

GIS REGISTRY INFORMATION

SITE NAME: Catherine Barrett Residence
 BRRTS #: 03-116-000883 FID # (if appropriate):
 COMMERCE # (if appropriate): 54880 27 4510
 CLOSURE DATE: 10/22/1996
 STREET ADDRESS: 1610 Hammond Ave
 CITY: Superior
 SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 359715 Y= 696114

CONTAMINATED MEDIA: Groundwater Soil Both

OFF-SOURCE GW CONTAMINATION >ES: Yes No

IF YES, STREET ADDRESS 1: _____
 GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

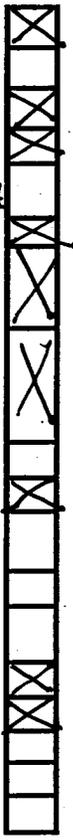
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): Yes No

IF YES, STREET ADDRESS 1: _____
 GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

CONTAMINATION IN RIGHT OF WAY: Yes No

DOCUMENTS NEEDED:

- Closure Letter, and any conditional closure letter or denial letter issued
- Copy of any maintenance plan referenced in the final closure letter. N/A
- Copy of (soil or land use) deed notice if any required as a condition of closure
- 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 WA
- County Parcel ID number, if used for county, for all affected properties 05-805-00466-00
- Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.
- 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) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.
- Tables of Latest Groundwater Analytical Results (no shading or cross-hatching) N/A
- Tables of Latest Soil Analytical Results (no shading or cross-hatching)
- Isoconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map. N/A
- GW: Table of water level elevations, with sampling dates, and free product noted if present N/A
- GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees) N/A
- SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour
- Geologic cross-sections, if required for SI. (8.5x14" if paper copy)
- RP certified statement that legal descriptions are complete and accurate N/A
- Copies of off-source notification letters (if applicable) N/A
- Letter Informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW) N/A

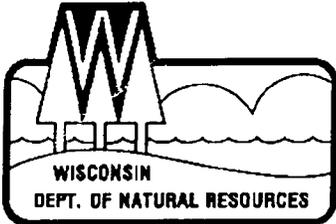


Institutional Control Audit Site

The documentation contained within was collected by the WDNR Project Manager from existing documentation contained in the case file for audit purposes.

This case was closed by the WDNR prior to the existence of GIS Registry submittal requirements being in place.

Certain documents that are currently required in ch. NR 726, Wis. Adm. Code, for inclusion on the GIS Registry may therefore be unavailable.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
William H. Smith, District Director

Brule Area Headquarters
6250 South Ranger Road
P.O. Box 125
Brule, WI 54820-0125
TELEPHONE 715-372-4866
TELEFAX 715-372-4836

October 22, 1996

MS CATHERINE A BARRETT
2335 HUGHITT AVENUE
SUPERIOR WI 54880

FILE COPY

Re: Site Closure - Former Catherine Barrett Residence (Case #03-16-000883)
1610 Hammond Avenue, Superior, Wisconsin

Dear Ms. Barrett:

On June 1, 1995, the Department of Natural Resources provided a notice to you that the degree and extent of petroleum contamination at the above named site was required to be investigated and remediated. We have since been informed that the required investigation and remediation has been accomplished.

On May 7, 1996, I presented the case for the above mentioned site to the Northwest District Close Out Committee for a determination as to whether or not the case qualified for close out under ch. NR 726, Wis. Adm. Code. The Committee determined that no further investigative or remedial actions would be required at that time. However, the Committee also determined that, as a condition of site closure, a declaration of restriction would have to be recorded on the site's property deed. The declaration of restriction would document the potential presence of inaccessible soil contamination, and require that the contaminated soil be properly remediated if it becomes accessible in the future. The Department recently received proof that this declaration of restriction has been recorded on the property deed.

Based on the investigative and remedial documentation provided to the Department, it appears that the petroleum contamination at the above named site has been remediated in compliance with the requirements of chs. NR 700 to 724, Wis. Adm. Code. Therefore, the Department considers the case "closed", having determined that no further action is necessary at the site at this time. However, 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 the environment.

