

GIS REGISTRY INFORMATION

SITE NAME:	Hollnagel Property								
BRRTS #:	03-41-248558								
COMMERCE # (if appropriate):	53217-1022-79								FID # (if appropriate):
CLOSURE DATE:	June 12, 2006								
STREET ADDRESS:	9479 N River Bend Ct								
CITY:	River Hills								
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):		X =	685937		Y =	304023			
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 or denial 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 checked="" 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 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 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"/>
Copy of any maintenance plan referenced in the deed restriction									<input type="checkbox"/>



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
101 West Pleasant Street, Suite 100A
Milwaukee, Wisconsin 53212-3963
TDD #: (608) 264-8777
Fax #: (414) 220-5374
Jim Doyle, Governor
Mary P. Burke, Secretary

June 12, 2006

Mr. Harold Hollnagel
9479 North River Bend Court
River Hills, WI 53217-1022

RE: **Final Closure**

Commerce # 53217-1022-79 DNR BRRTS # 03-41-248558
Hollnagel Property, 9479 North River Bend Court, River Hills

Dear Mr. Hollnagel:

The Wisconsin Department of Commerce (Commerce) has received all items required as a condition for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil 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 (414) 220-5376.

Sincerely,

A handwritten signature in black ink, appearing to read "L. M. Michalets", is written over a horizontal line.

Linda M. Michalets
Senior Hydrogeologist
Site Review Section

cc: Mr. David Lennon, Sentinel Environmental Services, LLC



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101 West Pleasant Street, Suite 100A
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Jim Doyle, Governor
Mary P. Burke, Secretary

March 9, 2006

Mr. Harold Hollnagel
9479 North River Bend Court
River Hills, WI 53217-1022

RE: **Conditional Case Closure**

Commerce # 53217-1022-79 DNR BRRTS # 03-41-248558
Hollnagel Property, 9479 North River Bend Court, River Hills

Dear Mr. Hollnagel:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Sentinel Environmental Services, LLC, for a 1,000 gallon gasoline underground storage tank that was removed from this property in 1999. 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 July 21, 2004, the preventive action limit (PAL) for methyl tertiary butyl ether (MtBE) was exceeded at temporary monitoring well GP-12 on the source property, at 24 parts per billion (ppb). The PAL for MtBE was also exceeded off-property at temporary monitoring wells GP-9 and GP-10 at 50 ppb and 18 ppb, respectively. Commerce is issuing a PAL exemption, per NR 140.28 (2), Wis. Adm. Code, for MtBE at the source property and the adjacent property identified as 9459 North River Bend Court.

The following condition must be satisfied to obtain final closure:

- The six temporary monitoring wells must be properly abandoned. The appropriate documentation must be forwarded to me at 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.

A groundwater GIS Registry fee of \$250 was paid for this site as well as the soil GIS Registry fee of \$200. The data included in the closure request indicates that there were no enforcement standard exceedances in any well during the last sample round. Therefore, inclusion of this site on the groundwater GIS Registry is not required. You may request a refund of the groundwater fee from the Department of Natural Resources Southeast Region office. Include a copy of this letter with your request.

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 (414) 220-5376.

Sincerely,

A handwritten signature in black ink, appearing to read "L.M. S", with a long horizontal flourish extending to the right.

Linda M. Michalets
Senior Hydrogeologist
Site Review Section

cc: Mr. David Lennon, Sentinel Environmental Services, LLC

Wisconsin DNR GIS Registry of Closed Remediation Sites

[DNR Website](#) | [About](#) | [Contact](#)



[Layers](#) | [What is the GIS Registry?](#) | [Legend](#) | [Find Location](#) | [Download Data](#) | [Themes](#) | [Print](#) | [Help](#)

[Full State](#)

[Zoom In](#)

[Zoom Out](#)

[Zoom Last](#)

[Move](#)

[Identify](#)

[XY](#)

[PDF & BRRTS](#)

Identify Results



Coordinate Position

Lat/Lon: 87° 57' 28.3" W
43° 11' 26.7" N

UTM (x, y): 422167, 4782444
(zone 16)

