GIS REGISTRY INFORMATION

SITE NAME: Ray's Auto Repair

BRRTS # 03-51-153760 FID # (if appropriate):

COMMERCE #: (if appropriate) 54515-0206-91

CLOSURE DATE: May 9, 2006

STREET ADDRESS: W9191 USH 8

CITY: Catawba

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 478681 Y= 562681

CONTAMINATED MEDIA: Groundwater [ ] Soil [ ] Both [X]

OFF-SOURCE 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 issued [X]
- Copy of most recent deed, including legal description, for all affected properties [ ]
- Certified survey map or relevant portion of the recorded plat map *(if referenced in the legal description)* for all affected properties N/A [X]
- County Parcel ID number, *if used for county*, for all affected properties on deed [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) [X]
- 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. [X]
- 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) N/A [ ]
- Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW) [X]
- Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure.* N/A [ ]

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
John Gozdzialski, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-3349
Telephone 715-365-8900
FAX 715-365-8932
TTY Access via relay - 711

May 18, 2006

Estate of Raymond Makovsky
c/o Dale Onchuck
135 North Lake Ave
Phillips, WI 54555

SUBJECT: Final Case Closure By Closure Committee with Conditions Met
Ray's Auto Repair, W9191 STH 8, Catawba, WI
WDNR BRRTS Activity #: 03-51-153760
PECFA# 54515-0206-91

Dear Mr. Onchuck:

On January 5, 2006, the Northern Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On February 9, 2006, you were notified that the Closure Committee had granted conditional closure to this case.

On May 9, 2006, the Department received correspondence indicating that you have complied with the requirements of closure. 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.

FUTURE EXCAVATION OF RESIDUAL CONTAMINATED SOIL

Residual soil contamination remains at the site as indicated in the information submitted to the Department of Natural Resources. If soil in these specific locations is excavated in the future, the property owner at the time of excavation will be required to sample and analyze the excavated soil to determine whether the contamination still remains. If contamination remains, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard at the time of excavation. **Special precautions may need to be taken during excavation activities to prevent a direct contact health threat to humans.** Based upon the results of sample analysis, the current owner will also have to properly store, treat, or dispose of any excavated materials, in accordance with state and federal laws.

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 GIS Registry. To review the sites on the GIS Registry web page, visit http://dnr.wi.gov/org/aw/rr/gis/index.htm. If your property is listed on the GIS Registry and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the

GIS Registry, in accordance with s. NR 812.09(4)(w). To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

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

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

Sincerely,
NORTHERN REGION

Janet Kazda

Janet Kazda
Remediation and Redevelopment Program

cc: File
Phil Richard, Park Falls

Hollie DePuydt
Northern Environmental, Inc
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
John Gozdzialski, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-3349
Telephone 715-365-8900
FAX 715-365-8932
TTY Access via relay - 711

May 2, 2006

Estate of Raymond Makovsky
c/o Dale Onchuck
135 North Lake Ave
Phillips, WI 54555

Subject: GIS Registry Submittal for Ray's Auto Repair, W9191 STH 8, Catawba, WI
BRRTS # 03-51-153760
PECFA # 54515-0206-91

Dear Mr. Onchuck:

The Department of Natural Resources has received the GIS Registry information and monitoring well abandonment documentation from Northern Environmental, Inc.. Several items from the submittal need clarification and correction:

1. Figure 10 Estimated Extent of Post-Remedial Groundwater Contamination dated 5/25/05 by Northern Environmental appears to show that post-remedial groundwater contamination migrating from the source (between a house and the service garage) onto Highway 8. Because property boundaries are not indicated on this map, we are unable to determine whether there are one or two (or more) parcels of property, in addition to the highway right of way, that are affected by the contamination. In order to help us clarify, and for the sake of all future users of the GIS Registry, please ask your consultant to resubmit this diagram with the property boundaries shown and the Parcel ID numbers indicated.
2. Numerous deeds have been submitted for the GIS Registry in relation to this site. The last correspondence from Northern Environmental also listed seven different Price County Parcel ID numbers. This has been very confusing, especially since we don't have a map with parcel boundaries, but at this time, we assume that all the parcels refer to the property at W9191 STH 8, Catawba. Please provide a written explanation to clarify the situation.
3. The FAX copy of the Personal Representative's deed did not make a good enough copy for the purposes of the GIS Registry. Please send me a copy made directly from the original Deed. FAXed copies do not scan well and are generally unusable for viewing on a computer.

If you have any questions regarding this letter, please contact me at 715-365-8990.

Sincerely,
NORTHERN REGION

Janet Kazda

Janet Kazda
Remediation and Redevelopment Program

cc: File
Phil Richard, Park Falls

Hollie DePuydt
Northern Environmental
330 S 4th Ave
Park Falls, WI 54452

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
John Gozdzialski, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-3349
Telephone 715-365-8900
FAX 715-365-8932
TTY Access via relay - 711

February 9, 2006

Estate of Raymond Makovsky
c/o Dale Onchuck
135 North Lake Ave
Phillips, WI 54555

Subject: Conditional Closure Decision with Requirements to Achieve Final Closure
Ray's Auto Repair, W9191 STH 8, Catawba, Wisconsin
WDNR BRRTS Activity # **03-51-153760**
PECFA # 54515-0206-91

Dear Dale:

On January 5, 2006, the Northern Region Closure Committee reviewed your request for closure of the case described above. **The Committee did not review the Environmental Repair case, BRRTS # 02-51-000009, and this letter does not apply to that case.** 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 and leaded gasoline contamination on the site appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

1. 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/dwg/gw/ or provided by the Department of Natural Resources. **PLEASE NOTE:** The monitoring wells at this site may be used in the future for the investigation of the Environmental Repair case at this site (BRRTS # 02-51-000009). If you choose to leave the monitoring wells in place, rather than abandoning them at this time, please inform the Department of this in a letter to me at the above address.
2. The GIS information submitted did not include Price County Tax Parcel ID numbers. In addition, there were only two deeds submitted with the packet, but the RP-certified statement included a list of seven parcels. The Price County Land Information map seems to show four parcels involved. Were some deeds left out of the packet? The Department of Natural Resources does not require all property owned by the RP to be included in the Registry. However, all property that has been contaminated should be included. For the purposes of clarification, please provide the following information for each contaminated parcel in a chart format similar to this:

Parcel #	Deed Document #	Tax Parcel ID #

If appropriate, the RP-certified statement should also be modified.

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 GIS Registry. To review the site on the GIS Registry web page, visit http://maps.dnr.state.wi.us/brrts.

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. If you have any questions regarding the Environmental Repair Case please contact Phil Richard at 715-762-1352 in the Park Falls Office.

Sincerely,
NORTHERN REGION

Janet Kazda

Janet Kazda
Remediation and Redevelopment Program

cc: File
Phil Richard, Park Falls

Hollie DePuydt
Northern Environmental Inc
330 S 4th Ave
Park Falls, WI 54552

332039

STATE BAR OF WISCONSIN FORM 5 - 1998

PERSONAL REPRESENTATIVE'S DEED

15.00

Document Number

REGISTER OF DEEDS OFFICE
PRICE COUNTY, WIS.
Received for Record
JUL 28 2005
AT 9:45 O'CLOCK A M. DULY RECORDED
REGISTER OF DEEDS

CHAD R. MAKOVSKY

_____, as Personal Representative of the estate of RAYMOND H. MAKOVSKY, also known as RAYMOND MAKOVSKY, ("Decedent"), for a valuable consideration conveys, without warranty, to JR'S AUTOMOTIVE AND CUSTOMES LLC, a limited liability company organized and existing under the laws of the State of Wisconsin Grantee, the following described real estate in Price County, State of Wisconsin (The "Property"):

TRANSFER $270.00 FEE

AS PER ATTACHED SUPPLEMENT

Recording Area

Name and Return Address

Onchuck Law Office, S.C.

111-1018-09 & 10, 111-1019-06
111-1020-08 & 10, 111-1021-01 & 02

Parcel Identification Number (PIN)

Seller reserves the exclusive occupancy of the premises until September 1, 2005.

Personal Representative by this deed does convey to Grantee all of the estate and interest in the Property which the Decedent had immediately prior to Decedent's death, and all of the estate and interest in the Property which the Personal Representative has since acquired.

Dated this 24th day of July, 2005.

_____ (SEAL)

* _____
Personal Representative

_____ (SEAL)

* CHAD R. MAKOVSKY
Personal Representative

AUTHENTICATION

Signature(s) _____

authenticated this _____ day of _____, _____

* _____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

DALE E. ONCHUCK - ONCHUCK LAW OFFICE, S.C.

135 North Lake Avenue, Phillips, WI 54555

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

ACKNOWLEDGMENT

State of Arizona
Maricopa County } ss.

Personally came before me this 24th day of July, 2005, the above named Chad R. Makovsky to me known to be the person who executed the foregoing instrument and acknowledge the same.

* Yoshi Mitchell
Notary Public, State of Arizona
My commission is permanent. (If not, state expiration date: _____.)

OFFICIAL SEAL
YOSHI MITCHELL
NOTARY PUBLIC-ARIZONA
MARICOPA COUNTY
My Comm. Expires July 8, 2008

* Names of persons signing in any capacity must be typed or printed below their signature.

Wisconsin Legal Blank Co., Inc. Milwaukee, Wis.

LEGAL DESCRIPTION

Parcel 1: A parcel of land located in the Northeast Quarter (NE¼) of the Northwest Quarter (NW¼), Section Eight (8), Township Thirty-five (35) North, Range One (1) West described as follows: Commencing at the Northwest corner of the NE NW, 8-35-1 West, thence running East 175 feet, thence South 150 feet, thence West 175 feet, thence North 150 feet to the place of beginning.

Parcel 2: A parcel of land located in the Northeast Quarter (NE¼) of the Northwest Quarter (NW¼), Section Eight (8), Township Thirty-five (35) North, Range One (1) West described as follows: Commencing at the Northwest corner of the NE NW, 8-35-1 West, thence running East 175 feet to the place of beginning, thence South 123 feet, thence East 23 feet, thence North 123 feet, thence West 23 feet to the place of beginning.

