GIS REGISTRY INFORMATION

SITE NAME: Bob's Midland

BRRTS #: 03-19-000687

CLOSURE DATE:

STREET ADDRESS: 388 Elmer St.

CITY: Aurora,

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 667343 Y= 591972

OFF-SOURCE CONTAMINATION (>ES): ☐ Yes ☒ No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): X= Y=

IF YES, STREET ADDRESS 2:

GPS COORDINATES (meters in WTM91 projection): X= Y=

IF YES, STREET ADDRESS 3:

GPS COORDINATES (meters in WTM91 projection): X= Y=

IF YES, STREET ADDRESS 4:

GPS COORDINATES (meters in WTM91 projection): X= Y=

IF YES, STREET ADDRESS 5:

GPS COORDINATES (meters in WTM91 projection): X= Y=

CONTAMINATION IN RIGHT OF WAY: ☒ Yes ☐ No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued	☐
Copy of most recent deed, including legal description, for all affected properties	☒
Certified survey map or relevant portion of the recorded plat map (*If referenced in the legal description*) for all affected properties	X
County Parcel ID number, *if used for county*, for all affected properties	X 0021102
Location Map which outlines all properties within contaminated site boundaries in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy)	X
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy)	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Isoconcentration map(s), *If available from site investigation (SI)* (8.5x14" if paper copy*)*. The isoconcentration map should have flow direction and extent of contamination defined. **If not available, include the following 2 types of maps:**	X
Latest groundwater flow/monitoring well location map	X
Latest extent of contaminant plume map	X
Geologic cross-sections, *if available from SI.* (8.5x14' if paper copy)	X

RP certified statement that legal descriptions are complete and accurate	☒
Copies of off-source notification letters (if applicable)	☐ N/A
Letter informing ROW owner of residual contamination (if applicable)	☒
Copy of (soil or land use) deed restriction(s) or deed notice *If any required as a condition of closure.*	☐ N/A

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
William H. Smith, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-0818
Telephone 715-365-8900
FAX 715-365-8932
TDD 715-365-8957

March 12, 2003

Mr. Robert Neuens
Rt 1, Box 121
Niagara, WI 54151

SUBJECT: Final Case Closure By Closure Committee
Bob's Midland, 388 Elmer St (Hwy N), Aurora, WI
WDNR BRRTS #: 03-19-000687
PECFA # 54151-9617-97

Dear Mr. Neuens:

On February 6, 2003, your site as described above was reviewed for closure by the Northern Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On February 14, 2003, you were notified that the Closure Committee had granted conditional closure to this case.

On March 7, 2003, the Department received correspondence indicating that you have complied with the conditions of closure, specifically, abandonment of the monitoring wells on site and submittal of materials required for the GIS Registry. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715-365-8990.

Sincerely,
NORTHERN REGION

Janet Kazda

Janet Kazda
Remediation and Redevelopment Program

cc: File
Chuck Weister, Rhinelander

Brenda Halminiak
Sand Creek Consultants
PO Box 1512
Rhinelander, WI 54501

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

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Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-0818
Telephone 715-365-8900
FAX 715-365-8932
TDD 715-365-8957

February 14, 2003

Mr. Bob Neuens
Rt 1, Box 121
Niagara, WI 54151

Subject: Conditional Case Closure
Bob's Midland, 388 Elmer St (Hwy N), Aurora, Wisconsin
WDNR BRRTS # 03-19-000687
PECFA #54151-9617-97

Dear Mr. Neuens:

On February 6, 2003, your request for closure of the case described above was reviewed by the Northern Region Closure Committee. The Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the gasoline contamination on the site appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment has already been submitted to the Department, and the forms are a part of the file.

Several required items were missing from the closure submittal related to the GIS Registry of Closed Remediation Sites. Please note the items in red on the attached checklist. When these items are submitted to the Department, your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm.

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, 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.

We appreciate your efforts to restore the environment at this site. If you have any questions

regarding this letter, please contact me at 715-365-8990.

Sincerely,
NORTHERN REGION

Janet Kazda

Janet Kazda
Remediation and Redevelopment Program

c: File
Chuck Weister, Rhinelander

Brenda Halminiak
Sand Creek Consultants, Inc
PO Box 1512
Rhinelander, WI 54501

Checklist of Documents for GIS Registry Packet

WI DNR, Bureau for Remediation and Redevelopment, PUB-RR-688

(Include with closure request – please assemble in this order, *rather than that identified on the close out form.*)

- ☐ **One-time fee of $250.00** for each case closed, for maintenance of the registry.

- ☐ **Copies of the most recent deed** *including legal descriptions, for all properties within or partially within the contaminated site boundaries.* (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 should 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.)
- ☒ **A copy of the certified surveyed map or the relevant section of the recorded plat map** *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot2 of xyz subdivision))
- ☒ **Parcel identification number for each property,** *if the county in which the property is located uses parcel identification numbers.*

- ☐ **A location map** which outlines all properties within the contaminated site boundaries in sufficient detail to permit the easy location of all parcels. *(If only one parcel, combine with next item.)*
- ☒ **A map of all contaminated properties within site boundaries**, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells.
  neighborhood map

- ☐ **A table of the most recent analytical results** from all monitoring wells, and any potable wells for which samples have been collected, with sample collection dates. (without shading/crosshatching)

- ☐ **An isoconcentration map,** if available from the site investigation (SI), of the contaminated properties within the site boundaries. The map should include the areal extent of groundwater contamination exceeding PALs, groundwater flow directions based on the most recent data, and sample dates.
  If an isoconcentration map is not available from the SI, substitute the following two maps from the SI, based on the most recent data.
  - ☐ **A groundwater flow direction map**, based on the most recent data.
  - ☐ **A map showing the horizontal extent of contamination**, based on most recent data.

- ☐ **A geologic cross section,** if available from the SI, showing vertical extent and location of soil and groundwater contamination, source extent and location; isoconcentrations for all groundwater contaminants that exceed PALs; water table and piezometric elevations, and the location and elevation of geologic units, bedrock, and confining units, if any.

- ☐ **A statement signed by the responsible party, which states that he or she believes that the legal descriptions attached to the statement are complete and accurate.** *(The point here is that the legal descriptions are describing the correct (i.e. contaminated) properties.)*

- ☐ **A copy of the letters sent by the RP to all owners of properties with groundwater exceeding ESs** (including the current source-property owner, if the RP is not the current source-property owner.) *(Off source properties are listed separately with a link to the source property.)*
- ☐ **A copy of notification provided to City/village/municipality/state agency responsible for maintenance of a road right-of-way**, within or partially within the boundaries of the contaminated site.

- ☐ **Geographic position** of all properties within or partially within the contaminated site boundaries. *The coordinates need to be for a spot located at least 40 feet inside the property boundary. Refer*

DOCUMENT NO.

273,596

WARRANTY DEED

STATE BAR OF WISCONSIN FORM 2 — 1982

VOL 108 PAGE 732

THIS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE)
FLORENCE CO., WIS.) ss
Received for record this 9th day of February AD 1990 at 3:40 o'clock P M, and recorded in Vol 108 of Records page 732
Mary M. Jensen Dep
REGISTER OF DEEDS

$4.00 RECORDING FEE Paid

RETURN TO

Theodore Skell

conveys and warrants to Robert C. Neuens and Elsie Neuens, husband and wife, as survivorship marital property of Rt. 1, Box 121, Niagara, WI 54151

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

Tax Parcel No:

Lots Fifteen (15) and Sixteen (16) of Block One (1), Elmer's First Addition to Aurora.

This deed is executed pursuant to the terms of a land contract entered into between the parties on December 27, 1969, as recorded in Volume 68 Records 406, Florence County Records.

TRANSFER FEE $ 34.20 Paid

This IS NOT homestead property.

Dated this 6th day of February, 19 90

Janice M. O'Connor (SEAL)
Janice M. O'Connor

Carol Wilson (SEAL)
Carol Wilson

Theodore B. Skell (SEAL)
Theodore Skell

(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

Attorney Walter DallaGrana
Florence, Wisconsin

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

ACKNOWLEDGMENT

STATE OF ~~WISCONSIN~~ MICHIGAN
St. Clair County. } ss.

Personally came before me this 6th day of February, 19 90 the above named Theodore Skell

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

Janice M. O'Connor
Notary Public St. Clair County, ~~Wis.~~ Mich.
My Commission is permanent. (If not, state expiration date: December 16, 1990)

*Names of persons signing in

ELMER'S FIRST ADDITION
TO AURORA
FLORENCE COUNTY.

Scale 200 feet to 1 inch.

We, John Elmer and Eva Elmer, my wife do hereby certify that we are the owners of the land described in the foregoing certificate of Joseph E. Gingras, surveyor, and have caused the same to be surveyed, subdivided and platted as shown hereon under the name and title of Elmer's first addition to AURORA, Florence County, Wisconsin, and we do hereby forever dedicate to the public all streets in said plat designated for the purposes in said terms implied.

In witness whereof we have hereunto set our hands this 15th day of May, 1925.

In presence of
ANNA JUDGE
WILMETH COOK

JOHN ELMER
EVA M. ELMER

State of Wisconsin } ss.
County of Florence

Be it remembered that on the 16th day of May 1925 appeared before me, John Elmer and Eva Elmer his wife, whose names are subscribed to the foregoing certificate and acknowledged that they executed the same freely and voluntarily for the uses and purposes therein mentioned.

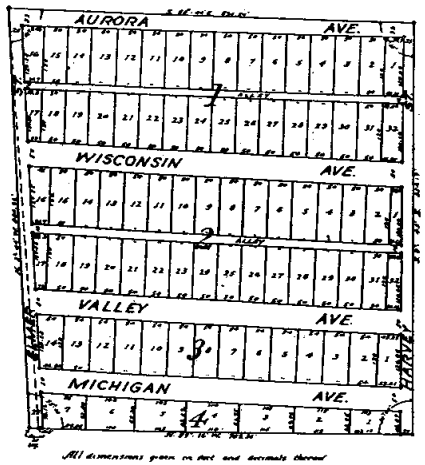
In testimony whereof I have hereunto set my hand and affixed my seal this day and year aforesaid.

