

GIS REGISTRY INFORMATION

SITE NAME:	Stuhlmacher Property								
BRRTS #:	03-72-515642			FID # (if appropriate):					
COMMERCE # (if appropriate):	54494-2005-40								
CLOSURE DATE:	September 16, 2004								
STREET ADDRESS:	1940 1st St N								
CITY:	Wisconsin Rapids								
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X = 535025		Y = 436933						
CONTAMINATED MEDIA:	Groundwater	<input type="checkbox"/>	Soil	<input checked="" type="checkbox"/>	Both	<input type="checkbox"/>			
OFF-SOURCE GW CONTAMINATION >ES:	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>					
• IF YES, STREET ADDRESS:									
• GPS COORDINATES (meters in WTM91 projection):									
X =		Y =							
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>					
• IF YES, STREET ADDRESS 1:									
• GPS COORDINATES (meters in WTM91 projection):									
X =		Y =							
CONTAMINATION IN RIGHT OF WAY:	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>					
<u>DOCUMENTS NEEDED</u>									
Closure Letter, and any conditional closure letter issued									<input checked="" type="checkbox"/>
Copy of most recent deed, including legal description, for all affected properties									<input checked="" type="checkbox"/>
Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties									<input type="checkbox"/>
County Parcel ID number, if used for county, for all affected properties									<input checked="" type="checkbox"/>
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.									<input checked="" type="checkbox"/>
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.									<input checked="" type="checkbox"/>
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)									<input checked="" type="checkbox"/>
Tables of Latest Soil Analytical Results (no shading or cross-hatching)									<input checked="" type="checkbox"/>
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.									<input type="checkbox"/>
GW: Table of water level elevations, with sampling dates, and free product noted if present									<input type="checkbox"/>
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)									<input type="checkbox"/>
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour									<input checked="" type="checkbox"/>
Geologic cross-sections, if required for SI. (8.5x14' if paper copy)									<input checked="" type="checkbox"/>
RP certified statement that legal descriptions are complete and accurate.									<input checked="" type="checkbox"/>
Copies of off-source notification letters (if applicable)									<input type="checkbox"/>
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)									<input type="checkbox"/>
Copy of (soil or land use) deed restriction (s) or deed notice if any required as a condition of closure									<input type="checkbox"/>



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2715 Post Road
Stevens Point, Wisconsin 54481-
TDD #: (608) 264-8777
Fax #: (715) 345-5269
Jim Doyle, Governor
Cory L. Nettles, Secretary

September 16, 2004

Richard Stuhlmacher
PO Box 206
Malta, MT 59538

RE: **Final Closure**

Commerce # 54494-2005-40 WDNR BRRTS # 03-72-515642
Stuhlmacher Property, 1940 1st St N, Wisconsin Rapids

Dear Mr. Stuhlmacher:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (715) 342-3802.

Sincerely,

A handwritten signature in black ink that reads "Dee Zoellner". The signature is written in a cursive, flowing style.

Dee Zoellner
Hydrogeologist
Site Review Section

cc: Gerard Phelan, Alpha Terra Science Inc
Case File



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2715 Post Road
Stevens Point, Wisconsin 54481-
TDD #: (608) 264-8777
Fax #: (715) 345-5269
Jim Doyle, Governor
Cory L. Nettles, Secretary

September 1, 2004

Richard Stuhlmacher
PO Box 206
Malta, MT 59538

RE: **Conditional Case Closure**

Commerce # 54494-2005-40 **WDNR BRRTS # 03-72-515642**
Stuhlmacher Property, 1940 1st St N, Wisconsin Rapids

Dear Mr. Stuhlmacher:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Alpha Terra Science Inc, for the site referenced above. It is understood that residual soil contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

During the final groundwater sampling event conducted on March 24, 2004, the preventive action limit (PAL) for Benzene and Naphthalene was exceeded at the recovery well – RW-1, at 1.3 and 8.5 parts per billion respectfully. Commerce is issuing a PAL exemption, per NR 140.28(2), Wis. Adm. Code, for Benzene and Naphthalene at the referenced property.

The following conditions must be satisfied to obtain final closure:

- The recovery well must be properly abandoned. The appropriate documentation must be forwarded to the letterhead address.

