____/_____	_____
<input type="checkbox"/> Emergency (E)	_____/_____/_____	_____/_____/_____	_____
<input type="checkbox"/> Emergency Response (R)	_____/_____/_____	_____/_____/_____	_____
<input type="checkbox"/> Field Investigation (I)	_____/_____/_____	_____/_____/_____	_____
<input type="checkbox"/> Remedial Action (C)	_____/_____/_____	_____/_____/_____	_____
<input type="checkbox"/> Long Term Monitoring (L)	_____/_____/_____	_____/_____/_____	_____

(v) All Appropriate	Known Impacts (v)	Potential Impacts (v)	Substances (v)
<input type="checkbox"/> Fire/Explosion Threat (1)	_____	_____	<input type="checkbox"/> Leaded Gas (1)
<input type="checkbox"/> Contaminated Private Well (2)	_____	_____	<input checked="" type="checkbox"/> Unleaded Gas (2)
<input type="checkbox"/> Contaminated Public Well (3)	_____	_____	<input checked="" type="checkbox"/> Diesel (1,000 gals)
<input type="checkbox"/> Groundwater Contamination (4)	_____	_____	<input type="checkbox"/> Fuel Oil (1)
<input checked="" type="checkbox"/> Soil Contamination (5)	<input checked="" type="checkbox"/>	_____	<input type="checkbox"/> Unknown Hydrocarbons (5)
<input type="checkbox"/> Other: (6)	_____	_____	<input type="checkbox"/> Other (8)
			Quantity Discharged _____
			<input type="checkbox"/> VOCS (6)
			<input type="checkbox"/> Pesticide (7)

Responsible party: <u>Glen Frank</u>	Consultant: <u>Northern Environmental</u>
Name: <u>(Same as above)</u>	Contact: <u>John Lund</u>
Address: _____	Address: <u>1214 West Venture Court</u>
	<u>Mequon, WI 53092</u>
Telephone: _____	Telephone: _____ / <u>241-3133</u>
(list additional on separate list and attach.)	Amount Committed: \$ _____
	Amount Spent: \$ _____
	(list additional on separate list and attach.)

**ENFORCEMENT ACTION TAKEN**

- |  |                           |                             |                           |
|--|---------------------------|-----------------------------|---------------------------|
| 01 = Inf. Contact, Resp Initiated        | 08 = Adequate Response    | 15 = Formal Enf Conf        | 22 = Draft Referral       |
| 02 = RP Letter, Resp Initiated           | 09 = Progress Being Made  | 16 = Enf Conf. Letter       | 23 = Referral to DOJ      |
| 03 = NTC of Non Compliance               | 10 = Defer Enforcement    | 17 = Admin. Order Proposed  | 24 = Referral to DA       |
| 04 = Inf. Enf. Conf. Resp Initiated      | 11 = Close Out            | 18 = Admin. Order Final     | 25 = Referral to EPA      |
| 05 = Follow-up Enf. Conf. Resp Initiated | 12 = Recommend NFA        | 19 = Admin. Order Modified  | 26 = Continuing Violation |
| 06 = Inspection Letter                   | 13 = FWD to Secondary Enf | 20 = Admin. Order Cancelled | 27 = See Next Violation   |
| 07 = Response Received                   | 14 = Notice of Violation  | 21 = Contest Case Hearing   | 28 = Site Inspection      |
|  | 99 = Other Action: _____  |                             |                           |

ACTION (code from above)	DATE (mm/dd/yy)	COMMENT
<u>01</u>	<u>6/9/93</u>	<u>Initial Contact Date</u>
_____	_____/_____/_____	_____
(list additional on separate list and attach.)		



# LUST CASE PRIORITY SCREENING WORKSHEET

**HIGH FACTORS: (DEFINITION: Any case which presents an actual threat to human health, or has a high potential of causing a threat to human health and property; and/or any case which has caused or has a high potential of causing substantial impacts to the soil, waters and air of the State of Wisconsin.)**

- Contaminated private or public well >NR140 enf. std.
- Explosive or toxic vapors in structures
- Threat of fire

**HIGH OR MEDIUM FACTORS: (write in choice of high or medium)**

- Floating product (medium if no receptors within 1 mile)
- Known gw contamination (private or public well <140 enf. std.)
- Impacted surface water - wetland, trout stream, etc. impacted
- Saturated soil contamination

**MEDIUM FACTORS: (DEFINITION: Any case which does not appear to be an immediate threat to human health or vital natural resources but which shows levels of contamination that may cause substantial environmental impacts if left unaddressed.)**

- Moderate (e.g. 100 - 500 ppm TPH) soil contamination with moderate potential for impacting groundwater.
- Impacted surface water - no critical habitat threats.