(NOTARY PUBLIC SEAL)

ANNA JUDGE, Notary Public
My commission expires on the 26th day of Sept. 1926
Subscribed and sworn to before me this 16th day of May, 1925

Register's Office } ss.
Florence Co. Wis.
Received for record this 27th day of July 1925 at 9 o'clock A.M. and recorded in Vol 1 of Plats on page 39

CLARENCE Sampson
Register of Deeds



All dimensions given in feet and decimals thereof

State of Wisconsin } ss.
County of Florence

I, J. E. Gingras, do hereby certify that I have surveyed a portion of the Northwest ¼ of the Northwest ¼ and a portion of the Northwest ¼ of the Northwest ¼ of Section 34, 39 North, R. 12 East of the 4th Principal Meridian of Wisconsin, more particularly described as follows:

Commencing at the Southwest corner of the plat which is the East West of the Southwest corner of the N.E.¼ of the N.E.¼ thence N.0°00'W. a distance of 200.00 feet, thence S.88°40'E. a distance of 496.26 feet; thence S.0°03'E. a distance of 200.17 feet, thence N.88°16'W. a distance of 493.26 feet to point of beginning.

I do hereby certify that by the order and direction of John Elmer, I have subdivided the same into lots, blocks, streets and alleys, under the name of Elmer's first addition to Aurora, Florence County, Wisconsin and that I have placed iron monuments at corners and points marked thus "o" and good substantial wooden stakes at all lot corners.

I do hereby certify that this plat is a correct representation of all the exterior of the land surveyed and all the divisions thereon made, and that I have conformed with all the requirements of Chapter 18 of the revised Statutes of 1913, of the State of Wisconsin in surveying, subdividing and mapping the same.

In testimony whereof I have hereunto set my hand this ..... day of 1925

J. E. GINGRAS
Surveyor.

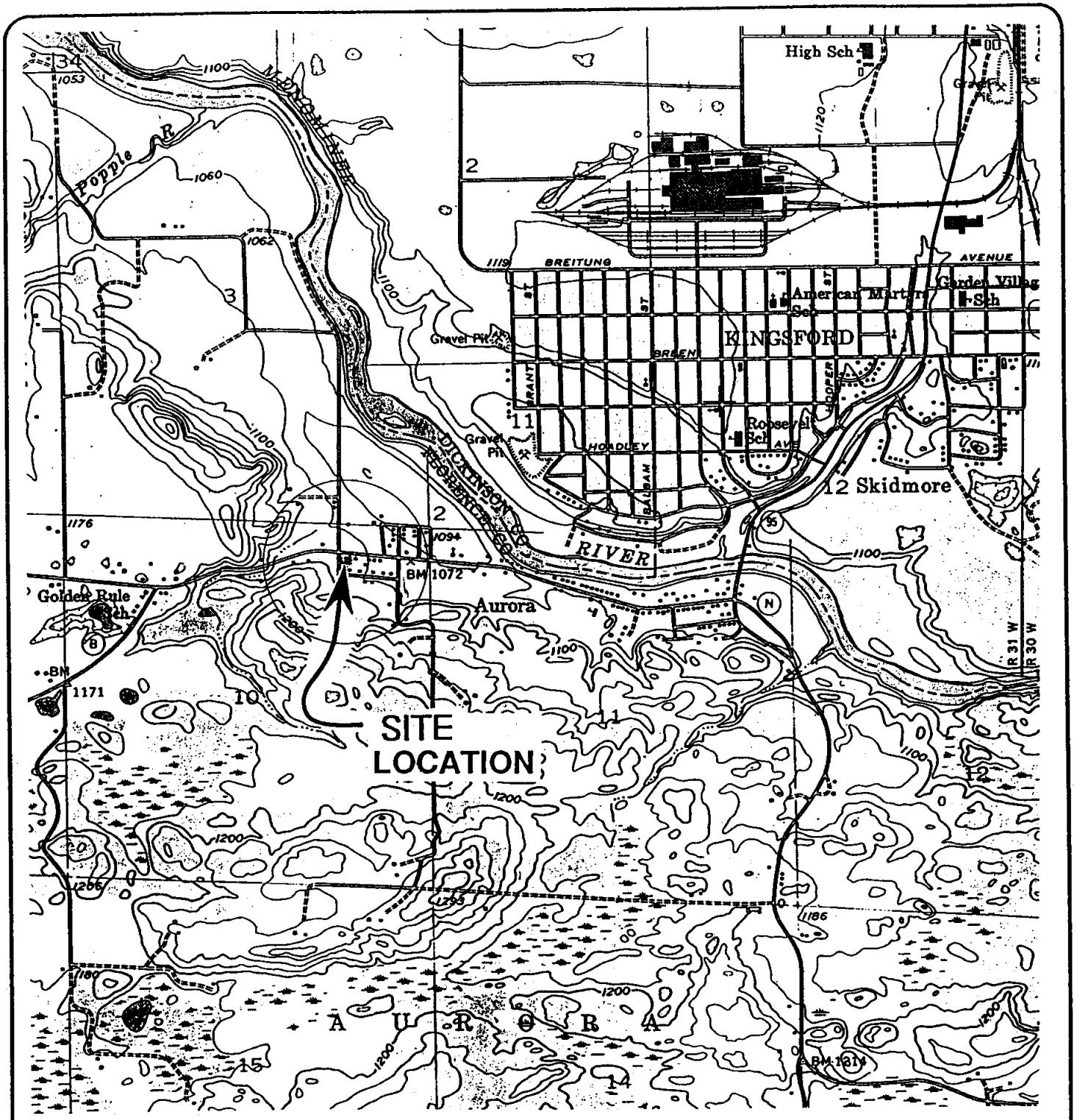
Subscribed and sworn to before me this 16th day of May, 1925.

(NOTARY PUBLIC SEAL)

ANNA JUDGE
Notary Public
My commission expires on the 26th day of Sept. 1925

Approved by the Township Board at a meeting held July 25th 1925

ELMER F. JOHNSON
Town Clerk



SITE VICINITY MAP

1" = 2058'

BOB'S MIDLAND

ROBERT C. NEUENS, OWNER

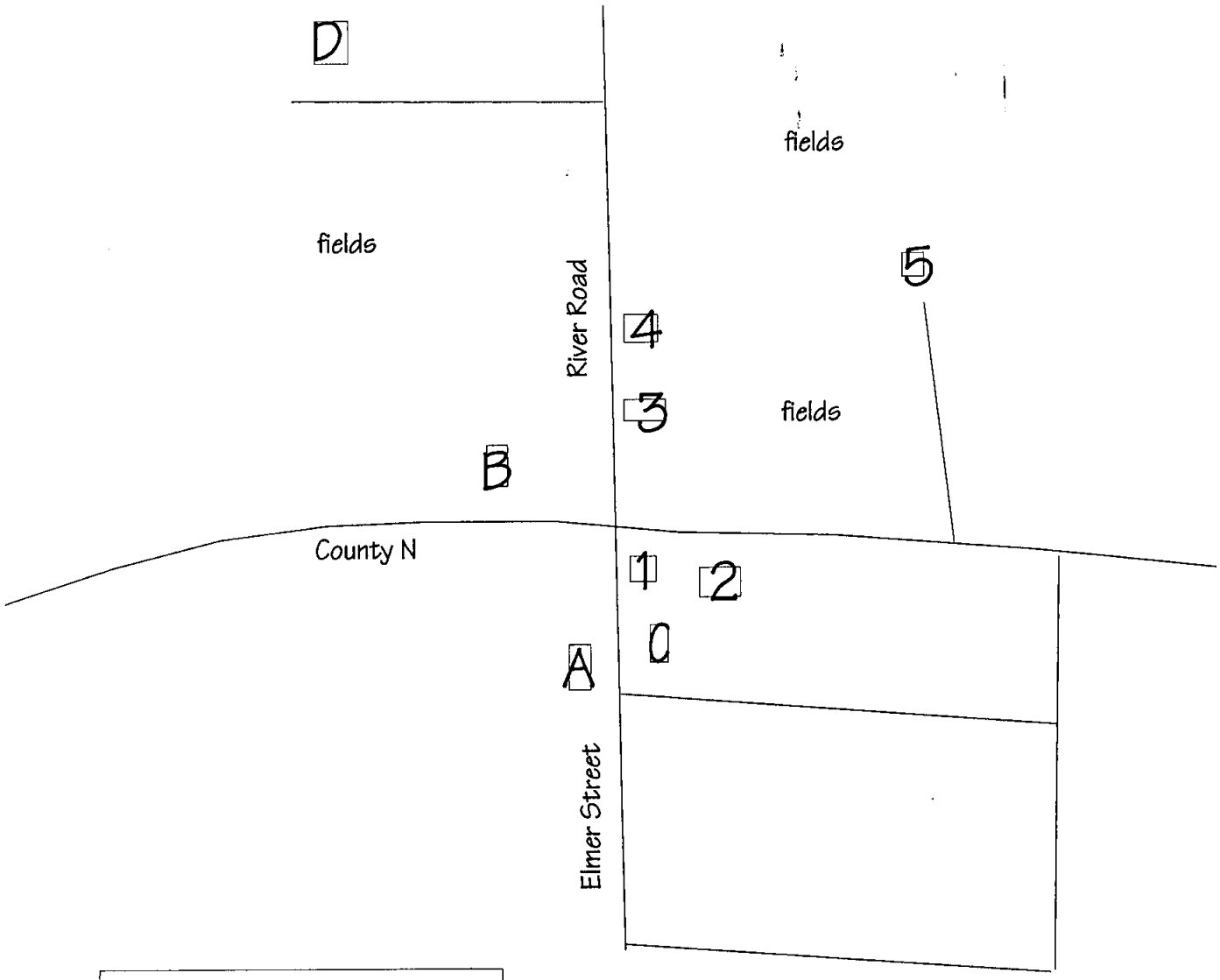
SOURCE: U.S.G.S., IRON MOUNTAIN QUAD, 1955