You should note that this letter does not constitute Department "certification" under s. 144.765 (2) (a) 3, Wis. Stats., as created by 1993 Wisconsin Act 453 (May 12, 1994). Persons who meet the definition of "purchaser" in s. 144.765 (1) (c), must receive Department pre-approval prior to conducting a site investigation in order to be eligible for the liability exemption under s. 144.765, Wis. Stats.

Ms. Catherine A. Barrett - October 22, 1996

2

The Department appreciates your cooperation and patience in working to clean up the petroleum contamination on this property. If you have any questions concerning this letter or the project in general, please do not hesitate to write or call me at 715/372-4866.

Sincerely,

A handwritten signature in cursive script, appearing to read "Christopher A. Saari".

Christopher A. Saari
Hydrogeologist

cc: Mr. and Mrs. Philip Staurseth
Timothy Heren - Superior Engineering & Technical Services, Inc.

DECLARATION OF RESTRICTION

IN RE: Property located in Lots Four (4) and Five (5), Block 275, West Superior, 14th Division, in the City of Superior, Douglas County, Wisconsin, more particular described in the warranty deed recorded at Volume 295, Records, Page 180 (Document No. 491221).

State of Wisconsin)
)ss.
County of Douglas)

WHEREAS Catherine A. Barrett is the owner of record of the above-described property; and

WHEREAS it is the desire and intention of the property owner to impose on it restrictions which will make it unnecessary to conduct further soil remediation activities on the property at the present time;

Now, therefore, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitations and restrictions:

One or more heating oil discharges have occurred at this property. Structural impediments existing at the time of clean-up made complete remediation of the discharges impracticable. Heating oil contaminated soil may remain at this property at the following location: Approximately thirty (30) feet east of the house, adjacent to and beneath the sanitary sewer line which runs eastward from the house, at a depth of approximately seven and one-half (7 1/2) feet below the surface. Pursuant to the requirements of s. 144.76, Wis. Stats., any future subsurface work in this location which removes the structural impediments which currently exist shall provide for investigation of the degree and extent of heating oil contamination. To the extent that contamination is found at that time, the Wisconsin Department of Natural Resources shall be immediately notified and the contamination shall be properly treated or disposed of in accordance with applicable laws.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction inures to the benefit of and is enforceable by the Wisconsin Department of Natural Resources, its successor or assign. The Department, its successor or assign, may initiate proceedings at law or in equity against any person or persons violating or proposing to violate this covenant to prevent the proposed violation or to recover damages for such violation.

Signed by the property owner or owners this 30th day of July, 1996.

By Catherine A. Barrett
Catherine A. Barrett



Subscribed and sworn to before me this 30th day of July, 1996.

Shirley Aho
Notary Public, State of Wisconsin,
My Commission Nov. 2, 1997

681778

OFFICE OF REGISTER OF DEEDS
DOUGLAS COUNTY WISCONSIN

Received for record this

This document was drafted by the Wisconsin Department of Natural Resources.

JUL 30 1996 at 1:15

o'clock P M and recorded
in Volume 608 of
record on page 779
Shirley Aho REGISTER

Catherine Barrett \$10.00pd(cash)
1610 Hammond Ave., Superior, WI

683487

STATE BAR OF WISCONSIN FORM 2 - 1982
WARRANTY DEED

MDL 612 PAGE 470

DOCUMENT NO

OFFICE OF REGISTER OF DEEDS
DOUGLAS COUNTY WISCONSIN

OCT 3 1996 at 8:00

A and recorded

612

470

REGISTER

Catherine A. Barrett, a unmarried widow

conveys and warrants to Philip M. Staurseth and Kerry C. Staurseth, husband and wife as survivorship marital property

the following described real estate in Douglas County,
State of Wisconsin

THIS SPACE RESERVED FOR RECORDING DATA
NAME AND RETURN ADDRESS
Superior Savings Bank \$10.00pd

05-805-00466-00
PARCEL IDENTIFICATION NUMBER

Lots Four (4) and Five (5), Block Two Hundred Seventy Five (275), West Superior, 14th Division, in the City of Superior, Douglas County, Wisconsin.