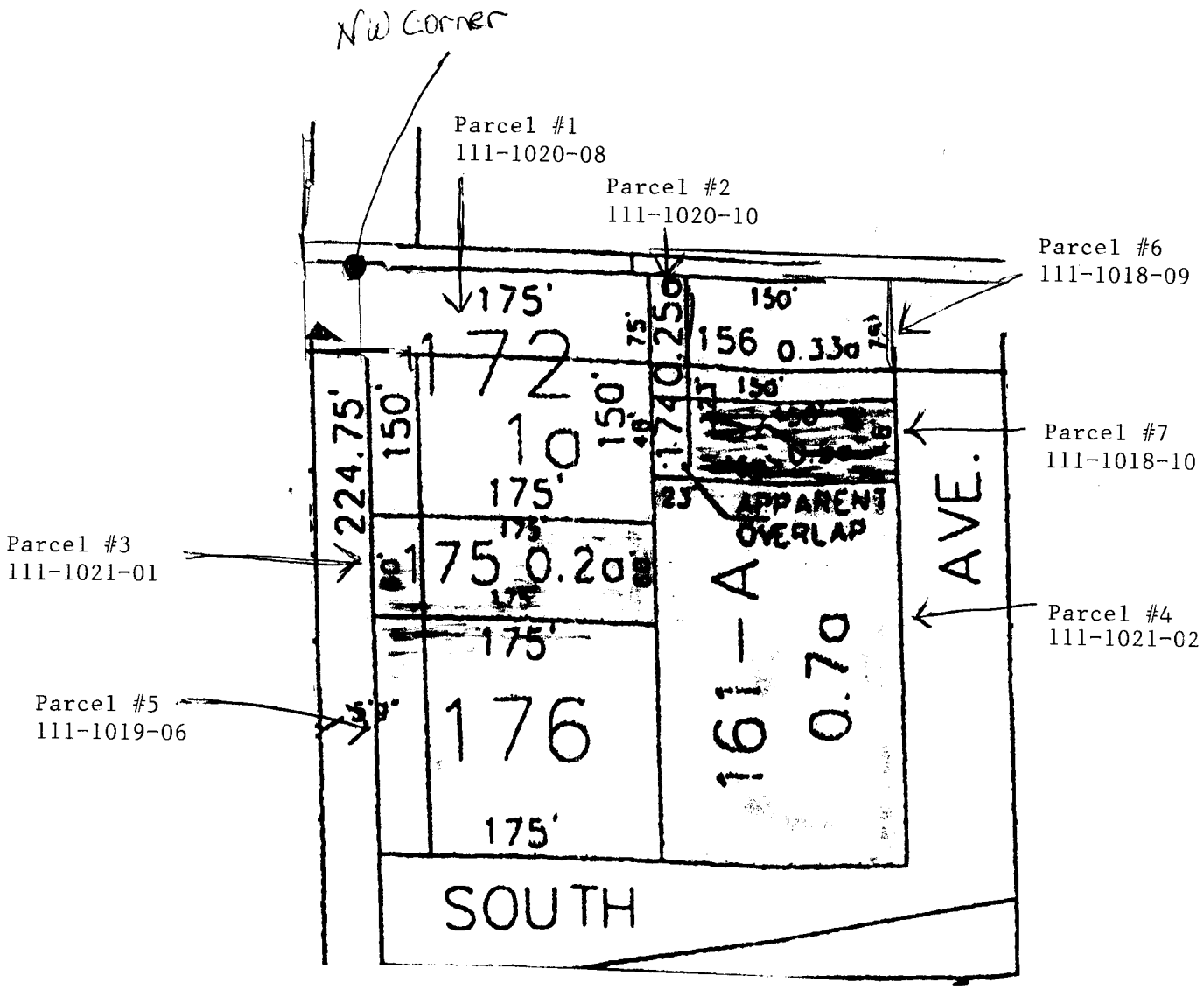
Parcel 3: A parcel of land located in the Northeast Quarter (NE¼) of the Northwest Quarter (NW¼), Section Eight (8), Township Thirty-five (35) North, Range One (1) West described as follows: Commencing at a point 150 feet South of the Northwest corner of the NE NW, 8-35-1 West; thence running East 175 feet; thence South 60 feet; thence West 175 feet; thence North 60 feet to the place of beginning.

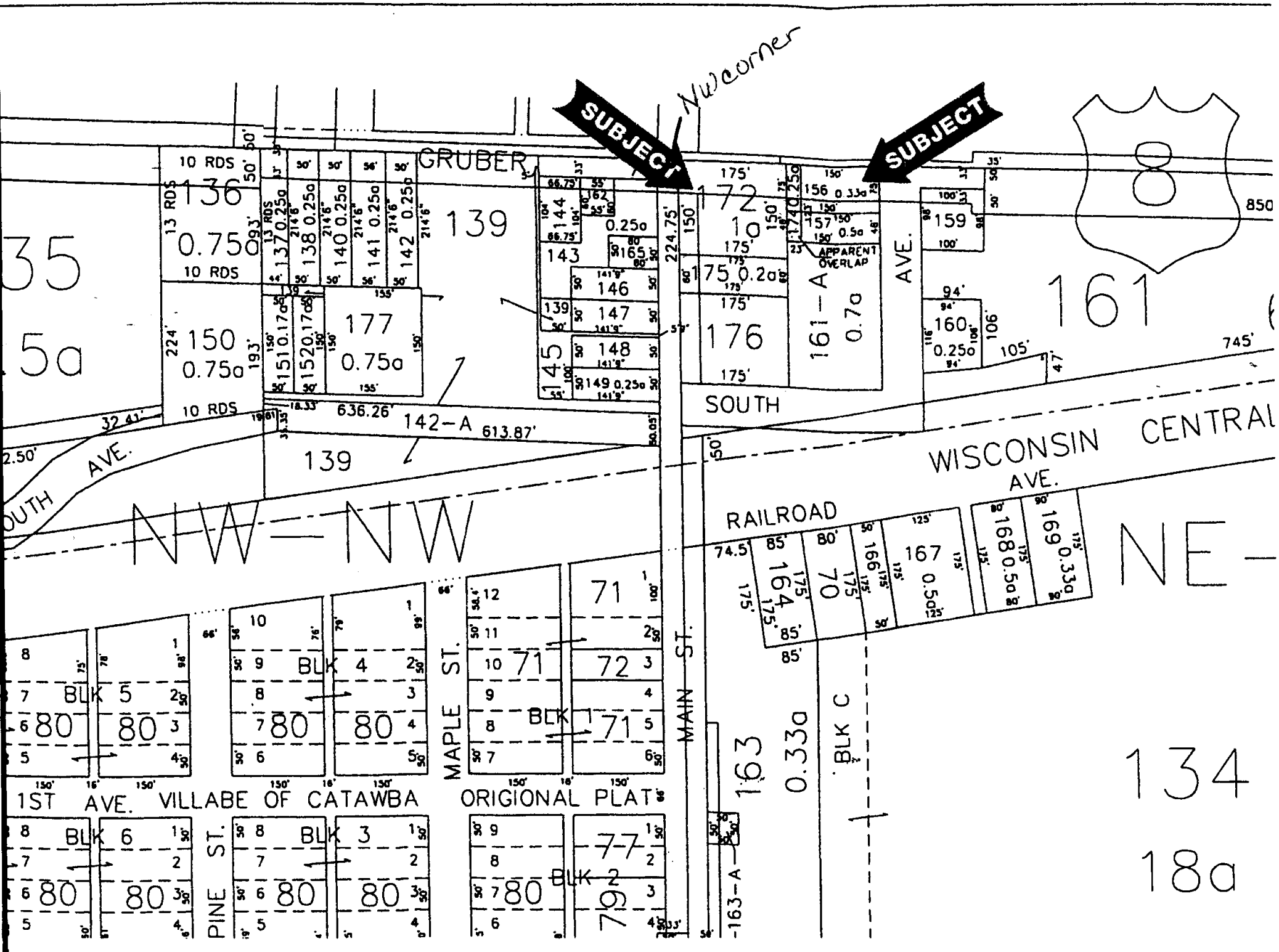
Parcel 4: A parcel of land located in the Northeast Quarter (NE¼) of the Northwest Quarter (NW¼), Section Eight (8), Township Thirty-five (35) North, Range One (1) West described as follows: Commencing at a point 175 feet East of the Northwest corner of the NE NW, 8-35-1 West, thence running South 123 feet to place of beginning, thence East 150 feet, thence South 227 feet, thence West 150 feet, thence North 227 feet to place of beginning.

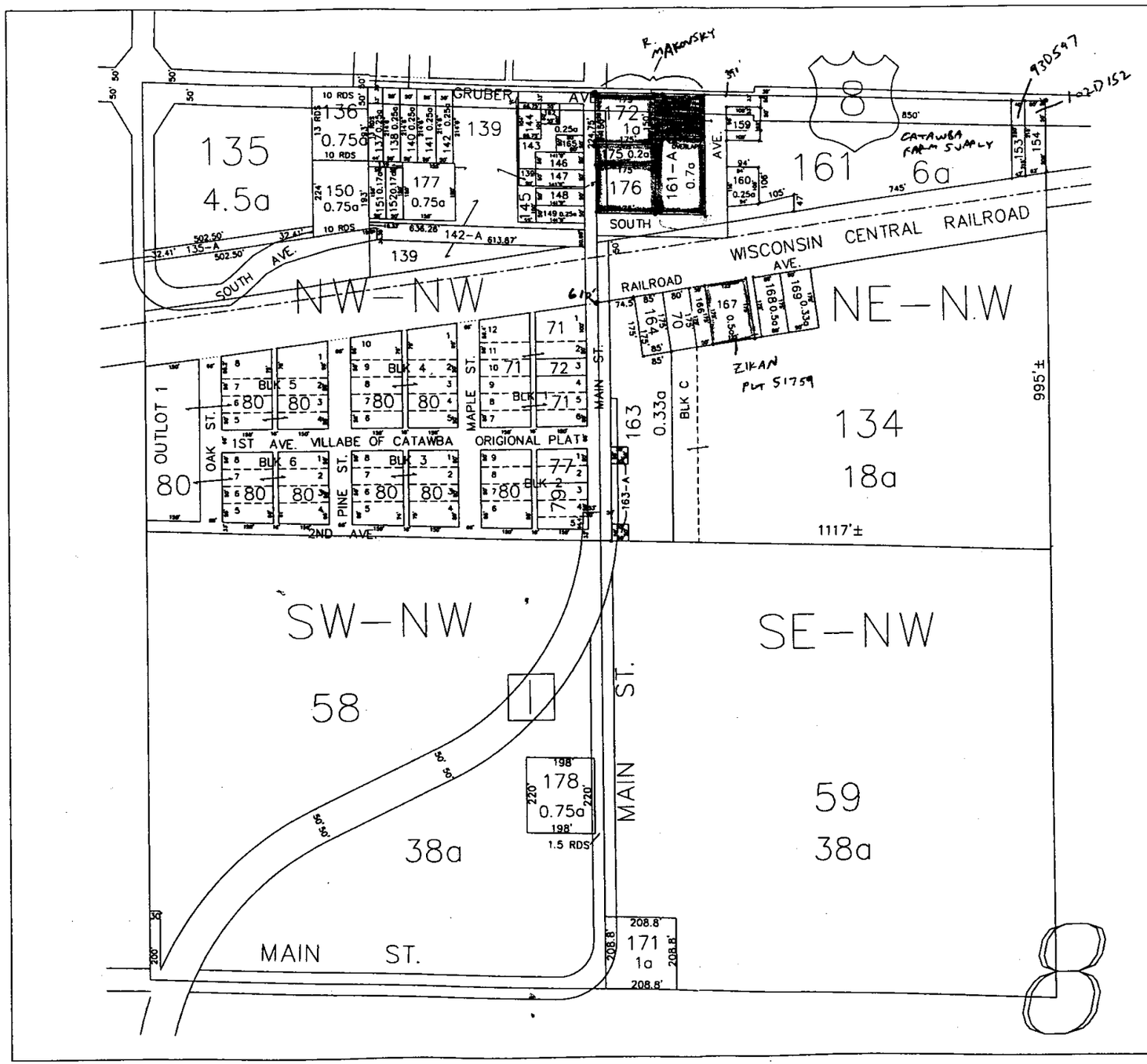
Parcel 5: A parcel of land located in the Northeast Quarter (NE¼) of the Northwest Quarter (NW¼), Section Eight (8), Township Thirty-five (35) North, Range One (1) West described as follows: A parcel of land commencing at a point 150 feet South of the Northwest corner of the NE NW, 8-35-1 West; thence running East 175 feet; thence South 200 feet; thence West 175 feet; thence North 200 feet to place of beginning, less a lot 60 feet North and South and 175 feet East and West in the North end of the above described tract, in Price County, Wisconsin.