SW 1/4 - NE 1/4 - NE 1/4 SEC. 10 T 38 N, R 19 E

Coleman Engineering Company
Iron Mountain, Michigan 49801

JOB NO. E - 90246

FIGURE 2



POTABLE WELLS SAMPLED

1. Bob's Midland
2. Box 95, Hwy N
3. Krans, 1972 River Rd.
4. Ellis, 1982 River Rd.
5. DeLaValle, 1162 Hwy N

OTHERS

A. Forest Products
B. House
C. House
D. House

SCALE IN FEET

0 150 300

Bob's Midland, Aurora, WI

Environmental & Geological Scientists
Rhinelander, Wisconsin

Neighborhood Map Showing Some of the Surrounding Homes and Businesses

Drawn by BSH

Date 02/05

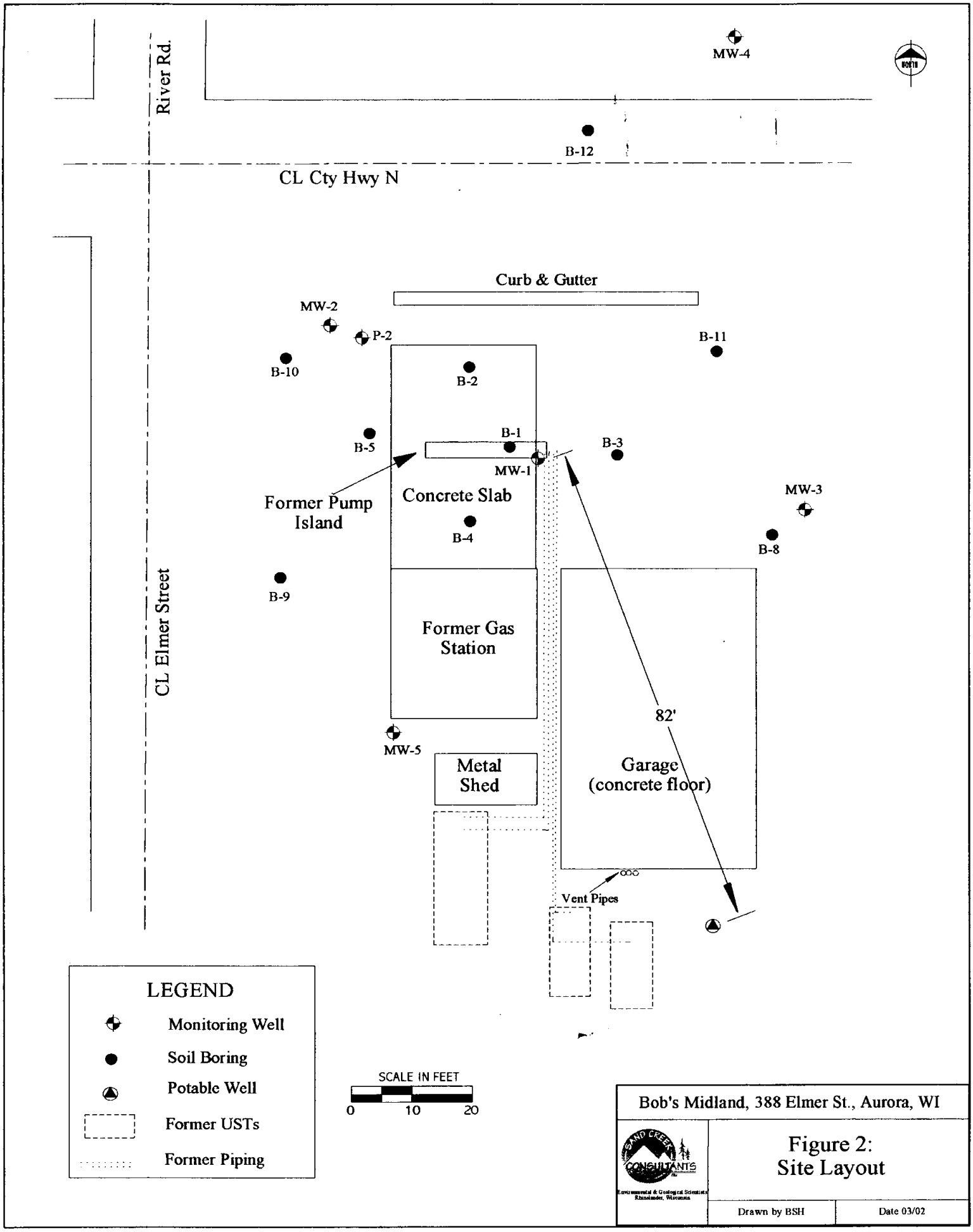

River Rd.
MW-4
NORTH
B-12
CL Cty Hwy N
Curb & Gutter
MW-2
P-2
B-11
B-10
B-2
B-5
B-1
B-3
MW-1
Former Pump Island
Concrete Slab
MW-3
B-4
B-8
B-9
CL Elmer Street
Former Gas Station
82'
MW-5
Metal Shed
Garage (concrete floor)
Vent Pipes
LEGEND
Monitoring Well
Soil Boring
Potable Well
Former USTs
Former Piping
SCALE IN FEET
0
10
20
Bob's Midland, 388 Elmer St., Aurora, WI
SAND CREEK CONSULTANTS
Environmental & Geological Scientists
Rhinelander, Wisconsin
Figure 2:
Site Layout
Drawn by BSH
Date 03/02

Table 3:
Ground Water Lab Data
Bob's Midland

Well Number	MW-1				MW-2				P2					
Date	9/23/93	1/9/02	5/3/02	10/02	9/23/93	1/9/02	5/3/02	10/02	9/23/93	1/9/02	5/3/02	10/02		
ANALYTE	*all values are reported in ug/l, which is equivalent to parts per billion (ppb), except as noted*												ES	PAL
GRO	267000	1700	310	NA	nd	NA	nd	NA	nd	nd	nd	NA	None established	
Lead *	*13*	nd	NA	NA	nd	NA	NA	NA	nd	nd	NA	NA	15	1.5
VOCs														
Benzene	280	20	*1.0*	*0.76*	nd	NA	nd	nd	nd	nd	nd	nd	5	0.5
Toluene	1320	41	3.8	38	nd	NA	nd	nd	2.1	nd	nd	nd	1,000	200
Ethylbenzene	334	11	3.9	7.6	nd	NA	nd	nd	nd	nd	nd	nd	700	140
Total Xylenes (calculated)	*1767*	105	46.1	53	nd	NA	nd	nd	nd	nd	nd	nd	10,000	1,000
M/P Xylene	1250	67	40	36	nd	NA	nd	nd	nd	nd	nd	nd	None established	
Styrene / O-xylene	517	*38*	6.1	*17*	nd	NA	nd	nd	nd	nd	nd	nd	100	10
1,2,4 Trimethylbenzene	1130	120	28	22	nd	NA	nd	nd	nd	nd	nd	nd	None established	
1,3,5 Trimethylbenzene	386	45	10	10	nd	NA	nd	nd	nd	nd	nd	nd	None established	
Total Trimethylbenzenes	1516	*165*	38	32	nd	NA	nd	nd	nd	nd	nd	nd	480	96
MTBE	nd	nd	nd	2.4	nd	NA	nd	nd	nd	nd	nd	nd	60	12
Methylene Chloride **	1060	NA	NA	<1.0	*1.2*	NA	NA	NA	*1.1*	NA	NA	NA	5	0.5
NATURAL ATTENUATION PARAMETERS														
Water Temp. (°C)	10.1	10.2	NA	NA	10.1	NA	NA	NA	9.1	10.8	NA	NA		
Salinity (ppt)	NA	0.2	NA	NA	NA	NA	NA	NA	NA	0.2	NA	NA		
Conductivity (uS/cm)	576	476.1	NA	NA	464	NA	NA	NA	395	342.2	NA	NA		
Dissolved Oxygen (mg/L)	NA	0.66	NA	NA	NA	NA	NA	NA	NA	1.55	NA	NA		
Sulfate (mg/L)	NA	11	NA	NA	NA	NA	NA	NA	NA	9	NA	NA		
Nitrate Nitrogen (mg/L)	0.27	0.83	NA	NA	NA	NA	NA	NA	NA	nd	NA	NA		
Methane (ug/L)	NA	nd	NA	NA	NA	NA	NA	NA	NA	3.7	NA	NA		
Iron (ug/L)	247	nd	NA	NA	NA	NA	NA	NA	NA	1150	NA	NA		

Notes: * Lead was detected in the 9/23/93 field blank at a level of 8 ug/l.
** Methylene Chloride was detected in the 9/23/93 trip blank at a level of 37 ug/l.
Box 95 refers to the potable well located roughly 140' east of MW-1.
10-32 refers to the potable well located more than 300' north of MW-1.
Ellis refers to the potable well located at 1982 river Rd.
DLV refers to the potable well located at 1162 Hwy N.