**LOW FACTORS: (DEFINITION: Any case where contamination has been documented, but which presents limited potential for any immediate threat to human health and vital natural resources.)**

- Soil contamination (e.g. less than 100 ppm TPH) which appears to have a limited potential for impacting groundwater.
- Initial remedial action has substantially reduced environmental threat.

**UNKNOWN FACTOR: (DEFINITION: Any case where some indication of contamination is present, but due to incomplete or inaccurate information the level of threat to human health or the environment can not be assessed at this time.)**

- Inadequate information to assign a high, medium, or low ranking.

**OVERALL RANKING:** The screening rank for the site along with the date of ranking. This may be updated when additional information is received. Special circumstances for a particular case may be taken into account in the comment section. The District LUST coordinator may independently set the ranking of a site based upon "special circumstances."

Circle one & date, indicate in priority screening box opposite side \_\_\_\_\_ HIGH \_\_\_\_\_ MEDIUM \_\_\_\_\_ LOW \_\_\_\_\_ UN

Overall Site Comment:

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## NUMERICAL LUST SCORING WORKSHEET (Complete for LUST cases ranked HIGH)

**1. GROUNDWATER & SOILS: (circle one)**

POINTS

- 20 Municipal Well
- 18 >5 private wells
- 16 4 - 6 private wells
- 14 2 - 3 private wells
- 12 1 private well

SCORE \_\_\_\_\_

POINTS

- 5 Soil & gw within 1200' of a public well
- 6 Soil & gw within 1200' of one or more private wells
- 4 GW contamination, no wells within 1200'
- 2 Soil contamination

\*For purposes of this scoring, private well includes any non-municipal water supply system.

**2. EXPLOSIVE OR TOXIC VAPORS: (circle one)**

POINTS      CONFIRMED POTENTIAL

- 20 Explosive levels in a residence or building.
- 8 Explosive levels in a sewer or structure
- 12 Toxic levels in a residence or building

SCORE \_\_\_\_\_

NOTE: Explosive levels determined to be >20% LEL as per an explosivity meter; toxicity levels are based on OSHA permissible exposure limits (PEL)

**3. HYDROGEOLOGIC SETTING: (circle one)**

POINTS

- 12 Permeable stratigraphy (gravel, sand, fractured bedrock or utilities capable of intercepting and directing flow) and groundwater within 25 feet of the ground surface.
- 10 Permeable stratigraphy and groundwater greater than 25 feet below ground surface.
- 8 Moderately permeable stratigraphy (silty sands, silty gravel, clayey sands) and groundwater within 25 feet of ground surface.
- 6 Moderately permeable stratigraphy and groundwater greater than 25 feet below ground surface.
- 4 Impermeable stratigraphy (silt, clayey silt, sand clays) and groundwater within 25 feet of ground surface.
- 2 Impermeable stratigraphy and groundwater greater than 25 feet below ground surface.

SCORE \_\_\_\_\_

**4. TYPE OF PRODUCT: (circle one)**

POINTS

- 8 Gasoline, mixture of gasoline and other products, other light petroleum products.
- 6 Diesel, fuel oil.
- 2 Bunker oil, other heavy oils or crude fractions







Dale Lythjohan Mgr 315-7350 Case Review Worksheet

Gary Graham  
 Gary Hamilton  
 Consultant Northern Environmental  
 John Lond (241-3133)  
 1214 W. Venture Court  
 Mequon WI 53092

RP Glen Frank  
 Cedarburg Light + Water  
 W61 N617 Mequon Ave  
 Cedarburg, WI 53013

Site  
 Same

FID# 246100800 6/9/93 date tracked  
 UID# 3301 11/3/93 date RP letter  
 PECFA# 1/1 review request

Recom: propose no further action be required.