This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (715) 342-3802.

Sincerely,

A handwritten signature in black ink that reads "Dee Zoellner".

Dee Zoellner
Hydrogeologist
Site Review Section

cc: Gerard Phelan, Alpha Terra Science Inc
Case File

QUIT CLAIM DEED

Document Number

892010

REGISTER OF DEEDS
WOOD COUNTY
RECORDED ON

12-21-2001 2:31 PM

RENE' L KRAUSE
REGISTER OF DEEDS

Rene L Krause

REC. FEE 11.00
TRAN. FEE:
PAGES: 1

This Deed, made between Dorothy J. Stuhlmacher, a single person, Grantor,

and

Richard P. Stuhlmacher, Bruce R. Stuhlmacher, and Donn M. Stuhlmacher, as joint tenants, Grantees.

Grantor quit-claims to Grantees the following described real estate in Wood County, State of Wisconsin:

Lots Three (3) and Four (4) in Block One (1) of Parmeter Addition to the City of Wisconsin Rapids, according to the duly recorded plat thereof.

Grantor reserves a life estate unto herself in the above-described real estate. Grantor shall pay all taxes, maintenance, insurance, and utilities during the term of said life estate.

Recording Area

Name and Return Address

James T. Quinn
Metcalf & Quinn, S.C.
P.O. Box 759
Wisconsin Rapids, WI 54495-0759

34-05166

Parcel Identification Number

This is homestead property.

FEE EXEMPT
#77.25 (P) WIS. STATS.

Together with all appurtenant rights, title and interests.

Dated this 20th day of December, 2001.

Dorothy J. Stuhlmacher (SEAL)
* Dorothy J. Stuhlmacher

AUTHENTICATION

Signature(s) of Dorothy Stuhlmacher

authenticated this 20th day of DECEMBER 2001.

James T. Quinn
* James T. Quinn

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

THIS INSTRUMENT WAS DRAFTED BY

Atty. James T. Quinn
Metcalf & Quinn S.C.
480 East Grand Avenue, P.O. Box 759
Wisconsin Rapids, WI 54495-0759
Phone: (715) 423-1940

ACKNOWLEDGMENT

State of Wisconsin)
Wood County) ss.

Personally came before me this ___ day of ___, 20___, the above named

_____ to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

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

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

1940 First Street North
Wisconsin Rapids, WI



HOUSE

LIMIT OF REMEDIAL EXCAVATION

FORMER HEATING OIL
UNDERGROUND STORAGE TANK

ESTIMATED EXTENT OF
GROUNDWATER BENZENE
CONCENTRATION ABOVE
PAL (0.5 ug/L)

DRO 11,000 mg/kg
Ethylbenzene 646 ug/kg
Toluene 197 ug/kg
Xylene 2,080 ug/kg
1,2,4-TMB 3,180 ug/kg
1,3,5-TMB 1,310 ug/kg
Naphthalene 1,200 ug/kg

DRO 29,700 mg/kg
1,2,4-TMB 132 ug/kg
1,3,5-TMB 100 ug/kg

GARAGE

N. WALL - 7'

A' SEE FIGURE 3 FOR CROSS SECTION A-A'

HB-3

W. WALL - 7'

FLOOR - 9.7'

HB-1

E. WALL - 7'

DRO 2,990 mg/kg
Benzene 162 ug/kg
Ethylbenzene 3,740 ug/kg
Toluene 2,490 ug/kg
Xylene 13,700 ug/kg
1,2,4-TMB 15,000 ug/kg
1,3,5-TMB 4,360 ug/kg
Naphthalene 3,740 ug/kg

HB-2
(REFUSAL @ 6'
NOT SAMPLED)

W. WALL - 8'

LEGEND

■ = HAND-AUGER BORING (12-3-03)

▲ = SOIL SAMPLE FROM EXCAVATION
WALL OR FLOOR (12-30-03)

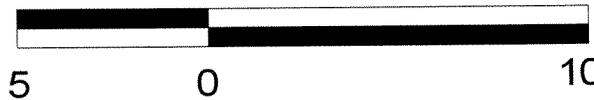
RISER LOCATION FOR
RECOVERY SUMP (RW-1)

S. WALL - 7'

W. WALL-8', N. WALL-7', E. WALL-7', AND FLOOR
SAMPLES HAD NON-DETECTABLE CONCENTRATIONS
OF DRO, PVCOC, AND NAPHTHALENE.

DRO 19,000 mg/kg
1,3,5-TMB 232 ug/kg

ESTIMATED EXTENT OF SOIL
WITH DRO > 100 MG/KG.
DRO CONTAMINATION PRESENT
IN THIN LAYER AT DEPTH OF
7 FEET BELOW GROUND
SURFACE (I.E., SMEAR ZONE
AT WATER TABLE).