Table 3 (continued):
Ground Water Lab Data
Bob's Midland

Well Number	MW-3			MW-4						
Date	9/23/93	1/9/02	5/3/02	9/23/93	1/7/98	1/9/02	5/3/02	10/02		
ANALYTE									ES	PAL
GRO	nd	nd	nd	nd	nd	nd	nd	NA	None established	
Lead *	nd	nd	NA	25	nd	nd	NA	NA	15	1.5
VOCs										
Benzene	nd	nd	nd	nd	nd	nd	nd	nd	5	0.5
Toluene	nd	nd	nd	nd	nd	nd	nd	nd	1,000	200
Ethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	700	140
Total Xylenes (calculated)	nd	nd	nd	nd	nd	nd	nd	nd	10,000	1,000
M/P Xylene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
Styrene / O-xylene	nd	nd	nd	nd	nd	nd	nd	nd	100	10
1,2,4 Trimethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
1,3,5 Trimethylbenzene	nd	nd	nd	nd	nd	nd	nd	nd	None established	
Total Trimethylbenzenes	nd	nd	nd	nd	nd	nd	nd	nd	480	96
MTBE	nd	nd	nd	nd	nd	nd	nd	nd	60	12
Methylene Chloride **	*1.1*	NA	NA	*1.1*	NA	NA	NA	NA	5	0.5
NATURAL ATTENUATION PARAMETERS										
Water Temp. (°C)	12	9.8	NA	9.6	MA	9.5	NA	NA		
Salinity (ppt)	NA	0.1	NA	NA	NA	0.3	NA	NA		
Conductivity (uS/cm)	596	472.1	NA	466	NA	688	NA	NA		
Dissolved Oxygen (mg/L)	NA	1.35	NA	NA	3.9	0.68	NA	NA		
Sulfate (mg/L)	NA	9.7	NA	NA	11	15	NA	NA		
Nitrate Nitrogen (mg/L)	NA	1.5	NA	0.03	NA	0.14	NA	NA		
Methane (ug/L)	NA	nd	NA	NA	NA	nd	NA	NA		
Iron (ug/L)	NA	nd	NA	973	1200	959	NA	NA		

TABLE EXPLANATION

nd	ANALYZED BUT NOT DETECTED WITH DETECTION LIMIT < ES
< 54	NOT DETECTED W/ DETEC. LIMIT CLOSE TO OR GREATER THAN ES
5	EXCEEDS CURRENT WDNR PREVENTIVE ACTION LIMIT
75	EXCEEDS CURRENT WDNR ENFORCEMENT STANDARD
NA	NOT ANALYZED

Table 3 (continued):
Ground Water Lab Data
Bob's Midland

Well Number	MW-5				GP7	GP8	388	Box 95	10-32	Ellis	DLV		
Date	9/23/93	1/7/98	1/9/02	5/3/02	10/02	10/02	1/9/02			12/6/02			
ANALYTE					geoprobe samples		Potable Wells					ES	PAL
GRO	nd	nd	nd	nd	NA	NA	nd	nd	nd	nd	nd	None established	
Lead *	4	nd	nd	NA	NA	NA	NA	NA	NA	NA	NA	15	1.5
VOCs													
Benzene	nd	nd	nd	nd	88	nd	nd	nd	nd	nd	nd	5	0.5
Toluene	nd	nd	nd	nd	4000	nd	nd	nd	nd	nd	nd	1,000	200
Ethylbenzene	nd	nd	nd	nd	710	nd	nd	nd	nd	nd	nd	700	140
Total Xylenes (calculated)	nd	nd	nd	nd	*5300*	nd	nd	nd	nd	nd	nd	10,000	1,000
M/P Xylene	nd	nd	nd	nd	3800	nd	nd	nd	nd	nd	nd	None established	
Styrene / O-xylene	nd	nd	nd	nd	1500	nd	nd	nd	nd	nd	nd	100	10
1,2,4 Trimethylbenzene	nd	nd	nd	nd	670	nd	nd	nd	nd	nd	nd	None established	
1,3,5 Trimethylbenzene	nd	nd	nd	nd	220	nd	nd	nd	nd	nd	nd	None established	
Total Trimethylbenzenes	nd	nd	nd	nd	890	nd	nd	nd	nd	nd	nd	480	96
MTBE	nd	nd	nd	nd	<40	1.1	nd	nd	nd	nd	nd	60	12
Methylene Chloride **	*1.4*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5	0.5
NATURAL ATTENUATION PARAMETERS													
Water Temp. (°C)	11	NA	10.2	NA	NA	NA	NA	NA	NA	NA	NA		
Salinity (ppt)	NA	NA	0.2	NA	NA	NA	NA	NA	NA	NA	NA		
Conductivity (uS/cm)	371	NA	398	NA	NA	NA	NA	NA	NA	NA	NA		
Dissolved Oxygen (mg/L)	NA	4.4	1.27	NA	NA	NA	NA	NA	NA	NA	NA		
Sulfate (mg/L)	NA	17	9.9	NA	NA	NA	NA	NA	NA	NA	NA		
Nitrate Nitrogen (mg/L)	NA	NA	0.45	NA	NA	NA	NA	NA	NA	NA	NA		
Methane (ug/L)	NA	NA	nd	NA	NA	NA	NA	NA	NA	NA	NA		
Iron (ug/L)	NA	17	nd	NA	NA	NA	NA	NA	NA	NA	NA		

TABLE EXPLANATION

nd	ANALYZED BUT NOT DETECTED WITH DETECTION LIMIT < ES
< 54	NOT DETECTED W/ DETEC. LIMIT CLOSE TO OR GREATER THAN ES
5	EXCEEDS CURRENT WDNR PREVENTIVE ACTION LIMIT
75	EXCEEDS CURRENT WDNR ENFORCEMENT STANDARD
NA	NOT ANALYZED

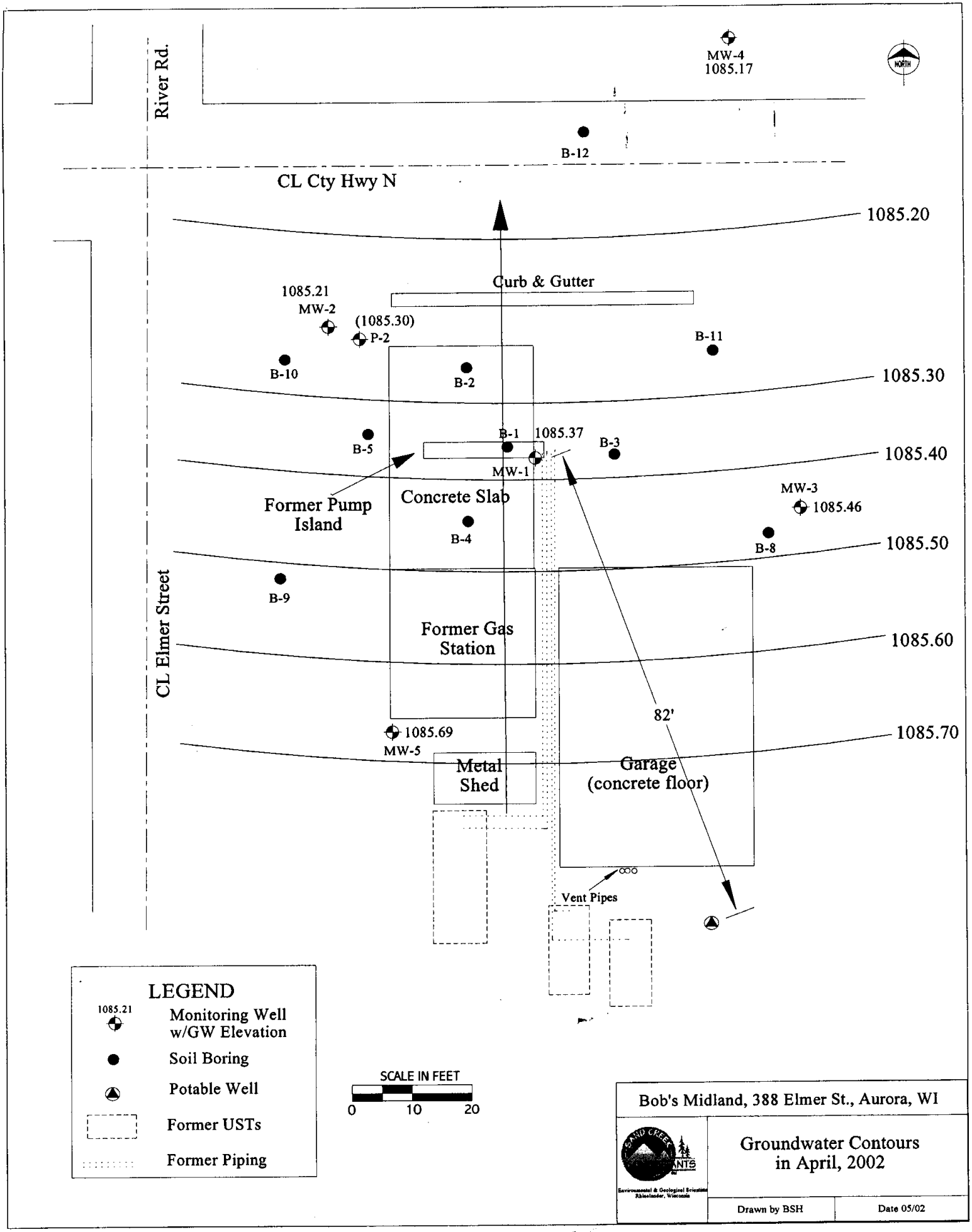
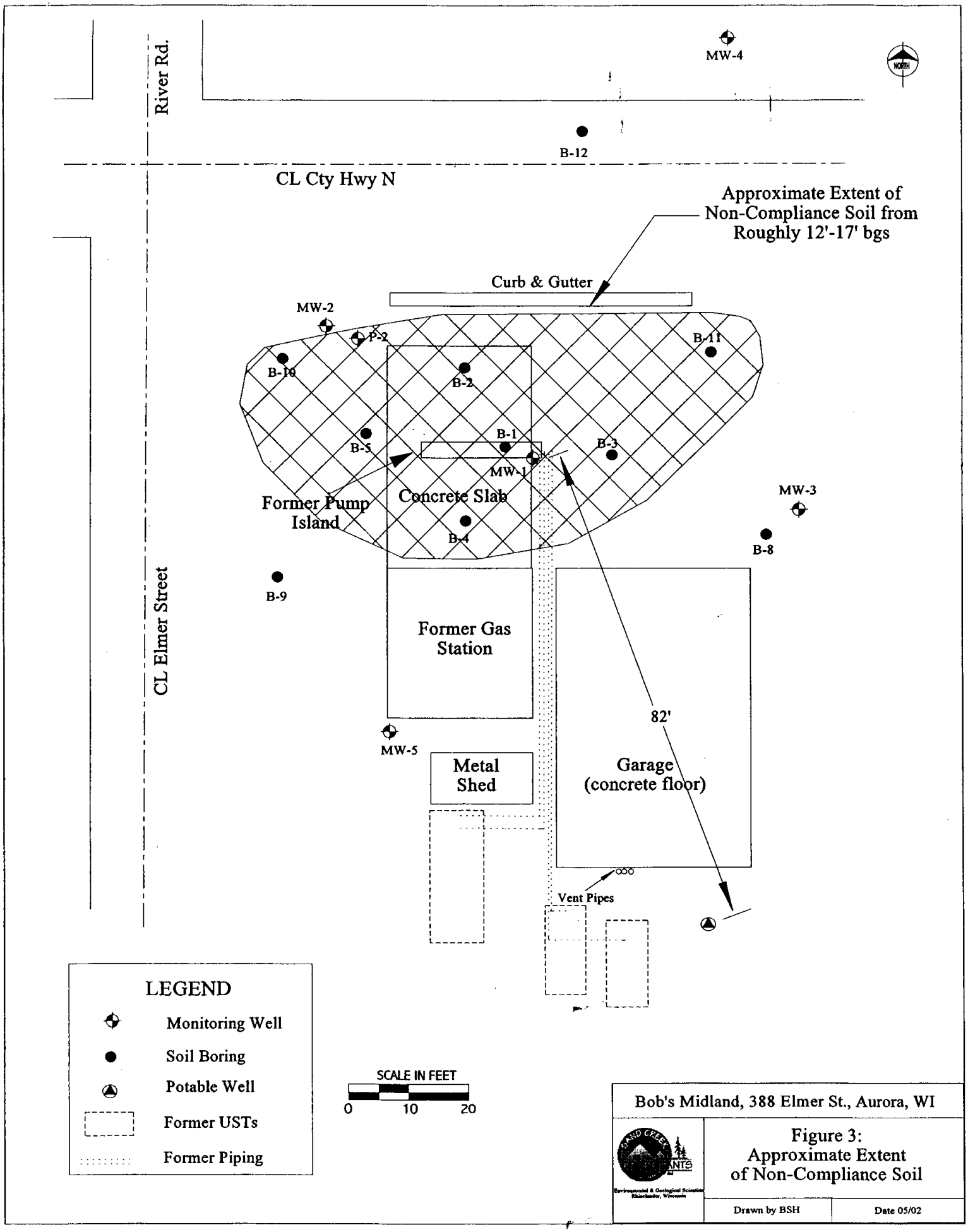