Tanks (#; size; content)  
 closed in place → 2 x 20K gal x fuel oil (clean) 4/16/86 date removed (B1) 4/29/93 site investig. (B2 → 4) 11/14/93  
 removed → 1 x 1000 gal gas/diesel  
 Tanks disposed at: \_\_\_\_\_  
 Soil type: Silty clay (Oak Creek fm)  
 Depth to gw, gradient: \_\_\_\_\_

Site Activities, Reports

"Site Investigation Results" (4/5/94) rec'd 5/27/94 by Northern.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Soil Contamination

Remedial Method X  
 Vol. Treated 0  
 Amt. remaining location levels B1, B2  
See →

Notes B1 + B2 impacted  
Sample 5106 → 590 DRD, 480 DRD  
B205 → 110 DRD


GW Contamination

Remedial Method X  
 Estim. Amount limited  
 location levels MW 200, MW 300  
see →

Notes MW 200 → CRD 100 ppb, DRD 720 ppb  
Trichloroethene @ 7.6 ppb  
Tetrachloroethene @ 5.4 ppb (approx.)  
MW 300 → benzene @ 1.2 ppb  
tetrachloroethene @ 3.9 ppb (approx.)  
MW 200 → same PAHs (table 4)

According to consultants recommendations:

- \* Impacted soil + gw @ site appear to be limited in magnitude + extent
- \* Site conditions would restrict active remediation (excavation for vapor extract)
- \* Mechanical dispersion + dilution, ~~and~~ along w/ natural biodeg. should act to reduce the effects of the release over time.
- \* Based on lack of receptors, limited potential threat to human health + environment, ~~and~~ logistical/technical difficulties w/ active remediation program, they request no further action be required.

 John met w/ them @ site + requested more samples.



# LETTER OF TRANSMITTAL

**Northern Environmental**<sup>SM</sup>  
Hydrologists • Engineers • Geologists

1214 West Venture Court 1-414-241-3133  
Mequon Wisconsin 53092 Toll Free 1-800-776-7140  
Fax 1-414-241-8222

DATE	4-23-91	PROJECT NO.	CLW131246
ATTENTION	John Feeney		
RE	SITE INVESTIGATION RESULTS		

TO: WDNR  
4041 N. Richards Street  
P.O. Box 12436  
Milwaukee, WI 53212-0436

## WE ARE SENDING YOU

- Attached       Under separate cover  
 Shop Drawings       Specifications       Plans  
 Copy of letter       Samples       Change order  
 \_\_\_\_\_

COPIES	DESCRIPTION
1	SITE INVESTIGATION RESULTS
1	COPY OF APRIL 19, 1996 letter from you

**RECEIVED**  
APR 24 1996  
D.N.R. SED Hqtrs.  
Milwaukee, WI

## THESE ARE TRANSMITTED (see code)

- A. For Approval      F. No Exceptions Taken      J. Resubmit \_\_\_\_\_ Copies for Review  
B. For Your Use      G. Make Noted Corrections      K. Submit \_\_\_\_\_ Copies for Distribution  
C. As Requested      H. Amend & Resubmit      L. Return \_\_\_\_\_ Corrected Prints  
D. For Review and Comment      I. \_\_\_\_\_      M. Review and Sign \_\_\_\_\_  
E. For Bids Due \_\_\_\_\_ 19 \_\_\_\_\_

REMARKS: Included is the site investigation report and copy  
of your letter requesting it. If you need anymore information  
please feel free to contact Chris Hatfield or Gary Graham.

Thanks

COPY TO: \_\_\_\_\_

SIGNED: Chris Hatfield



10/17/94

Phone Conversation w/

Gary Graham from Northern Environ.

re: Cedarburg Light + Water

Passive Biodegradation may be assessed for use  
w/ contam. G.W.

- ① Must define extent + prove migration is minimal.
  - ② Must assess physiochemical conditions of site. ( $O_2$  + [contam.])
  - ③ Conduct another round of M.W. sampling.
  - ④ Contact Mike Barden (DNR - Madison)  
re: Passive Bio.
-



246 100800 EARLUST

**DNR SITE INVESTIGATION AND  
REMEDIAL ACTION PLAN REVIEW**

Section 101.143 (3) (c) 4, Wis. Stats., requires that a claimant obtain written approval from the Department of Natural Resources (DNR) when requesting reimbursement for activities in response to a discharge from a commercial petroleum product storage system or home oil tank. The DNR approval must indicate that the site investigation and remedial action plan is adequate to meet requirements of s. 144.76, Wis. Stats. The DNR approval is created for the purpose of meeting the requirements of s. 101.143 (3), Wis. Stats., only and does not bar the DNR from requiring that additional investigation and/or remediation activities be performed by persons responsible under s. 144.76, Wis. Stats.