210.00

This is homestead property
(is) ~~not~~
Exception to warranties

**Easements, restrictions, reservations and covenants of record.
Restrictions set forth in Volume 608, Page 779.**

Dated this 23rd day of September, A.D., 19 96

(SEAL)

Catherine A. Barrett (SEAL)
• **Catherine A. Barrett**

(SEAL)

(SEAL)

AUTHENTICATION

Signature(s) _____

authenticated this _____ day of _____, 19 _____

TITLE MEMBER STATE BAR OF WISCONSIN

(If not, _____
authorized by 8706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Joseph J. Till, III., Attorney
Superior, WI 54880

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

ACKNOWLEDGMENT

State of Wisconsin,

Douglas County } ss

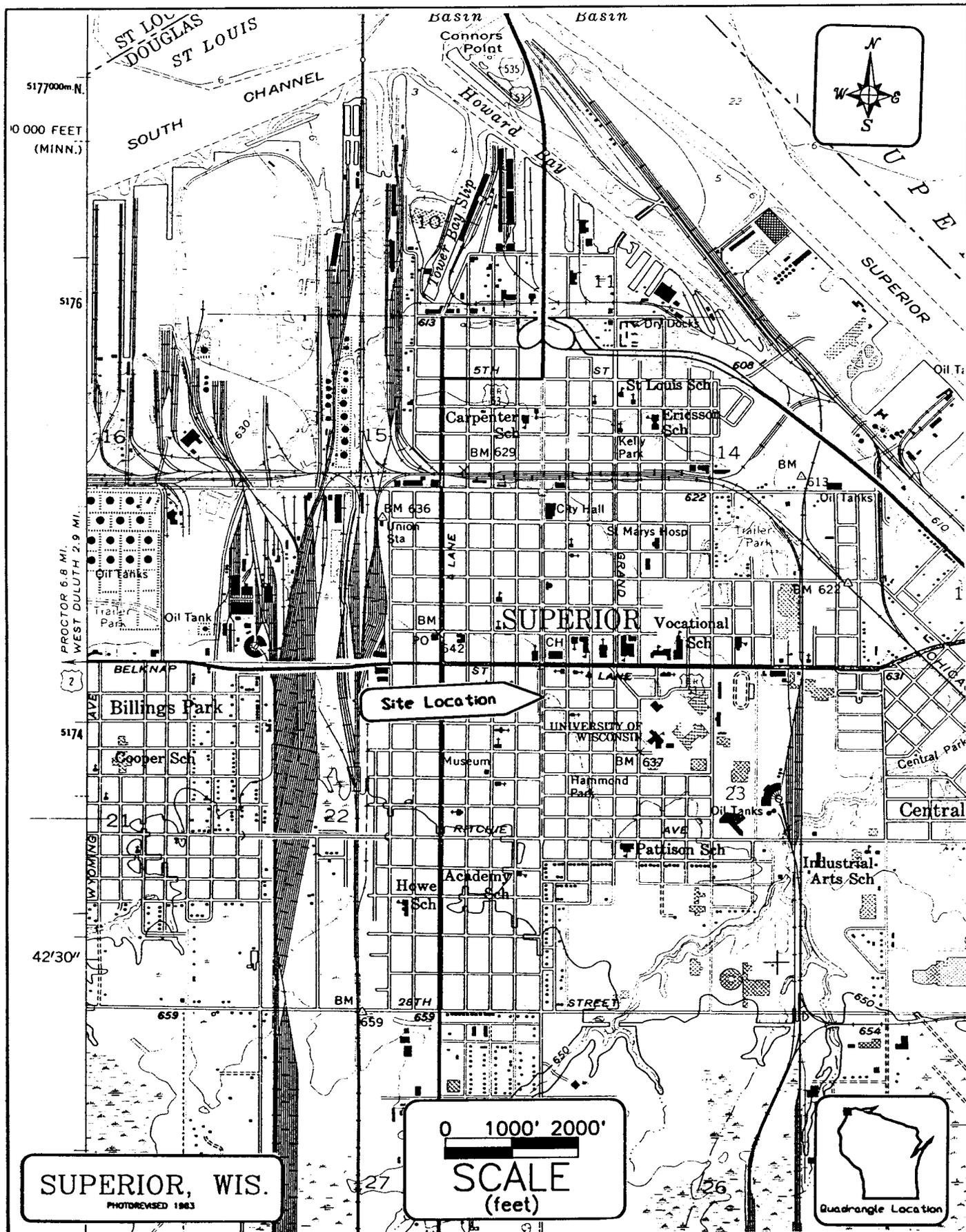
Personally came before me this 23rd day of
September, 19 96, the above named
Catherine A. Barrett, an unmarried widow