River Rd.
MW-4
1085.17
NORTH
B-12
CL Cty Hwy N
1085.20
Curb & Gutter
1085.21
MW-2
(1085.30)
P-2
B-11
B-10
B-2
1085.30
B-1
1085.37
B-3
B-5
1085.40
MW-1
MW-3
1085.46
Former Pump Island
Concrete Slab
B-4
B-8
1085.50
B-9
CL Elmer Street
Former Gas Station
1085.60
82'
1085.69
MW-5
1085.70
Metal Shed
Garage (concrete floor)
Vent Pipes
LEGEND
1085.21
Monitoring Well w/GW Elevation
Soil Boring
Potable Well
Former USTs
Former Piping
SCALE IN FEET
0
10
20
Bob's Midland, 388 Elmer St., Aurora, WI
Groundwater Contours in April, 2002
Drawn by BSH
Date 05/02

TABLE 1
BOB'S MIDLAND
SURVEY DATA AND WATER LEVEL MEASUREMENTS

Well ID		MW-1	MW-2	MW-3	MW-4	MW-5	P-2
PVC Elevation *		1100.00	1099.64	1099.48	1097.86	1103.52	1099.65
Well Screen Interval		1087.5-1077.5	1086.64-1076.64	1086.98-1076.98	1085.36-1075.36	1090.52-1080.52	1068.65-1063.65
1/9/02	Dep. to GW	**17.64**	--	**17.02**	**15.68**	**20.82**	**17.35**
	GW Elev.	1082.36	--	1082.46	1082.18	1082.70	1082.30
5/3/02	Dep. to GW	**14.63**	**14.43**	**14.02**	**12.69**	**17.83**	**14.35**
	GW Elev.	1085.37	1085.21	1085.46	1085.17	1085.69	1085.30
10/30/02	Dep. to GW	**15.05**	**14.85**	--	**13.14**	--	**14.75**
	GW Elev.	1084.95	1084.79	--	1084.72	--	1084.90
Max. elevation measured		1085.37	1085.21	1085.46	1085.17	1085.69	1085.37
Min. elevation measured		1082.36	1084.79	1082.46	1082.18	1082.70	1082.30
Difference between max. and min. elevations		**3.01**	**0.42**	**3.00**	**2.99**	**2.99**	**3.07**

Notes: * Wells were surveyed on 5/3/02 and were tied to MW-1. Elevation of MW-1 was assumed to be 1100.00 feet above sea level (asl), based on the topographic map of the area.


River Rd.
MW-4
NORTH
B-12
CL Cty Hwy N
Approximate Extent of Non-Compliance Soil from Roughly 12'-17' bgs
Curb & Gutter
MW-2
P-2
B-10
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MW-3
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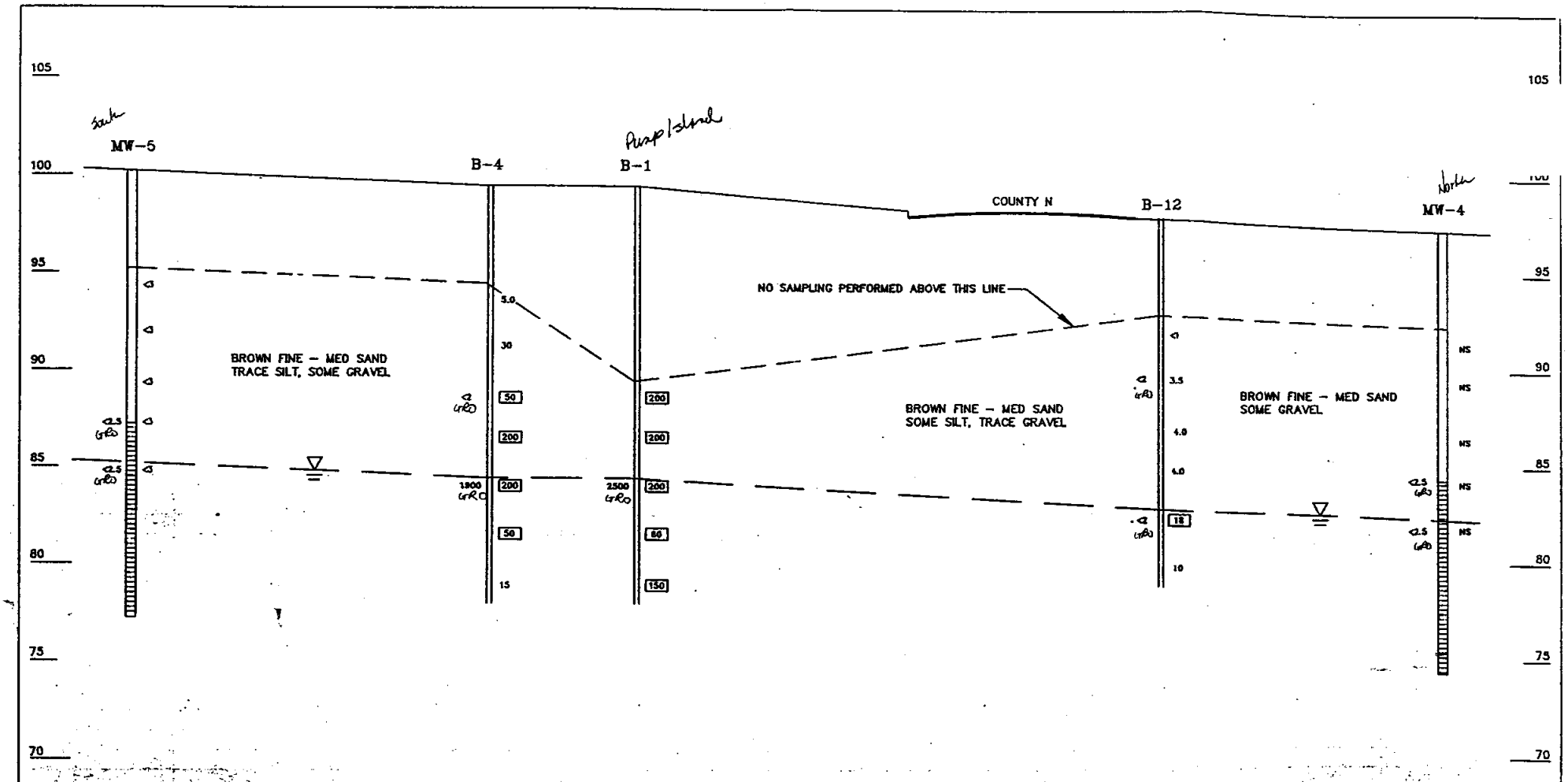
LEGEND
Monitoring Well
Soil Boring
Potable Well
Former USTs
Former Piping
SCALE IN FEET
0
10
20
Bob's Midland, 388 Elmer St., Aurora, WI
Figure 3: Approximate Extent of Non-Compliance Soil
Drawn by BSH
Date 05/02



HORIZONTAL SCALE: 1" = 10'
VERTICAL SCALE 1" = 5'

BOB'S MIDLAND SERVICE
VERTICAL EXTENT OF IMPACT
LOOKING WEST

ELEVATIONS USE ON-SITE BENCHMARK OF 100.0'

THIS CROSS SECTION APPROXIMATES ACTUAL CONDITIONS BETWEEN BORINGS AND MONITORING WELLS.
HEADSPACE SAMPLE RESULTS ARE SHOWN ON THE RIGHT SIDE OF BORINGS/WELLS. GRO LABORATORY RESULTS ARE SHOWN ON THE LEFT.