**DNR Use Only**

Any DNR / DOJ Enforcement Action(s) or DNR LUST Trust Expenditures on this site?  Yes  No  
If answer is yes, please provide pertinent details on attached sheet.

Claimant's Name <u>Cedarburg Light and Water Commission</u>	Remedial Action Site Name (if business) <u>Former Power Plant</u>
Street Address <u>N30 W5926 Lincoln Blvd. P.O.</u> <u><del>W61 N617 Mequon Avenue</del> Box 767</u>	Remedial Action Site Address <u>W61 N617 Mequon Avenue</u>
City, State, Zip Code <u>Cedarburg WI 53012</u>	City, State, Zip Code <u>Cedarburg WI 53012</u>
Claimant's Telephone Number <u>(414) 375-7650</u>	Telephone Number of Site ( ) <u>NA</u>

Claimant is  Owner  Operator  Other - please specify:

Approval requested for:  Petroleum Product Storage System  Home Oil Tank System  Aboveground

**FOR DNR USE ONLY (Indicate Whether Completed Remedial Action or Other Action(s))**

A copy of this completed document must be submitted to DNR for approval of initial activities (emergency action, site investigation and remediation) in accordance with s. 101.143 (3) (c) 4, Wis. Stats.

Completed Remedial Action (complete cleanup and single claim for reimbursement) (Steps 1 through 3)

**Progress Payments For:**

- Emergency Action (Step 1 - check only if emergency action was performed)
- Completion of Site Investigation (Step 1) and Proposed Remedial Action Plan (Step 2)
- Remedial Action (Step 3)
- Operation/Maintenance and Environmental Monitoring (annual claim for remedial action activities) (Step 4)
- Site Investigation By Order of DNR And/Or DILHR - No Remedial Action

Check Appropriate  
Box(es)

The DNR received a request for approval of the above identified activities for the site listed on this document on the following date \_\_\_\_\_.

The DNR response for purposes of s. 101.143 (3), Wis. Stats., is attached.

Remedial action activities conducted by owners/operators are not eligible for funding under 42 USC 6991 (L.U.S.T. Funding). (See s. 101.143 (3) (a) 2., Wis. Stats.)

Send one copy of this completed form to the address shown in the upper right corner and one copy to the claimant.

Reviewer's Signature \_\_\_\_\_ Date Signed \_\_\_\_\_

Reviewer's Title \_\_\_\_\_



276111

**FORM 4**  
**DNR SITE INVESTIGATION AND**  
**REMEDIAL ACTION PLAN REVIEW**

The information you provide may be used by other government agency programs [Privacy Act, s. 15.04(1)(m)].

SEE INSTRUCTIONS ON THE BACK OF THIS PAGE.

A. **DILHR PECFA Claim Number:** 5 3 0 1 2 2 0 1 7 1 7

Section 101.143 (3) (c) 4, Wis. Stats., requires that a claimant obtain written approval from the Department of Natural Resources (DNR) when requesting reimbursement for activities in response to a discharge from a commercial petroleum product storage system or home oil tank. The DNR approval must indicate that the site investigation and remedial action plan is adequate to meet requirements of s. 144.76, Wis. Stats. The DNR approval is created for the purpose of meeting the requirements of s. 101.143 (3), Wis. Stats., only and does not bar the DNR from requiring that additional investigation and/or remediation activities be performed by persons responsible under s. 144.76, Wis. Stats.

**DNR Use Only**

Any DNR / DOJ Enforcement Action(s) or DNR LUST Trust Expenditures on this site?  Yes  No  
If answer is yes, please provide pertinent details on an attached sheet.