SCALE: 1 INCH = 5 FEET

Stuhlmacher Residence, Wisconsin Rapids

SOIL EXCAVATION & SAMPLE LOCATIONS



REV	DATE	DESCRIPTION	APPVD

DATE: 1-27-04 DWG #... site 5p.skf

APPROVED GCP **FIGURE 2**

GROUNDWATER SUMMARY DATA TABLE
TABLE 2 - Sheet 1 of 2

Project: Stuhlmacher Property - Wisconsin Rapids, WI

RW-1														
Length of Well Screen: 5' long horizontal well screen at base of former excavation														
Sample Date	Depth to Water	Water Level* (ft msl)	GRO	DRO	Benzene	Ethylbenzene	Toluene	Xylene (total)	TMBs (total)	MtBE	Naphthalene			
02/11/04 ¹	7.72		590	3,300	7.5	14	13	34	25.4	0.26	9.0			
03/24/04 ²	5.94		320	--	1.3	5.0	1.5	11	10.7	<0.23	8.5			
ES					5	700	1000	10,000	480	60	40			
PAL					0.5	140	200	1000	96	12	8			

NOTES: * Asterisk indicates water table well screen submerged below water table. N = Nitrate + Nitrate as N. (For value as NO₃ X by 4.27)
 ES = NR 140 Enforcement Standard -- = Not analyzed
 PAL = NR 140 Preventive Action Limit V = Full VOC
BOLD results are above ES
ITALICIZED results are above PAL but below ES
 All chemistry results listed as µg/L, which is equivalent to parts per billion, unless otherwise noted.
 <"n" denotes not detected where "n" is the detection limit other than listed under MDL.
 -- indicates not sampled
 DUPL = Duplicate sample
 B = Analyte found in associated trip blank.
 F = Sample was field filtered.
 J = Result between level of detection and level of quantitation

NOTE 1: February 11, 2004 sample was collected after purging 5 gallons with bailer.
 NOTE 2: March 24, 2004 sample was collected after pumping recovery sump dry with a vacuum truck; estimated 500 gallons removed.

**GROUNDWATER SUMMARY DATA TABLE
TABLE 2 - Sheet 2 of 2**

Project: Stuhlmacher Property - Wisconsin Rapids, WI

RW-1 - PNA COMPOUNDS																		
Sample Date	Acenaphthene	Acenaphthalene	Anthracene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Benzo (a) pyrene	Benzo (ghi) perylene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
02/11/04	<0.60	<0.26	0.30	<0.058	<0.055	<0.046	<0.034	<0.099	<0.050	<0.066	0.39	1.4	<0.032	7.4	9.1	11	0.53	0.58
ES	NA	NA	3000	NA	0.2	NA	0.2	NA	0.2	NA	400	400	NA	NA	NA	40	NA	250
PAL	NA	NA	600	NA	0.02	NA	0.02	NA	0.02	NA	80	80	NA	NA	NA	8	NA	50

NOTES: * Asterisk indicates water table well screen submerged below water table.
 ES = NR 140 Enforcement Standard
 PAL = NR 140 Preventive Action Limit
BOLD results are above ES
ITALICIZED results are above PAL but below ES
 All chemistry results listed as µg/L, which is equivalent to parts per billion, unless otherwise noted.
 <"n" denotes not detected where "n" is the detection limit other than listed under MDL.
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1940 First Street North
Wisconsin Rapids, WI