Parcel 6: A parcel of land in the Northeast Quarter (NE 1/4) of the Northwest Quarter (NW 1/4), Section Eight (8), Township Thirty-five (35) North, of Range One (1) West described as follows: Commencing at a point 175 feet East of the Southeast corner of the SW SW, 5-35-1 West, thence running South 75 feet, thence East 150 feet, thence North 75 feet, thence West 150 feet, to place of beginning, EXCEPT the West 23 feet thereof.

Parcel 7: A parcel of land in the Northeast Quarter (NE 1/4) of the Northwest Quarter (NW 1/4), Section Eight (8), Township Thirty-five (35) North, of Range One (1) West described as follows: Commencing at the Northwest corner of the NE NW, 8-35-1 West, thence running East 175 feet, thence South 75 feet, to the starting point, thence East 150 feet, thence South 48 feet, thence West 150 feet, thence North 48 feet, to place of beginning, EXCEPT the West 23 feet thereof.


NW Corner
Parcel #1
111-1020-08
Parcel #2
111-1020-10
Parcel #6
111-1018-09
Parcel #7
111-1018-10
Parcel #3
111-1021-01
Parcel #4
111-1021-02
Parcel #5
111-1019-06
175'
172
150'
156
0.33a
150'
174
0.25a
224.75'
150'
175'
175
0.2a
175'
176
175'
161 - A
0.7a
APPARENT OVERLAP
AVE.
SOUTH


SUBJECT
NW corner
SUBJECT
GRUBER
SOUTH
AVE.
WISCONSIN CENTRAL
RAILROAD
AVE.
MAIN ST.
MAPLE ST.
PINE ST.
1ST AVE.
VILLABE OF CATAWBA
ORIGIONAL PLAT
NW-NW
NE-
APPARENT OVERLAP
636.26'
613.87'
142-A
139
136
0.75a
10 RDS
13 RDS
137 0.25a
138 0.25a
140 0.25a
141 0.25a
142 0.25a
144
143
165
146
147
148
149 0.25a
145
151 0.17a
152 0.17a
177
0.75a
150
0.75a
172
1a
175 0.2a
176
156 0.33a
157 0.5a
161-A
0.7a
159
160
0.25a
161
8
850
745'
105'
106
94'
224.75'
224'
193'
32.41'
2.50'
BLK 5
BLK 4
BLK 1
BLK 6
BLK 3
BLK 2
BLK C
80
71
72
77
79
164
70
166
167 0.5a
168 0.5a
169 0.33a
163
0.33a
-163-A
134
18a

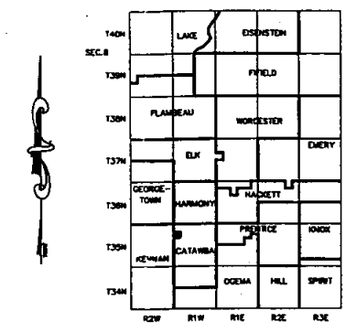


PRICE COUNTY LAND INFORMATION SECTION MAP

VILLAGE OF CATAWBA

NW 1/4

SEC. 8, T35N-R1W



1 INCH = 300 FT.

THIS MAP DOES NOT REPRESENT SURVEY OF THE PARCELS SHOWN AND SHOULD NOT BE USED IN REFERENCE TO/FOR CONVEYANCE OF REAL PROPERTY OR GUARANTEEING TITLE THEREOF.
THIS MAP REPRESENTS A SKETCH OF THE PARCELS LISTED IN THE PRICE COUNTY TAX ROL AND IS INTENDED TO AID IN THE TRACKING OF PARCELS. THE PARCELS ARE MAPPED FROM AVAILABLE PUBLIC RECORDS AND MAY NOT REPRESENT THE LOCATION OF THE PARCELS AS THE EXIST ON THE GROUNDS.

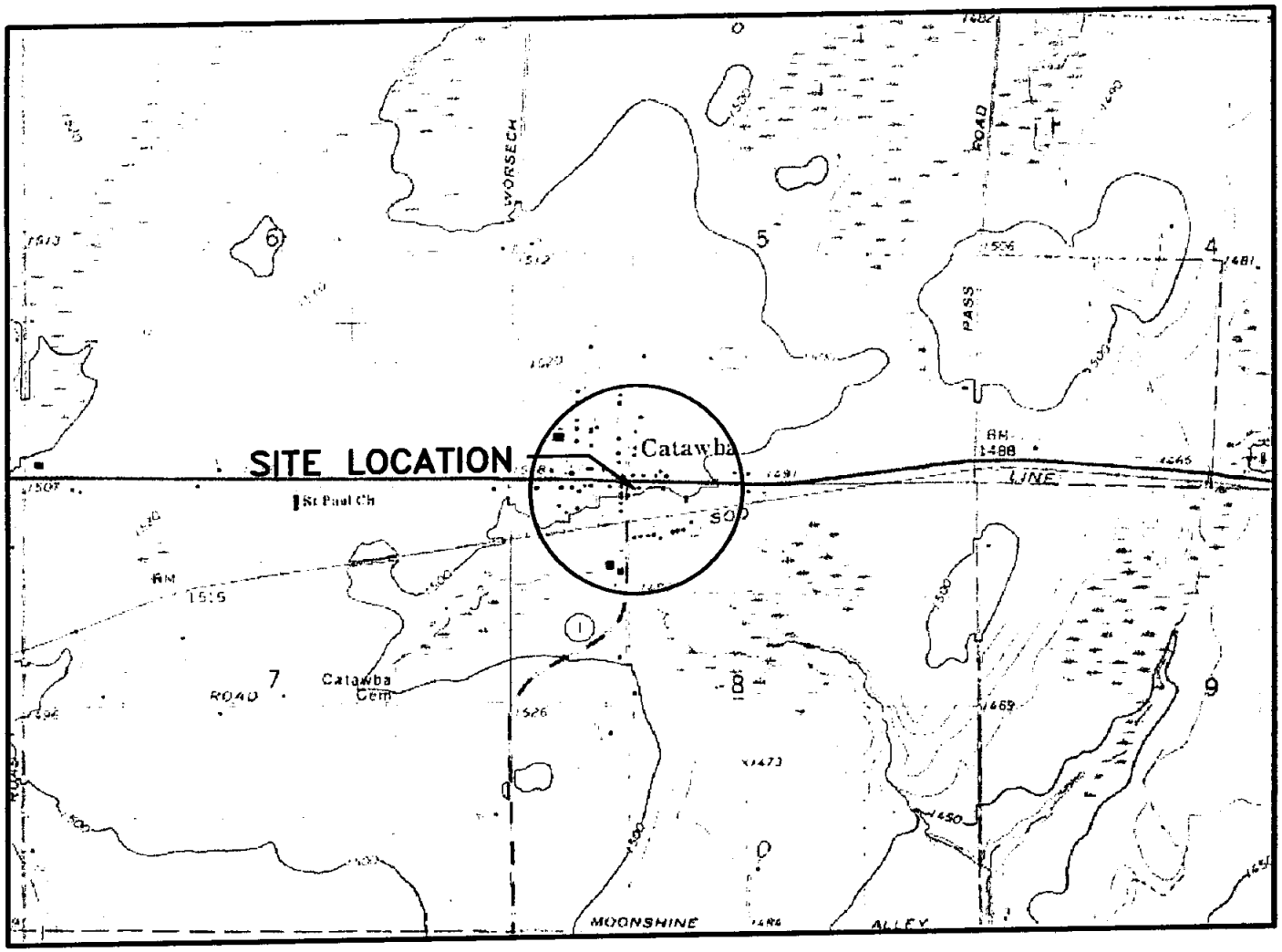
HATCHING REPRESENTS:

= BOUNDRY OVERLAPS

= BOUNDRY GAPS

DRAFTED BY: JLK DATE: 10.18.01
CAD FILE: PL351W08

THIS MAP IS A REPRESENTATION OF THE 2001 REAL PROPERTY LISTERS WORK ROLL



SCALE IN FEET

1" = 2000'

0 1000 2000 3000 4000 5000 6000 7000 8000

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

N

LEGEND

- BOUNDARY FOR WATER SUPPLY WELLS WITHIN A 1200' RADIUS OF SITE
- PROBABLE LOCATION OF WATER SUPPLY WELLS

QUADRANGLE LOCATION

BASE MAP SOURCE: USGS 7.5 MINUTE QUADRANGLE, KENNAN, WISCONSIN, 1971 (NATIONAL GEOGRAPHIC TOPOI 2001)

Northern Environmental SM

Hydrologists · Engineers · Surveyors

330 South 4th Avenue, Park Falls, Wisconsin
Phone: 800-498-3913 Fax 715-762-1844

WISCONSIN MICHIGAN ILLINOIS MINNESOTA IOWA

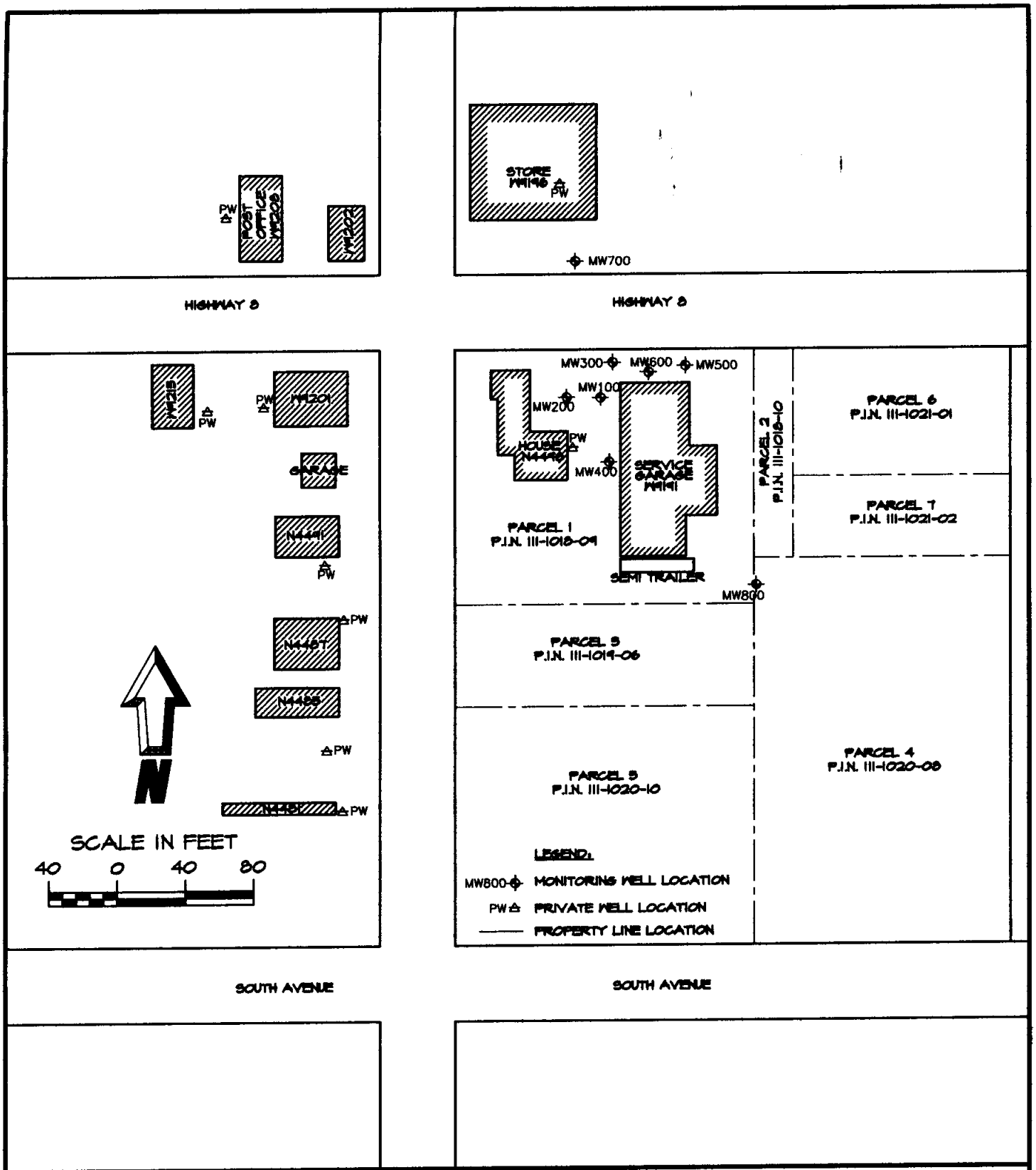
CREATION DATE: 4/13/04	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.
DRAWN BY: BJR	
REVISION DATE: 00/00/00	

