GIS REGISTRY
Cover Sheet

July, 2008
(RR 5367)

Source Property Information

CLOSURE DATE: 08/20/2003

BRRTS #: **03-07-000727**

FID #: 807068680

ACTIVITY NAME: SOUTHSIDE AUTO REPAIR

DATCP #: NA

PROPERTY ADDRESS: 23750 HWY 35 S

COMM #: 54872018269

MUNICIPALITY: SIREN

PARCEL ID #: 181-2300-57 900

***WTM COORDINATES:**

X: **334872** Y: **591884**

** Coordinates are in WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

- (●) Approximate Center Of Contaminant Source
- ( ) Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

- [x] Groundwater Contamination > ES *(236)*
  - [x] Contamination in ROW
  - [ ] Off-Source Contamination

  *(**note:** for list of off-source properties see "Impacted Off-Source Property")*

- [ ] Soil Contamination > *RCL or **SSRCL *(232)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  *(**note:** for list of off-source properties see "Impacted Off-Source Property")*

Land Use Controls:

- [ ] Soil: maintain industrial zoning *(220)*

  *(**note:** soil contamination concentrations between residential and industrial levels)*
- [ ] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [ ] Cover or Barrier *(222)*

  *(**note:** maintenance plan for groundwater or direct contact)*
- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*

  *(**note:** local government or economic development corporation)*

Monitoring wells properly abandoned? *(234)*

(●) Yes ( ) No ( ) N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

GIS REGISTRY INFORMATION

SITE NAME:	**SOUTHSIDE AUTO REPAIR**
BRRTS #:	**03-07-000727** — **FID # (**if appropriate**): 807068680**
COMMERCE # (if appropriate**):**	**54872018269**
CLOSURE DATE:	**08/20/2003**
STREET ADDRESS:	**23750 HWY 35 S**
CITY:	**SIREN**
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection)**:**	**X= 334872** **Y= 591884**
CONTAMINATED MEDIA:	Groundwater [X] Soil [ ] Both [ ]
OFF-SOURCE GW CONTAMINATION >ES:	[ ] **Yes** [X] **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** [X] **No**
IF YES, STREET ADDRESS 1:	
GPS COORDINATES (meters in WTM91 projection)**:**	**X=** **Y=**
CONTAMINATION IN RIGHT OF WAY:	[X] **Yes** [ ] **No**

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter or denial letter issued	X
Copy of any maintenance plan referenced in the final closure letter.	NA
Copy of (soil or land use) deed notice *if any required as a condition of closure*	NA
Copy of most recent deed, including legal description, for all affected properties	X
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 **PIN: 181-2300-57 900**	X
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.	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) 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.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	NA
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.**	X
GW: Table of water level elevations, with sampling dates, and free product noted if present	X
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	X
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	NA
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy**)**	X
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	NA
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	X

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
Telephone 715-365-8900
FAX 715-365-8932
TDD 715-365-8957

August 21, 2003

Mr. Scott Thomas
South Side Auto Repair
23750 STH 35
Siren, WI 54872

SUBJECT: Final Case Closure By Closure Committee
Southside Auto Repair, 23750 STH 35, Siren, WI
WDNR BRRTS #: 03-07-000727
PECFA # 54872-0182-69

Dear Mr. Thomas:

On July 2, 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 July 17, 2003, you were notified that the Closure Committee had granted conditional closure to this case.

On August 20, 2003, the Department received correspondence indicating that you have complied with the conditions of closure, specifically, documentation of the abandonment of the monitoring wells onsite. 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
Remediation and Redevelopment Program

cc: File

Shan Moquin
Northern Environmental
330 S 4th Ave
Park Falls, WI 54552

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

July 17, 2003

Mr. Scott Thomas
South Side Auto Repair
23750 STH 35
Siren, WI 54872

Subject: Conditional Case Closure With NR 140 Exemption
Southside Auto Repair, 23750 STH 35, Siren, WI
WDNR BRRTS # 03-07-000727
PECFA# 54872-0182-69

Dear Mr. Thomas:

On July 2, 2003, your request for closure of the case described above was reviewed by the Regional 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 unleaded gasoline contamination on the site from 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 must be submitted to me on Form 3300-5B found at www.dnr.state.wi.us/org/water/dgw/gw/ or provided by the Department of Natural Resources.

When the above conditions have been satisfied, please submit a letter to let me know that applicable conditions have been met, and your case will be closed. 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.

Recent groundwater monitoring data at this site indicates exceedances of the NR 140 preventive action limit (PAL) for benzene at Geoprobe® # GP1100, but compliance with the NR 140 enforcement standard. GP1100 is located on the property to the north that is owned by Richard Matz. The Department may grant an exemption to a PAL for a substance of public health concern, other than nitrate, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, if all of the following criteria are met:

1. The measured or anticipated increase in the concentration of the substance will be minimized to the extent technically and economically feasible.

2. Compliance with the PAL is either not technically or economically feasible.

3. The enforcement standard for the substance will not be attained or exceeded at the point of standards application.

4. Any existing or projected increase in the concentration of the substance above the background concentration does not present a threat to public health or welfare.

Based on the information you provided, the Department believes that the above criteria have been or will be met. Therefore, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, an exemption to the PAL is granted for benzene at Geoprobe® # GP1100. This letter serves as your exemption.

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 & Redevelopment Program

cc: File
John Sager, Antigo
Bill Phelps, DG/2

Shan Moquin
Northern Environmental
330 S 4th Ave
Park Falls, WI 54552

Richard Matz
23758 STH 35
Siren, WI 54872

302391

DOCUMENT NO. .

STATE BAR OF WISCONSIN FORM 1 – 1982
WARRANTY DEED

VOL 561 PAGE 151

BURNETT COUNTY
WISCONSIN
RECEIVED AND RECORDED

AUG 1 6 1996

AT 1:20 O'CLOCK PM
VOL. 561 PAGE 151
Elaine K Olson
REGISTER OF DEEDS

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS

BENSON LAW OFFICE

181-2300-57 900
PARCEL IDENTIFICATION NUMBER

This Deed, made between Bill N. Johnston, Grantor, and Southside Auto Repair, Inc., a Wisconsin corporation, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration of Ten Dollars and other good and valuable consideration conveys to Grantee the following described real estate in Burnett County, State of Wisconsin:

Lot Two (2), Certified Survey Map, Volume 12, pages 75, 76 and 77, as recorded in the office of the Register of Deeds for Burnett County, Wisconsin. Said land being located in the Northeast Quarter of the Southwest Quarter (NE¼ SW¼), Section Seventeen (17), Township Thirty-eight (38) North, Range Sixteen (16) West, Burnett County, Wisconsin.

TRANSFER
$ 36.00
FEE

This is not homestead property.
(Is not)

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And Bill N. Johnston warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except subject to existing highways and subject to easements and restrictions of record

and will warrant and defend the same.

Dated this 15th day of August, 19 96.

Bill N Johnston (SEAL)
• Bill N. Johnston
(SEAL)
•

(SEAL)
•
(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
GEORGE W. BENSON, Attorney at Law
P.O. Box 370, Siren, WI 54872
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin, } ss.
Burnett County

Personally came before me this 15th day of August, 19 96, the above named Bill N. Johnston

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

George W. Benson
• George W. Benson
Notary Public, Burnett County, Wis.
My commission is permanent. (If not, state expiration date: , 19 .)

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

Parcel I.D. #T812300579 00

NORTH COUNTRY SURVEYING
Douglas R. Crane, R.L.S.
Route 1, Box 70
Siren, Wisconsin 54872
(715) 349-5957

BURNETT COUNTY CERTIFIED SURVEY MAP 2134

SURVEYOR'S CERTIFICATE:

I, Douglas R. Crane, a Wisconsin Registered Land Surveyor, do hereby certify that, at the direction of John Bytnar and Gene Radke, president of Radke Sales, Inc., I have surveyed, mapped, and described the parcel of land which is represented by this Certified Survey Map;

that the exterior boundaries of said parcel surveyed and mapped are described as follows:

A parcel of land located in Northeast Quarter of the Southwest Quarter, Section 17, Township 38 North, Range 16 West of the Fourth Principal Meridian, Village of Siren, County of Burnett, State of Wisconsin, more specifically described as follows:

Commencing at the Southwest Corner of Section 17; thence N01°39'02"E, 1320.72 feet; thence N89°56'15"E, 1369.91 feet; thence N01°13'50°E, 357.52 feet to the Point of Beginning;
thence N01°10'29"E, 393.36 feet;
thence S88°44'52"E, 160.05 feet;
thence N01°10'29"E, 39.42 feet;
thence S88°45'54"E, 167.82 feet;
thence S00°20'42"W, 426.10 feet;
thence N89°54'39"W, 334.10 feet to the Point of Beginning;

that to the best of my knowledge and belief this Certified Survey Map is a correct representation of the exterior boundaries of the parcel surveyed and described;

that I have fully complied with the applicable provisions of Chapter 236 of the Wisconsin Statutes and the Siren Subdivision Ordinance in surveying and mapping the same.

Douglas R. Crane

Douglas R. Crane, R.L.S. #1511

July 6, 1988

WISCONSIN
DOUGLAS R. CRANE
S-1511
SIREN
WISC.
LAND SURVEYOR

VILLAGE OF SIREN APPROVAL

Resolved, that the Certified Survey Map of which this is a part, which has been duly filed for approval of the Village Board of the Village of Siren, Burnett County, Wisconsin, is hereby approved.

I hereby certify that the above is a true and correct copy of a resolution adopted by the Village Board of the Village of Siren on the 7th day of July, 1988.

256712
BURNETT COUNTY
WISCONSIN
RECEIVED AND RECORDED
SEP 6 1988
AT 1:45 O'CLOCK PM
VOL 12 PAGE 77
Elaine R Olson
REGISTER OF DEEDS

Doris Kosloski

Doris Kosloski,
Village Clerk of Siren

#77

NORTH COUNTRY SURVEYING
Douglas R. Crane, R.L.S.
Route 1, Box 70
Siren, Wisconsin 54872
(715) 349-5957

BURNETT COUNTY CERTIFIED SURVEY MAP 2137

SURVEYOR'S NOTES:

1.) Lot 2 of the map hereon contains the parcel described in Volume 338, page 82. The Village of Siren requested that this lot be included in this survey. Gene Radke, the previous owner of this lot, indicated that a survey of this lot was made by surveyor Fred Evert. The 1 inch iron pipe monument found marking the northwest corner of this lot was found to be N89°42'20"W, 0.11 feet from the true corner which was not monumented. The north line of this parcel has been accepted as monumented for this survey. The 10 foot wide easement along the north line is to be granted from Radke Sales, Inc. to Lot 2 for ingress and egress only.

2.) The south line of the parcel discussed above was found to go through the shed shown on the map. I was directed to adjust this line and the deed adjustments will be made later to conform with this map. A 1 inch iron pipe moument marking the former lot corner is located N03°36'31"W, 3.50 feet from the Southeast corner of Lot 2.

3.) The small parcel east of Lot 2, CSM, Volume 6, Pages 343-344 is intended to be deeded to the owner of Lot 2, CSM, V.6, p.343 by metes and bounds description. The easement described in Warranty Deed, Volume 343, page 270, providing access to Lot 2, CSM, V.6, p.343, is described to coincide with the north line of a shed. The easement shown hereon is the same easement, but is described by distance and bearing as shown. In addition, it is intended to extend east as shown on the map.

4.) The street right-of-ways for Rasmussen St. and Third Ave. were accepted as staked and shown on a plat of survey titled "Survey & Subdivsion of NE¼ SW¼ Sec. 17-38-16" by surveyor Raymond Buggert dated December 13, 1967 and filed as BD-138 and BD-139 in the Burnett County Office of Land Records. The west line of the NE¼-SW¼ has also been accepted as monumented on this plat of survey. From examination of the 1929 highway right-of-way plat, it appears that when the road was changed and the highway right-of-way was purchased, the highway department thought that the centerline of the highway coincided with the west line of the NE¼-SW¼. The plat of survey by Buggert clearly shows that there is a wedge of land in the NW¼-SW¼ that lies east of the highway right-of-way.

5.) The 20 foot wide easement along the West line of Lot 4 is intended to be used for ingress and egress for all Lots on this survey, Lot 2, CSM, V.6, p.343, and Lot 2, CSM, V.4, p.227.

Douglas R. Crane

Douglas R. Crane, R.L.S. #1511

July 6, 1988

WISCONSIN DOUGLAS R. CRANE S-1511 SIREN WISC. LAND SURVEYOR

256712
BURNETT COUNTY
WISCONSIN
RECEIVED AND RECORDED

SEP 6 1988

AT 1:45 O'CLOCK PM
VOL 12 PAGE 76
Elaine K Olson
REGISTER OF DEEDS

#76

NORTH COUNTRY SURVEYING
Douglas R. Crane, R.L.S.
Route 1, Box 70
Siren, Wisconsin 54872
(715) 349-5957