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

Lawrence J. Gifford
Notary Public Douglas County, Wis

My commission is permanent (If not, state expiration date
12-8-1996)

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



SUPERIOR, WIS.
PHOTOREVISED 1983

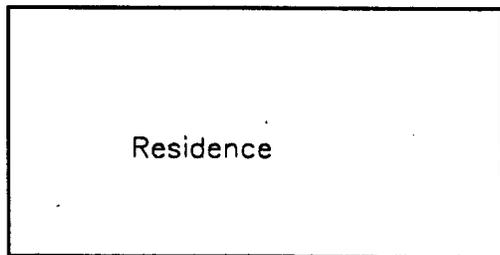
0 1000' 2000'
SCALE
(feet)



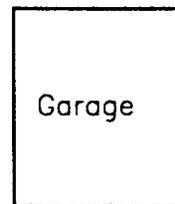
Superior Engineering & Technical Services, Inc.	TITLE: Site Location Map USGS Quadrangle Catherine Barrett, Residence 1610 Hammond Ave. Superior, Wisconsin 54880		REVISED DATE BY	MAP E
	RMH ISET/E95-175		DATE 08/30/95	APPROVED BY TH
	I PLOT 1 - 1		FIGURE # 1	

Hammond Avenue

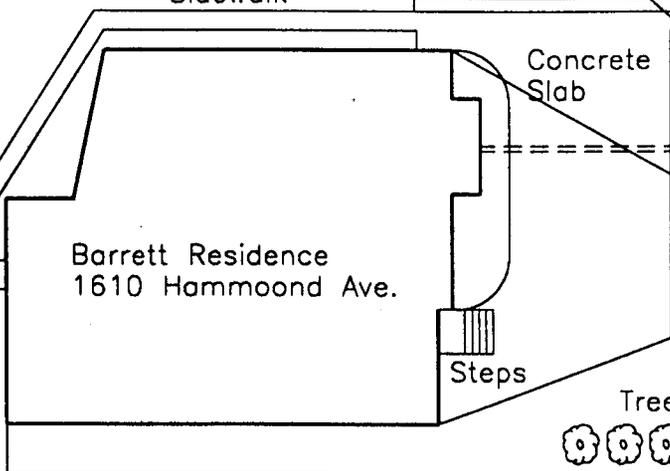
Sidewalk



Residence



Garage



Barrett Residence
1610 Hammond Ave.

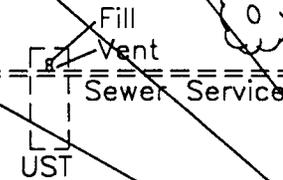
Steps

Concrete
Slab

Trees



Fence

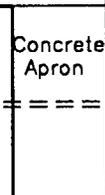


UST

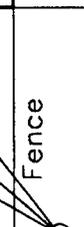
Fill
Vent

Sewer Service

Power Line

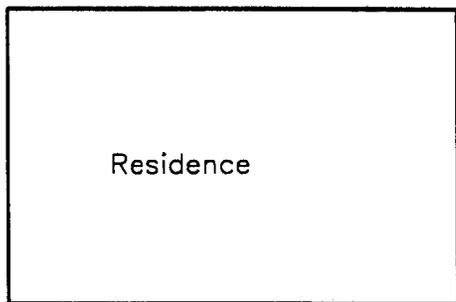


Garage

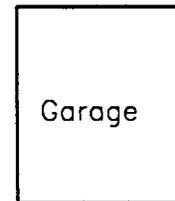


Fence

Power Pole



Residence



Garage



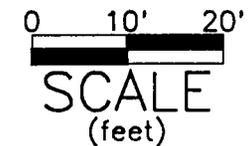
Alley
(asphalt)

Sewer Main

Superior
Engineering &
Technical Services, Inc.