SITE LOCATION AND LOCAL TOPOGRAPHY

RAY MAKOVSKY
RAY'S AUTO REPAIR
W9191 HIGHWAY 8, CATAWBA, WISCONSIN

PROJECT NUMBER: RAR04-1408-0138 | FIGURE 1

K:\Park_Falls\Projects\RAR-0138\dwg\TOPO.dwg, TOPO, 4/14/2004 3:17:32 PM



Northern Environmental
Hydrologists • Engineers • Surveyors • Scientists
330 South 4th Avenue, Park Falls, Wisconsin 54552
Phone: 800-498-3913 Fax: 715-762-1844

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

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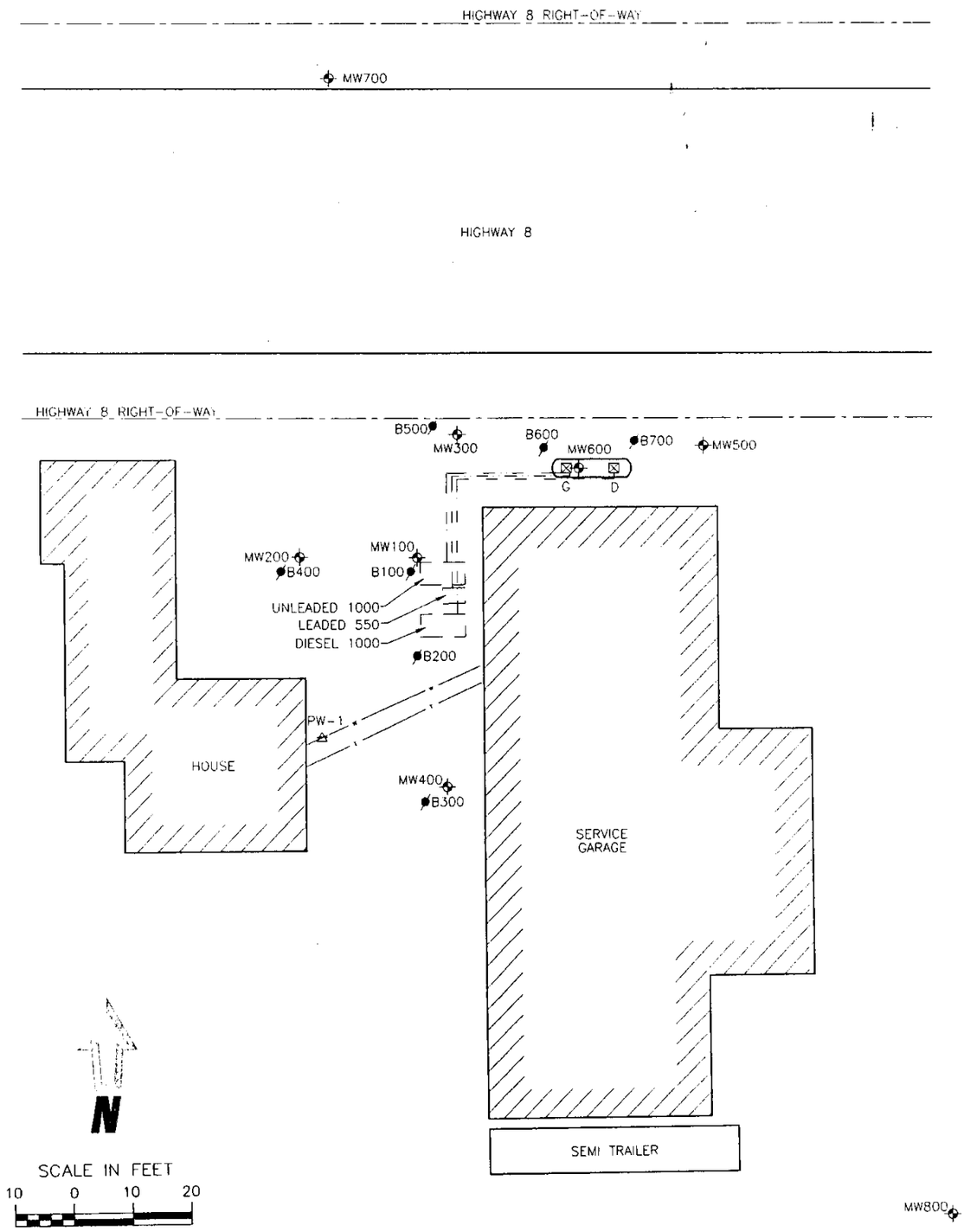
SITE LAYOUT/PRIVATE WELL LOCATIONS

RAY MAKOVSKY
RAY'S AUTO REPAIR
HIGHWAY 8, CATABWA, WISCONSIN

DATE: 12/08/05	DRAWN BY: NLB	TASK NUMBER: XXX	PROJECT NUMBER: RAR04-2200-1226	FIGURE 2A



LEGEND

MW400	MONITORING WELL LOCATION
B300	SOIL BORING LOCATION
PW-1	PRIVATE POTABLE WELL LOCATION
	BURIED TELEPHONE LOCATION
	WATER LINE LOCATION
	PROPERTY LINE LOCATION
	DISPENSER LOCATION: G=GAS, D=DIESEL
	FORMER UST LOCATIONS
	PIPING LOCATION

Northern Environmental
Hydrologists • Engineers • Surveyors • Scientists
330 South 4th Avenue, Park Falls, Wisconsin 54552
Phone: 800-498-3913 Fax: 715-762-1844
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DATE: 05/25/05 | DRAWN BY: NLB | TASK NUMBER: XXX

SOIL BORING AND MONITORING WELL LOCATIONS

RAY MAKOVSKY
RAY'S AUTO REPAIR
HIGHWAY 8, CATAWBA, WISCONSIN

PROJECT NUMBER: RAR04-1408-0138 | FIGURE 2

Table 3, Ground-Water Analytical Results, Ray's Auto Repair, Catawba, Wisconsin

Well Number	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/L)														Natural Attenuation Parameters								
					VOCs																				
			Lead	GRO	Benzene	Dichlorodifluoromethane	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Propylbenzene	MTBE	Toluene	Trimethylbenzenes	Xylenes	Conductivity (µS)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (s.u.)	Iron (mg/L)	Manganese (mg/L)	Nitrogen (mg/L)	ORP (mV)	Sulfate (mg/L)
WDNR Preventive Action Limit (PAL) (µg/L)			1.5	NE	0.5	200	0.5	140	NE	0.5	8	NE	12	200	96	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA
WDNR Enforcement Standard (ES) (µg/L)			15	NE	5	1000	5	700	NE	5	40	NE	60	1000	480	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW100	12/16/03	Yes	10	32000	6000	<50	<18	2300	110	<22	430	320	<30	800	2860	7000	—	—	—	—	—	—	—	—	—
	08/11/04	Yes	—	—	2300	—	—	970	—	—	180	—	<12	3200	1210	5000	1320	12.2	2.66	8.3	—	—	—	104	—
	11/02/04	Yes	—	—	920	—	—	410	—	—	44	—	<9.2	680	450	1300	630	11.3	2.10	8.97	—	—	—	24	—
	02/03/05	Yes	—	—	2.6	—	—	1.4	—	—	<0.50	—	<0.23	0.40	5.1	3.9	450	8.1	3.86	8.79	—	—	—	72	—
	05/05/05	Yes	—	—	87	—	—	60	—	—	—	—	<1.1	54	50"J"	130	1020	11.2	2.78	9.10	—	—	—	140	—
MW200	12/16/03	Yes	<0.19	79	2.7	<0.99	1.7	<0.54	<0.59	<0.43	<0.74	<0.81	<0.61	<0.67	<1.80	<2.63	—	—	—	—	—	—	—	—	—
	08/11/04	Yes	—	—	95	—	—	<2.0	—	—	—	—	<2.0	<0.80	<1.60	<2.0	350	13.0	5.10	8.5	—	—	—	96	—
	11/02/04	Yes	—	—	150	—	4.5	<0.50	—	—	—	—	<0.50	0.48"J"	0.21"J"	<0.50	1250	11.4	1.42	7.51	—	—	—	51	—
	02/03/05	Yes	—	—	96	—	—	<0.22	—	—	—	—	<0.23	0.27	<0.44	<0.39	970	9.0	2.55	9.25	—	—	—	95	—
	05/05/05	Yes	—	—	34	—	4.1	<0.3	—	—	—	—	<0.36	<0.52	<1.15	<1.17	820	9.1	1.93	9.52	—	—	—	123	—
MW300	12/16/03	Yes	<0.19	4100	4100	<40	<14	34"J"	150	<17	<30	<32	<24	<27	<62	<105	—	—	—	—	—	—	—	—	—
	08/11/04	Yes	—	—	3200	—	—	140	—	—	—	—	140	110	136	460	OR	12.1	2.70	8.4	—	—	—	91	—
	11/02/04	Yes	—	—	4400	—	—	130	—	—	—	—	<9.2	30	<17.6	41	1840	11.5	1.44	7.62	—	—	—	36	—
	02/03/05	Yes	—	—	1700	—	—	24	—	—	—	—	<9.2	7.2	19.6	52	1140	8.9	1.74	8.96	—	—	—	104	—
	05/05/05	Yes	—	—	2900	—	—	140	—	—	—	—	<2.75	<3.25	<27.5	82"J"	1150	8.8	2.38	8.95	—	—	—	149	—
MW400	12/16/03	Yes	<0.19	<50	0.52"J"	4.7	<0.36	<0.54	<0.59	<0.43	<0.74	<0.81	<0.61	<0.67	<1.80	<2.63	—	—	—	—	—	—	—	—	—
	08/11/04	Yes	—	—	0.40	—	—	<0.22	—	—	—	—	<0.23	<0.11	<0.44	0.39	—	—	—	—	—	—	—	—	—
	11/02/04	Yes	—	—	0.36"J"	—	—	<0.22	—	—	—	—	<0.23	0.14"J"	<0.44	<0.39	—	—	—	—	—	—	—	—	—
	05/05/05	Yes	—	—	<0.12	—	—	<0.5	—	—	—	—	<0.11	<0.13	<1.11	<1.9	—	—	—	—	—	—	—	—	—