256712

BURNETT COUNTY
WISCONSIN
RECEIVED AND RECORDED

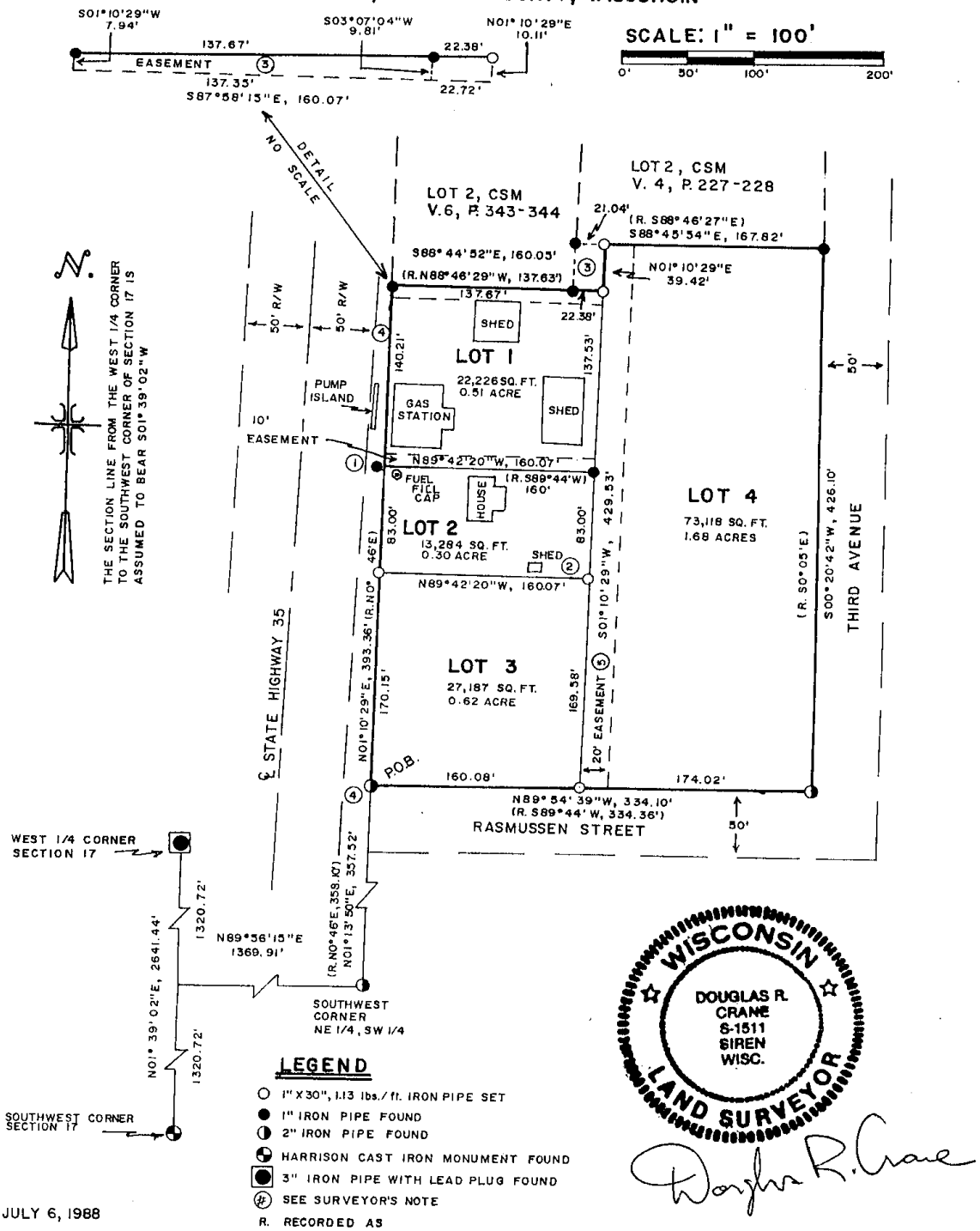
SEP 6 1988

AT 1:45 O'CLOCK PM
VOL 12 PAGE 75
Eleanor K Olson
REGISTER OF DEEDS

see CSM V18-P54-55 7-29, 2001

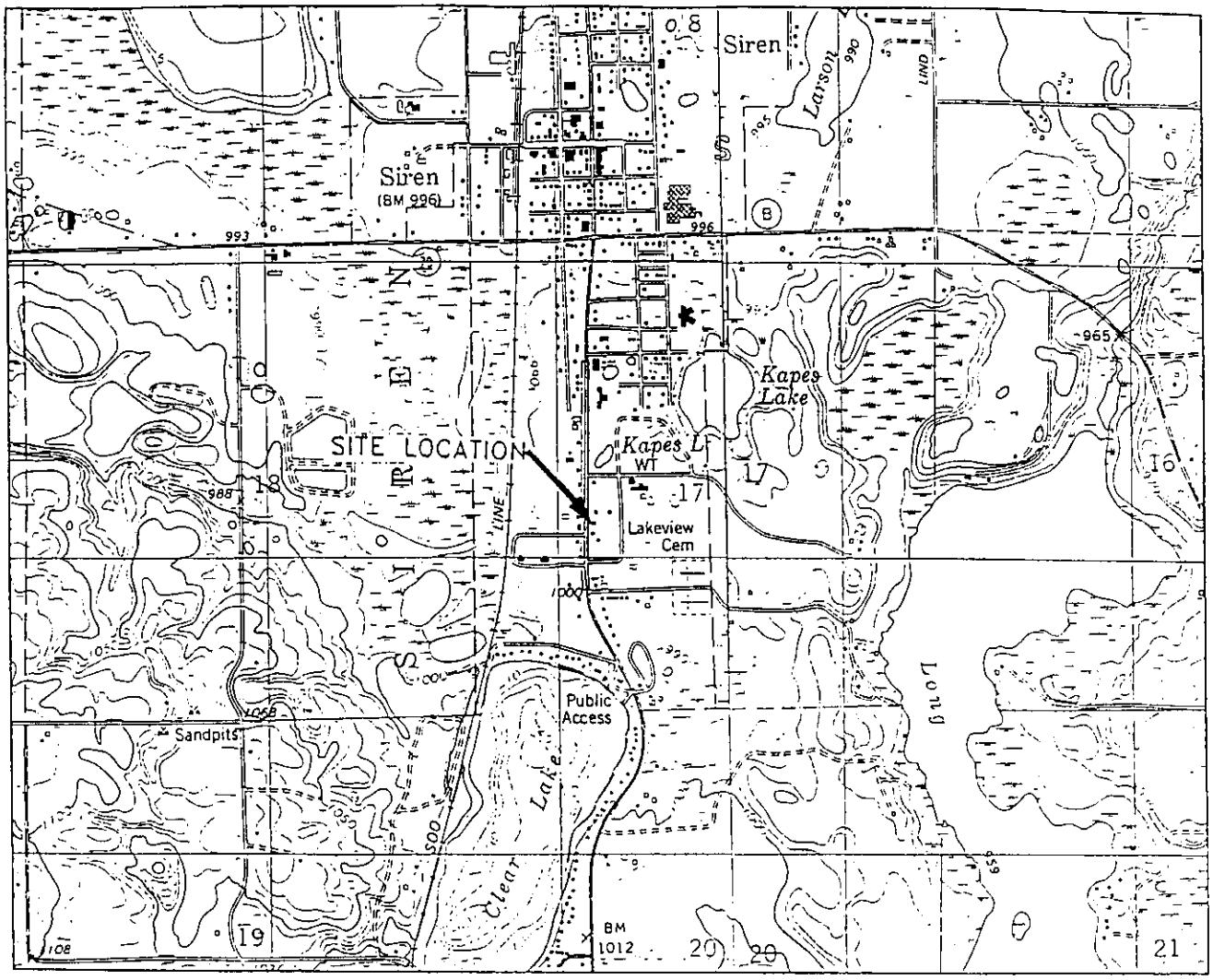
BURNETT COUNTY CERTIFIED SURVEY MAP

PART OF THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4, SECTION 17, TOWNSHIP 38 NORTH, RANGE 16 WEST, VILLAGE OF SIREN, BURNETT COUNTY, WISCONSIN



JULY 6, 1988

75



SCALE 1" = 2000'

0 1000 2000 3000 4000 5000 6000 7000 8000

CONTOUR INTERVAL 10 FEET

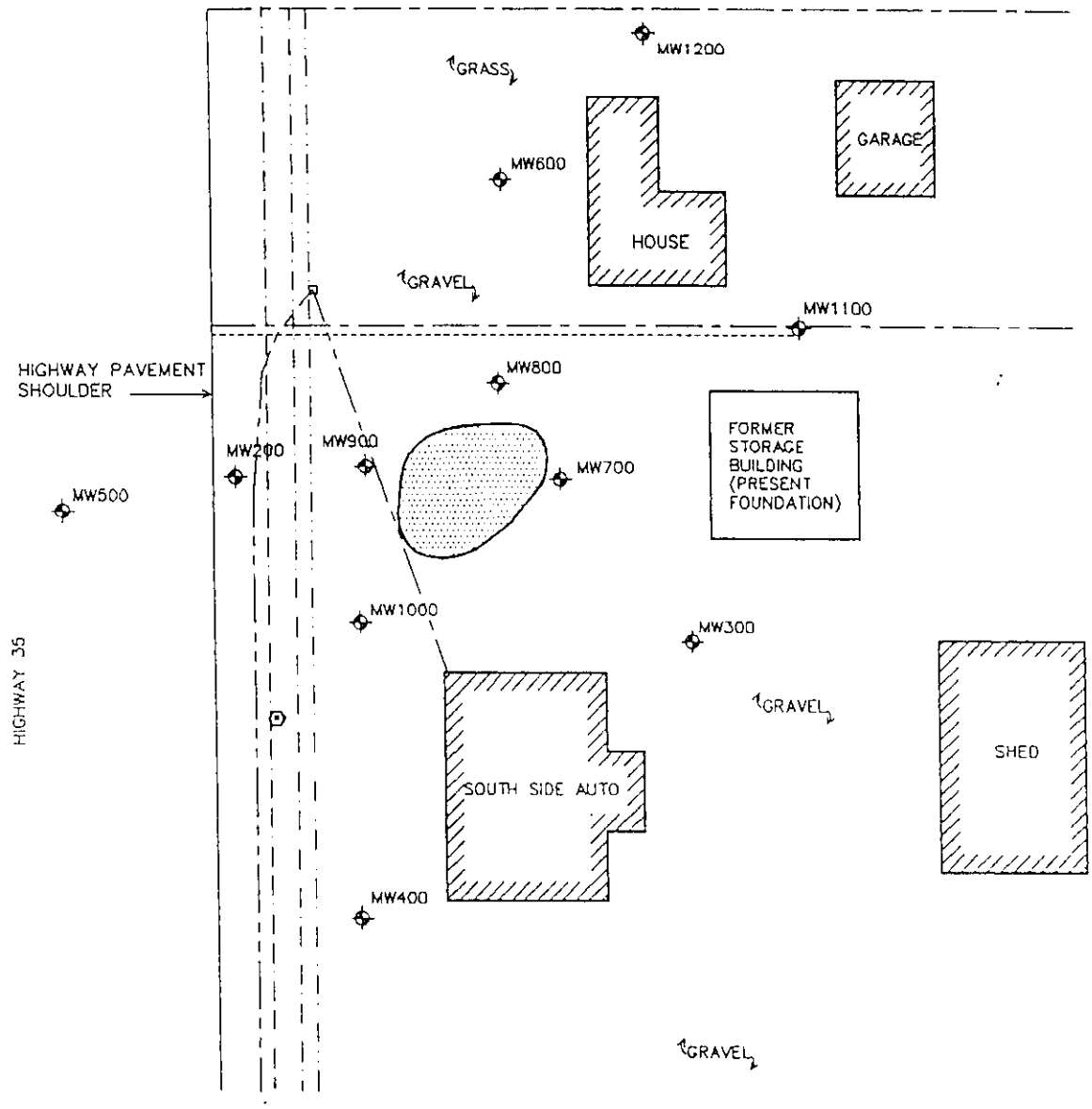
NATIONAL GEODETIC VERTICAL DATUM OF 1929

QUADRANGLE LOCATION

BASE MAP SOURCE: USGS SIREN WEST, WISCONSIN 7.5 MINUTE QUADRANGLE

DRAWN BY: AJP	PROJECT: SSA430040	DATE: 5/21/96	FIGURE 1 SITE LOCATION AND LOCAL TOPOGRAPHY SOUTH SIDE AUTO SIREN, WISCONSIN
REVISION DATE:	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND		
	Northern Environmental *Hydrologists • Engineers • Geologists*		FOR: SCOTT THOMAS

P:\1990\430040\auto040\1000



N

LEGEND

- WATER PIPE LOCATION
- UNDERGROUND PHONE LINE LOCATION
- PROPERTY LINE LOCATION
- OVERHEAD POWER LINE LOCATION
- UNDERGROUND GAS LINE LOCATION
- UNDERGROUND SEWER LOCATION
- MW300 MONITORING WELL LOCATIONS
- FIRE HYDRANT LOCATION
- PHONE BOX LOCATION
- EXTENT OF EXCAVATION

SCALE
1" = 40'
0 20 40

DRAWN BY: BJF	PROJECT: SSA430040	DATE: 1/6/97	FIGURE 4 EXTENT OF SOURCE SOIL EXCAVATION SOUTH SIDE AUTO REPAIR SIREN, WISCONSIN
REVISION DATE: 2/27/97	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND		
	Northern Environmental *Hydrologists · Engineers · Geologists*		FOR: SCOTT THOMAS

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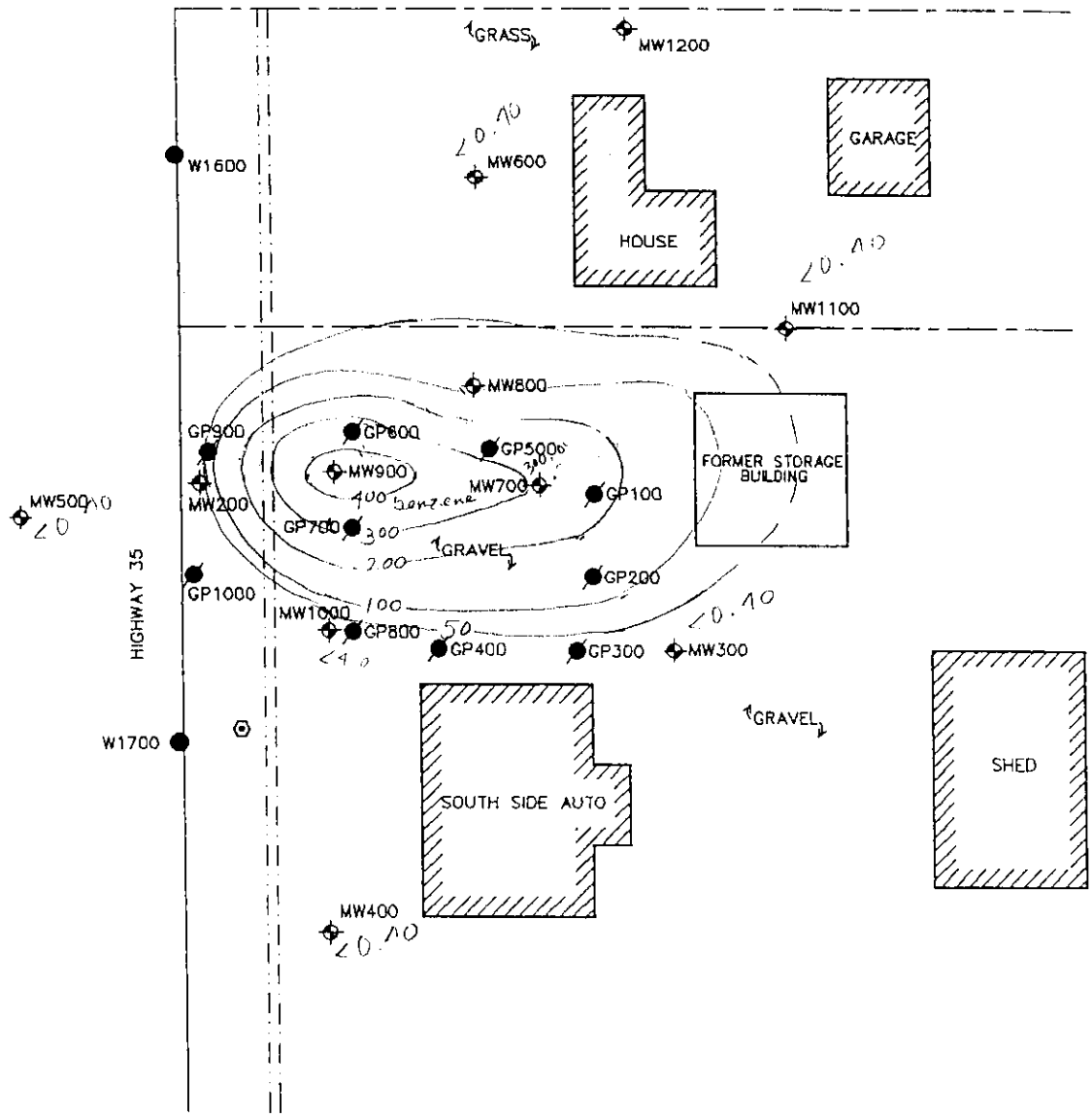


LEGEND

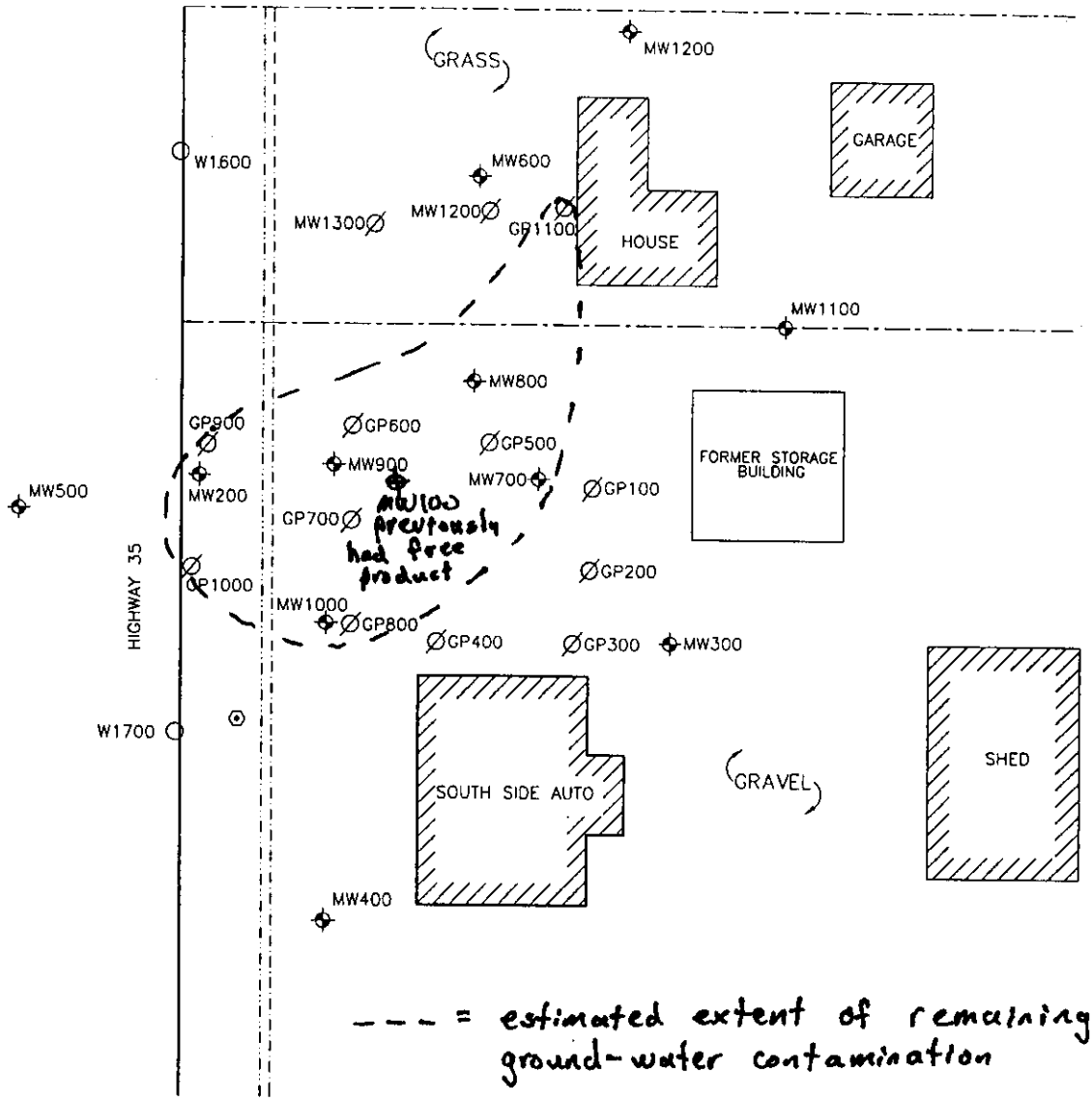
MW300	MONITORING WELL LOCATIONS
W1700	WATER SAMPLE LOCATION (GEOPROBE)
GP100	GEOPROBE SOIL BORING LOCATION
	FIRE HYDRANT LOCATION
	PROPERTY LINE LOCATION
	OVERHEAD POWER LINE LOCATION
	UNDERGROUND GAS LINE LOCATION