B. Claimant's Name <u>Cedarburg Light and Water Commission</u>	F. Remedial Action Site Name (if business) <u>Former Power Plant</u>
C. Street Address <u>130 W5926 Lincoln Blvd. P.O. Box 767</u>	G. Remedial Action Site Address <u>W61 N617 Mcgum Avenue</u>
D. City, State, Zip Code <u>Cedarburg WI 53012</u>	H. City, State, Zip Code <u>Cedarburg, WI 53012</u>
E. Claimant's Telephone Number <u>(414) 375-7650</u>	I. Telephone Number of Site <u>( ) NA</u>

J. Claimant is  
 Owner  Operator  Other - please specify:

K. Approval Requested For:  Underground Petroleum Product Storage System  Home Oil Tank System  Aboveground

L. Total Dollar Expenses Being Claimed (Same as on DILHR's Form 1): \$ 40,000.00

**FOR DNR USE ONLY (Indicate Whether Completed Remedial Action or Other Action(s))**

A copy of this completed document must be submitted to DNR for approval of initial activities (emergency action, site investigation and remediation) in accordance with s. 101.143 (3) (c) 4, Wis. Stats.

Completed Remedial Action (phase 1 and phase 2)

**Progress Payments For: check appropriate box(es)**

DILHR Approved Emergency Action (check only if emergency action is completed)

Completion of Site Investigation and proposed Remedial Action Plan (phase 1)

Remedial Action (phase 2)

Operation/Maintenance and Environmental Monitoring (annual claim for remedial action activities) (phase 3)

Check if claim submitted is for a \$100,000 incurred cost progress payment where a milestone is not completed

Site Investigation By Order of DNR And/Or DILHR - No Remedial Action

The DNR received a request for approval of the above identified activities for the site listed on this document on the following date 3/22/96.

The DNR response for purposes of s. 101.143 (3), Wis. Stats., is attached.

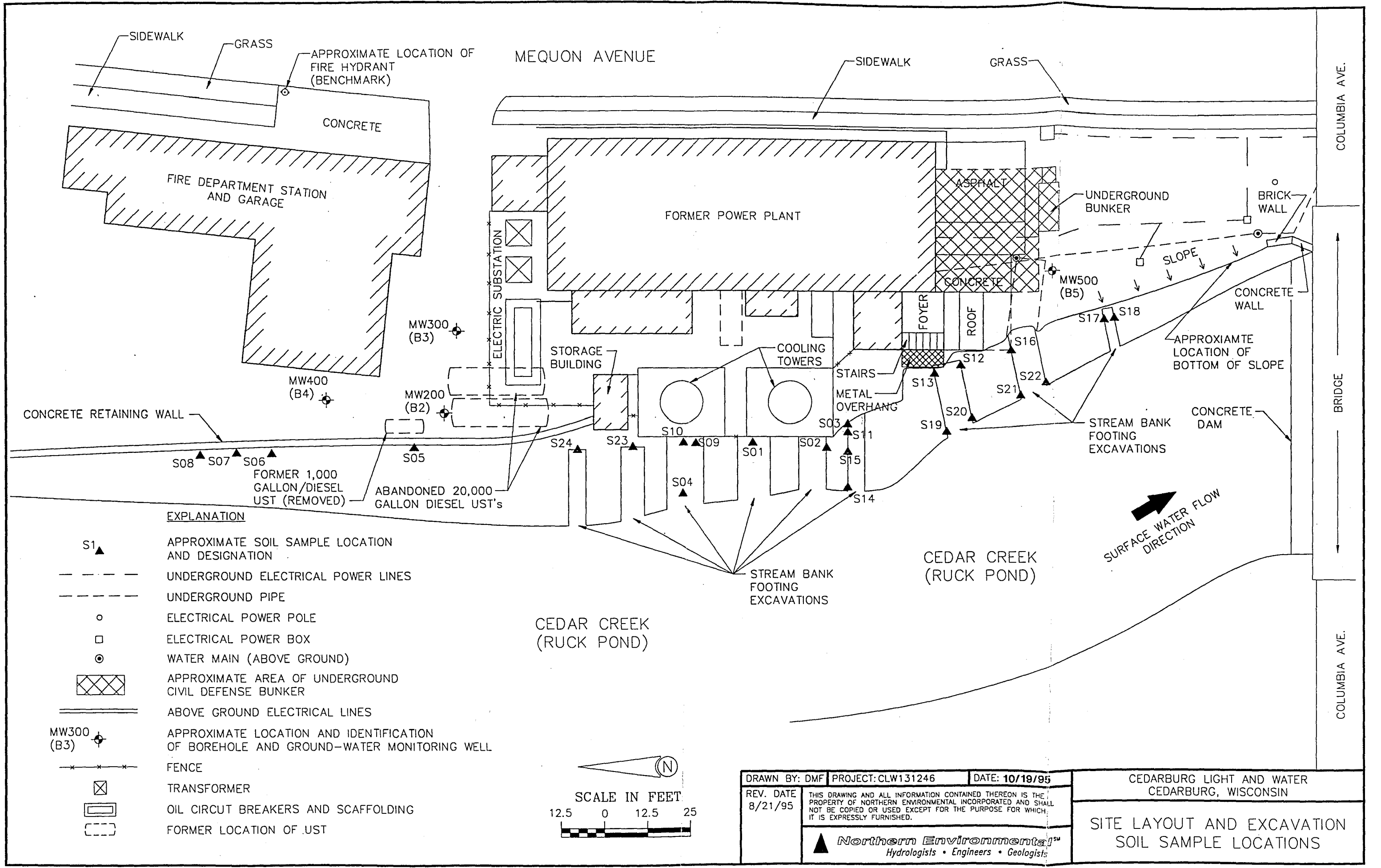
Remedial action activities conducted by owners/operators are not eligible for funding under 42 USC 6991 (L.U.S.T. Funding). (See s. 101.143 (3) (a) 2., Wis. Stats.)