Note:

VOCs	=	Volatile Organic Compounds
GRO	=	Gasoline Range Organics
MTBE	=	Methyl Tert-Butyl Ether
µg/L	=	micrograms per liter
NE	=	Not established by Wisconsin Deparment of Natural Resources (WDNR)
43	=	WDNR Preventive Action Limit Exceeded
500	=	WDNR Enforcement Standard Exceeded
"J"	=	analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)
PW-1	=	on-site private potable well
—	=	not analyzed
ORP	=	Oxidation Reduction Potential
°C	=	degrees Celsius
mg/L	=	milligrams per liter
mV	=	millivolts
s.u.	=	standard units
µS	=	microsiemens
NA	=	Not Applicable
OR	=	Out of Range

Table 3, Ground-Water Analytical Results, Ray's Auto Repair, Catawba, Wisconsin

Well Number	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/L)														Natural Attenuation Parameters								
					VOCs																				
			Lead	GRO	Benzene	Dichlorodifluoromethane	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Propylbenzene	MTBE	Toluene	Trimethylbenzenes	Xylenes	Conductivity (µS)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (s.u.)	Iron (mg/L)	Manganese (mg/L)	Nitrogen (mg/L)	ORP (mV)	Sulfate (mg/L)
WDNR Preventive Action Limit (PAL) (µg/L)			1.5	NE	0.5	200	0.5	140	NE	0.5	8	NE	12	200	96	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA
WDNR Enforcement Standard (ES) (µg/L)			15	NE	5	1000	5	700	NE	5	40	NE	60	1000	480	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW500	12/16/03	Yes	<0.19	<50	<0.41	<0.99	<0.36	<0.54	<0.59	<0.43	<0.74	<0.81	0.68"J"	<0.67	<1.80	<2.63	---	---	---	---	---	---	---	---	---
	08/11/04	Yes	---	---	<0.25	---	---	<0.22	---	---	---	---	<0.23	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---
	11/02/04	Yes	---	---	<0.25	---	---	<0.22	---	---	---	---	<0.23	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---
	05/05/05	Yes	---	---	<0.12	---	---	<0.5	---	---	---	---	<0.11	<0.13	<1.11	<1.9	---	---	---	---	---	---	---	---	---
MW600	12/16/03	Yes	<0.19	<50	<0.41	<0.99	<0.36	<0.54	<0.59	<0.43	<0.74	<0.81	<0.61	<0.67	<1.80	<2.63	---	---	---	---	---	---	---	---	---
	08/11/04	Yes	---	---	**5.8**	---	---	<0.22	---	---	---	---	<0.23	<0.11	<0.44	<0.39	1850	11.9	2.82	8.5	---	---	---	84	---
	11/02/04	Yes	---	---	*1.9*	---	---	<0.22	---	---	---	---	<0.23	<0.11	<0.44	<0.39	1530	10.9	2.81	7.8	---	---	---	32	---
	05/05/05	Yes	---	---	*1.1*	---	---	<0.5	---	---	---	---	<0.11	<0.13	<1.11	<1.9	850	9.0	2.06	8.98	---	---	---	146	---
MW700	03/17/04	Yes	0.23"J"	<50	*0.84"J"*	<0.99	<0.36	<0.54	<0.59	<0.43	<0.74	<0.81	<0.61	3.4	1.3"J"	6.1"J"	---	---	---	---	---	---	---	---	---
	08/11/04	Yes	---	---	<0.25	---	---	<0.22	---	---	---	---	<0.23	<0.11	<0.44	<0.39	1630	13.1	3.67	8.8	---	---	---	62	---
	11/02/04	Yes	---	---	<0.25	---	---	<0.22	---	---	---	---	<0.23	<0.11	<0.44	<0.39	1310	12.5	2.42	7.56	---	---	---	56	---
	05/05/05	Yes	---	---	<0.12	---	---	<0.5	---	---	---	---	<0.11	<0.13	<1.11	<1.9	910	10.1	3.43	8.88	---	---	---	141	---
MW800	03/17/04	Yes	<0.096	<50	<0.41	<0.99	<0.36	<0.54	<0.59	<0.43	<0.74	<0.81	<0.61	<0.67	<1.80	<2.63	---	---	---	---	---	---	---	---	---
	08/11/04	Yes	---	---	<0.25	---	---	<0.22	---	---	---	---	<0.23	<0.11	<0.44	0.45	1340	11.6	2.99	8.2	---	---	---	115	---
	11/02/04	Yes	---	---	<0.25	---	---	<0.22	---	---	---	---	<0.23	<0.11	<0.44	<0.39	1190	10.7	1.48	7.47	---	---	---	59	---
	05/05/05	Yes	---	---	<0.12	---	---	<0.5	---	---	---	---	<0.11	<0.13	<1.11	<1.9	1070	8.9	2.71	9.77	---	---	---	107	---
Duplicate (MW100)	12/16/03	Yes	---	---	**6100**	<99	**250**	**2400**	130"J"	<43	**380**	330	<61	*940*	**2610**	*7000*	---	---	---	---	---	---	---	---	---
	08/11/04	Yes	---	---	**2600**	---	---	**1000**	---	---	---	---	**130**	**3300**	**1110**	*4800*	---	---	---	---	---	---	---	---	---
	05/05/05	Yes	---	---	**130**	---	---	94	---	---	---	---	<0.11	71	72	190	---	---	---	---	---	---	---	---	---

Note:

VOCs	=	Volatile Organic Compounds
GRO	=	Gasoline Range Organics
MTBE	=	Methyl Tert-Butyl Ether
µg/L	=	micrograms per liter
NE	=	Not established by Wisconsin Deparment of Natural Resources (WDNR)
43	=	WDNR Preventive Action Limit Exceeded
500	=	WDNR Enforcement Standard Exceeded
"J"	=	analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)
PW-1	=	on-site private potable well
---	=	not analyzed
ORP	=	Oxidation Reduction Potential
°C	=	degrees Celsius
mg/L	=	milligrams per liter
mV	=	millivolts
s.u.	=	standard units
µS	=	microsiemens
NA	=	Not Applicable
OR	=	Out of Range

Table 3, Ground-Water Analytical Results, Ray's Auto Repair, Catawba, Wisconsin

Well Number	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/L)														Natural Attenuation Parameters								
					VOCs																				
			Lead	GRO	Benzene	Dichlorodifluoromethane	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Propylbenzene	MTBE	Toluene	Trimethylbenzenes	Xylenes	Conductivity (µS)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (s.u.)	Iron (mg/L)	Manganese (mg/L)	Nitrogen (mg/L)	ORP (mV)	Sulfate (mg/L)
WDNR Preventive Action Limit (PAL) (µg/L)			1.5	NE	0.5	200	0.5	140	NE	0.5	8	NE	12	200	96	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA
WDNR Enforcement Standard (ES) (µg/L)			15	NE	5	1000	5	700	NE	5	40	NE	60	1000	480	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Duplicate (MW700)	03/17/04	Yes	---	---	*0.92*	---	---	*0.66"J"*	---	---	---	---	<0.36	3.3	*2.19"J"*	6.9	---	---	---	---	---	---	---	---	---
Duplicate (MW300)	11/02/04	Yes	---	---	**4400**	---	---	*600*	---	---	---	---	<9.2	**2400**	**1800**	*3500*	---	---	---	---	---	---	---	---	---
Trip Blank	12/16/03	Yes	---	---	<0.41	<0.99	<0.36	<0.54	<0.59	*0.51"J"*	<0.74	<0.81	<0.61	<0.67	<1.80	<2.63	---	---	---	---	---	---	---	---	---
	03/17/04	Yes	---	---	<0.14	---	---	<0.40	---	---	---	---	<0.36	<0.36	<0.79	<1.10	---	---	---	---	---	---	---	---	---
	08/11/04	Yes	---	---	<0.25	---	---	<0.22	---	---	---	---	<0.23	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---
	11/02/04	Yes	---	---	<0.25	---	---	<0.22	---	---	---	---	<0.23	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---
	05/05/05	Yes	---	---	<0.12	---	---	<0.5	---	---	---	---	<0.11	<0.13	<1.11	<1.9	---	---	---	---	---	---	---	---	---
PW-1	12/18/03	Yes	<0.19	---	<0.41	<0.99	<0.36	<0.54	<0.59	<0.43	<0.74	<0.81	<0.61	<0.67	<1.80	<2.63	---	---	---	---	---	---	---	---	---
	08/11/04	Yes	---	---	<0.25	---	---	<0.22	---	---	---	---	<0.23	<0.11	<0.44	<0.39	---	---	---	---	---	---	---	---	---
	11/02/04	Yes	---	---	<0.25	---	---	<0.22	---	---	---	---	<0.23	0.18"J"	<0.44	<0.39	---	---	---	---	---	---	---	---	---
	05/05/05	Yes	---	---	<0.12	---	---	<0.5	---	---	---	---	<0.11	<0.13	<1.11	<1.9	---	---	---	---	---	---	---	---	---

Note:

VOCs	=	Volatile Organic Compounds
GRO	=	Gasoline Range Organics
MTBE	=	Methyl Tert-Butyl Ether
µg/L	=	micrograms per liter
NE	=	Not established by Wisconsin Deparment of Natural Resources (WDNR)
43	=	WDNR Preventive Action Limit Exceeded
500	=	WDNR Enforcement Standard Exceeded
"J"	=	analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)
PW-1	=	on-site private potable well
---	=	not analyzed
ORP	=	Oxidation Reduction Potential
°C	=	degrees Celsius
mg/L	=	milligrams per liter
mV	=	millivolts
s.u.	=	standard units
µS	=	microsiemens
NA	=	Not Applicable
OR	=	Out of Range

Table 2, Site Investigation Soil Analytical Results, Ray's Auto Repair, Catawba, Wisconsin

Boring Number	Sample Number	Sample Depth (feet)	Date Sampled	GRO (mg/kg)	Lead (mg/kg)	Benzene	n-Butylbenzene	sec-Butylbenzene	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	MTBE	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
				Relevant and Significant Analytical Results															
						VOC's (µg/kg)													
WAC Chapter NR 720 RCLs				100	50	5.5	NE	NE	4.9	2900	NE	NE	NE	NE	NE	1500	NE	NE	4100
NR 746/WDComm 46 Table 2 Values				NE	NE	1100	NE	NE	540	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
NR 746/WDComm 46 Table 1 Values				NE	NE	8500	NE	NE	600	4600	NE	NE	2700	NE	NE	38000	83000	11000	42000
B100	S102	2-4	09/03/03	**180**	**73**	**490**	<25	220	<25	1900	300	<25	1700	1200	<25	400	8300	2500	**5600**
	S105	8-10	09/03/03	**130**	26	**640**	<25	280	<25	**3000**	440	<25	1700	1800	<25	**2200**	11000	3500	**10300**
B200	S201	0-2	09/03/03	25	**61**	**63**	<25	<25	<25	44"J"	<25	<25	46"J"	<25	<25	56"J"	84	29"J"	190"J"
	S203	4-6	09/03/03	13	**110**	**87**	<25	<25	<25	<25	<25	<25	58"J"	<25	<25	<25	54"J"	<25	<75
B300	S301	0-2	09/03/03	5.8	32	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
	S305	8-10	09/03/03	26	38	<25	<25	<25	<25	<25	<25	<25	120	<25	<25	<25	87	82	<75
B400	S402	2-4	09/03/03	<3.1	8.8	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
	S404	6-8	09/03/03	<2.7	2.3	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
B500	S502	2-4	09/03/03	<3.1	9.0	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
	S505	8-10	09/03/03	<2.9	15	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
B600	S601	0-2	09/03/03	29	18	<25	<25	<25	<25	84	<25	<25	69"J"	71"J"	<25	<25	270	220	234"J"
	S605	8-10	09/03/03	42	18	<25	<25	54"J"	<25	83	38"J"	<25	280	97	<25	<25	1200	650	240
B700	S701	0-2	09/03/03	<2.6	18	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75
	S705	8-10	09/03/03	<3.0	31	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75