N

SCALE
1" = 40'
0 20 40

DRAWN BY: BJF	PROJ: SSA04-1408-0040	DATE: 6/25/95
REVISION DATE: 12/31/96 6/4/02	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND	FIGURE 2 SITE LAYOUT, MONITORING WELL, AND SVE/AS SYSTEM LOCATIONS SOUTH SIDE AUTO SIREN, WISCONSIN
	Northern Environmental *Hydrologists · Engineers · Geologists*	FOR: SCOTT THOMAS

S:\PROJ\SSA\430040\AUTO040\MW-LOC



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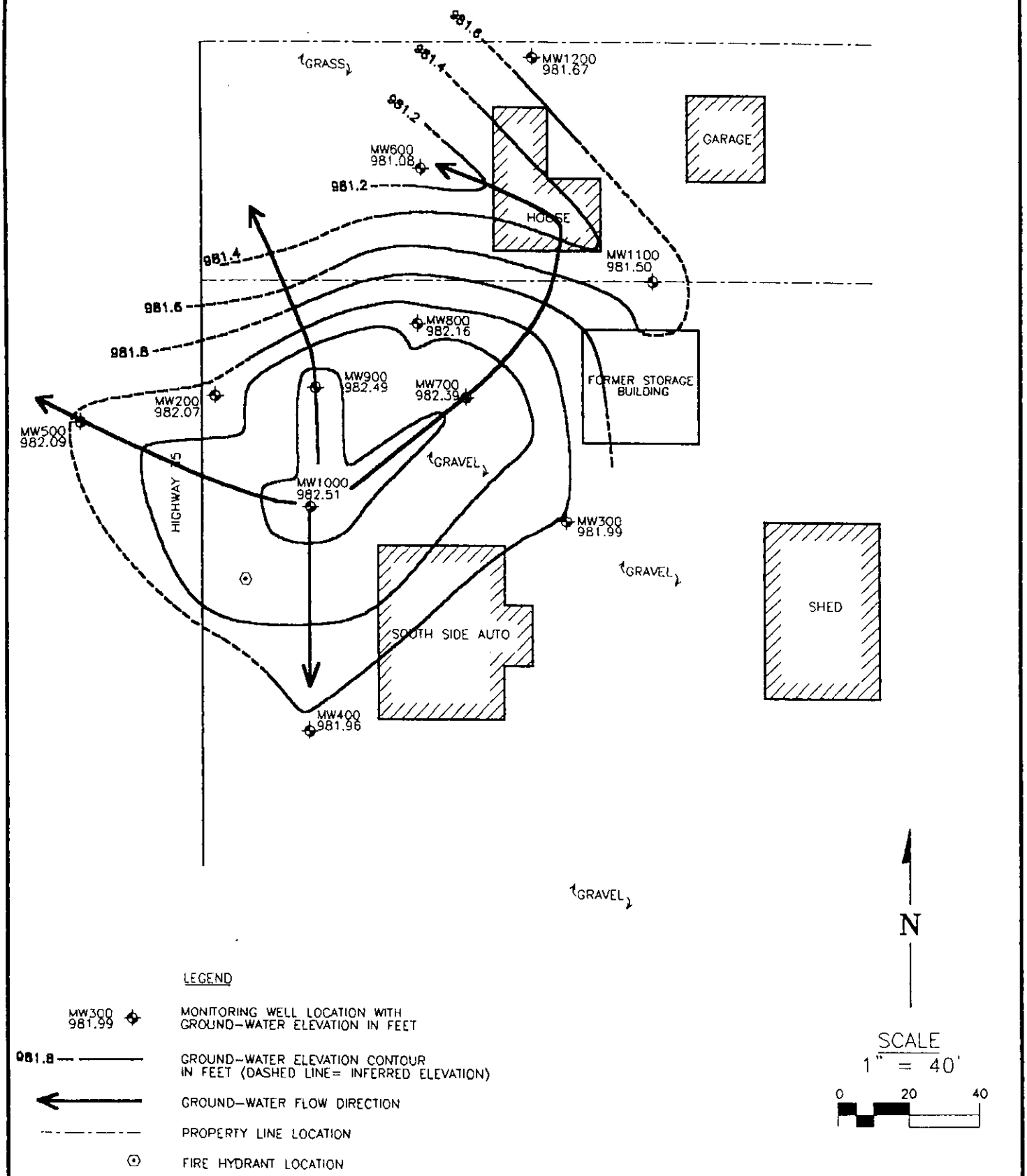
LEGEND

MW300	MONITORING WELL LOCATIONS
W1700	WATER SAMPLE LOCATION (GEOPROBE)
GP100	GEOPROBE SOIL BORING LOCATION
	FIRE HYDRANT LOCATION
	PROPERTY LINE LOCATION
	OVERHEAD POWER LINE LOCATION
	UNDERGROUND GAS LINE LOCATION

SCALE
1" = 40'
0 20 40

DRAWN BY: BJF	PROJ: SSA04-1408-0040	DATE: 6/25/95
REVISION DATE: 1/30/03	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND	FIGURE 2 SOIL BORING/MONITORING WELL LOCATIONS SOUTH SIDE AUTO SIREN, WISCONSIN
	▲ Northern Environmental *Hydrologists · Engineers · Geologists*	FOR: SCOTT THOMAS

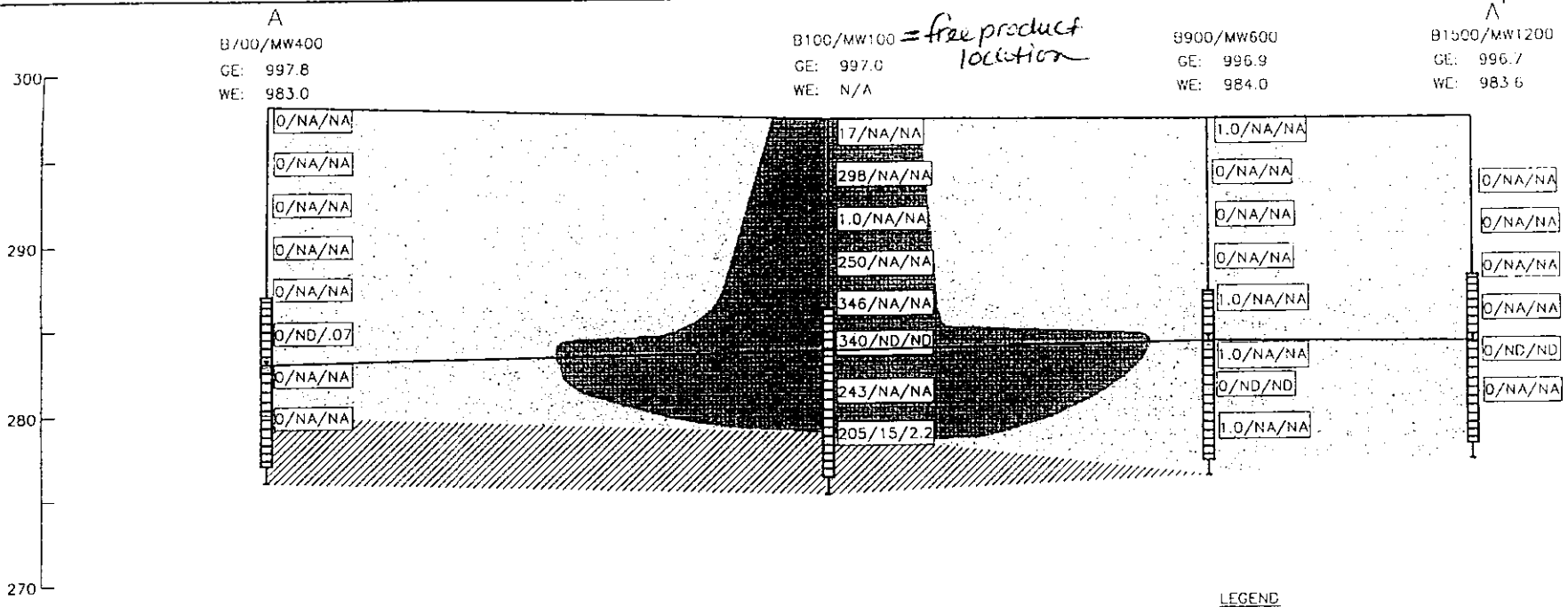
S:\PROJ\SSA\430040\CAD040\sbmwloc.dwg, Model, 1/30/2003 4:29:02 PM



DRAWN BY: BJF	PROJECT: SSA04-1408-0040	DATE: 7/17/02	FIGURE 3 GROUND-WATER ELEVATION MAP (3/30/00)
REV. DATE	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.		SOUTH SIDE AUTO SIREN, WISCONSIN SCOTT THOMAS
	Northern Environmental℠ *Hydrologists • Engineers • Geologists*		

N:\HHJJ\95A\04-0040\CAD\GWFLOW

Pre-Remedial Geologic Cross Section



LEGEND

0/NA/ND — PID/GRO/BENZENE RESULT
- –PID = PHOTOIONIZATION DETECTOR READING MEASURED IN INSTRUMENT UNITS AS ISOBUTYLENE (iu)
- –GRO = GASOLINE RANGE ORGANICS MEASURED IN MILLIGRAMS PER KILOGRAM (mg/kg)
- –BENZENE = MEASURED IN MILLIGRAMS PER KILOGRAM (mg/kg)
- –NA = NOT ANALYZED
- –ND = NOT DETECTED

▽ — WATER TABLE ELEVATION
GE — GROUND ELEVATION (IN FEET)
WE — WATER ELEVATION (IN FEET)
N/A — NOT APPLICABLE (FREE PRODUCT PRESENT IN WELL)

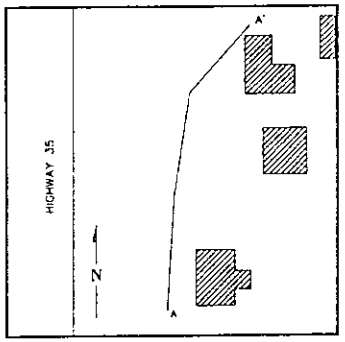
WELL SCREEN

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION

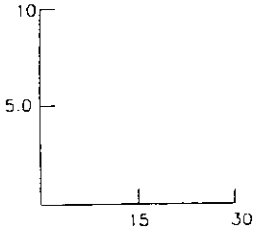
CL–INORGANIC CLAYS

SW–WELL GRADED SANDS

CROSS-SECTION KEY



SCALE IN FEET



NOTE:
- WATER MEASUREMENTS TAKEN 6/12/95
- ELEVATIONS REFERENCED TO MEAN SEA LEVEL
- COLUMN WIDTHS ARE NOT TO SCALE

DRAWN BY: AJP	PROJECT: SSA430002	DATE: 8/17/95
REVISION DATE:	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND	
	▲ Northern Environmental *Hydrologists · Engineers · Geologists*	

FIGURE 5
GEOLOGIC CROSS-SECTION A–A'
SOUTH SIDE AUTO
SIREN, WISCONSIN

FOR: SCOTT THOMAS

s:\neti\proj\ssa\430002\xsect

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	MW200																												MW200 Duplicate	
Date Sampled			12/28/94	08/08/95	02/20/96	06/06/96	09/04/96	12/12/96	06/18/97	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	06/23/99	09/22/99	12/29/99	03/30/00	05/31/00	07/10/00	10/09/00	01/03/01	04/19/01	07/19/01	11/29/01	11/21/02	02/04/03	12/28/94	09/04/96
GRO	NE	NE	84,000	—	38,000	24,000	21,000	2,300	8,800	5,100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	83,000	24,000
Lead	1.5	15	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VOCs Detected																																
Benzene	0.5	5	6,700	540	250	190	150	6.3	8.5	4.1 "J"	250	26 "J"	39"J"	100"J"	<64	73	<32	<16	<16	<20	<500	<25	<200	<400	67	5.8*	<80	<2.2	<4.5	6,500	170
n-Butylbenzene	NE	NE	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ND	—
Chloromethane	NE	NE	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ND	—
1,4-Dichlorobenzene	15	75	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ND	—
Ethylbenzene	140	700	3,200	1,600	1,400	880	930	42	410	240	1,900	770	1,200	880	2,100	2,300	600	1,300	2400	2400	2400	3300	1300	3800	3100	120	2200	250	590	3,000	1,100
Isopropylbenzene	NE	NE	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ND	—
MTBE	12	60	ND	ND	ND	ND	ND	ND	<2.1	<2.1	<10.5	<11	—	—	—	—	<31	<16	<16	<24	<300	39*	<200	<400	100	4.3*	<20	<2.1	15	ND	ND
Naphthalene	8	40	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ND	—
n-Propylbenzene	NE	NE	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ND	—
Toluene	200	1000	36,000	9,900	7,500	6,400	6,200	256	1,200	890	16,000	6,700	10,000	6,300	16,000	21,000	5,500	8,900	19000	22000	28000	33000	11000	31000	26000	190	8400	900	1600	35,000	7,400
Trimethylbenzenes	96	480	2,560	—	3,000	1,380	1,370	219	790	530	1,910	810	—	—	—	—	560"J"	1070	2340	2040	1000*	2140	1070*	2100	2050	217	1650	212	600	1,700	1,620
Xylenes	1000	10000	15,200	10,000	9,000	6,800	5,900	720	2,600	1,500	10,000	4,500	6300	4000	10000	14,600	3200	6900	15000	14000	13500	17300	6700	20300	15600	440	11000	1180	2770	16,200	7,400
Natural Attenuation Parameters																																
Dissolved Oxygen (mg/l)	NE	NE	—	—	—	—	—	—	0.39	1.99	2.33	2.19	0.96	0.40	0.62	0.55	0.85	1.34	—	0.37	0.40	0.39	0.55	1.72	0.38	0.51	0.97	1.20	1.06	—	—
Conductivity(uS)	NE	NE	—	—	—	—	—	—	760	1780	540	1710	—	1150	260	220	1270	1730	—	250	240	210	570	310	560	640	650	1020	520	—	—
ORP (mV)	NE	NE	—	—	—	—	—	—	140	135	0	110	Or	20	10	25	120	-45	—	40	-45	130	130	5	Or	48	Or	-17	-5	—	—
pH (s.u.)	NE	NE	—	—	—	—	—	—	7.6	7.1	8.9	7.7	9.1	9.7	3.9	7.5	8.9	8.0	—	8.8	9.9	10.4	10.9	7.1	7.0	6.5	6.9	7.6	8.9	—	—
Temperature (°C)	NE	NE	—	—	—	—	—	—	8.5	13.8	10.7	6.7	11.6	14.4	13.2	8.1	10.5	15.1	—	8.1	9.3	10.8	13.6	—	15.1	12.0	11.5	12.5	8.4	—	—
Iron (mg/l)	NE	NE	—	—	—	—	—	—	2.2	1	1.2	2.2	4.4	3.0	>10	>10	1.6	1.8	3.4	>10	>10	>10	>10	>10	>10	0	2.6	0	0.6	—	—
Sulfate (mg/l)	NE	NE	—	—	—	—	—	—	<50	60	55	65	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	—	—
Manganese (mg/l)	NE	NE	—	—	—	—	—	—	>0.7	>0.7	0.05	0.5	0.20	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	0.70	0.65	0.65	>0.70	—	—
Nitrate (mg/l)	NE	NE	—	—	—	—	—	—	0	>1	>1	>1	0.06	0.12	0	0	>1.0	>1.0	0	0	0	0	0	0	0	>1.0	0.3	1.0	0.8	—	—