Send one copy of this completed form to the address shown in the upper right corner and one copy to the claimant.

DNR Reviewer's Signature Eric Amadi Date Signed 5-7-96

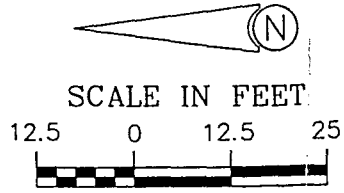
DNR Reviewer's Title Hydrogeologist





**EXPLANATION**

- S1▲ APPROXIMATE SOIL SAMPLE LOCATION AND DESIGNATION
- UNDERGROUND ELECTRICAL POWER LINES
- UNDERGROUND PIPE
- ELECTRICAL POWER POLE
- ELECTRICAL POWER BOX
- ⊙ WATER MAIN (ABOVE GROUND)
- ▣ APPROXIMATE AREA OF UNDERGROUND CIVIL DEFENSE BUNKER
- ==== ABOVE GROUND ELECTRICAL LINES
- MW300 (B3) ⊕ APPROXIMATE LOCATION AND IDENTIFICATION OF BOREHOLE AND GROUND-WATER MONITORING WELL
- FENCE
- ⊠ TRANSFORMER
- ▭ OIL CIRCUIT BREAKERS AND SCAFFOLDING
- FORMER LOCATION OF UST