Note:

VOCs = Volatile Organic Compounds

GRO = Gasoline Range Organics

µg/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

NE = Not Established by Wisconsin Administrative Code (WAC) Chapter NR 720, Chapter NR 746 or Wisconsin Department of Commerce (WDComm) Chapter 46

180 = WAC Chapter NR 720 Residual Contaminant Level (RCL) Exceeded

<x = Not detected above laboratory detection limit of x

"J" = Analyte detected between the laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)

NR = Natural Resources

Table 5, Remedial Excavation Soil Analytical Results (GRO, PVOCs), Ray's Auto Repair, Catawba, Wisconsin

Sample Number	Sample Depth (feet)	Date Sampled	Relevant and Significant Analytical Results							
				PVOCs (µg/kg)						
			GRO (mg/kg)	Benzene	Ethylbenzene	MTBE	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
WAC Chapter NR 720 RCLs			100	5.5	2900	NE	1500	NE	NE	4100
NR 746/WDComm 46 Table 2 Values			NE	1100	NE	NE	NE	NE	NE	NE
NR 746/WDComm 46 Table 1 Values			NE	8500	4600	NE	38000	83000	11000	42000
S4	8	07/14/04	**318**	**2200**	**5050**	<110	**7460**	14300	3620	**17600**
S9	9	07/14/04	13	**138**	180	<27	255	414	117	573
S13	9	07/14/04	<5.5	**67**	33	<28	132	57	<28	132
S20	13	07/14/04	26	**124**	124	<28	281	404	112	461
S24	12	07/14/04	8.9	**42**	60	<27	94	217	72	228
S32	12	07/14/04	**348**	<539	**4270**	<135	**2700**	10600	2580	**13500**
S37	11	07/14/04	49	**337**	511	<27	1090	913	239	1520
S45	9	07/14/04	<5.5	**46**	<28	<28	91	<28	<28	<83
S50	9	07/14/04	<5.5	**37**	<28	<28	76	30	<28	<83
S52	15	07/14/04	<5.7	**110**	44	<28	194	59	<28	182

Note:

PVOCs = Petroleum Volatile Organic Compounds

GRO = Gasoline Range Organics

mg/kg = milligrams per kilogram

µg/kg = micrograms per kilogram

MTBE = Methyl Tert-Butyl Ether

NE = Not Established by Wisconsin Administrative Code (WAC) Chapter NR 720

S4 = sample submitted to confirm that soil being removed was petroleum contaminated

318 = WAC Chapter NR 720 Residual Contaminant Level (RCL) Exceeded

NR = Natural Resources

<x = Not detected above laboratory detection limit of x

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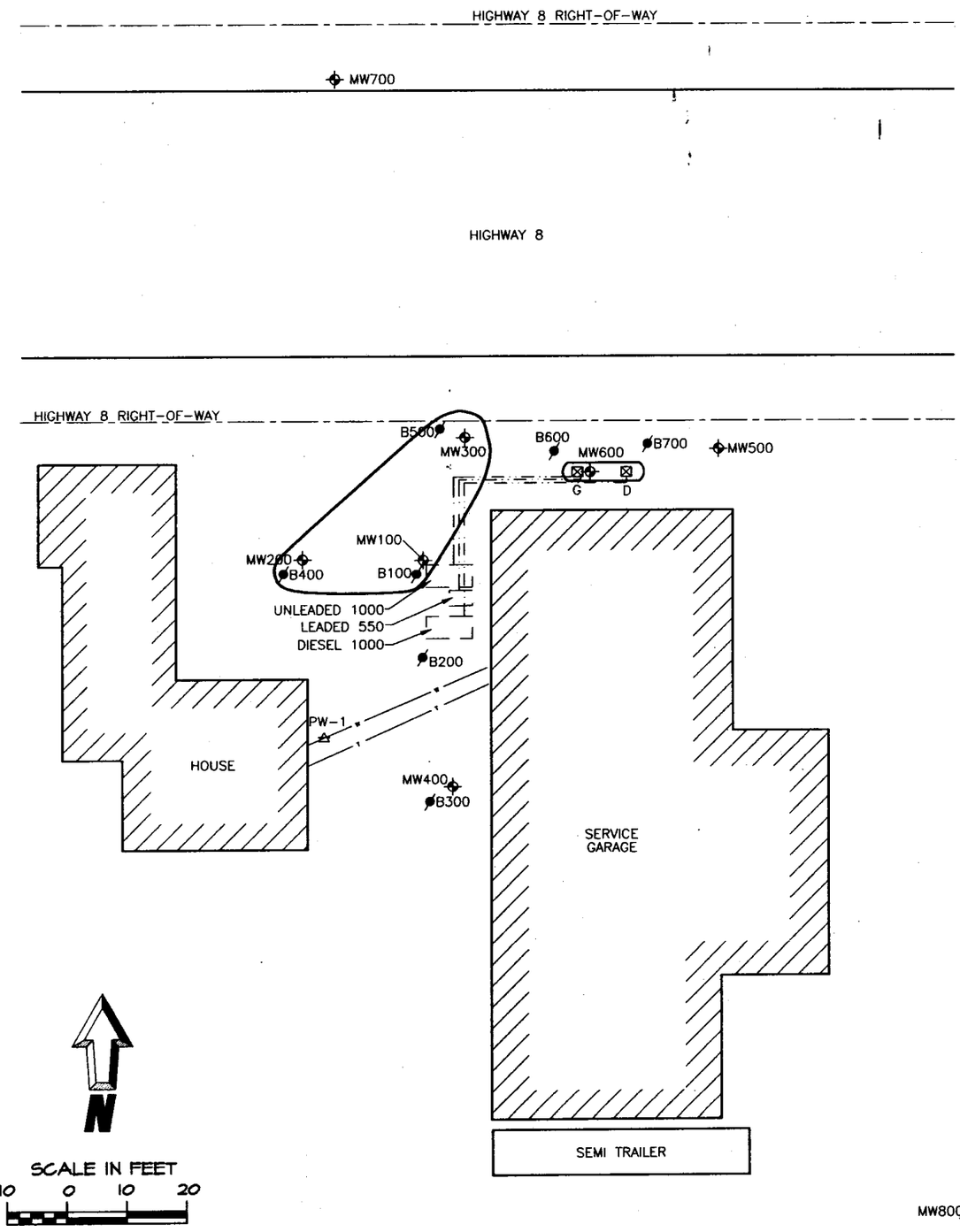

LEGEND

MW400	MONITORING WELL LOCATION
B300	SOIL BORING LOCATION
PW-1	PRIVATE POTABLE WELL LOCATION
	BURIED TELEPHONE LOCATION
	WATER LINE LOCATION
	PROPERTY LINE LOCATION
	DISPENSER LOCATION: G=GAS, D=DIESEL
	FORMER UST LOCATIONS
	PIPING LOCATION
	ESTIMATED EXTENT OF POST-REMEDIAL GROUNDWATER CONTAMINATION

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Hydrologists • Engineers • Surveyors • Scientists
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WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

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ESTIMATED EXTENT OF POST-REMEDIAL GROUNDWATER CONTAMINATION

RAY MAKOVSKY
RAY'S AUTO REPAIR
HIGHWAY 8, CATAWBA, WISCONSIN

DATE: 05/25/05	DRAWN BY: NLB	TASK NUMBER: XXX	PROJECT NUMBER: RAR04-1408-0138	FIGURE 10

WATER LEVEL DATA

Project: RAR04-1408-0138

Location: CATAWBA, WISCONSIN

Personnel: SMM

Well Number: MW100

Well Location:

Riser Elevation: 1499.21

Ground Elevation: 1499.55

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
12/02/03	1042	SWLP	12.48	13.03	1486.55	Pre Development
12/02/03	1135	SWLP	13.72	14.27	1485.31	Post Development
12/16/03	0932	SWLP	12.34	12.89	1486.69	---
03/17/04	1115	SWLP	13.59	14.14	1485.44	---
08/11/04	0957	SWLP	11.13	11.47	1488.08	---
11/02/04	1011	SWLP	12.00	12.34	1487.21	---
02/03/05	0959	SWLP	13.32	13.66	1485.89	---
05/05/05	0954	SWLP	13.58	13.92	1485.63	---

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 mean sea level.

WATER LEVEL DATA

Project: RAR04-1408-0138

Location: CATAWBA, WISCONSIN

Personnel: SMM

Well Number: MW200

Well Location:

Riser Elevation: 1498.97

Ground Elevation: 1499.68

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
12/02/03	1034	SWLP	12.58	13.29	1486.39	Pre Development
12/02/03	1116	SWLP	13.68	14.39	1485.29	Post Development
12/16/03	0927	SWLP	12.26	12.97	1486.71	---
03/17/04	1110	SWLP	13.57	14.28	1485.40	---
08/11/04	0950	SWLP	11.68	12.39	1487.29	---
11/02/04	1158	SWLP	12.23	12.94	1486.74	---
02/03/05	1019	SWLP	13.13	13.84	1485.84	---
05/05/05	0955	SWLP	12.41	13.12	1486.56	---

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 mean sea level.

WATER LEVEL DATA

Project: RAR04-1408-0138

Location: CATAWBA, WISCONSIN

Personnel: SMM

Well Number: MW300

Well Location:

Riser Elevation: 1499.35

Ground Elevation: 1500.00

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
12/02/03	1038	SWLP	12.81	13.46	1486.54	Pre Development
12/02/03	1109	SWLP	13.71	14.36	1485.64	Post Development
12/16/03	0929	SWLP	12.65	13.30	1486.70	---
03/17/04	1117	SWLP	13.57	14.22	1485.78	---
08/11/04	1004	SWLP	11.95	12.60	1487.40	---
11/02/04	1031	SWLP	12.71	13.36	1486.64	---
02/03/05	1032	SWLP	13.54	14.19	1485.81	---
05/05/05	0956	SWLP	12.94	13.59	1486.41	---

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 mean sea level.

WATER LEVEL DATA

Project: RAR04-1408-0138

Location: CATAWBA, WISCONSIN

Personnel: SMM

Well Number: MW400

Well Location:

Riser Elevation: 1498.6

Ground Elevation: 1499.27

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
12/02/03	1035	SWLP	12.13	12.80	1486.47	Pre Development
12/02/03	1126	SWLP	13.37	14.04	1485.23	Post Development
12/16/03	0928	SWLP	11.97	12.64	1486.63	---
03/17/04	1111	SWLP	13.48	14.15	1485.12	---
08/11/04	0953	SWLP	11.84	12.51	1486.76	---
11/02/04	1120	SWLP	12.17	12.84	1486.43	---
02/03/05	---	---	---	---	---	No water level taken
05/05/05	1000	SWLP	12.20	12.87	1486.40	---

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 mean sea level.