Note:

GRO = Gasoline Range Organics

VOCs = Volatile Organic Compounds

MTBE = Methyl Tert-Butyl Ether

µg/l = micrograms per liter

mg/L = milligrams per liter

mV = millivolts

NE = Not Established by Wisconsin Administrative Code (WAC)

ND = Not Detected above laboratory method detection limit

— = not analyzed

410 = WAC Prevention Action Limit Exceeded

15 = WAC Enforcement Standard Exceeded

s.u. = standard unit

uS = microsiemens

°C = degrees Celsius

Or = out of range

"J" or * = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)

<x = Analyte not detected above laboratory limit of x

ORP = Oxidation Reduction Potential

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	MW300																							
Date Sampled			12/28/94	08/08/95	02/20/96	06/06/96	09/04/96	06/18/97	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	06/23/99	09/22/99	12/29/99	03/30/00	05/31/00	07/10/00	10/09/00	01/03/01	04/19/01	07/19/01	11/29/01
GRO	NE	NE	ND	---	ND	ND	ND	<100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	1.5	15	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOCs Detected																										
Benzene	0.5	5	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	<0.21	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.39	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
n-Butylbenzene	NE	NE	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	NE	NE	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	15	75	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	140	700	ND	ND	ND	ND	ND	<0.68	<0.68	<0.68	<0.68	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.4	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Isopropylbenzene	NE	NE	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MTBE	12	60	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	<0.21	---	---	---	---	<0.31	<0.31	<0.31	<0.47	<0.30	<0.30	<0.40	<0.40	<0.40	<0.40	<0.40
Naphthalene	8	40	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	NE	NE	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	200	1000	ND	ND	ND	ND	ND	<1.5	<1.5	<1.5	3.4	<0.35	<0.35	<0.35	3.0	<0.35	0.71*J*	<0.35	<0.37	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Trimethylbenzenes	96	480	ND	---	ND	ND	ND	<1.86	<1.86	<1.86	<1.86	---	---	---	---	<0.99	1.85*J*	<0.99	<1.03	<1.0	<1.0	<0.80	<0.80	<0.80	<0.80	<0.90
Xylenes	1000	10000	ND	ND	ND	ND	ND	<1.8	<1.8	<1.8	<1.8	<1	<1	<0.98	1.1*J*	<1	<1	<0.98	<1.4	<1.5	<1.5	<1.10	<1.10	<1.10	<1.10	<1.40
Natural Attenuation Parameters																										
Dissolved Oxygen (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Conductivity(uS)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ORP (mV)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (s.u.)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Temperature (°C)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sulfate (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Manganese (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nitrate (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Note:

GRO = Gasoline Range Organics

VOCs = Volatile Organic Compounds

MTBE = Methyl Tert-Butyl Ether

µg/l = micrograms per liter

mg/L = milligrams per liter

mV = millivolts

NE = Not Established by Wisconsin Administrative Code (WAC)

ND = Not Detected above laboratory method detection limit

--- = not analyzed

410 = WAC Prevention Action Limit Exceeded

15 = WAC Enforcement Standard Exceeded

s.u. = standard unit

uS = microsiemens

°C = degrees Celsius

Or = out of range

"J" or * = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)

<x = Analyte not detected above laboratory limit of x

ORP = Oxidation Reduction Potential

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	MW400																								
Date Sampled			12/28/94	08/08/95	02/20/96	06/06/96	09/04/96	12/12/96	06/18/97	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	06/23/99	09/22/99	12/29/99	03/30/00	05/31/00	07/10/00	10/09/00	01/03/01	04/19/01	07/19/01	11/29/01
GRO	NE	NE	ND	—	ND	ND	ND	ND	<100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lead	1.5	15	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VOCs Detected																											
Benzene	0.5	5	ND	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	<0.21	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.39	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
n-Butylbenzene	NE	NE	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloromethane	NE	NE	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,4-Dichlorobenzene	15	75	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	140	700	ND	ND	ND	ND	ND	ND	<0.68	<0.68	<0.68	<0.68	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.4	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Isopropylbenzene	NE	NE	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MTBE	12	60	ND	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	<0.21	—	—	—	—	<0.31	<0.31	<0.31	<0.47	<0.30	<0.30	<0.40	<0.40	<0.40	<0.40	<0.40
Naphthalene	8	40	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	NE	NE	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	200	1000	ND	ND	ND	ND	ND	ND	<1.5	<1.5	<1.5	<1.5	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.37	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Trimethylbenzenes	96	480	ND	—	ND	ND	ND	ND	<1.86	<1.86	1.3	5.0	—	—	—	—	<0.99	<0.99	<0.99	<1.03	<1.0	<1.0	<0.80	<0.80	<0.80	<0.80	<0.90
Xylenes	1000	10000	ND	ND	ND	ND	ND	ND	<1.8	<1.8	<1.8	<1.8	<1	<1	<0.98	<0.98	<1	<1	<0.98	<1.4	<1.5	<1.5	<1.10	<1.10	<1.10	<1.10	<1.40
Natural Attenuation Parameters																											
Dissolved Oxygen (mg/l)	NE	NE	—	—	—	—	—	—	3.24	1.46	0.72	0.95	0.56	1.14	1.40	0.92	2.32	2.04	—	3.56	1.75	2.36	1.12	2.56	3.14	6.09	2.48
Conductivity(uS)	NE	NE	—	—	—	—	—	—	550	700	230	130	—	350	400	250	410	1020	—	380	340	370	770	410	360	600	Or
ORP (mV)	NE	NE	—	—	—	—	—	—	305	180	130	70	75	-80	55	-35	60	105	—	240	70	75	140	180	35	24	109
pH (s.u.)	NE	NE	—	—	—	—	—	—	6.8	6.8	10.1	8.4	10.2	9.5	5.0	7.5	9.5	9.9	—	9.5	11.1	11.1	10.7	7.4	6.5	6.7	6.8
Temperature (°C)	NE	NE	—	—	—	—	—	—	8.6	13.7	10.1	6	10.8	14.5	13.1	7.9	10.6	15.1	—	7.5	9.0	10.8	14.0	—	15.2	12.1	11.7
Iron (mg/l)	NE	NE	—	—	—	—	—	—	1	0.2	0	0.4	0	0	0.4	0	0	0	1.0	0.4	0.6	0.2	0.5	0.4	0.6	0	0.8
Sulfate (mg/l)	NE	NE	—	—	—	—	—	—	52	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	55
Manganese (mg/l)	NE	NE	—	—	—	—	—	—	0.325	0.15	0.3	0.65	0.65	0.70	0.45	0.35	0.10	0.25	0.70	0.30	0.10	0.05	0.15	0.10	0.15	0.10	0.20
Nitrate (mg/l)	NE	NE	—	—	—	—	—	—	0.65	0.4	0.02	0	0	0.9	>1.0	0.4	1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0

Note:

GRO = Gasoline Range Organics
VOCs = Volatile Organic Compounds
MTBE = Methyl Tert-Butyl Ether
µg/l = micrograms per liter
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Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	MW500																								
Date Sampled			01/11/95	06/08/95	02/20/96	06/06/96	09/04/96	12/12/96	06/17/97	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	06/23/99	09/22/99	12/29/99	03/30/00	05/31/00	07/10/00	10/09/00	01/03/01	04/19/01	07/19/01	11/29/01
GRO	NE	NE	ND	—	ND	ND	ND	ND	<100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lead	1.5	15	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VOCs Detected																											
Benzene	0.5	5	ND	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	7.1	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.39	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
n-Butylbenzene	NE	NE	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloromethane	NE	NE	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,4-Dichlorobenzene	15	75	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	140	700	ND	ND	ND	ND	ND	ND	<0.68	<0.68	9.9	110	<0.34	1.3	<0.34	<0.34	<0.34	<0.34	<0.34	<0.4	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Isopropylbenzene	NE	NE	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MTBE	12	60	ND	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	<0.21	—	—	—	—	4.6	<0.31	<0.31	<0.47	<0.30	<0.30	<0.40	<0.40	<0.40	<0.40	<0.40
Naphthalene	8	40	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	NE	NE	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	200	1000	ND	ND	ND	ND	ND	ND	<1.5	<1.5	<1.5	<1.5	<0.35	0.37"J"	<0.35	<0.35	<0.35	<0.35	<0.35	<0.37	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Trimethylbenzenes	96	480	ND	—	ND	ND	ND	ND	<1.86	<1.86	16	270	—	—	—	—	<0.99	<0.99	<0.99	<1.03	<1.0	<1.0	<0.80	<0.80	<0.80	<0.80	<0.90
Xylenes	1000	10000	ND	ND	ND	ND	ND	ND	<1.8	<1.8	42	470	<1	<1	<0.98	<0.98	<1	<1	<0.98	<1.4	<1.5	<1.5	<1.10	<1.10	<1.10	<1.10	<1.40
Natural Attenuation Parameters																											
Dissolved Oxygen (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Conductivity(uS)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ORP (mV)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
pH (s.u.)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Temperature (°C)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Iron (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sulfate (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manganese (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nitrate (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Note:

GRO = Gasoline Range Organics
VOCs = Volatile Organic Compounds
MTBE = Methyl Tert-Butyl Ether
µg/l = micrograms per liter
mg/L = milligrams per liter
mV = millivolts
NE = Not Established by Wisconsin Administrative Code (WAC)
ND = Not Detected above laboratory method detection limit
— = not analyzed
410 = WAC Prevention Action Limit Exceeded
15 = WAC Enforcement Standard Exceeded
s.u. = standard unit
uS = microsiemens
°C = degrees Celsius
Or = out of range
"J" or * = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)
<x = Analyte not detected above laboratory limit of x
ORP = Oxidation Reduction Potential

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	MW600																												MW600 Duplicate	
Date Sampled			01/11/95	08/08/95	02/20/96	06/06/96	09/04/96	12/12/96	06/18/97	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	06/23/99	09/22/99	12/29/99	03/30/00	05/31/00	07/10/00	10/09/00	01/03/01	04/19/01	07/19/01	11/29/01	11/21/02	02/04/03	06/06/96	12/12/96
GRO	NE	NE	256	—	ND	ND	ND	ND	120	<100	---	---	---	—	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	ND
Lead	1.5	15	1	—	—	—	—	—	—	—	---	---	---	—	—	—	—	---	---	---	---	---	---	---	---	---	---	---	—	—	—	—
VOCs Detected																																
Benzene	0.5	5	**16**	ND	0.43	ND	ND	ND	*0.9*	*1.1*	**85**	**23**	**240**	**20**	**23**	**250**	*0.5*"J"	*0.88*"J"	*1.5*	*0.84*"J"	<0.50	<0.50	<0.40	<0.40	**130**	<0.40	<0.40	<0.45	<0.45	ND	ND	ND
n-Butylbenzene	NE	NE	8.6	—	ND	ND	—	—	---	---	---	---	---	---	—	—	—	---	—	---	---	---	---	---	---	—	—	---	---	ND	—
Chloromethane	NE	NE	ND	—	ND	ND	—	—	—	—	—	---	---	—	—	—	—	—	—	—	---	---	---	---	---	---	---	---	—	ND	—
1,4-Dichlorobenzene	15	75	ND	—	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	---	—	---	---	---	---	---	---	—	ND	—
Ethylbenzene	140	700	19.0	ND	ND	ND	ND	ND	<0.68	<0.68	47	14	*220*	11	4.2	*160*	<0.34	0.48"J"	<0.34	<0.4	<0.50	<0.50	<0.40	<0.40	32	<0.40	<0.40	<0.82	<0.82	ND	ND	ND
Isopropylbenzene	NE	NE	4.2	---	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	ND	—
MTBE	12	60	ND	ND	ND	ND	ND	ND	<0.21	<0.21	<1.05	<0.21	---	—	—	---	<0.31	<0.31	<0.31	<0.47	<0.30	<0.30	<0.40	<0.40	**110**	<0.40	<0.40	<0.43	<0.43	ND	ND	ND
Naphthalene	8	40	5.0	—	ND	ND	—	—	—	—	—	---	---	—	---	---	—	—	—	—	---	---	---	---	—	---	---	---	---	ND	—
n-Propylbenzene	NE	NE	7.1	—	ND	ND	—	—	—	—	---	---	---	—	---	---	—	—	---	—	---	---	---	---	—	---	---	---	—	ND	—
Toluene	200	1000	29.0	ND	ND	ND	ND	ND	<1.5	<1.5	230	32	*920*	4.2	1.1"J"	160	<0.35	<0.35	<0.35	<0.37	<0.50	<0.50	<0.40	<0.40	66	<0.40	<0.40	<0.68	<0.68	ND	ND	ND
Trimethylbenzenes	96	480	28.0	—	ND	ND	ND	ND	13.8	<1.86	217	25.6	---	---	---	---	<0.99	<0.99	0.37"J"	0.78"J"	<1.0	<1.0	0.98"	<0.80	23"	<0.80	<0.90	<1.86	<1.86	ND	ND	ND
Xylenes	1000	10000	44.0	ND	0.43	ND	ND	ND	26	<1.8	550	32	750	19	18	367	<1	1.4"J"	1.2"J"	1.5"J"	<1.5	<1.5	1.1"	<1.10	47"	<1.10	<1.40	<2.47	<2.47	ND	ND	ND
Natural Attenuation Parameters																																
Dissolved Oxygen (mg/l)	NE	NE	—	—	—	—	—	—	1.41	0.31	0.97	2.03	0.95	0.72	1.21	0.78	—	1.02	—	5.51	4.25	6.26	3.66	5.41	0.34	1.65	0.33	1.82	0.99	—	—
Conductivity(uS)	NE	NE	—	—	—	—	—	—	470	360	—	950	—	330	490	510	—	130	—	370	340	90	370	290	500	100	180	90	80	—	---
ORP (mV)	NE	NE	—	—	—	—	—	—	150	155	—	190	50	40	25	30	---	-75	—	65	145	110	55	43	-5	69	-87	-40	-16	—	---
pH (s.u.)	NE	NE	—	—	—	---	—	—	7.7	8	---	8	9.4	11.1	4.8	7.5	---	8.5	---	8.5	10.3	10.7	9.9	7.2	6.4	6.6	7.7	8.2	9.2	—	---
Temperature (°C)	NE	NE	---	---	—	---	---	---	7.9	12.8	10.6	7.8	10.8	13.4	12.5	8.4	---	14.2	---	8.1	8.4	10.1	12.9	—	15.0	11.3	11.7	12.0	8.2	---	—
Iron (mg/l)	NE	NE	---	---	---	---	---	---	1.4	1.8	1.5	3.6	2.6	1.2	2.0	>10	---	4.0	2.8	1.2	0.6	8.0	3.4	10.0	>10	2.0	10.0	2.4	6.4	---	—
Sulfate (mg/l)	NE	NE	—	—	---	---	—	---	<50	<50	<50	<50	65	55	80	<50	—	<50	80	<50	<50	60	<50	<50	<50	<50	<50	<50	<50	---	—
Manganese (mg/l)	NE	NE	—	—	---	---	---	—	0.7	>0.7	>0.7	>0.7	0.45	0.55	>0.70	>0.70	—	0	0.70	>0.70	>0.70	0.20	>0.70	>0.70	>0.70	0.10	>0.70	0.05	0.5	—	—
Nitrate (mg/l)	NE	NE	---	—	—	---	---	---	0	0	0	0	0	0.02	0.12	0	—	0.08	0.04	0.22	0.16	0.9	0.12	0.14	0	0.10	0	0	0	—	—

Note:

GRO = Gasoline Range Organics
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MTBE = Methyl Tert-Butyl Ether
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mg/L = milligrams per liter
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NE = Not Established by Wisconsin Administrative Code (WAC)
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°C = degrees Celsius
Or = out of range
"J" or " = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)
<x = Analyte not detected above laboratory limit of x
ORP = Oxidation Reduction Potential