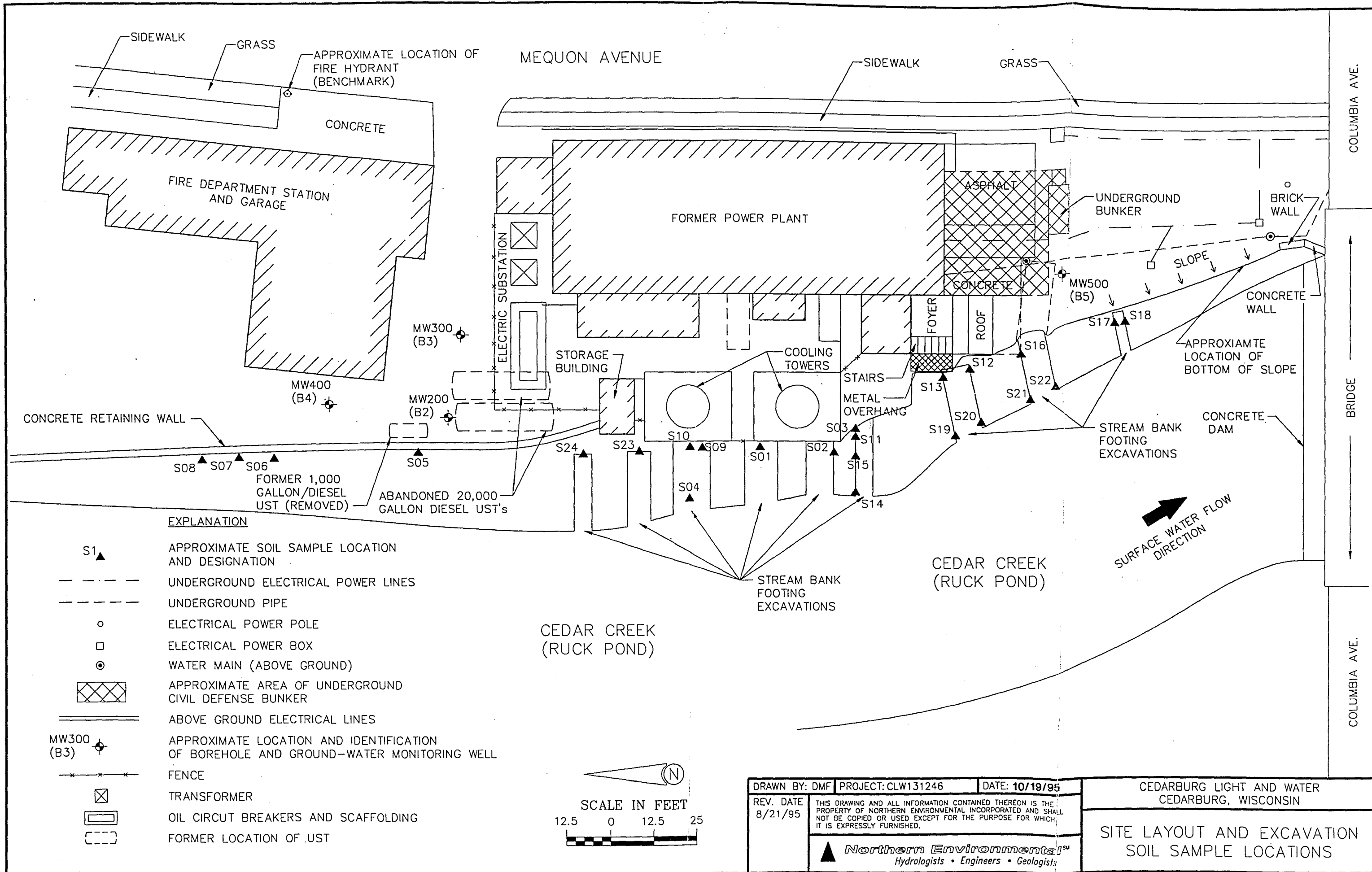


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 <b>Northern Environmental</b> <sup>SM</sup> Hydrologists • Engineers • Geologists		