A

GARAGE

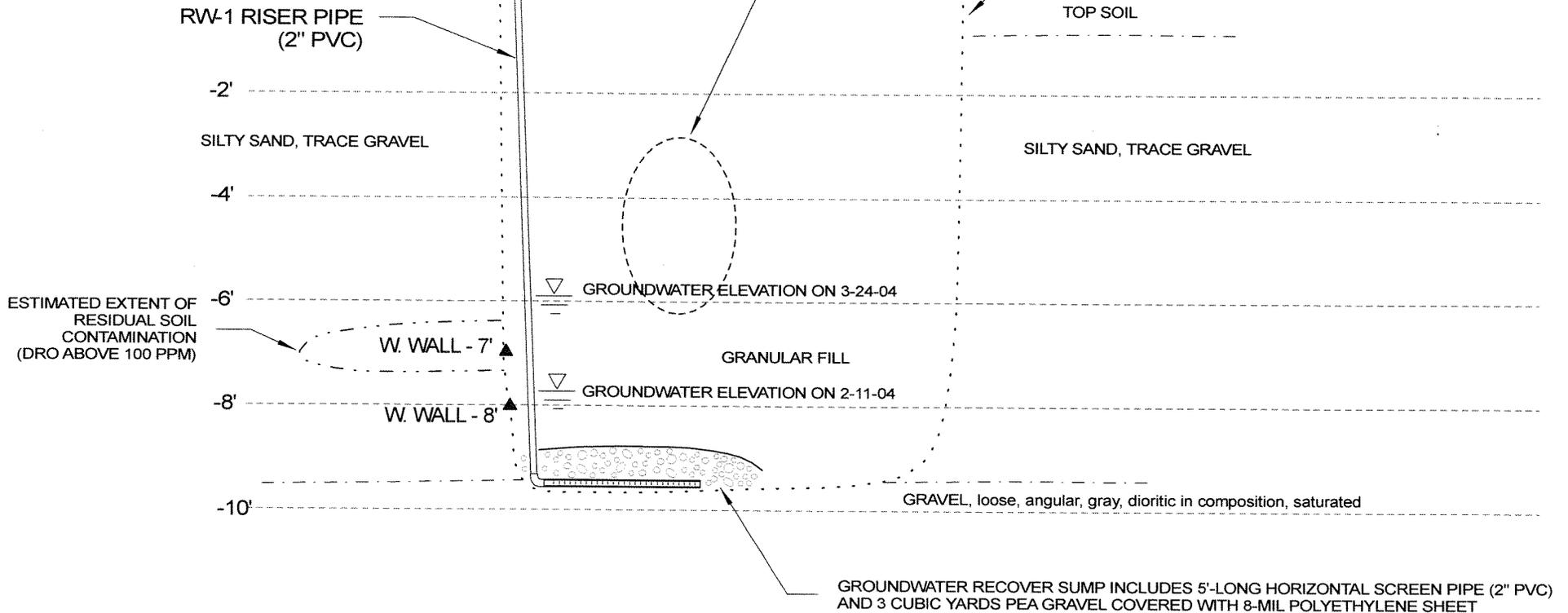
HOUSE
(NO BASEMENT)

FORMER HEATING OIL
UNDERGROUND STORAGE TANK

LIMIT OF REMEDIAL EXCAVATION

GROUND SURFACE

A'



CROSS SECTION A-A'
(SEE FIGURE 2 FOR SECTION LOCATION)

LEGEND

- ▲ = SOIL SAMPLE FROM EXCAVATION WEST WALL (12-30-03)
- ▽ = GROUNDWATER ELEVATION

HORIZONTAL SCALE: 1 INCH = 5 FEET
VERTICAL SCALE: 1 INCH = 3 FEET

Stuhlmacher Residence, Wisconsin Rapids				 ALPHA TERRA SCIENCE	
CROSS SECTION					
REV	DATE	DESCRIPTION	APPVD	DATE: 4-23-04	DWG #: x-sec 5.skf
				APPROVED: GCP	FIGURE 3

The legal description of the property included below completely encompasses the fuel oil soil contamination at the property known as the Stuhlmacher residence former leaking underground heating oil tank site.

Legal description as it appears on Quit Claim Deed document number 892010, parcel identification number 34-05166): Lots Three (3) and Four (4) in Block One (1) of Parameter Addition to the City of Wisconsin Rapids, according to the recorded plat thereof.

SIGNED: Richard Stuhlmacher DATE: 08/03/04