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	MW700																									
Date Sampled			08/08/95	02/20/96	06/06/96	09/04/96	12/12/96	06/18/97	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	06/23/99	09/22/99	12/29/99	03/30/00	05/31/00	07/10/00	10/09/00	01/03/01	04/19/01	07/19/01	11/29/01	11/21/02	02/04/03
GRO	NE	NE	—	70,000	56,000	36,000	24,000	56,000	45,000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lead	1.5	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VOCs Detected																												
Benzene	0.5	5	**690**	**280**	**180**	**190**	**290**	**380**	**300**	**1,250**	**1,800**	**580**	**830**	**580**	**660**	**360**	**530**	**460**	**690**	<500	**480**	**370***	<400	**290**	<8.0	**290**	<1.8	**140**
n-Butylbenzene	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloromethane	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,4-Dichlorobenzene	15	75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	140	700	**3,000**	**2,900**	**2,300**	**1,700**	**830**	**2,300**	**2,400**	**2,800**	**2,900**	**2600**	**2600**	**2000**	**1700**	**1900**	**2600**	**1100**	**1900**	**1900**	**1900**	**1700**	**2500**	**970**	**46**	**1300**	**89**	**1400**
Isopropylbenzene	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MTBE	12	60	ND	ND	ND	ND	ND	<10.5	<11	<21	<42	—	—	—	—	<31	<31	<31	<47	<300	*31**	<200	<400	**210**	<8.0	<40	<1.7	<22
Naphthalene	8	40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	200	1000	**24,000**	**24,000**	**14,000**	**9,400**	**5,800**	**18,000**	**16,000**	**20,000**	**26,000**	**17000**	**21000**	**20000**	**21000**	**17000**	**21000**	**15000**	**23000**	**28000**	**27000**	**16000**	**24000**	**7400**	*460*	**13000**	*500*	**11000**
Trimethylbenzenes	96	480	—	**3,090**	**2,840**	**2,640**	**1,630**	**2,910**	**2,700**	**3,550**	**3,150**	—	—	—	—	**1890**	**2,880**	**2200**	**2510**	**1600**	**2130**	**2050***	**1600**	**1150**	**810**	**1950**	**830**	**2590**
Xylenes	1000	10000	**14,000**	**14,000**	**10,000**	*7,500*	*4,900*	**12,000**	**11,000**	**18,000**	**16,000**	**15000**	**13000**	*9500*	**11400**	**11000**	**15000**	**10900**	**13000**	**14500**	**14800**	**10200**	**13000**	*5000*	*2240*	*8500*	*1900*	*9300*
Natural Attenuation Parameters																												
Dissolved Oxygen (mg/l)	NE	NE	—	—	—	—	—	0.58	0.72	0.79	0.72	0.55	0.46	0.58	0.46	0.88	0.68	—	0.48	0.50	0.42	0.40	0.59	0.35	0.38	0.81	0.94	0.47
Conductivity(uS)	NE	NE	—	—	—	—	—	1,380	600	340	200	—	300	410	390	400	530	—	230	210	180	310	410	270	560	700	520	440
ORP (mV)	NE	NE	—	—	—	—	—	-20	60	25	65	Or	-55	OR	-50	130	10	—	-5	145	-70	60	37	73	-4	-83	-24	-57
pH (s.u.)	NE	NE	—	—	—	—	—	6.8	7.4	9.1	8.2	8.2	8.4	5.6	7.2	8.6	8.1	—	8.5	10.4	9.1	10.3	9.3	5.9	6.4	6.8	8.3	8.0
Temperature (°C)	NE	NE	—	—	—	—	—	7.9	14.8	12.2	8	11.3	16.4	14	8.6	10.1	15.6	—	8.4	9.2	10.8	13.4	—	14.2	11.0	10.8	11.8	8.5
Iron (mg/l)	NE	NE	—	—	—	—	—	>10	4	4	4	9	6	10	>10	>10	9.0	5.0	5.0	3.6	5.0	6.0	>10	>10	2.0	>10.0	1.4	6.0
Sulfate (mg/l)	NE	NE	—	—	—	—	—	>200	<50	<50	<50	75	<50	<50	<50	<50	70	<50	<50	<50	<50	<50	<50	50	75	90	<50	<50
Manganese (mg/l)	NE	NE	—	—	—	—	—	>0.7	>0.7	0.4	0.35	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	0.70	0.60	0.65	0.65	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70
Nitrate (mg/l)	NE	NE	—	—	—	—	—	0	0.8	0	0	0	0	0	0	0.16	0.6	0	0	0	0	0.2	1.0	0.06	>1.0	0.9	>1.0	0.38

Note

GRO = Gasoline Range Organics

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µg/l = micrograms per liter

mg/L = milligrams per liter

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NE = Not Established by Wisconsin Administrative Code (WAC)

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s.u. = standard unit

uS = microsiemens

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Or = out of range

"J" or * = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)

<x = Analyte not detected above laboratory limit of x

ORP = Oxidation Reduction Potential

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	MW700 Duplicate															
Date Sampled			02/20/96	06/06/96	09/04/96	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	05/31/00	07/10/00	10/09/00	11/29/01	11/21/02	02/04/03
GRO	NE	NE	70,000	31,000	26,000	—	—	—	—	—	—	—	—	—	—	—	—	—
Lead	1.5	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VOCs Detected																		
Benzene	0.5	5	**280**	**1,100**	**1,100**	**290**	**1,100**	**1,600**	**390**	**770**	**670**	**1100**	<500	**510**	**380***	**270**	<2.2	**140**
n-Butylbenzene	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloromethane	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,4-Dichlorobenzene	15	75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	140	700	**2,900**	**1,600**	**1,300**	**2,400**	**3,100**	**2,800**	**1600**	**2400**	**2500**	**2700**	**1900**	**2000**	**1800**	**1400**	**80**	**1500**
Isopropylbenzene	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MTBE	12	60	ND	ND	ND	<11	<21	—	—	—	—	—	<300	33*	<200	<20	<2.1	*24"J"*
Naphthalene	8	40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	200	1000	**25,000**	**4,000**	**2,000**	**16,000**	**27,000**	**23,000**	**12000**	**21000**	**25000**	**32000**	**27000**	**27000**	**16000**	**13000**	*450*	**11000**
Trimethylbenzenes	96	480	**3,090**	**3,120**	**3,700**	**2,580**	**2,920**	—	—	—	—	—	**1800**	**2140**	**2330***	**2080**	**820**	**2730**
Xylenes	1000	10000	**14,000**	**13,000**	*7,100*	**11,000**	**17,000**	**15,000**	*8500*	**12000**	**12000**	**18200**	**14900**	**14800**	**11100**	*9000*	*1790*	*9900*
Natural Attenuation Parameters																		
Dissolved Oxygen (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Conductivity(uS)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ORP (mV)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
pH (s.u.)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Temperature (°C)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Iron (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sulfate (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manganese (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nitrate (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Note:

GRO = Gasoline Range Organics
VOCs = Volatile Organic Compounds
MTBE = Methyl Tert-Butyl Ether
µg/l = micrograms per liter
mg/L = milligrams per liter
mV = millivolts
NE = Not Established by Wisconsin Administrative Code (WAC)
ND = Not Detected above laboratory method detection limit
— = not analyzed
410 = WAC Prevention Action Limit Exceeded
15 = WAC Enforcement Standard Exceeded
s.u. = standard unit
uS = microsiemens
°C = degrees Celsius
Or = out of range
"J" or * = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)
<x = Analyte not detected above laboratory limit of x
ORP = Oxidation Reduction Potential

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	MW800																											MW800 Duplicate	
Date Sampled			08/08/95	02/20/96	06/06/96	09/04/96	12/12/96	06/18/97	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	06/23/99	09/22/99	12/29/99	03/30/00	05/31/00	07/10/00	10/09/00	01/03/01	04/19/01	07/19/01	11/29/01	11/21/02	02/04/03	08/08/95	06/18/97
GRO	NE	NE	—	68,000	43,000	42,000	4,300	46,000	2,900	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lead	1.5	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VOCs Detected																															
Benzene	0.5	5	**7,100**	**7,200**	**3,800**	**2,700**	**42**	**2,100**	**25**	**4,300**	**2,800**	**350**	**1300**	**1800**	**3900**	**800**	**1100**	**4100**	**1400**	**1200**	**1100**	**1200**	**990**	**670**	**9.0**	**76**	**8.4**	**32**	**5,300**	**2,550**
n-Butylbenzene	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloromethane	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,4-Dichlorobenzene	15	75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	140	700	**2,500**	**2,200**	**1,600**	**1,700**	83	**890**	83	*560*	*500*	*280*	**1000**	**1100**	**880**	**1900**	**710**	**1800**	**1000**	**760***	**890**	**740**	**870**	*590*	6.7	*260*	18	120	**2,100**	**1,130**
Isopropylbenzene	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MTBE	12	60	ND	ND	ND	ND	ND	<4.2	<2.1	<10.5	<21	—	—	—	—	<31	<31	<31	<47	<150	*43**	**81***	<80	**190***	2.7	<20	2.2	*19*	ND	<11
Naphthalene	8	40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	200	1000	**21,000**	**21,000**	**13,000**	**12,000**	*250*	**8,500**	*300*	**7,600**	**6,500**	**2,800**	**10,000**	**10,000**	**11,000**	**26,000**	**4,700**	**19,000**	**7,800**	**8,400**	**8,200**	**5,600**	**7,300**	**4,400**	8.0	**1300**	31	260	**17,000**	**11,000**
Trimethylbenzenes	96	480	—	**2,600**	**2,120**	**2,310**	*400*	**2,530**	*310*	**1,730**	**1,410**	—	—	—	—	**1290**	**2040**	**4500**	**1860**	**1200**	**1780**	**1550**	**2120**	**1680**	27.3	**740**	70	*400*	—	**3,270**
Xylenes	1000	10000	**13,000**	**12,000**	*8,400*	*8,700*	890	**12,000**	*720*	*6,600*	*6,000*	*5800*	*9300*	*9700*	**12800**	**14000**	*8300*	**26000**	**11000**	**11500**	**12900**	*8800*	**11400**	*7300*	44	*2740*	141	1010	**11,000**	**13,900**
Natural Attenuation Parameters																															
Dissolved Oxygen (mg/l)	NE	NE	—	—	—	—	—	1.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Conductivity(uS)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ORP (mV)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
pH (s.u.)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Temperature (°C)	NE	NE	—	—	—	—	—	8.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Iron (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sulfate (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manganese (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nitrate (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Note:

GRO = Gasoline Range Organics

VOCs = Volatile Organic Compounds

MTBE = Methyl Tert-Butyl Ether

µg/l = micrograms per liter

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NE = Not Established by Wisconsin Administrative Code (WAC)

ND = Not Detected above laboratory method detection limit

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410 = WAC Prevention Action Limit Exceeded

15 = WAC Enforcement Standard Exceeded

s.u. = standard unit

uS = microsiemens

°C = degrees Celsius

Or = out of range

"J" or * = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)

<x = Analyte not detected above laboratory limit of x

ORP = Oxidation Reduction Potential

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (ug/l)	MW900																									
Date Sampled			08/08/95	02/20/96	06/06/96	09/04/96	12/12/96	06/18/97	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	06/23/99	09/22/99	12/29/99	03/30/00	05/31/00	07/19/00	10/09/00	01/03/01	04/19/01	07/19/01	11/29/01	11/21/02	02/04/03
GRO	NE	NE	---	100,000	65,000	46,000	18,000	53,000	16,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	1.5	15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOCs Detected																												
Benzene	0.5	5	**16,000**	**16,000**	**7,400**	**2,400**	**890**	**2,600**	**600**	**3,200**	**2,800**	**1000**	**1900**	**2100**	**1600**	**1600**	**720**	**1400**	**2000**	**900***	**1100**	**600**	**810***	**820**	<40	**470**	*3.1"J"*	**110**
n-Butylbenzene	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	15	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	140	700	**3,100**	**2,900**	**1,700**	**1,100**	*430*	**1,400**	**470**	**1,250**	**1,800**	**1100**	**1900**	**1800**	**1700**	**700**	**1500**	**1100**	**2000**	**1100***	**1500**	**1400**	**2100**	**1600**	120	**1500**	37	*520*
Isopropylbenzene	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MTBE	12	60	ND	ND	ND	ND	ND	<21	<4.2	<10.5	<42	---	---	---	---	<62	<62	<62	<94	<300	30*	<200	<400	**130**	<40	<20	<1.1	<17
Naphthalene	8	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	200	1000	**30,000**	**29,000**	**18,000**	**10,000**	**3,600**	**13,000**	**4,200**	**14,000**	**23,000**	**16000**	**21000**	**25000**	**29000**	**5500**	**17000**	**22000**	**27000**	**25000**	**28000**	**18000**	**31000**	**24000**	**1500**	**23000**	*460*	**6000**
Trimethylbenzenes	96	480	---	**3,370**	**3,120**	**3,500**	**1,520**	**3,760**	**1,200**	**1,800**	**2,200**	---	---	---	---	**1470"J"**	**2490**	**2390**	**2370**	**1000***	**1760**	**1810***	**2200**	**2100**	**500**	**2170**	*230*	**1050**
Xylenes	1000	10000	**16,000**	**15,000**	**13,000**	**12,000**	*5,000*	**13,000**	*4,100*	*8,100*	**11,000**	**10000**	**11000**	**12000**	**15700**	*7800*	**12000**	**14000**	**13000**	**11900**	**14500**	**10300**	**16400**	**10900**	*1520*	**10300**	500	*4500*
Natural Attenuation Parameters																												
Dissolved Oxygen (mg/l)	NE	NE	---	---	---	---	---	0.53	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Conductivity(uS)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ORP (mV)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (s.u.)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Temperature (°C)	NE	NE	---	---	---	---	---	8.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sulfate (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Manganese (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nitrate (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Note:

GRO = Gasoline Range Organics

VOCs = Volatile Organic Compounds

MTBE = Methyl Tert-Butyl Ether

µg/l = micrograms per liter

mg/L = milligrams per liter

mV = millivolts

NE = Not Established by Wisconsin Administrative Code (WAC)

ND = Not Detected above laboratory method detection limit

--- = not analyzed

410 = WAC Prevention Action Limit Exceeded

15 = WAC Enforcement Standard Exceeded

s.u. = standard unit

uS = microsiemens

°C = degrees Celsius

Or = out of range

"J" or * = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)