CEDARBURG LIGHT AND WATER CEDARBURG, WISCONSIN
<b>SITE LAYOUT AND EXCAVATION          SOIL SAMPLE LOCATIONS</b>

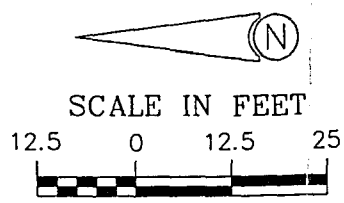
FIGURE 3





**EXPLANATION**

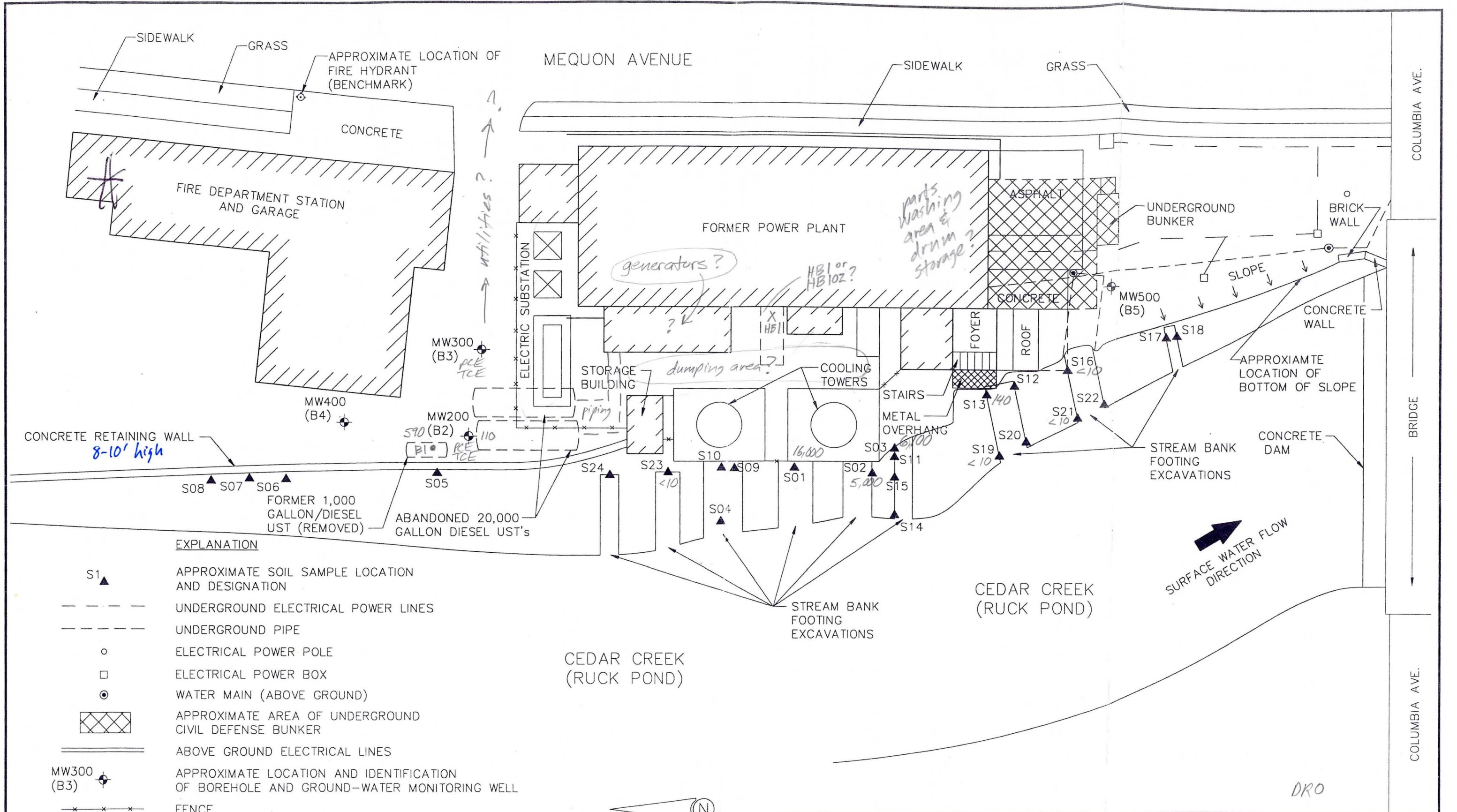
- S1▲ APPROXIMATE SOIL SAMPLE LOCATION AND DESIGNATION
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- ELECTRICAL POWER BOX
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- FENCE
- ⊠ TRANSFORMER
- ▭ OIL CIRCUIT BREAKERS AND SCAFFOLDING
- FORMER LOCATION OF UST



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 <b>Northern Environmental</b> <sup>SM</sup> Hydrologists • Engineers • Geologists			<b>SITE LAYOUT AND EXCAVATION SOIL SAMPLE LOCATIONS</b>

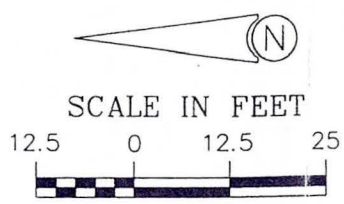
FIGURE 3





**EXPLANATION**

- S1▲ APPROXIMATE SOIL SAMPLE LOCATION AND DESIGNATION
- UNDERGROUND ELECTRICAL POWER LINES
- UNDERGROUND PIPE
- ELECTRICAL POWER POLE
- ELECTRICAL POWER BOX
- ⊙ WATER MAIN (ABOVE GROUND)
- ▨ APPROXIMATE AREA OF UNDERGROUND CIVIL DEFENSE BUNKER
- ==== ABOVE GROUND ELECTRICAL LINES
- MW300 (B3)▲ APPROXIMATE LOCATION AND IDENTIFICATION OF BOREHOLE AND GROUND-WATER MONITORING WELL
- FENCE
- ⊠ TRANSFORMER
- ▭ OIL CIRCUIT BREAKERS AND SCAFFOLDING
- FORMER LOCATION OF UST



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CEDARBURG LIGHT AND WATER CEDARBURG, WISCONSIN
<b>SITE LAYOUT AND EXCAVATION          SOIL SAMPLE LOCATIONS</b>

FIGURE 3