TITLE: Site Map
Catherine Barrett Residence
1610 Hammond Ave.
Superior, Wisconsin 54880
RMH SET# 175 PLOT 1 - 20

REVISED		REV. E
DATE	BY	APPROVED BY
06/06/95		SS
DATE 06/06/95		FIGURE # 2



SCALE
(feet)

LABORATORY ANALYSIS REPORT

Client
 Superior Engineering
 P.O Box 2
 Superior, WI 54880

Project: Barrett, Catherine Residence

Collected By: Richard M. Hoglund
 Delivered By: Richard M. Hoglund

Chem. Lab ID	2844-95LS	2845-95LS	2846-95LS
Sample Type	Soil	Soil	Soil
Collected	06/08/95	06/08/95	06/08/95
Received	06/08/95	06/08/95	06/08/95
Reported	06/26/95	06/26/95	06/26/95
Sample Description	SS-1 E Sewer 8'	SS-2 Stockpile	SS-3 Floor 12.5'

Analysis	Date Analyzed	MDL	2844-95LS	2845-95LS	2846-95LS
MTBE	06/16/95	5.0 ug/kg	ND	ND	ND
Benzene	06/16/95	5.0 ug/kg	ND	ND	ND
Toluene	06/16/95	5.0 ug/kg	ND	210 ug/kg	36 ug/kg
Ethylbenzene	06/16/95	5.0 ug/kg	410 ug/kg	1200 ug/kg	ND
Xylenes, Total	06/16/95	15 ug/kg	960 ug/kg	5000 ug/kg	ND
1,3,5-Trimethylbenzene	06/16/95	5.0 ug/kg	1500 ug/kg	3700 ug/kg	ND
1,2,4-Trimethylbenzene	06/16/95	5.0 ug/kg	6000 ug/kg	16000 ug/kg	ND
Moisture	06/16/95	1.00 %	22.8 %	23.2 %	25.2 %
Diesel Range Organics	06/21/95	5000 ug/kg	895000 ug/kg	1700000 ug/kg	2950 ug/kg

Remarks

MDL ⇒ Method Detection Limit
 ND ⇒ Not Detected at or above MDL



Accurate Environmental Testing 2231 Catlin Avenue #420 ♦ Superior WI 54880

PHONE: (715) 392-5844 ♦ FAX: (715) 394-7414 ♦ (800)TEST-AET

Superior Engineering
1225 Tower Avenue
Superior, WI 54880

Chain of Custody # 95236
Client: Superior Engineering
Project ID: Barrett Residence
Sampler Name: Tim Heren

Collected on	7/27/95	7/27/95	7/27/95	7/27/95	7/27/95	7/27/95
Received on	7/28/95	7/28/95	7/28/95	7/28/95	7/28/95	7/28/95
DRO Preserved on	NA	7/28/95	7/28/95	7/28/95	7/28/95	7/28/95
DRO Extracted on	NA	8/9/95	8/9/95	8/15/95	8/15/95	8/15/95
DRO Analyzed on	NA	8/18/95	8/18/95	8/18/95	8/18/95	8/18/95
PVOC Analyzed on	8/7/95	8/7/95	8/7/95	8/7/95	9/1/95	8/7/95
Sample Description	Trip Blank	SB-1 6'-8'	SB-1 10'-12'	SB-2 10'-12'	SB-3 10'-12'	SB-3 17'-19'
Sample I.D.	NA	SS-12	SS-14	SS-19	SS-22	SS-24
Lab I.D.	95236-01	95236-02	95236-03	95236-04	95236-05	95236-06

Parameter	LOQ	MeOH	SOIL	SOIL	SOIL	SOIL	SOIL
% Moisture	NA	NA	22%	23%	24%	22%	25%
Temperature	NA	on ice	on ice				
Diesel Range Organics	10 mg/kg	NA	< LOQ	< LOQ	< LOQ	350 mg/kg	< LOQ
MTBE	0.025 mg/kg	< LOQ	< LOQ				
Benzene	0.025 mg/kg	< LOQ	< LOQ				
Toluene	0.025 mg/kg	< LOQ	< LOQ				
Ethylbenzene	0.025 mg/kg	< LOQ	< LOQ				
Total Xylenes	0.025 mg/kg	< LOQ	< LOQ				
1,3,5-Trimethylbenzene	0.025 mg/kg	< LOQ	< LOQ				
1,2,4-Trimethylbenzene	0.025 mg/kg	< LOQ	< LOQ				
Surrogate Standard	NA	81%	88%	88%	87%	87%	82%
Comments	none	none	none	none	none	A1	none

LOQ indicates that the limit of quantitation was not met in analysis.