<x = Analyte not detected above laboratory limit of x

ORP = Oxidation Reduction Potential

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	MW900 Duplicate					MW1000																											MW1000 Duplicate	
Date Sampled			06/23/99	09/22/99	12/29/99	03/30/00	01/03/01	08/08/95	02/20/96	06/06/96	09/04/96	12/12/96	06/18/97	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	06/23/99	09/22/99	12/29/99	03/30/00	05/31/00	07/10/00	10/09/00	01/03/01	04/19/01	07/19/01	11/29/01	11/21/02	02/04/03	04/19/01	07/19/01
GRO	NE	NE	---	---	---	---	---	---	40,000	31,000	26,000	3,700	11,000	19,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	1.5	15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOCs Detected																																				
Benzene	0.5	5	**910**	**820**	**570**	**1900**	**810***	**3,800**	**1,400**	**1,100**	**1,100**	**150**	**72**	**130**	*4.5*	**18**	**25**	**27"J"**	<3.2	**10"J"**	*4.3"J"*	**6.1**	<6.4	<7.8	<50	**26***	<8.0	<20	**24**	**14**	<4.0	<0.45	*1.5"J"*	**23***	**9.3***
n-Butylbenzene	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	15	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	140	700	**2200**	**1400**	**1300**	**1900**	**1800**	**2,000**	**2,200**	**1,600**	**1,300**	9.4	*580*	**1,300**	*420*	*540*	*250*	*640*	*440*	*160*	*320*	*310*	**760**	**1500**	**2200**	**1600**	*350*	**1200**	*410*	*140*	*150*	72	*270*	*430*	130
Isopropylbenzene	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MTBE	12	60	<62	<31	<31	<94	<400	ND	ND	ND	ND	ND	<2.1	<2.1	<2.1	<2.1	---	---	---	---	<1.6	<1.6	<6.2	<9.4	<30	*16**	*16**	<20	*32*	22	<4.0	1.5	4.9	*34*	<8.0
Naphthalene	8	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	200	1000	**31000**	**18000**	**18000**	**26000**	**23000**	**17,000**	**6,500**	**4,000**	**2,000**	*290*	*900*	**2,500**	185	*700*	130	*690*	*550*	38	150	*210*	*690*	**1000**	**1300**	**1800**	*240*	*940*	*320*	48	43	14	58	*340*	37
Trimethylbenzenes	96	480	**2570**	**2430**	**2480**	**2250**	**2350***	---	**4,300**	**3,120**	**3,700**	*390*	**980**	**1,760**	**1,070**	**1,350**	---	---	---	---	**920**	**840**	**1610**	**1840**	**2700**	**1680**	**840**	**1520**	*430*	*350*	*290*	*197*	*470*	*450*	*350*
Xylenes	1000	10000	**15000**	**12000**	**13100**	**12000**	**12500**	**11,000**	**12,000**	**13,000**	*7,100*	900	*3,200*	*7,200*	*2,100*	*2,800*	*1100*	*3300*	*2100*	912	*1800*	*1500*	*4400*	*8000*	**11200**	**10000**	*1890*	*6400*	*1980*	620	700	231	*1120*	*2090*	500
Natural Attenuation Parameters																																				
Dissolved Oxygen (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	0.46	4.5	2.21	5.4	.42	0.42	0.52	0.46	1.24	0.51	---	0.44	0.40	0.37	0.44	0.73	0.40	0.41	1.39	0.40	1.01	---	---
Conductivity(uS)	NE	NE	---	---	---	---	---	---	---	---	---	---	560	440	170	70	---	350	360	250	300	320	---	290	510	520	980	400	230	320	630	520	550	---	---
ORP (mV)	NE	NE	---	---	---	---	---	---	---	---	---	---	-30	45	95	60	-60	-45	70	-5	95	130	---	250	130	45	60	-35	20	130	-82	-29	57	---	---
pH (s.u.)	NE	NE	---	---	---	---	---	---	---	---	---	---	7.4	8	9.5	8.6	8.9	8.8	4.9	7.3	10.5	9.5	---	9.1	10.0	9.4	9.7	7.2	6.3	6.5	6.8	8.3	8.4	---	---
Temperature (°C)	NE	NE	---	---	---	---	---	---	---	---	---	---	7.6	15.3	9.7	5.2	9.4	14.1	13.0	7.2	9.6	15.0	---	7.5	8.7	10.6	13.7	---	15.1	12.2	8.6	12.1	8.0	---	---
Iron (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	9.6	3.2	4	5.8	3.0	7.0	8.0	>10	>10	>10	>10	>10	>10	>10	>10	>10	>10	0	>10	2.4	>10	---	---
Sulfate (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	95	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	---	---
Manganese (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	>0.7	>0.7	0.4	0.3	0.50	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	>0.70	0.55	0.60	---	---
Nitrate (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	0.3	>1	0.02	0	0.4	0	0.06	0	0	0	0	0	0	0	0.12	0	0	0.20	0	0	0	---	---

Note:

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MTBE = Methyl Tert-Butyl Ether

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mg/L = milligrams per liter

mV = millivolts

NE = Not Established by Wisconsin Administrative Code (WAC)

ND = Not Detected above laboratory method detection limit

--- = not analyzed

410 = WAC Prevention Action Limit Exceeded

15 = WAC Enforcement Standard Exceeded

s.u = standard unit

uS = microsiemens

°C = degrees Celsius

Or = out of range

"J" or * = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)

<x = Analyte not detected above laboratory limit of x

ORP = Oxidation Reduction Potential

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	MW1100																								
Date Sampled			06/05/95	08/08/95	02/20/96	06/06/96	09/04/96	12/12/96	06/18/97	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	06/23/99	09/22/99	12/29/99	03/30/00	05/31/00	07/10/00	10/09/00	01/03/01	04/19/01	07/19/01	11/29/01
GRO	NE	NE	ND	—	ND	ND	ND	ND	170	<100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lead	1.5	15	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VOCs Detected																											
Benzene	0.5	5	ND	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	0.6 "J"	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.39	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
n-Butylbenzene	NE	NE	ND	—	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloromethane	NE	NE	19.2	—	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,4-Dichlorobenzene	15	75	ND	—	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	140	700	ND	ND	ND	ND	ND	ND	<0.68	<0.68	<0.68	<0.68	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.4	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Isopropylbenzene	NE	NE	ND	—	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MTBE	12	60	ND	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	<0.21	—	—	—	—	3	<0.31	<0.31	<0.47	<0.30	<0.30	<0.40	<0.40	<0.40	<0.40	<0.40
Naphthalene	8	40	ND	—	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	NE	NE	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	200	1000	ND	—	ND	ND	ND	ND	<1.5	<1.5	<1.5	<1.5	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.37	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40
Trimethylbenzenes	96	480	ND	—	ND	ND	ND	ND	<1.86	<1.86	<1.86	5.6	—	—	—	—	<0.99	<0.99	<0.99	<1.03	<1.0	<1.0	<0.80	<0.80	<0.80	<0.80	<0.90
Xylenes	1000	10000	ND	ND	ND	ND	ND	ND	<1.8	<1.8	<1.8	<1.8	<1	<1	<0.98	<0.98	<1	<1	<0.98	<1.4	<1.5	<1.5	<1.10	<1.10	<1.10	<1.10	<1.40
Natural Attenuation Parameters																											
Dissolved Oxygen (mg/l)	NE	NE	—	—	—	—	—	—	7.08	1.55	2.4	0.87	1.75	1.06	1.15	1.05	2.00	1.59	—	2.76	3.42	2.79	1.15	3.51	3.48	3.97	2.09
Conductivity(uS)	NE	NE	—	—	—	—	—	—	380	450	—	350	—	340	240	300	390	610	—	530	420	400	330	250	55	150	470
ORP (mV)	NE	NE	—	—	—	—	—	—	210	135	—	190	-20	5	OR	-50	0	-40	—	255	110	70	40	205	280	135	38
pH (s.u.)	NE	NE	—	—	—	—	—	—	8.2	8.6	—	7.8	10.0	10.5	5.4	7.3	8.5	8.6	—	9.0	10.7	9.7	10.0	7.9	6.5	6.3	8.3
Temperature (°C)	NE	NE	—	—	—	—	—	—	9.4	13.8	10.2	7.1	10.50	15.0	12.4	7.5	10.7	14.4	—	7.4	9.1	10.8	13.8	—	14.2	12.2	11.3
iron (mg/l)	NE	NE	—	—	—	—	—	—	1.6	0.4	0.8	0.8	0.4	0.4	0.6	0	0	0.4	0.6	0.6	0.4	0.6	0.6	0.6	0.4	0	1.2
Sulfate (mg/l)	NE	NE	—	—	—	—	—	—	75	75	<50	60	50	<50	<50	<50	65	65	65	75	55	<50	<50	55	<50	50	100
Manganese (mg/l)	NE	NE	—	—	—	—	—	—	0.25	0.15	0.3	0.05	0	0.05	0	0.05	0	0.05	0	0	0	0	0.10	0	0	0	0.15
Nitrate (mg/l)	NE	NE	—	—	—	—	—	—	0.15	0.26	1	0	1.0	0.6	0.24	0.3	0.7	0.8	>1.0	>1.0	>1.0	>1.0	0.3	0.4	1.0	0	0

Note

GRO = Gasoline Range Organics
VOCs = Volatile Organic Compounds
MTBE = Methyl Tert-Butyl Ether
µg/l = micrograms per liter
mg/L = milligrams per liter
mV = millivolts
NE = Not Established by Wisconsin Administrative Code (WAC)
ND = Not Detected above laboratory method detection limit
— = not analyzed
410 = WAC Prevention Action Limit Exceeded
15 = WAC Enforcement Standard Exceeded
s.u. = standard unit
uS = microsiemens
°C = degrees Celsius
Or = out of range
"J" or * = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)
<x = Analyte not detected above laboratory limit of x
ORP = Oxidation Reduction Potential

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	MW1200																										W1600	W1700	GP1100	GP1200	GP1300
Date Sampled			06/05/95	08/08/95	02/20/96	06/06/96	09/04/96	12/12/96	06/18/97	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	06/23/99	09/22/99	12/29/99	03/30/00	05/31/00	07/10/00	10/09/00	01/03/01	04/19/01	07/19/01	11/29/01	08/08/95	08/08/95	11/21/02	11/21/02	11/21/02
GRO	NE	NE	ND	—	ND	ND	ND	ND	<100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lead	1.5	15	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VOCs Detected																																	
Benzene	0.5	5	0.266	ND	ND	—	ND	ND	<0.21	<0.21	<0.21	**184**	2.6	**13**	**33**	**6.3**	3.6	0.73*J*	<0.32	<0.39	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	ND	ND	1.7	<0.45	<0.45
n-Butylbenzene	NE	NE	ND	—	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloromethane	NE	NE	25.4	—	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,4-Dichlorobenzene	15	75	ND	—	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ethylbenzene	140	700	ND	ND	ND	ND	ND	ND	<0.68	<0.68	<0.68	*144*	1.2	1.5	0.94*J*	<0.34	<0.34	<0.34	<0.34	<0.4	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	ND	ND	2.9	<0.82	<0.82
Isopropylbenzene	NE	NE	ND	—	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MTBE	12	60	ND	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	<0.21	—	—	—	—	<0.31	<0.31	<0.31	<0.47	<0.30	<0.30	<0.40	<0.40	<0.40	<0.40	<0.40	ND	ND	<0.43	<0.43	<0.43
Naphthalene	8	40	ND	—	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
n-Propylbenzene	NE	NE	ND	—	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	200	1000	ND	ND	ND	ND	ND	ND	<1.5	<1.5	<1.5	*400*	1*J*	1.7	2.6	0.84*J*	<0.35	<0.35	<0.35	<0.37	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	ND	ND	3.0	<0.68	<0.68
Trimethylbenzenes	96	480	ND	—	ND	ND	ND	ND	<1.68	<1.68	<1.68	*302*	—	—	—	—	<0.99	<0.99	<0.99	<1.03	<1.0	<1.0	<0.80	<0.80	<0.80	<0.80	<0.90	—	—	3.95*J*	<1.86	<1.86
Xylenes	1000	10000	ND	ND	ND	ND	ND	ND	<1.8	<1.8	<1.8	650	32	39	110	14.39*J*	4.1	<1	<0.98	<1.4	<1.5	<1.5	<1.10	<1.10	<1.10	<1.10	<1.40	ND	ND	4.37*J*	<2.47	<2.47
Natural Attenuation Parameters																																	
Dissolved Oxygen (mg/l)	NE	NE	—	—	—	—	—	—	5.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Conductivity(uS)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ORP (mV)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
pH (s.u.)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Temperature (°C)	NE	NE	—	—	—	—	—	—	7.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Iron (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sulfate (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manganese (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nitrate (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Note:

GRO = Gasoline Range Organics
VOCs = Volatile Organic Compounds
MTBE = Methyl Tert-Butyl Ether
µg/l = micrograms per liter
mg/L = milligrams per liter
mV = millivolts
NE = Not Established by Wisconsin Administrative Code (WAC)
ND = Not Detected above laboratory method detection limit
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410 = WAC Prevention Action Limit Exceeded
15 = WAC Enforcement Standard Exceeded
s.u. = standard unit
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°C = degrees Celsius
Or = out of range
"J" or * = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)
<x = Analyte not detected above laboratory limit of x
ORP = Oxidation Reduction Potential

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	Trip Blank																										
Date Sampled			06/05/95	06/08/95	02/20/96	06/06/96	09/04/96	12/12/96	06/18/97	09/15/97	12/11/97	03/05/98	06/24/98	09/23/98	12/03/98	03/17/99	06/23/99	09/22/99	12/29/99	03/30/00	05/31/00	07/10/00	10/09/00	01/03/01	04/19/01	07/19/01	11/29/01	11/21/02	02/04/03
GRO	NE	NE	---	---	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	1.5	15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOCs Detected																													
Benzene	0.5	5	ND	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	<0.21	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.39	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.45	<0.45
n-Butylbenzene	NE	NE	ND	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	NE	NE	ND	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	15	75	ND	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	140	700	ND	---	ND	ND	ND	ND	<0.68	<0.68	<0.68	<0.68	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.4	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.82	<0.82
Isopropylbenzene	NE	NE	ND	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MTBE	12	60	ND	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	---	---	---	---	---	<0.31	<0.31	<0.31	<0.47	<0.30	<0.30	<0.40	<0.40	<0.40	<0.40	<0.40	<0.43	<0.43
Naphthalene	8	40	ND	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	NE	NE	ND	---	---	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	200	1000	ND	ND	ND	ND	ND	ND	<1.5	<1.5	<1.5	<1.5	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.37	<0.50	<0.50	<0.40	<0.40	0.56*	<0.40	<0.40	<0.68	<0.68
Trimethylbenzenes	96	480	ND	---	ND	ND	ND	ND	<1.86	<1.86	<1.86	---	---	---	---	---	<0.99	<0.99	<0.99	<1.03	<1.0	<1.0	<0.80	<0.80	<0.80	<0.80	<0.90	<1.86	<1.86
Xylenes	1000	10000	ND	ND	ND	ND	ND	ND	<1.8	<1.8	<1.8	<1.8	<1	<1	<0.98	<0.98	<1	<1	<0.98	<1.4	<1.5	<1.5	<1.10	<1.10	<1.10	<1.10	<1.40	<2.47	<2.47
Natural Attenuation Parameters																													
Dissolved Oxygen (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Conductivity(uS)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ORP (mV)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (s.u.)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Temperature (°C)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sulfate (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Manganese (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nitrate (mg/l)	NE	NE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Note:

GRO = Gasoline Range Organics
VOCs = Volatile Organic Compounds
MTBE = Methyl Tert-Butyl Ether
µg/l = micrograms per liter
mg/L = milligrams per liter
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NE = Not Established by Wisconsin Administrative Code (WAC)
ND = Not Detected above laboratory method detection limit
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410 = WAC Prevention Action Limit Exceeded
15 = WAC Enforcement Standard Exceeded
s.u. = standard unit
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°C = degrees Celsius
Or = out of range
"J" or * = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)
<x = Analyte not detected above laboratory limit of x
ORP = Oxidation Reduction Potential

Table 5 Ground-Water Laboratory Analytical Results South Side Auto Repair, Siren, Wisconsin

Parameter	WAC Preventative Action Limit (PAL) (µg/l)	WAC Enforcement Standard (ES) (µg/l)	Field Blank										
Date Sampled			06/05/95	08/08/95	02/20/96	06/06/96	09/04/96	12/12/96	06/18/97	09/15/97	12/11/97	03/05/98	06/24/98
GRO	NE	NE	—	—	ND	ND	ND	ND	—	—	—	—	—
Lead	1.5	15	—	—	—	—	—	—	—	—	—	—	—
VOCs Detected													
Benzene	0.5	5	0.61	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	<0.21	<0.32
n-Butylbenzene	NE	NE	ND	—	—	ND	—	—	—	—	—	—	—
Chloromethane	NE	NE	22.2	—	—	ND	—	—	—	—	—	—	—
1,4-Dichlorobenzene	15	75	1.4	—	—	ND	—	—	—	—	—	—	—
Ethylbenzene	140	700	1.05	—	ND	ND	ND	ND	<0.68	<0.68	<0.68	<0.68	<0.34
Isopropylbenzene	NE	NE	ND	—	—	ND	—	—	—	—	—	—	—
MTBE	12	60	ND	ND	ND	ND	ND	ND	<0.21	<0.21	<0.21	—	—
Naphthalene	8	40	ND	—	—	ND	—	—	—	—	—	—	—
n-Propylbenzene	NE	NE	ND	—	—	ND	—	—	—	—	—	—	—
Toluene	200	1000	5.47	ND	ND	4.5	ND	ND	<1.5	<1.5	<1.5	<1.5	<0.35
Trimethylbenzenes	96	480	1.23	—	ND	ND	ND	ND	<1.86	<1.86	<1.86	—	—
Xylenes	1000	10000	6.81	ND	ND	ND	ND	ND	<1.8	<1.8	<1.8	<1.8	<1
Natural Attenuation Parameters													
Dissolved Oxygen (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—
Conductivity(uS)	NE	NE	—	—	—	—	—	—	—	—	—	—	—
ORP (mV)	NE	NE	—	—	—	—	—	—	—	—	—	—	—
pH (s.u.)	NE	NE	—	—	—	—	—	—	—	—	—	—	—
Temperature (°C)	NE	NE	—	—	—	—	—	—	—	—	—	—	—
Iron (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—
Sulfate (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—
Manganese (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—
Nitrate (mg/l)	NE	NE	—	—	—	—	—	—	—	—	—	—	—