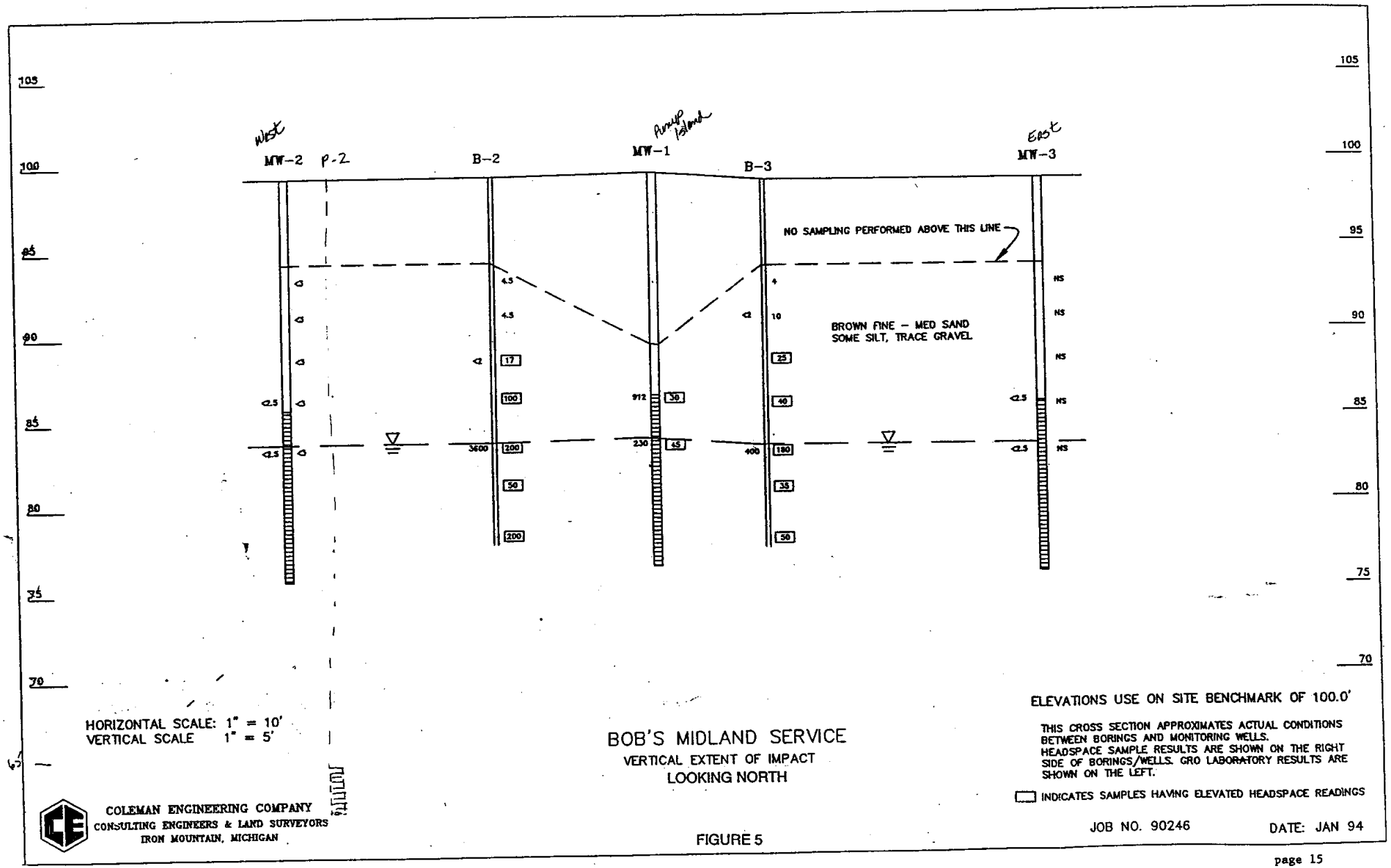
☐ INDICATES SAMPLES HAVING ELEVATED HEADSPACE READINGS

COLEMAN ENGINEERING COMPANY
CONSULTING ENGINEERS & LAND SURVEYORS
IRON MOUNTAIN, MICHIGAN

FIGURE 4

JOB NO. 90246

DATE: JAN 94



BOB'S MIDLAND SERVICE
VERTICAL EXTENT OF IMPACT
LOOKING NORTH

FIGURE 5

Table 2
PVOC Soil Sample Results
Monitoring Well Installation
Bob's Midland Service
September 1993

Parameter	MW-1	MW-1
Depth	12.5-14	15-16.5
Headspace	30	45
Benzene	490	794
Toluene	3660	864
Ethylbenzene	5010	2750
Total Xylene	38,000	13,800
Methyl-Tert-Butyl Ether	<558	<566
1,2,4 Trimethylbenzene	39,000	33,800
1,3,5 Trimethylbenzene	10,900	9,880

PVOC results in micrograms per kilogram (µg/kg).

Headspace results in units as benzene.

Table 2

Soil Boring Sample Results | **Bob's Midland Service** | **July 8, 9 and August 13, 1992**

Parameter	B-1	B-2	B-2	B-3	B-3	B-4	B-4	B-5	B-5	B-6	B-7	B-8	B-8	B-9	B-9	B-10	B-10**	B-11	B-11	B-12	B-12
Depth Below Grade	15-16.5	10-11.5	15-16.5	7.5-9.0	15-16.5	10-11.5	15-16.5	7.5-9.0	15-16.5	15-16.5	8.0	10-11.5	15-16.5	75.-9.0	15-16.5	7.5-9.0	15-16.5	12.5-14.0	15-16.5	7.5-9.0	15-16.5
Headspace	200*	17	200*	10.0	180*	50	200*	3.0	4.0	7.0	3.0	4.5	1.0	3.5	5.0	4.5	4.5	70	15	-	-
Gas Range Organics (ppm)	2,500	<2	3,600	<2	400	<2	1,900	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	4	2	<2	<2
Lead (ppm)	5.3	1.2	8.3	<1.3	<1.3	1.5	2.5	<1.3	<1.3	<1.2	<1.2	<1.3	<1.4	1.3	<1.2	<1.2	<1.3	<1.2	<1.1	<1.6	<1.6
PVOC (ppb)																					
Benzene	6,300	<30	7,900	<30	3,000	45	1,900	<30	<30	<30	<30	<30	<30	<30	<30	110	97	370	120	<30	<30
Ethylbenzene	30,000	<30	26,000	<30	5,900	<30	6,200	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	57	<30	<30	<30
Tert-Butyl-methyl Ether	<3,000	46	<3,000	270	<3,000	110	<3,000	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	300	<30	<30	<30
Toluene	67,000	<30	48,000	<30	19,000	<30	12,000	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	530	42	<30	<30
1,2,4 Trimethyl-benzene	120,000	<30	160,000	<30	31,000	66	100,000	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	120	<30	<30	<30
1,3,5-Trimethyl-benzene	40,000	<30	53,000	<30	10,000	33	40,000	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	<30	<30	<30
m/p Xylene	140,000	<30	130,000	<30	29,000	83	46,000	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	330	<30	<30	<30
o-Xylene	69,000	<30	8,600	<30	14,000	<30	26,000	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	140	<30	<30	<30

*Quench

**Duplicate sample collected

Table 2
Soil Sample Analysis Results
Monitoring Well Installation
Bob's Midland Service
September 1993

	Depth[1]	Headspace[2]	GRO (ppm)	PVOC (ppb)	Lead (ppm)
MW-1	12.5-14	30	912	**	16.4
MW-1	15-16.5	45	230	**	3.84
MW-2	12.5-14	<3	<2.5	ND	<2.63
MW-2	15-16.5	<3	<2.5	ND	<3.06
MW-3	12.5-14	NA	<2.5	ND	3.6
MW-3	15-16.5	NA	<2.5	ND	<3.2
MW-4	12.5-14	NA	<2.5	ND	10.4
MW-4	15-16.5	NA	<2.5	ND	<2.93
MW-5	12.5-14	<3	<2.5	ND	<2.66
MW-5	15-16.5	<3	<2.5	ND	<3.17
Field Blank	9/14/93*	NA	<2.5	NA	NA
Field Blank	9/15/93*	NA	<2.5	NA	NA
Trip Blank	9/14/93*	NA	<2.5	NA	NA
Trip Blank	9/15/93*	NA	<2.5	NA	NA

1 - Approximate feet below grade.
2 - Headspace readings in units as benzene. Background reading of 3 units as benzene.
ND Not detected above laboratory detection limit.
NA Not analyzed.
* Sample date
** Elevated PVOC results detected - see Table 4.