NA implies that this parameter was not analyzed or not applicable to test run

A1 This result is reported with a duplicate spike outside the WI DNR QC limit of 70-120%. AET duplicate spike was 63%.

Filled out by: Cynthia Coats Date: 9-8-95

Reviewed by: Dawn Peterson Date: 9-8-95

The following tests were performed according to the WI DRN specification listed in ch. NR 149 of the WI Adm. Code. WI DNR Certification # 816079330



Accurate Environmental Testing 2231 Catlin Avenue #420 ♦ Superior WI 54880

PHONE: (715) 392-5844 ♦ FAX: (715) 394-7414 ♦ (800)TEST-AET

Superior Engineering
1225 Tower Avenue
Superior, WI 54880

Chain of Custody # 95236
Client: Superior Engineering
Project ID: Barrett Residence
Sampler Name: Tim Heren

Collected on	7/27/95	7/27/95	NA	NA	NA	NA
Received on	7/28/95	7/28/95	NA	NA	NA	NA
DRO Preserved on	7/28/95	7/28/95	NA	NA	8/9/95	8/9/95
DRO Extracted on	8/15/95	8/15/95	NA	NA	8/17/95	8/17/95
DRO Analyzed on	8/18/95	8/18/95	NA	NA	8/17/95	8/18/95
PVOC Analyzed on	8/7/95	8/7/95	8/7/95	8/8/95	NA	NA
Sample Description	SB-4 7-8'	SB-5 7-8'	Duplicate Spike	Duplicate Spike	Duplicate Spike	Duplicate Spike
Sample I.D.	SS-26	SS-30	NA	NA	NA	NA
Lab I.D.	95236-07	95236-08	9548-03	9548-04	195DQC	196DQC

Parameter	LOQ	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
% Moisture	NA	27%	29%	NA	NA	NA	NA
Temperature	NA	on ice	on ice	NA	NA	NA	NA
Diesel Range Organics	10 mg/kg	< LOQ	< LOQ	NA	NA	83%	90%
MTBE	0.025 mg/kg	< LOQ	< LOQ	98%	78%	NA	NA
Benzene	0.025 mg/kg	< LOQ	< LOQ	85%	81%	NA	NA
Toluene	0.025 mg/kg	< LOQ	< LOQ	88%	85%	NA	NA
Ethylbenzene	0.025 mg/kg	< LOQ	< LOQ	90%	86%	NA	NA
Total Xylenes	0.025 mg/kg	< LOQ	< LOQ	92%	88%	NA	NA
1,3,5-Trimethylbenzene	0.025 mg/kg	< LOQ	< LOQ	92%	88%	NA	NA
1,2,4-Trimethylbenzene	0.025 mg/kg	< LOQ	< LOQ	91%	88%	NA	NA
Surrogate Standard	NA	83%	84%	91%	85%	NA	NA
Comments	none	none	none	none	A2	none	none

LOQ indicates that the limit of quantitation was not met in analysis.

NA implies that this parameter was not analyzed or not applicable to test run

A2 MTBE fell just outside QC limits on second duplicate spike.

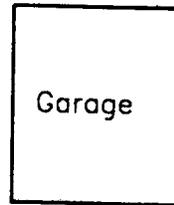
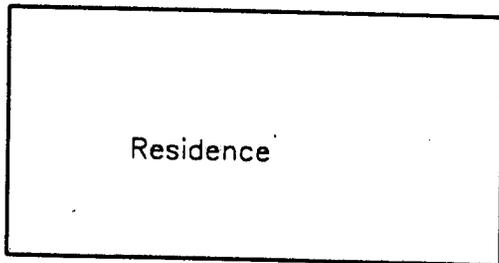
Filled out by: Cynthia Corry Date: 9-8-95

Reviewed by: Dawn Peterson Date: 9-8-95

The following tests were performed according to the WI DRN specification listed in ch. NR 149 of the WI Adm. Code. WI DNR Certification # 816079330