WATER LEVEL DATA

Project: RAR04-1408-0138

Location: CATAWBA, WISCONSIN

Personnel: SMM

Well Number: MW500

Well Location:

Riser Elevation: 1498.96

Ground Elevation: 1499.60

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
12/02/03	1031	SWLP	12.46	13.10	1486.50	Pre Development
12/02/03	1048	SWLP	13.31	13.95	1485.65	Post Development
12/16/03	0925	SWLP	12.33	12.97	1486.63	---
03/17/04	1104	SWLP	13.63	14.27	1485.33	---
08/11/04	0944	SWLP	12.05	12.69	1486.91	---
11/02/04	1048	SWLP	12.68	13.32	1486.28	---
02/03/05	---	---	---	---	---	No water level taken
05/05/05	0949	SWLP	12.20	12.84	1486.76	---

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 mean sea level.

WATER LEVEL DATA

Project: RAR04-1408-0138

Location: CATAWBA, WISCONSIN

Personnel: SMM

Well Number: MW600

Well Location:

Riser Elevation: 1499.49

Ground Elevation: 1500.03

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
12/02/03	1040	SWLP	9.27	9.81	1490.22	Pre Development
12/02/03	1101	SWLP	12.99	13.53	1486.50	Post Development
12/16/03	0931	SWLP	11.84	12.38	1487.65	---
03/17/04	1108	SWLP	13.78	14.32	1485.71	---
08/11/04	0946	SWLP	12.22	12.76	1487.27	---
11/02/04	0952	SWLP	12.99	13.53	1486.50	---
02/03/05	---	---	---	---	---	No water level taken
05/05/05	0950	SWLP	13.21	13.75	1486.28	---

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 mean sea level.

WATER LEVEL DATA

Project: RAR04-1408-0138

Location: CATAWBA, WISCONSIN

Personnel: SMM

Well Number: MW700

Well Location:

Riser Elevation: 1501.12

Ground Elevation: 1501.63

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
03/10/04	1408	SWLP	16.48	16.99	1484.64	Pre Development
03/10/04	1418	SWLP	16.89	17.40	1484.23	Post Development
03/17/04	1106	SWLP	15.77	16.28	1485.35	---
08/11/04	0942	SWLP	13.65	14.16	1487.47	---
11/02/04	1140	SWLP	14.75	15.26	1486.37	---
02/03/05	---	---	---	---	---	No water level taken
05/05/05	0952	SWLP	14.60	15.11	1486.52	---

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 mean sea level.

WATER LEVEL DATA

Project: RAR04-1408-0138

Location: CATAWBA, WISCONSIN

Personnel: SMM

Well Number: MW800

Well Location:

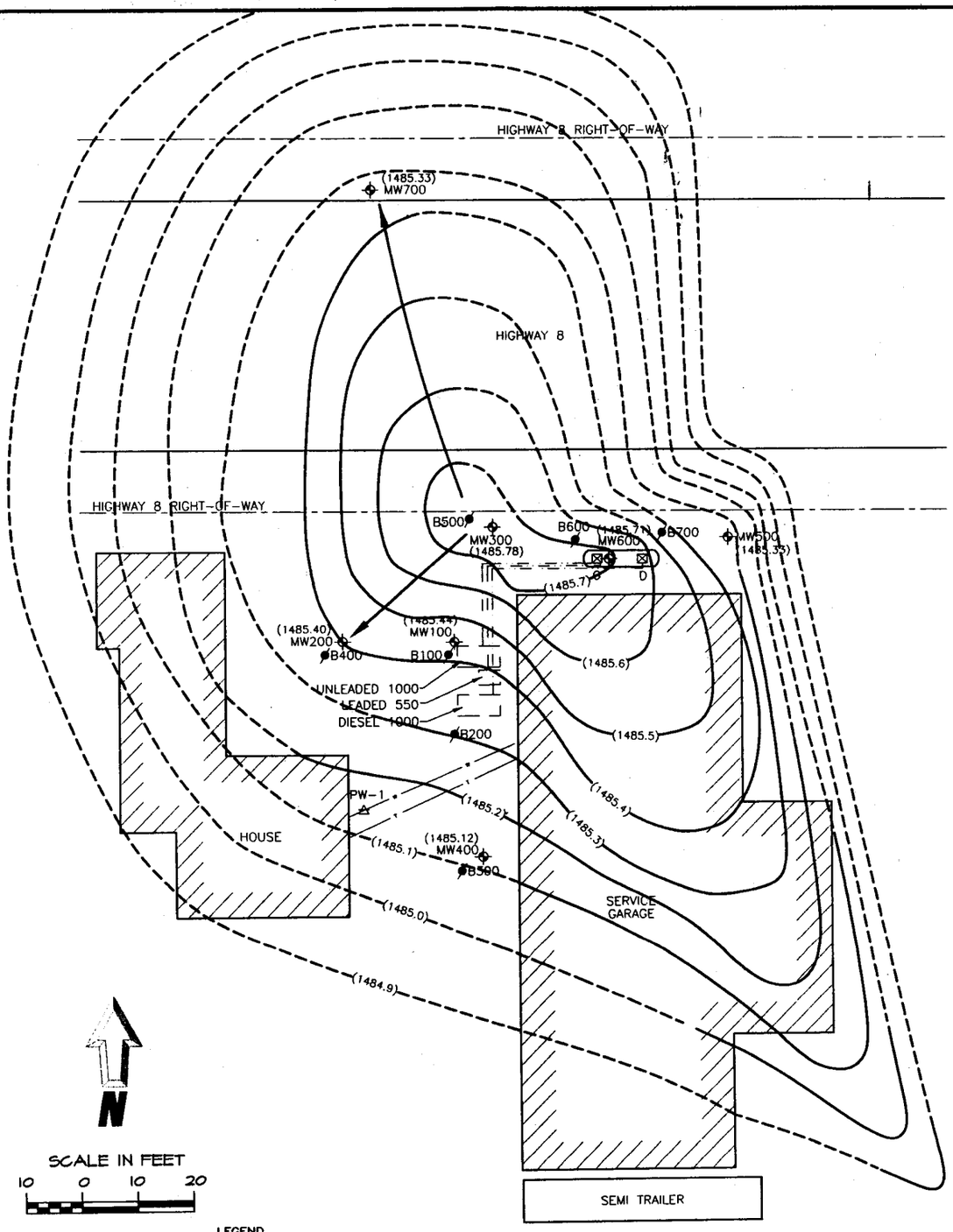
Riser Elevation: 1497.59

Ground Elevation: 1497.99

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
03/10/04	1430	SWLP	12.99	13.39	1484.60	Pre Development
03/10/04	1443	SWLP	15.86	16.26	1481.73	Post Development
03/17/04	1113	SWLP	12.75	13.15	1484.84	---
08/11/04	0955	SWLP	11.40	11.80	1486.19	---
11/02/04	1225	SWLP	11.28	11.68	1486.31	---
02/03/05	---	---	---	---	---	No water level taken
05/05/05	1004	SWLP	11.15	11.55	1486.44	---

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 mean sea level.



LEGEND

MW400	MONITORING WELL LOCATION
B300	SOIL BORING LOCATION
PW-1	PRIVATE POTABLE WELL LOCATION
	BURIED TELEPHONE LOCATION
	WATER LINE LOCATION
	PROPERTY LINE LOCATION
	DISPENSER LOCATION: G=GAS, D=DIESEL
	FORMER UST LOCATIONS
	PIPING LOCATION
(1484.84)	GROUNDWATER ELEVATION
	GROUNDWATER FLOW DIRECTION

Northern Environmental
Hydrologists • Engineers • Surveyors • Scientists
330 South 4th Avenue, Park Falls, Wisconsin 54552
Phone: 800-498-3913 Fax: 715-762-1844
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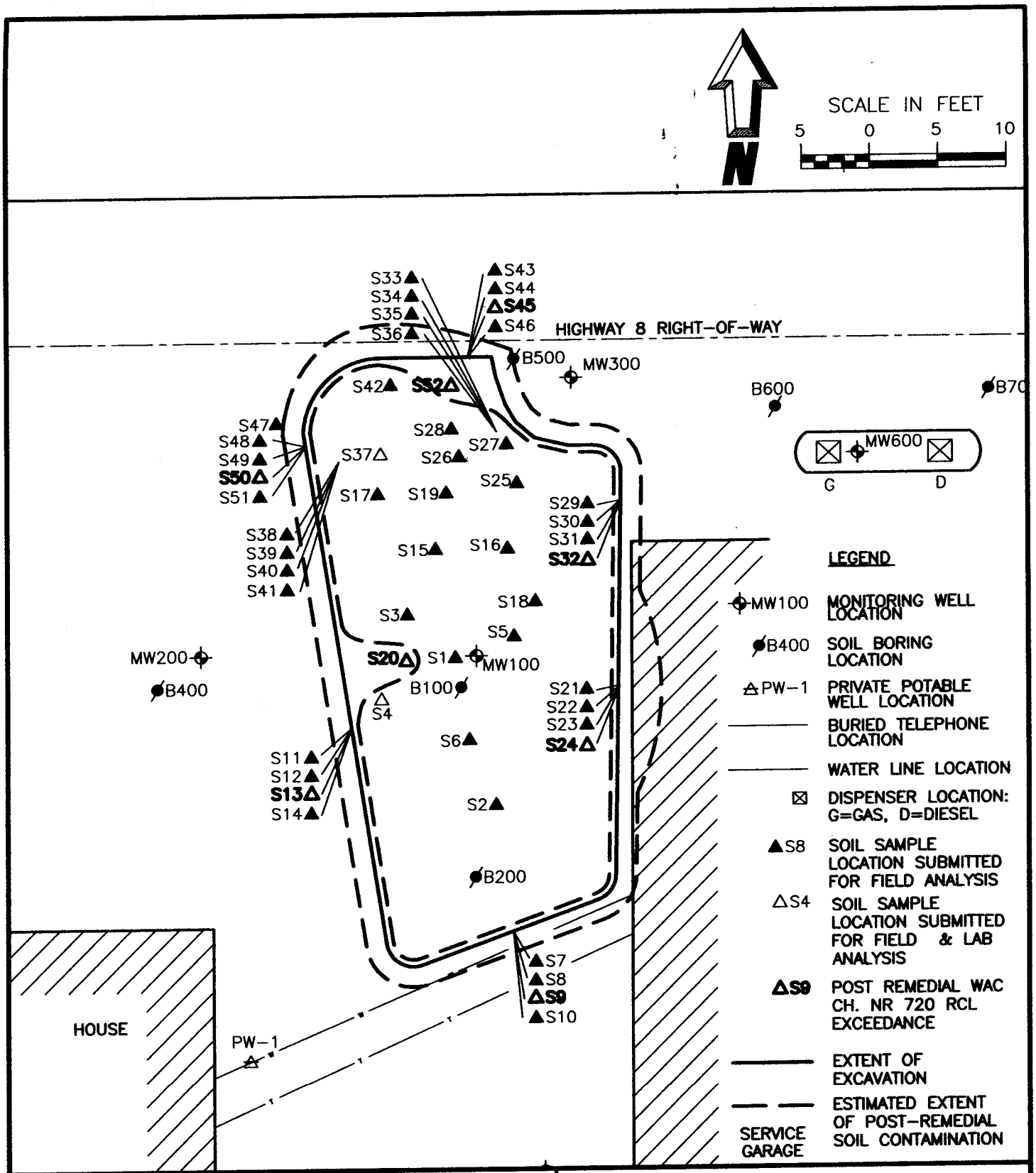
GROUNDWATER FLOW
3-17-04