Table 2
Remedial Action Alternative Soils Sample Results
Bob's Midland Service

	MW-1	MW-2	MW-4	Analyzed By
Chemical Analysis				
Ammonia Nitrogen (%)	<0.01	NA	<0.01	REL
Nitrate/Nitrite Nitrogen (mg/kg)	2.18	NA	0.61	REL
Phosphorus, Total (%)	0.02	NA	0.02	REL
Phosphorus (mg/kg)	15	NA	7	UEX
Potassium, Total (%)	0.04	NA	0.04	REL
Potassium (mg/kg)	50	NA	35	UEX
Calcium (mg/kg)	250	NA	350	UEX
Magnesium (mg/kg)	50	NA	60	UEX
Organic Matter (%)	0.2	NA	0.3	UEX
Cation Exchange Capacity	1	NA	2	UEX
pH (s.u.)	7.25	NA	8.29	REL
Total Solids (%)	90.7	NA	89.9	REL
Sample Density (g/cm^3)	1.48	NA	1.38	UEX
Physical Analysis				
USCS	NA	SM-SP	SM	STS
Hydraulic Conductivity (cm/sec)	NA	1.1 EE-3	2.8 EE-4	STS
Porosity (%)	NA	0.32	0.31	STS
Water Content (%)	NA	6.3	8.2	STS
Dry Unit Weight (PCF)	NA	112.2	114.1	STS
Atterberg Limits	NA	Non-liquid, non-plastic	Non-liquid, non-plastic	STS

NA - Not analyzed
REL - Robert E. Lee & Associates
UEX - University of Wisconsin, Extension Soil Science Department
STS - STS Consultants, Ltd.

Table 4:
Geoprobe Soil Lab Data for Direct Contact Zone
Bob's Midland
Aurora, WI

EXPLANATION

nd	Analyzed but not detected
<.02	Not detected w/method detection limit > clean-up standard
35	Exceeds NR 720 Clean-up Standards

Boring Number	GP1	GP2	GP3	GP4	GP5	GP6	GP7	NR 720 Soil Clean-up Standards For soil with K> 10^{-6} cm/sec
Depth below ground (ft)	4'							
Date Sampled	*10/30/02*							
PVOCs (in mg/kg)								
Benzene	<.025	<.025	<.025	<.025	<.025	<.025	<.025	0.0055
Toluene	nd	nd	nd	nd	nd	nd	nd	1.5
Ethylbenzene	nd	nd	nd	nd	nd	nd	nd	2.9
Total Xylenes	nd	nd	nd	nd	nd	nd	nd	4.1
M/P Xylene	nd	nd	nd	nd	nd	nd	nd	none est.
O-Xylene/Styrene	nd	nd	nd	nd	nd	nd	nd	none est.
1,3,5-Trimethylbenzene	nd	nd	nd	nd	nd	nd	nd	none est.
1,2,4-Trimethylbenzene	nd	nd	nd	nd	nd	nd	nd	none est.
MTBE	nd	nd	nd	nd	nd	nd	nd	none est.

STATEMENT REGARDING LEGAL DESCRIPTION OF PROPERTY WITHIN THE CONTAMINATED SITE BOUNDARIES

I, Robert Neuens, owner of the Bob's Midland property, located at 388 Elmer Street in Aurora, Wisconsin, hereby certify that the legal description of the property on which groundwater contamination is located is attached to this statement and is complete and accurate.

Robert Neuens, owner

1/5/09

Date

150 S. Stevens Street
P.O. Box 1512
Rhinelander, WI 54501
Phone: (715) 365-1818
Fax: (715) 365-1819

January 2, 2003

Florence County Highway Commission
Attn: Mr. Richard Leffler
HC 3, Box 1
Florence, WI 54121

Dear Mr. Leffler:

RE: Notification of Contamination within Right of Way

I am writing to inform you that residual groundwater and soil contamination exists in the Highway N right-of-way at the intersection of Highway N and Elmer Street in the Town of Aurora. Detailed information is presented below.

County	Florence
Highway	Highway N
Site Name	Bob's Midland
Site Address	388 Elmer Street (Hwy N)
BRRTS #	03-19-000687
PECFA #	54151-9617-97
Owner's Name	Bob Neuens
Owner's Address	Rt 1, Box 121, Niagara, WI 54151
Consulting Firm	Sand Creek Consultants, Inc.
Consultant Contact	Brenda S. Halminiak
Consultant Address	P.O. Box 1512, Rhinelander, WI 54501
Consultant Phone	715-365-1818
Consultant Fax	715-365-1819
Consultant Email	bsh@sand-creek.com
Soil Contamination?	Yes
Depth to Contaminated Soil	Twelve feet
Vertical Extent of Contamination	Twelve feet to seventeen feet below ground surface
Groundwater Contamination?	Yes
Depth to Water Table	Roughly fourteen feet
Description of the type of contamination present	Gasoline
Brief summary of cleanup activity	Limited soil excavation in pump island area and monitored groundwater natural attenuation
Map Showing Extent of Groundwater Contamination	Attached
Map Showing Extent of Soil Contamination	Attached

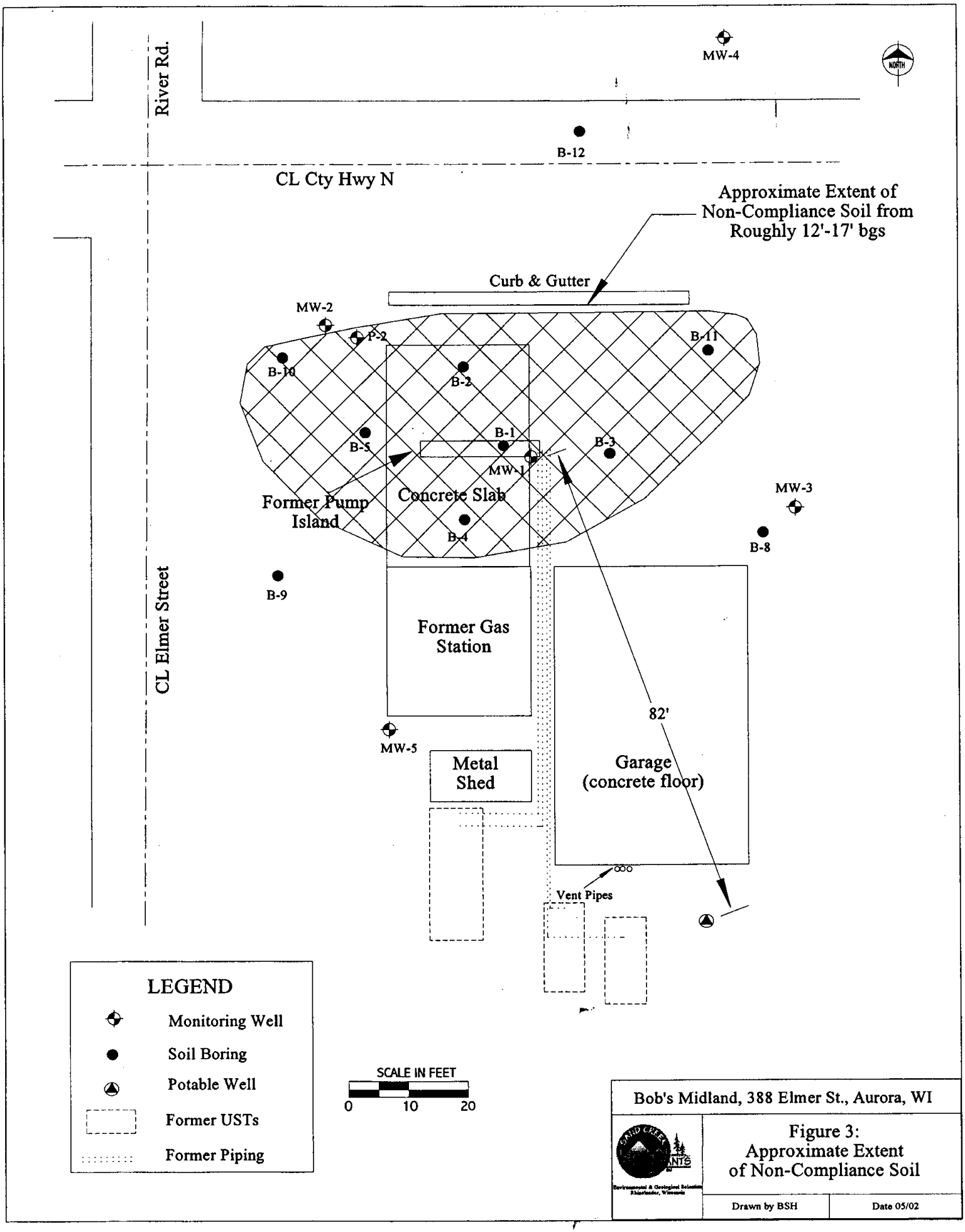
If you have any questions about this information, you may contact me at the address or phone number listed above.