Hammond Avenue

Sidewalk

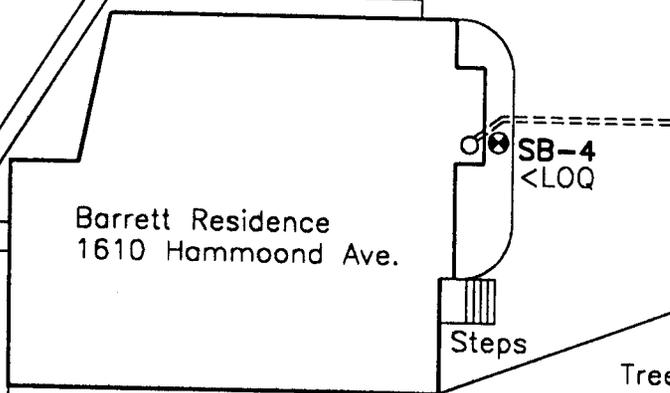


Residence

Garage

Sidewalk

Fence



Barrett Residence
1610 Hammond Ave.

Steps

SB-1
<LOQ

SB-4
<LOQ

SB-3
350ppm

SB-2
Garage

Concrete Apron

SB-5
<LOQ

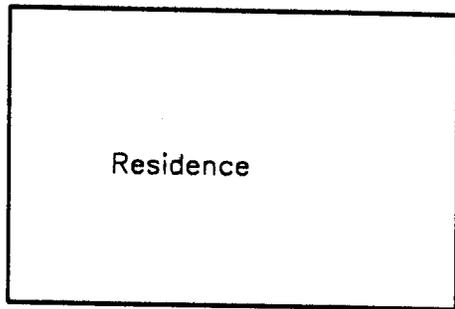
Trees

Fence

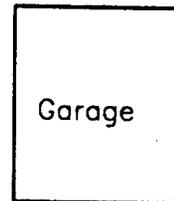


Fence

Power Pole



Residence



Garage

Sewer Main
Alley (asphalt)

⊗ - Boring Location 350ppm = DRO Analytical Results

Superior
Engineering &
Technical Services, Inc.

TITLE: Site Map with Boring Locations
Catherine Barrett Residence
1610 Hammond Ave.
Superior, Wisconsin 54880

REVISED		DEPT. E
DATE	BY	
		APPROVED TH
DATE	FIGURE #	
09/15/95	4	

0 10' 20'
SCALE
(feet)

RMH SET# 175 PLOT 1 - 20



Fence

Concrete Slab

Excavation Depth
8'
12.5'

Sewer Service

Feed Line

Excavation Limits

Concrete Apron

Garage

Former 1,000 Gal. Fuel Oil UST

Clean Stockpile

Barrett Residence
1610 Hammond Ave.

Steps

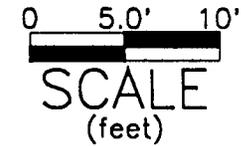
Trees

Sewer Main

Alley
(asphalt)

Fence

Fence



Superior Engineering & Technical Services, Inc.	TITLE: Soil Vapor Headspace Locations Catherine Barrett Residence 1610 Hammond Ave. Superior, Wisconsin 54880		REVISED	REV. E
	DATE	BY	DATE	BY
	DATE	BY	DATE	BY
	DATE	BY	DATE	BY
RMH	SET# 175	PLOT 1 - 10	06/06/95	FIGURE # 3



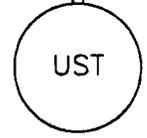
Basement

Garage

Concrete
Slab

Fill
Pipe

Ground Elevation



UST

Excavation
Limits

Sewer Service

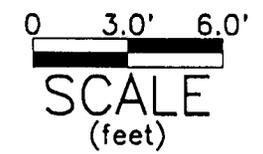
SV-12
SS-1
DRO = 895ppm

SS-3 SV-7d
DRO = 2.95ppm

- - Laboratory Soil Sample Location
- - Soil Vapor Sample Location
- ppm - Parts Per Million

PID Readings
 SV-7d 12.5' depth clay 107ppm
 SV-12 7.5' depth clay/sand 203ppm

South Looking North



Superior Engineering & Technical Services, Inc.	TITLE: Laboratory Analytical Soil Sample Locations Cross Section 1610 Hammond Ave. Superior, Wisconsin 54880		REVISED		DEPT. E	
			DATE	BY	APPROVED BY SS	
			DATE 08/30/95	FIGURE #5		
	DRAWN BY RMH	SET # 175	PLOT 1 - 10			