Note:

GRO = Gasoline Range Organics
VOCs = Volatile Organic Compounds
MTBE = Methyl Tert-Butyl Ether
µg/l = micrograms per liter
mg/L = milligrams per liter
mV = millivolts
NE = Not Established by Wisconsin Administrative Code (WAC)
ND = Not Detected above laboratory method detection limit
— = not analyzed
410 = WAC Prevention Action Limit Exceeded
15 = WAC Enforcement Standard Exceeded
s.u. = standard unit
uS = microsiemens
°C = degrees Celsius
Or = out of range
"J" or * = Analyte detected between Limits of Detection (LOD) and Limit of Quantitation (LOQ)
<x = Analyte not detected above laboratory limit of x
ORP = Oxidation Reduction Potential

WATER LEVEL DATA

Project: SSA430040

Location: SIREN, WISCONSIN

Personnel: PER, BJF

Well Number: MW200

Well Location:

Riser Elevation: 997.52

Ground Elevation: 998.05

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level Depth (ft. below grade)	Water Level Elevation (ft. sd)	Comments
12/28/94	0905	SWLP	14.68	15.51	982.84	Strong Odor
12/30/94	1015	SWLP	14.67	15.20	982.83	Strong Odor
01/06/95	1020	SWLP	14.67	15.20	982.83	Strong Odor
01/19/95	1200	SWLP	14.79	15.32	982.73	Strong Odor
01/23/95	1025	SWLP	14.88	15.41	982.64	Strong Odor
01/24/95	1052	SWLP	14.90	15.43	982.62	Strong Odor
02/20/95	1040	SWLP	15.02	15.55	982.50	Strong Odor
06/05/95	1130	SWLP	13.91	14.44	983.61	Strong Odor
06/12/95	1220	SWLP	13.81	14.34	983.71	Slight Odor
06/27/95	1112	SWLP	13.72	14.25	983.80	Slight Odor
07/06/95	1520	SWLP	13.83	14.36	983.69	Slight Odor
08/08/95	1612	SWLP	13.91	14.44	983.61	---
06/06/96	1448	SWLP	12.37	12.90	985.15	---
08/07/96	1120	SWLP	11.77	12.30	985.75	---
09/04/96	1300	SWLP	12.40	12.93	985.12	---
06/18/97	1125	SWLP	12.87	13.40	984.65	---
09/15/97	1155	SWLP	13.01	13.54	984.51	---
12/11/97	1315	SWLP	12.63	13.16	984.89	---
03/05/98	1207	SWLP	13.04	13.57	984.48	---
06/24/98	1200	SWLP	12.80	13.33	984.72	---
09/23/98	1404	SWLP	13.32	13.85	984.20	---
12/03/98	1135	SWLP	14.39	14.92	983.13	---
03/17/99	1110	SWLP	14.75	15.28	982.77	---
06/23/99	1246	SWLP	11.63	12.16	985.89	---
09/22/99	1213	SWLP	13.98	14.51	983.54	---
12/29/99	---	---	---	---	---	SWLP out of order
03/30/00	0945	SWLP	15.45	15.98	982.07	---
05/31/00	1130	SWLP	14.87	15.40	982.65	---
07/10/00	1135	SWLP	15.38	15.91	982.14	---
10/09/00	1059	SWLP	13.83	14.36	983.69	---
01/03/01	1237	SWLP	15.41	15.94	982.11	---
04/19/01	1116	SWLP	15.41	15.94	982.11	---
07/19/01	1122	SWLP	12.15	12.68	985.37	---
11/29/01	1147	SWLP	14.20	14.73	983.32	---
11/21/02	1207	SWLP	11.95	12.48	985.57	---
02/04/03	1300	SWLP	13.49	14.02	984.03	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to site datum.

WATER LEVEL DATA

Project: SSA430040

Location: SIREN, WISCONSIN

Personnel: PER, BJF

Well Number: MW300

Well Location:

Riser Elevation: 996.35

Ground Elevation: 996.81

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
12/28/94	0910	SWLP	14.81	15.27	981.67	Strong Odor
12/30/94	1019	SWLP	13.75	14.21	982.75	Strong Odor
01/06/95	1025	SWLP	13.75	14.21	982.75	Strong Odor
01/19/95	1140	SWLP	13.81	14.27	982.69	Strong Odor
01/23/95	1005	SWLP	13.88	14.34	982.62	Strong Odor
01/24/95	1046	SWLP	13.89	14.35	982.61	Strong Odor
02/20/95	1028	SWLP	14.05	14.51	982.45	Strong Odor
06/05/95	1112	SWLP	12.90	13.36	983.60	Strong Odor
06/12/95	1250	SWLP	12.60	13.06	983.75	Slight Odor
06/27/95	1100	SWLP	12.56	13.02	983.79	Slight Odor
07/06/95	1500	SWLP	12.63	13.09	983.72	Slight Odor
08/08/95	1430	SWLP	12.83	13.29	983.52	---
06/06/96	1407	SWLP	11.06	11.52	985.29	---
08/07/96	1035	SWLP	10.47	10.93	985.88	---
09/04/96	1126	SWLP	11.17	11.63	985.18	---
06/18/97	1237	SWLP	11.33	11.79	985.02	---
09/15/97	1020	SWLP	11.53	11.99	984.82	---
12/11/97	0953	SWLP	11.37	11.83	984.98	---
03/05/98	1015	SWLP	12.66	13.12	983.69	---
06/24/98	0943	SWLP	11.67	12.13	984.68	---
09/23/98	1340	SWLP	12.58	13.04	983.77	---
12/03/98	0904	SWLP	13.11	13.57	983.24	---
03/17/99	1055	SWLP	13.62	14.08	982.73	---
06/23/99	1138	SWLP	12.40	12.86	983.95	---
09/22/99	1201	SWLP	12.87	13.33	983.48	---
12/29/99	---	---	---	---	---	SWLP out of order
03/30/00	0903	SWLP	14.36	14.82	981.99	---
05/31/00	1115	SWLP	14.16	14.62	982.19	---
07/10/00	1108	SWLP	14.30	14.76	982.05	---
10/09/00	1030	SWLP	13.48	13.94	982.87	---
01/03/01	1220	SWLP	14.15	14.61	982.20	---
04/19/01	1049	SWLP	13.98	14.44	982.37	---
07/19/01	1037	SWLP	10.74	11.20	985.61	---
11/29/01	1121	SWLP	12.80	13.26	983.55	---
11/21/02	---	---	---	---	---	No Water Level Taken
02/04/03	---	---	---	---	---	No Water Level Taken

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to site datum.

WATER LEVEL DATA

Project: SSA430040

Location: SIREN, WISCONSIN

Personnel: PER, BJF

Well Number: MW400

Well Location:

Riser Elevation: 997.09

Ground Elevation: 997.75

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level Depth (ft. below grade)	Water Level Elevation (ft. sd)	Comments
12/28/94	0920	SWLP	16.27	16.93	980.82	No Odor
12/30/94	1025	SWLP	16.15	16.81	980.94	No Odor
01/06/95	1030	SWLP	16.15	16.81	980.94	No Odor
01/19/95	1140	SWLP	16.31	16.97	980.78	No Odor
01/23/95	1010	SWLP	16.39	17.05	980.70	No Odor
01/24/95	1026	SWLP	16.39	17.05	980.70	No Odor
02/20/95	1030	SWLP	16.60	17.26	980.49	No Odor
06/05/95	1117	SWLP	14.51	15.17	982.58	No Odor
06/12/95	1232	SWLP	14.10	14.76	982.99	Slight Odor
06/27/95	1052	SWLP	13.51	14.17	983.58	Very Slight Odor
07/06/95	1455	SWLP	13.60	14.26	983.49	Very Slight Odor
08/08/95	1445	SWLP	14.19	14.85	982.90	---
06/06/96	1230	SWLP	11.69	12.35	985.40	---
08/07/96	1025	SWLP	11.19	11.85	985.90	---
09/04/96	1130	SWLP	11.85	12.51	985.24	---
06/18/97	1135	SWLP	12.07	12.73	985.02	---
09/15/97	1100	SWLP	12.29	12.95	984.80	---
12/11/97	1130	SWLP	11.54	12.20	985.55	---
03/05/98	1132	SWLP	12.85	13.85	983.90	---
06/24/98	1045	SWLP	12.26	12.92	984.83	---
09/23/98	1420	SWLP	13.29	13.95	983.80	---
12/03/98	1117	SWLP	13.70	14.36	983.39	---
03/17/99	1120	SWLP	14.17	14.83	982.92	---
06/23/99	1230	SWLP	12.94	13.60	984.15	---
09/22/99	1148	SWLP	13.55	14.21	983.54	---
12/29/99	---	---	---	---	---	SWLP out of order
03/30/00	0921	SWLP	15.13	15.79	981.96	---
05/31/00	1125	SWLP	14.99	15.65	982.10	---
07/10/00	1124	SWLP	15.07	15.73	982.02	---
10/09/00	1045	SWLP	14.42	15.08	982.67	---
01/03/01	1222	SWLP	14.99	15.65	982.10	---
04/19/01	1109	SWLP	14.81	15.47	982.28	---
07/19/01	1046	SWLP	11.38	12.04	985.71	---
11/29/01	1158	SWLP	13.46	14.12	983.63	---
11/21/02	---	---	---	---	---	No Water Level Taken
02/04/03	---	---	---	---	---	No Water Level Taken

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to site datum.

WATER LEVEL DATA

Project: SSA430040

Location: SIREN, WISCONSIN

Personnel: PER, BJF

Well Number: MW500

Well Location:

Riser Elevation: 998.22

Ground Elevation: 998.61

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
01/19/95	1136	SWLP	15.46	15.85	982.76	No Odor
01/23/95	1015	SWLP	15.46	15.85	982.76	No Odor
01/24/95	1017	SWLP	15.45	15.84	982.77	No Odor
02/20/95	1035	SWLP	15.70	16.09	982.52	No Odor
06/05/95	----	----	----	----	----	----
06/12/95	----	----	----	----	----	----
06/27/95	1045	SWLP	14.32	14.71	983.90	No Odor
07/06/95	1450	SWLP	14.45	14.84	983.77	No Odor
08/08/95	1505	SWLP	14.52	14.91	983.70	---
06/06/96	1300	SWLP	12.81	13.20	985.41	---
08/07/96	1012	SWLP	12.45	12.84	985.77	---
09/04/96	1147	SWLP	13.14	13.53	985.08	---
06/18/97	1106	SWLP	13.45	13.84	984.77	---
09/15/97	1130	SWLP	13.77	14.16	984.45	---
12/11/97	1110	SWLP	13.48	13.87	984.74	---
03/05/98	1110	SWLP	14.29	14.68	983.93	---
06/24/98	1046	SWLP	13.59	13.98	984.63	---
09/23/98	1323	SWLP	14.58	14.97	983.64	---
12/03/98	1036	SWLP	14.95	15.34	983.27	---
03/17/99	1115	SWLP	15.33	15.72	982.89	---
06/23/99	1220	SWLP	14.15	14.54	984.07	---
09/22/99	1152	SWLP	14.71	15.10	983.51	---
12/29/99	---	---	---	---	---	SWLP out of order
03/30/00	0927	SWLP	16.13	16.52	982.09	---
05/31/00	1129	SWLP	15.93	16.32	982.29	---
07/10/00	1122	SWLP	15.81	16.20	982.41	---
10/09/00	1034	SWLP	15.37	15.76	982.85	---
01/03/01	1231	SWLP	15.91	16.30	982.31	---
04/19/01	1053	SWLP	15.85	16.24	982.37	---
07/19/01	1051	SWLP	12.73	13.12	985.49	---
11/29/01	1145	SWLP	14.76	15.15	983.46	---
11/21/02	---	---	---	---	---	No Water Level Taken
02/04/03	---	---	---	---	---	No Water Level Taken

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

----: No Water Levels Taken Due To Inaccessible Well Cover

NOTE: All water level elevations are referenced to site datum.

WATER LEVEL DATA

Project: SSA430040

Location: SIREN, WISCONSIN

Personnel: PER, BJF

Well Number: MW600

Well Location:

Riser Elevation: 996.54

Ground Elevation: 996.89

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
01/19/95	1130	SWLP	14.20	14.55	982.34	No Odor
01/23/95	1020	SWLP	14.32	14.67	982.22	No Odor
01/24/95	1011	SWLP	14.34	14.69	982.20	No Odor
02/20/95	1045	SWLP	14.72	15.07	981.82	No Odor
06/05/95	1112	SWLP	12.90	13.25	983.64	No Odor
06/12/95	1200	SWLP	12.57	12.92	983.97	Slight Odor
06/27/95	1025	SWLP	12.83	13.18	983.71	No Odor
07/06/95	1512	SWLP	12.94	13.29	983.60	No Odor
08/08/95	1545	SWLP	12.69	13.04	983.85	---
06/06/96	1345	SWLP	11.36	11.71	985.18	---
08/07/96	1050	SWLP	10.80	11.15	985.74	---
09/04/96	1102	SWLP	11.58	11.93	984.96	---
06/18/97	1042	SWLP	11.94	12.29	984.60	---
09/15/97	1124	SWLP	12.40	12.75	984.14	---
12/11/97	1053	SWLP	12.33	12.68	984.21	---
03/05/98	1050	SWLP	13.38	13.73	983.16	---
06/24/98	1105	SWLP	12.29	12.64	984.25	---
09/23/98	1254	SWLP	12.84	13.19	983.70	---
12/03/98	1010	SWLP	14.70	15.05	981.84	---
03/17/99	1105	SWLP	14.63	14.98	981.91	---
06/23/99	1242	SWLP	12.73	13.08	983.81	---
09/22/99	1154	SWLP	13.10	13.45	983.44	---
12/29/99	---	---	---	---	---	SWLP out of order
03/30/00	0928	SWLP	15.46	15.81	981.08	---
05/31/00	1138	SWLP	17.12	17.47	979.42	---
07/10/00	1129	SWLP	13.65	14.00	982.89	---
10/09/00	1039	SWLP	15.97	16.32	980.57	---
01/03/01	1228	SWLP	18.08	18.43	978.46	---
04/19/01	1103	SWLP	18.07	18.42	978.47	---
07/19/01	1109	SWLP	11.19	11.54	985.35	---
11/29/01	1150	SWLP	13.23	13.58	983.31	---
11/21/02	1209	SWLP	10.91	11.26	985.63	---
02/04/03	1257	SWLP	12.48	12.83	984.06	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to site datum.

WATER LEVEL DATA

Project: SSA430040

Location: SIREN, WISCONSIN

Personnel: PER, BJF

Well Number: MW700

Well Location:

Riser Elevation: 996.56

Ground Elevation: 997.33

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
06/05/95	1154	SWLP	12.97	13.72	983.61	Strong Odor
06/12/95	1140	SWLP	12.86	13.63	983.70	Strong Odor
06/27/95	1105	SWLP	12.80	13.57	983.76	Strong Odor
07/06/95	1527	SWLP	12.90	13.67	983.66	Strong Odor
08/08/95	1648	SWLP	13.05	13.82	983.51	---
06/06/96	1412	SWLP	11.45	12.22	985.11	---
08/07/96	1135	SWLP	10.70	11.47	985.86	---
09/04/96	1250	SWLP	11.35	12.12	985.21	---
06/18/97	1320	SWLP	11.50	12.27	985.06	---
09/15/97	1246	SWLP	11.75	12.52	984.81	---
12/11/97	1430	SWLP	11.42	12.19	985.14	---
03/05/98	1234	SWLP	12.37	13.14	984.19	---
06/24/98	1235	SWLP	11.41	12.18	985.15	---
09/23/98	1127	SWLP	12.41	13.18	984.15	---
12/03/98	0935	SWLP	13.15	13.92	983.41	---
03/17/99	1130	SWLP	15.59	16.36	980.97	---
06/23/99	1250	SWLP	11.42	12.19	985.14	---
09/22/99	1205	SWLP	12.45	13.22	984.11	---
12/29/99	---	---	---	---	---	SWLP out of order
03/30/00	0938	SWLP	14.17	14.94	982.39	---
05/31/00	1134	SWLP	14.04	14.81	982.52	---
07/10/00	1144	SWLP	14.33	15.10	982.23	---
10/09/00	1105	SWLP	13.53	14.30	983.03	---
01/03/01	1242	SWLP	14.19	14.96	982.37	---
04/19/01	1122	SWLP	14.17	14.94	982.39	---
07/19/01	1125	SWLP	10.80	11.57	985.76	---
11/29/01	1125	SWLP	12.84	13.61	983.72	---
11/21/02	1201	SWLP	10.53	11.30	986.03	---
02/04/03	1243	SWLP	12.11	12.88	984.45	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to site datum.