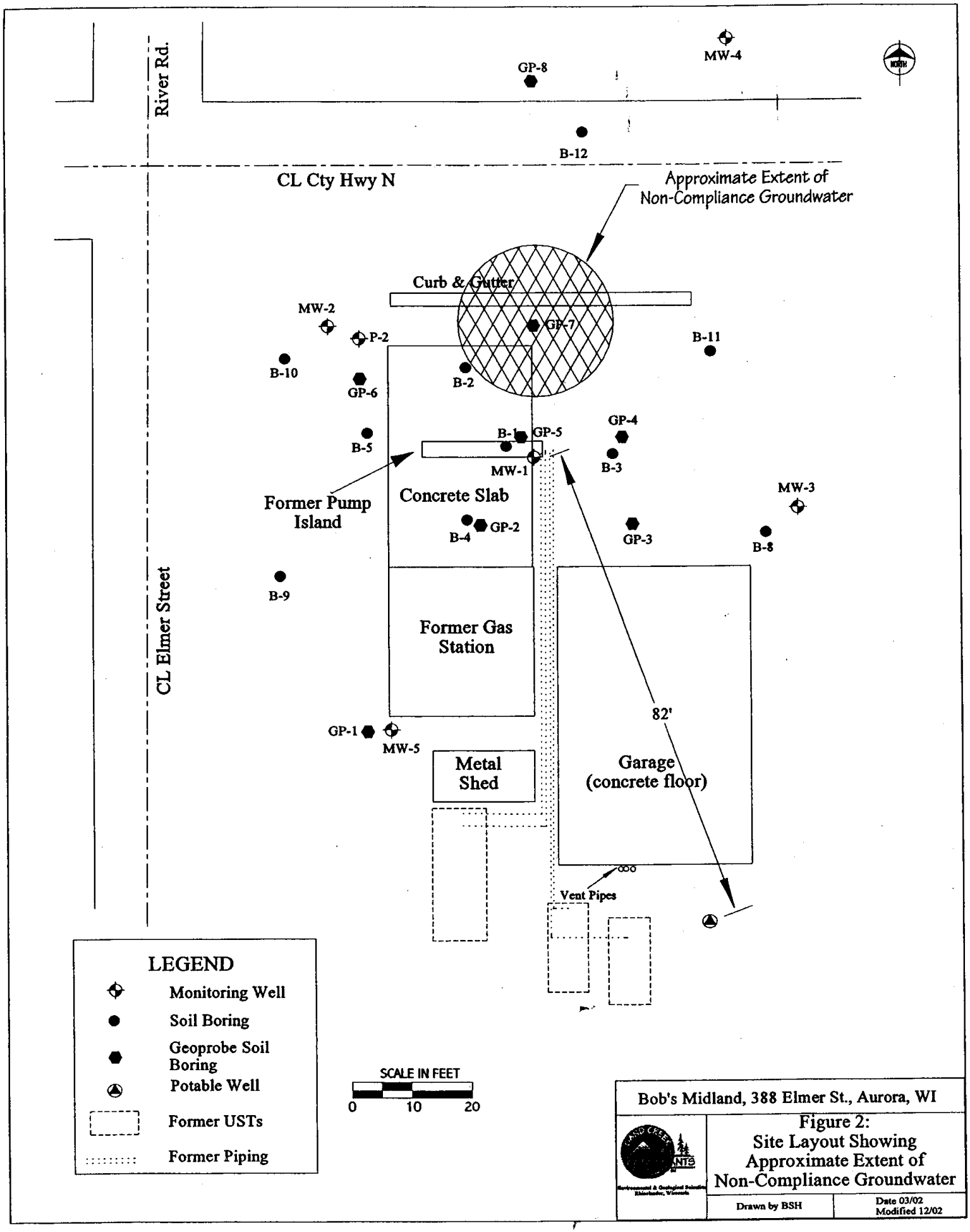
Sincerely,
SAND CREEK CONSULTANTS, INC.

Brenda S. Halminiak

Brenda S. Halminiak
Project Manager

cc: Mr. Bob Neuens


River Rd.
MW-4
NORTH
B-12
CL Cty Hwy N
Approximate Extent of Non-Compliance Soil from Roughly 12'-17' bgs
Curb & Gutter
MW-2
P-2
B-11
B-10
B-2
B-1
B-5
B-3
MW-1
Former Pump Island
Concrete Slab
MW-3
B-4
B-8
B-9
CL Elmer Street
Former Gas Station
82'
MW-5
Metal Shed
Garage (concrete floor)
Vent Pipes
LEGEND
Monitoring Well
Soil Boring
Potable Well
Former USTs
Former Piping
SCALE IN FEET
0
10
20
Bob's Midland, 388 Elmer St., Aurora, WI
Figure 3:
Approximate Extent
of Non-Compliance Soil
Drawn by BSH
Date 05/02


River Rd.
GP-8
MW-4
NORTH
B-12
CL Cty Hwy N
Approximate Extent of
Non-Compliance Groundwater
Curb & Gutter
MW-2
P-2
GP-7
B-11
B-10
GP-6
B-2
GP-4
B-5
B-1
GP-5
MW-1
B-3
Former Pump
Island
Concrete Slab
MW-3
B-4
GP-2
GP-3
B-8
B-9
CL Elmer Street
Former Gas
Station
82'
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MW-5
Metal
Shed
Garage
(concrete floor)
Vent Pipes
LEGEND
Monitoring Well
Soil Boring
Geoprobe Soil
Boring
Potable Well
Former USTs
Former Piping
SCALE IN FEET
0
10
20
Bob's Midland, 388 Elmer St., Aurora, WI
Figure 2:
Site Layout Showing
Approximate Extent of
Non-Compliance Groundwater
Drawn by BSH
Date 03/02
Modified 12/02

SAND CREEK CONSULTANTS SM

150 S. Stevens Street
P.O. Box 1512
Rhinelander, WI 54501
Phone: (715) 365-1818
Fax: (715) 365-1819

January 2, 2003

Ms. Terry Lindstrom
Clerk, Town of Aurora
Rt. 1, Box 312D
Niagara, WI 54151

Dear Ms. Lindstrom:

RE: Notification of Contamination within Right of Way

I am writing to inform you that residual soil contamination exists in the Elmer Street right-of-way near the intersection of Highway N and Elmer Street in the Town of Aurora. Detailed information is presented below.

County	Florence
Street	Elmer Street
Site Name	Bob's Midland
Site Address	388 Elmer Street (Hwy N)
BRRTS #	03-19-000687
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Consultant Phone	715-365-1818
Consultant Fax	715-365-1819
Consultant Email	bsh@sand-creek.com
Soil Contamination?	Yes
Depth to Contaminated Soil	Twelve feet
Vertical Extent of Contamination	Twelve feet to seventeen feet below ground surface
Groundwater Contamination?	No (not in the Elmer street right-of-way)
Depth to Water Table	Roughly fourteen feet
Description of the type of contamination present	Gasoline
Brief summary of cleanup activity	Limited soil excavation in pump island area and monitored groundwater natural attenuation
Map Showing Extent of Groundwater Contamination	Not Applicable
Map Showing Extent of Soil Contamination	Attached

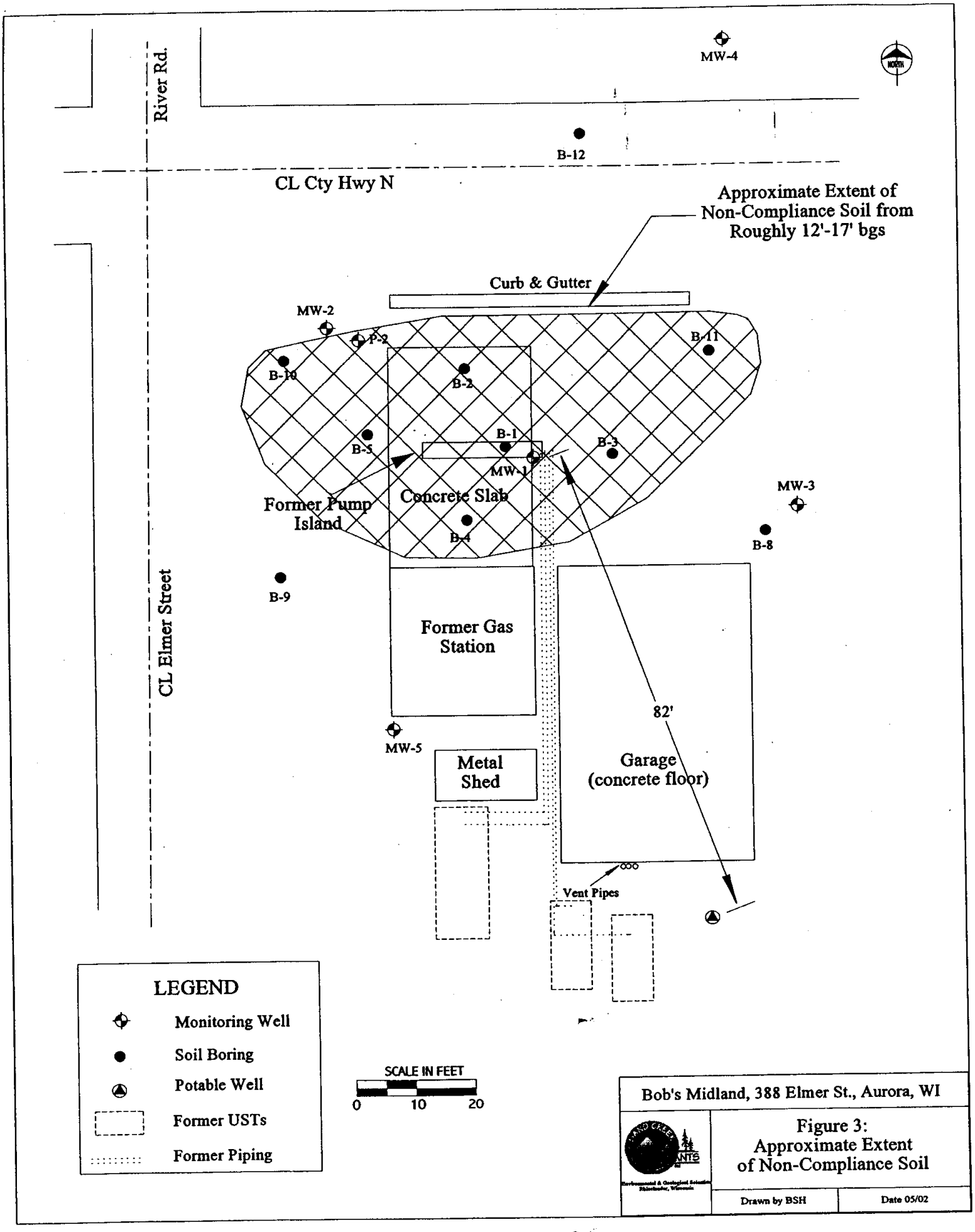
If you have any questions about this information, you may contact me at the address or phone number listed above.

Sincerely,
SAND CREEK CONSULTANTS, INC.

Brenda S. Halminiak

Brenda S. Halminiak
Project Manager

cc: Mr. Bob Neuens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SCALE IN FEET
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Bob's Midland, 388 Elmer St., Aurora, WI
Figure 3: Approximate Extent of Non-Compliance Soil
Drawn by BSH
Date 05/02