RAY MAKOVSKY
RAY'S AUTO REPAIR
HIGHWAY 8, CATAWBA, WISCONSIN

DATE: 05/25/05	DRAWN BY: NLB	TASK NUMBER: XXX	PROJECT NUMBER: RAR04-1408-0138	FIGURE 4



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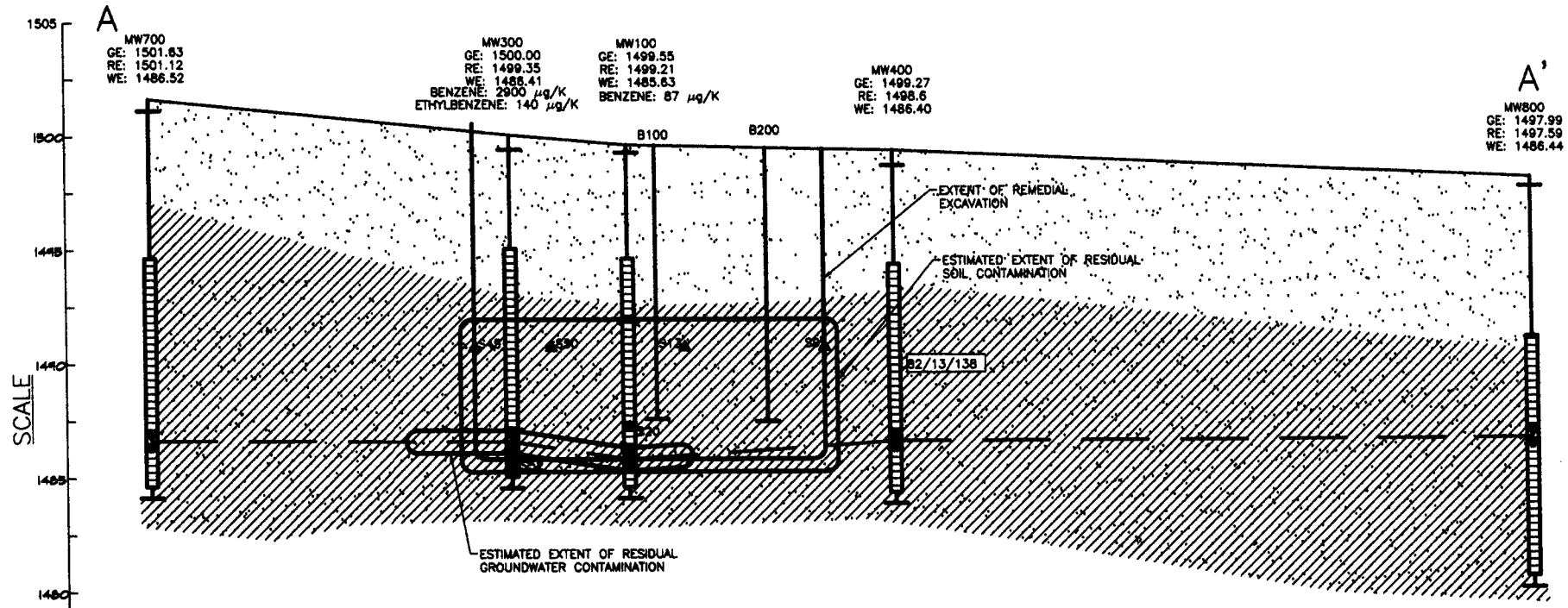
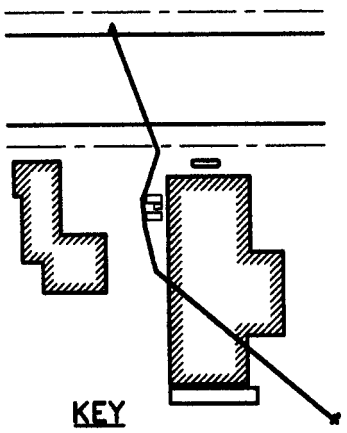
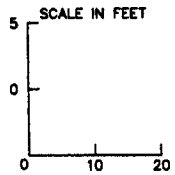
EXTENT OF REMEDIAL EXCAVATION

RAY MAKOVSKY
RAY'S AUTO REPAIR
HIGHWAY 8, CATAWBA, WISCONSIN

DATE: 05/24/05	DRAWN BY: NLB	TASK NUMBER: XXX	PROJECT NUMBER: RAR04-1408-0138	FIGURE 8







NOTE:
- WATER LEVEL MEASUREMENTS TAKEN ON 05/05/005
- COLUMN WIDTHS ARE NOT TO SCALE

91/130/640 PID/GRO/BENZENE RESULT

PID = PHOTOIONIZATION DETECTOR READING MEASURED IN INSTRUMENT UNITS AS ISOBUTYLENE (iui)
GRO = GASOLINE RANGE ORGANICS MEASURED IN MILLIGRAMS PER KILOGRAM (mg/kg)
XYLENE = MEASURED IN MICROGRAMS PER KILOGRAM (Ug/kg)
NA = NOT ANALYZED
<X = NOT DETECTED ABOVE LABORATORY DETECTION LIMIT OF X

GROUNDWATER TABLE ELEVATION

B100/MW100 SOIL BORING/MONITORING WELL
GE GROUND ELEVATION (IN FEET)
RE RISER ELEVATION (IN FEET)
WE WATER ELEVATION (IN FEET)

LEGEND
- CLAY
- SC & CL-CLAYEY SANDS AND SANDY CLAYS
- SP-POORLY GRADED FINE GRAINED SANDS
- WELL SCREEN
- ▲45 LOCATION OF SOIL SAMPLE SUBMITTED FOR LABORATORY ANALYSIS

Northern Environmental
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POST-REMEDIAL GEOLOGIC CROSS-SECTION A-A'

RAY MAKOVSKY
RAY'S AUTO REPAIR
HIGHWAY 8, CATAWBA, WISCONSIN

DATE: 05/26/05	DRAWN BY: NLB	TASK NUMBER: XXX	PROJECT NUMBER: RAR04-1408-0138	FIGURE 11

Ray's Auto Repair
W9191 State Highway 8, Catawba, Wisconsin
(WDNR# 03-51-153760) (PECFA# 54515-0206-91)

I, Chad R. Makovsky, Personal Rep of the Estate of Raymond H. Makovsky (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 groundwater contamination that exceeds ch. NR 140 enforcement standards and /or soil contamination that exceeds ch. NR 720 residual contaminant levels at the time closure is requested.

Signed by Responsible Party: _____ Date: 6/22/05
CHAD R. MAKOVSKY, Personal Representative of the
Estate of RAYMOND H. MAKOVSKY

[illegible] of land located in the Northeast Quarter (NE¼) of the Northwest [illegible] Section Eight (8), Township Thirty-five (35) North, Range One (1) [illegible] described as follows: Commencing at the Northwest corner of the NE NW, 8-35-1 West, thence running East 175 feet, thence South 150 feet, thence West 175 feet, thence North 150 feet to the place of beginning.

Parcel 2: A parcel of land located in the Northeast Quarter (NE¼) of the Northwest Quarter (NW¼), Section Eight (8), Township Thirty-five (35) North, Range One (1) West described as follows: Commencing at the Northwest corner of the NE NW, 8-35-1 West, thence running East 175 feet to the place of beginning, thence South 123 feet, thence East 23 feet, thence North 123 feet, thence West 23 feet to the place of beginning.

Parcel 3: A parcel of land located in the Northeast Quarter (NE¼) of the Northwest Quarter (NW¼), Section Eight (8), Township Thirty-five (35) North, Range One (1) West described as follows: Commencing at a point 150 feet South of the Northwest corner of the NE NW, 8-35-1 West; thence running East 175 feet; thence South 60 feet; thence West 175 feet; thence North 60 feet to the place of beginning.

Parcel 4: A parcel of land located in the Northeast Quarter (NE¼) of the Northwest Quarter (NW¼), Section Eight (8), Township Thirty-five (35) North, Range One (1) West described as follows: Commencing at a point 175 feet East of the Northwest corner of the NE NW, 8-35-1 West, thence running South 123 feet to place of beginning, thence East 150 feet, thence South 227 feet, thence West 150 feet, thence North 227 feet to place of beginning.

Parcel 5: A parcel of land located in the Northeast Quarter (NE¼) of the Northwest Quarter (NW¼), Section Eight (8), Township Thirty-five (35) North, Range One (1) West described as follows: A parcel of land commencing at a point 150 feet South of the Northwest corner of the NE NW, 8-35-1 West; thence running East 175 feet; thence South 200 feet; thence West 175 feet; thence North 200 feet to place of beginning, less a lot 60 feet North and South and 175 feet East and West in the North end of the above described tract, in Price County, Wisconsin.

Parcel 6: A parcel of land in the Northeast Quarter (NE 1/4) of the Northwest Quarter (NW 1/4), Section Eight (8), Township Thirty-five (35) North, of Range One (1) West described as follows: Commencing at a point 175 feet East of the Southeast corner of the SW SW, 5-35-1 West, thence running South 75 feet, thence East 150 feet, thence North 75 feet, thence West 150 feet, to place of beginning, EXCEPT the West 23 feet thereof.

Parcel 7: A parcel of land in the Northeast Quarter (NE 1/4) of the Northwest Quarter (NW 1/4), Section Eight (8), Township Thirty-five (35) North, of Range One (1) West described as follows: Commencing at the Northwest corner of the NE NW, 8-35-1 West, thence running East 175 feet, thence South 75 feet, to the starting point, thence East 150 feet, thence South 48 feet, thence West 150 feet, thence North 48 feet, to place of beginning, EXCEPT the West 23 feet thereof.

Hollie DePuydt

From: "Hollie DePuydt" <hdepuydt@northernenvironmental.com>
To: <sharlene.tebeest@dot.state.wi.us>
Sent: Wednesday, July 06, 2005 10:14 AM
Attach: Figure 8.pdf; Figure 10.pdf
Subject: Notification of Contamination within Right-of-Way

County: Price
Highway: State Highway 8
Site Name: Ray's Auto Repair
Site Address: W9191 State Highway 8
BRRTS Number: 03-51-153760
PECFA Number: 54515-0206-91
DNR FID Number: 851034690
Owner's Name: Ray Makovsky
Owner's Address: W9191 State Highway 8, Catawba, WI 54515
Consulting Firm: Northern Environmental Technologies, Inc.
Consultant Contact: Hollie DePuydt
Consultant Address: 330 South 4th Avenue, Park Falls, WI 54552
Consultant Phone: 715-762-1544
Consultant Fax: 715-762-1844
Consultant Email: hdepuydt@northernenvironmental.com
Soil Contamination: Yes
Groundwater Contamination: Yes
Depth to Water Table: 12-15 feet below grade
Type of Contamination Present: Gasoline
Summary of Clean-Up Activity: Remedial excavation of soil to a depth of 15 feet and natural attenuation in groundwater monitoring