WATER LEVEL DATA

Project: SSA430040

Location: SIREN, WISCONSIN

Personnel: PER, BJF

Well Number: MW800

Well Location:

Riser Elevation: 996.55

Ground Elevation: 997.16

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level Depth (ft. below grade)	Water Level Elevation (ft. sd)	Comments
06/05/95	1200	SWLP	12.93	13.54	983.62	Slight Odor
06/12/95	1209	SWLP	12.78	13.39	983.77	Slight Odor
06/27/95	1040	SWLP	12.81	13.42	983.74	Slight Odor
07/06/95	1515	SWLP	12.92	13.53	983.63	Slight Odor
08/08/95	1718	SWLP	12.98	13.59	983.57	---
06/06/96	1415	SWLP	11.48	12.09	985.07	---
08/07/96	1055	SWLP	10.73	11.34	985.82	---
09/04/96	1253	SWLP	11.42	12.03	985.13	---
06/18/97	1245	SWLP	12.03	12.64	984.52	---
09/15/97	1228	SWLP	11.78	12.39	984.77	---
12/11/97	1415	SWLP	12.10	12.71	984.45	---
03/05/98	1228	SWLP	12.65	13.26	983.90	---
06/24/98	1224	SWLP	11.55	12.16	985.00	---
09/23/98	1329	SWLP	12.25	12.86	984.30	---
12/03/98	1052	SWLP	14.82	15.43	981.73	---
03/17/99	1059	SWLP	13.99	14.60	982.56	---
06/23/99	1244	SWLP	12.88	13.49	983.67	---
09/22/99	1202	SWLP	12.98	13.59	983.57	---
12/29/99	---	---	---	---	---	SWLP out of order
03/30/00	0931	SWLP	14.39	15.00	982.16	---
05/31/00	1135	SWLP	14.18	14.79	982.37	---
07/10/00	1135	SWLP	14.62	15.23	981.93	---
10/09/00	1057	SWLP	14.02	14.63	982.53	---
01/03/01	1234	SWLP	14.67	15.28	981.88	---
04/19/01	1121	SWLP	14.58	15.19	981.97	---
07/19/01	1114	SWLP	11.60	12.21	984.95	---
11/29/01	1154	SWLP	13.28	13.89	983.27	---
11/21/02	1205	SWLP	11.04	11.65	985.51	---
02/04/03	1240	SWLP	12.62	13.23	983.93	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to site datum.

WATER LEVEL DATA

Project: SSA430040

Location: SIREN, WISCONSIN

Personnel: PER, BJF

Well Number: MW900

Well Location:

Riser Elevation: 997.04

Ground Elevation: 997.46

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
06/05/95	1135	SWLP	13.46	13.88	83.58	Strong Odor
06/12/95	1215	SWLP	13.35	13.77	983.69	Strong Odor
06/27/95	1120	SWLP	13.28	13.70	983.76	Strong Odor
07/06/95	1525	SWLP	13.40	13.82	983.64	Strong Odor
08/08/95	1703	SWLP	13.47	13.89	983.57	---
06/06/96	1505	SWLP	12.04	12.46	985.00	---
08/07/96	1107	SWLP	11.24	11.66	985.80	---
09/04/96	1245	SWLP	11.90	12.32	985.14	---
06/18/97	1315	SWLP	12.04	12.46	985.00	---
09/15/97	1200	SWLP	12.00	12.42	985.04	---
12/11/97	1340	SWLP	11.84	12.26	985.20	---
03/05/98	1205	SWLP	12.69	13.11	984.35	---
06/24/98	1223	SWLP	11.83	12.25	985.21	---
09/23/98	1355	SWLP	12.61	13.03	984.43	---
12/03/98	1132	SWLP	13.60	14.02	983.44	---
03/17/99	1123	SWLP	13.98	14.40	983.06	---
06/23/99	1245	SWLP	12.87	13.29	984.17	---
09/22/99	1208	SWLP	13.09	13.51	983.95	---
12/29/99	---	---	---	---	---	SWLP out of order
03/30/00	0949	SWLP	14.55	14.97	982.49	---
05/31/00	1132	SWLP	14.18	14.60	982.86	---
07/10/00	1143	SWLP	14.67	15.09	982.37	---
10/09/00	1055	SWLP	14.02	14.44	983.02	---
01/03/01	1236	SWLP	14.64	15.06	982.40	---
04/19/01	1119	SWLP	14.70	15.12	982.34	---
07/19/01	1116	SWLP	11.30	11.72	985.74	---
11/29/01	1143	SWLP	13.37	13.79	983.67	---
11/21/02	1204	SWLP	11.10	11.52	985.94	---
02/04/03	1242	SWLP	12.64	13.06	984.40	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to site datum.

WATER LEVEL DATA

Project: SSA430040

Location: SIREN, WISCONSIN

Personnel: PER, BJF

Well Number: MW1000

Well Location:

Riser Elevation: 997.21

Ground Elevation: 997.59

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level Depth (ft. below grade)	Water Level Elevation (ft. sd)	Comments
06/05/95	1142	SWLP	13.56	13.94	983.65	Slight Odor
06/12/95	1242	SWLP	13.48	13.86	983.73	Slight Odor
06/27/95	1125	SWLP	13.37	13.75	983.84	Slight Odor
07/06/95	1520	SWLP	13.47	13.85	983.74	Slight Odor
08/08/95	1630	SWLP	13.65	14.03	983.56	---
06/06/96	1445	SWLP	12.08	12.46	985.13	---
08/07/96	1100	SWLP	11.35	11.73	985.86	---
09/04/96	1200	SWLP	12.00	12.38	985.21	---
06/18/97	1151	SWLP	12.10	12.48	985.11	---
09/15/97	1235	SWLP	11.89	12.27	985.32	---
12/11/97	1245	SWLP	11.32	11.70	985.89	---
03/05/98	1145	SWLP	12.77	13.15	984.44	---
06/24/98	1203	SWLP	11.99	12.37	985.22	---
09/23/98	1425	SWLP	13.11	13.49	984.10	---
12/03/98	1100	SWLP	13.59	13.97	983.62	---
03/17/99	1120	SWLP	13.96	14.34	983.25	---
06/23/99	1152	SWLP	12.93	13.31	984.28	---
09/22/99	1210	SWLP	13.24	13.62	983.97	---
12/29/99	---	---	---	---	---	SWLP out of order
03/30/00	0942	SWLP	14.70	15.08	982.51	---
05/31/00	1127	SWLP	14.61	14.99	982.60	---
07/10/00	1139	SWLP	14.80	15.18	982.41	---
10/09/00	1102	SWLP	14.09	14.47	983.12	---
01/03/01	1240	SWLP	14.72	15.10	982.49	---
04/19/01	1113	SWLP	14.82	15.20	982.39	---
07/19/01	1118	SWLP	11.40	11.78	985.81	---
11/29/01	1159	SWLP	13.36	13.74	983.85	---
11/21/02	1203	SWLP	11.21	11.59	986.00	---
02/04/03	1302	SWLP	12.77	13.15	984.44	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to site datum.

WATER LEVEL DATA

Project: SSA430040

Location: SIREN, WISCONSIN

Personnel: PER, BJF

Well Number: MW1100

Well Location:

Riser Elevation: 996.17

Ground Elevation: 996.65

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level Depth (ft. below grade)	Water Level Elevation (ft. sd)	Comments
06/05/95	1109	SWLP	15.70	16.18	980.47	No Odor
06/12/95	1150	SWLP	14.90	15.38	981.27	No Odor
06/27/95	1035	SWLP	14.64	15.12	981.53	Very Slight Odor
07/06/95	1505	SWLP	14.76	15.24	981.41	Very Slight Odor
08/08/95	1535	SWLP	14.61	15.09	981.56	---
06/06/96	1315	SWLP	11.05	11.53	985.12	---
08/07/96	1040	SWLP	10.45	10.93	985.72	---
09/04/96	1110	SWLP	11.15	11.63	985.02	---
06/18/97	1000	SWLP	11.50	11.98	984.67	---
09/15/97	1027	SWLP	11.62	12.10	984.55	---
12/11/97	1015	SWLP	11.92	12.40	984.25	---
03/05/98	1030	SWLP	13.15	13.63	983.02	---
06/24/98	1025	SWLP	11.87	12.35	984.30	---
09/23/98	1315	SWLP	12.65	13.13	983.52	---
12/03/98	0940	SWLP	14.46	14.94	981.71	---
03/17/99	1100	SWLP	13.82	14.30	982.35	---
06/23/99	1235	SWLP	12.47	12.95	983.70	---
09/22/99	1158	SWLP	13.22	13.70	982.95	---
12/29/99	---	---	---	---	---	SWLP out of order
03/30/00	0930	SWLP	14.67	15.15	981.50	---
05/31/00	1139	SWLP	14.48	14.96	981.69	---
07/10/00	1132	SWLP	14.55	15.03	981.62	---
10/09/00	1050	SWLP	13.78	14.26	982.39	---
01/03/01	1232	SWLP	14.48	14.96	981.69	---
04/19/01	1057	SWLP	14.31	14.79	981.86	---
07/19/01	1105	SWLP	10.80	11.28	985.37	---
11/29/01	1153	SWLP	12.81	13.29	983.36	---
11/21/02	---	---	---	---	---	No Water Level Taken
02/04/03	---	---	---	---	---	No Water Level Taken

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to site datum.

WATER LEVEL DATA

Project: SSA430040

Location: SIREN, WISCONSIN

Personnel: PER, BJF

Well Number: MW1200

Well Location:

Riser Elevation: 999.51, 996.46**

Ground Elevation: 996.66

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level Depth (ft. below grade)	Water Level Elevation (ft. sd)	Comments
06/05/95	1107	SWLP	16.01	13.16	983.50	No Odor
06/12/95	1156	SWLP	15.95	13.10	983.56	No Odor
06/27/95	1030	SWLP	15.96	13.11	983.55	No Odor
07/06/95	1510	SWLP	16.05	13.20	983.46	No Odor
08/08/95	1520	SWLP	16.04	13.19	983.47	---
06/06/96	1332	SWLP	14.36	11.51	985.15	---
08/07/96	1045	SWLP	13.05	10.20	986.46	---
09/04/96	1100	SWLP	14.56	11.71	984.95	---
06/18/97	1038	SWLP	15.03	12.18	984.48	---
09/15/97	1100	SWLP	15.07	12.22	984.44	---
12/11/97	1028	SWLP	15.55	12.70	983.96	---
03/05/98	1045	SWLP	16.60	13.75	982.91	---
06/24/98	1017	SWLP	15.39	12.54	984.12	---
09/23/98	1212	SWLP	16.11	13.26	983.40	---
12/03/98	0954	SWLP	17.78	14.93	981.73	---
03/17/99	1103	SWLP	17.12	14.27	982.39	---
06/23/99	1240	SWLP	15.84	12.99	983.67	---
09/22/99	1157	SWLP	16.29	13.44	983.22	---
12/29/99	---	---	---	---	---	SWLP out of order
03/30/00	0929	SWLP	17.84	14.99	981.67	
05/31/00	1137	SWLP	17.70	14.85	981.81	---
07/10/00	1128	SWLP	17.19	14.34	982.32	---
10/09/00	1053	SWLP	13.91	14.11	982.55	---
01/03/01	1226	SWLP	14.56	14.76	981.90	---
04/19/01	1106	SWLP	14.23	14.43	982.23	---
07/19/01	1102	SWLP	11.19	11.39	985.27	---
11/29/01	1151	SWLP	13.20	13.40	983.26	---
11/21/02	---	---	---	---	---	No Water Level Taken
02/04/03	---	---	---	---	---	No Water Level Taken

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

** = resurveyed when protective stick-up cover and riser were cut off and transformed into flush mount

NOTE: All water level elevations are referenced to site datum.

South Side Auto Repair
23750 Highway 35, Siren, Wisconsin
(WDNR# 03-07-000727) (PECFA# 54872-0182-69)

I, Scott Thomas (please print) hereby certify that the legal descriptions attached to this statement are complete and accurate for all of the properties within or partially within the contaminated site's boundaries that have ground-water contamination that exceeds ch. NR 140 enforcement standards at the time closure is requested.

Signed by Responsible Party: Scott G. Thomas Date: 7-22-08

Shan Moquin

From: Siren Village <clcarson@sirentel.net>
To: Shan Moquin
Sent: Friday, March 14, 2003 1:00 PM
Subject: Re: Notification of Contamination in Right of Way
Thank you for notifying the Village about the residual contamination.

I would like a map regarding the residual contamination in the HWY 35 Right of Way. You can mail it to P.O. Box 23,
Siren, WI 54872.

> ----- Original Message -----
> **From:** Shan Moquin
> **To:** clcarson@sirentel.net
> **Sent:** Friday, March 14, 2003 9:51 AM
> **Subject:** Fw: Notification of Contamination in Right of Way
>
> Please respond with a short email that you have received this message. I tried to send you a map with the location of the residual contamination in the Hwy 35 right of way but the file was to big for your server to accept and it would not go through to you. I can send it in the mail if you like. Let me know. Also please aknowledge that you have received my email letting you know of the residual contamination. Thanks, Shan Moquin, Environmental Scientist, Northern Environmental Technologies, Inc.
> ----- Original Message -----
> **From:** Shan Moquin
> **To:** clcarson@sirentel.net
> **Sent:** Thursday, March 13, 2003 3:23 PM
> **Subject:** Notification of Contamination in Right of Way
>
> County: Burnett
> Highway: State Highway 35
> Site Name: South Side Auto Repair
> Site Address: 23750 Highway 35, Siren, WI 54872
> BRRTS Number: 03-07-000727
> PECFA Number: 54872-0182-69
> DNR FID Number: 807068680
> Owner's Name: Scott Thomas
> Owner's Address: P.O. Box 182, Siren, WI 54872
> Consulting Firm: Northern Environmental Technologies, Inc.
> Consultant Contact: Shan Moquin
> Consultant Address: 330 South 4th Avenue, Park Falls, WI 54552
> Consultant Phone: 715-762-1544
> Consultant Fax: 715-762-1844
> Consultant Email: smoquin@northernenvironmental.com
> Soil Contamination: No
> Ground-water Contamination: Yes
> Depth to Water Table: 13 to 15 fbg
> Type of Contamination Present: PVOCs (unleaded gasoline)
> Summary of Clean-up Activity: remedial excavation to remove contaminated soil, operation of SVE/AS remediation system, natural attenuation ground-water monitoring

Shan Moquin

From: TeBeest, Sharlene <sharlene.tebeest@dot.state.wi.us>
To: 'Shan Moquin'
Sent: Thursday, March 13, 2003 12:10 PM
Subject: RE: Notification of Contamination within Right of Way

Thank you Shan, I've received your notification for the South Side Auto Repair site.

Shar

Shar Te Beest
Hazardous Materials Specialist
Wisconsin Department of Transportation
Bureau of Environment
Phone (608) 266-1476; Fax (608) 266-7818
e-mail: sharlene.tebeest@dot.state.wi.us

-----Original Message-----
From: Shan Moquin [mailto:smoquin@northernenvironmental.com]
Sent: Thursday, March 13, 2003 11:32 AM
To: TeBeest, Sharlene
Cc: clcarson@sirentel.net
Subject: Notification of Contamination within Right of Way

County: Burnett
Highway: State Highway 35
Site Name: South Side Auto Repair
Site Address: 23750 Highway 35, Siren, WI 54872
BRRTS Number: 03-07-000727
PECFA Number: 54872-0182-69
DNR FID Number: 807068680
Owner's Name: Scott Thomas
Owner's Address: P.O. Box 182, Siren, WI 54872
Consulting Firm: Northern Environmental Technologies, Inc.
Consultant Contact: Shan Moquin
Consultant Address: 330 South 4th Avenue, Park Falls, WI 54552
Consultant Phone: 715-762-1544
Consultant Fax: 715-762-1844
Consultant Email: smoquin@northernenvironmental.com
Soil Contamination: No
Ground-water Contamination: Yes
Depth to Water Table: 13 to 15 fbg
Type of Contamination Present: PVOCs (unleaded gasoline)
Summary of Clean-up Activity: remedial excavation to remove contaminated soil, operation of SVE/AS remediation system, natural attenuation ground-water monitoring