WTM: 685937, 304023

Municipalities

Name: River Hills

County Boundary

Name: Milwaukee

County FIPS: 079

Region Name: Southeast Region

*Hollnagel
Residence*

⊗ Symbol



Scale: 1: 2,400



Selected Map Tool:

[Identify](#)

[Drill Down Identif](#)

[Bureau of Remediation and Redevelopment](#) | [BRRTS on the Web](#) | [Contaminated Databases](#) | [Comments on this website](#) |

5203028

REGISTER'S OFFICE
Milwaukee County, WI
RECORDED AT

APR 18 1978

REEL 1102 IMAGE 927
REGISTER
OF DEEDS

FIRST WISCONSIN TRUST COMPANY,
as Trustee under the Will of
JEAN WALLACE WANVIG, deceased,
and not in its individual capacity,

for a valuable consideration conveys without warranty to
HAROLD E. HOLLNAGEL and
JUDITH J. HOLLNAGEL, his wife

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

RETURN TO: hollnagel, Harold
c/o Mechanical Industries
3900 N. 91st St.
Milw. 53223

Tax Key No. 011-0010

Lot 10 in River Bend Estates, being a Subdivision of a part of the
North West 1/4 of Section 1, in Township 8 North, Range 21 East, in
the Village of River Hills, County of Milwaukee, State of Wisconsin.

This is non homestead property.

TRANSFER
\$ 48.00
FEE

Dated this 12th day of April, 1978.

(SEAL)

Eric Hagerup, Vice President (SEAL)

ATTEST: Richard Pyritz, Jr., Ass't. Secretary
As Trustee under the Will of
not in its individual capacity.

Jean Wallace Wanvig, deceased, and
AUTHENTICATION

Signatures authenticated this _____ day of _____, 19____.

STATE OF WISCONSIN

Milwaukee County.

Personally came before me, this 12th day of April, 1978, the above named

Eric Hagerup, Vice President, and
Richard Pyritz, Jr., Assistant Secretary, of the
First Wisconsin Trust Company

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

Warren A. Greenwald
Warren A. Greenwald

Notary Public, State of Wisconsin
My Commission is permanent (if not, state expiration date: March 4, 1979)

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by § 106.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Donald S. Buzard

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

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

*2.50
*48.00
11-10-78 034

200

6554274

REGISTRY'S OFFICE
MILWAUKEE COUNTY WIS

91 DEC 26 P1:43

REEL 2680 530
WARRANTY DEED REGISTER
OF DEEDS

This Deed, made between V. Kutumba Rao

Grantor,
and Edith A. Burns, or her successors, as Trustee of the
Edith A. Burns Revocable Trust dated February 2, 1990 and
William Burns, or his successors, as Trustee of the
William Burns Revocable Trust dated February 2, *, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration

conveys to Grantee the following described real estate in Milwaukee
County, State of Wisconsin:

* 1990, as tenants in common

RETURN TO Amy Robert Syder
7700 N. Water #1500
Milwaukee, WI 53222

Tax Parcel No: 011-0009

Lot 9, in River Bend Estates, being a Subdivision of a part of the North West 1/4 of
Section 1, Township 8 North, Range 21 East, in the Village of River Hills, County of
Milwaukee and State of Wisconsin.

TRANSFER
\$ 495.00
FEE

6554274
RECORD 10.00
RTX 495.00

This is NOT homestead property.
(in) (is not)

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And V. Kutumba Rao

warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except
municipal and zoning ordinances, recorded easements for public utilities serving the
property, recorded building and use restrictions and covenants, and general taxes
levied in 1991 and subsequent years
and will warrant and defend the same.

Dated this 12th day of December 19 91

(SEAL) V. Kutumba Rao (SEAL)
V. Kutumba Rao (SEAL)

AUTHENTICATION

Signature(s) _____
authenticated this _____ day of _____, 19 _____

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Attorney Gerald T. Warzyn

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

ACKNOWLEDGEMENT

STATE OF WISCONSIN }
Milwaukee County } ss.
Personally came before me this 12th day of
December 19 91 the above named
V. Kutumba Rao

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

John T. Warzynak
Notary Public Milwaukee County, Wis.
My Commission is permanent. (If not, expiration date _____, 19 _____)

*Name of person acting in any capacity should be typed or printed below their signature.

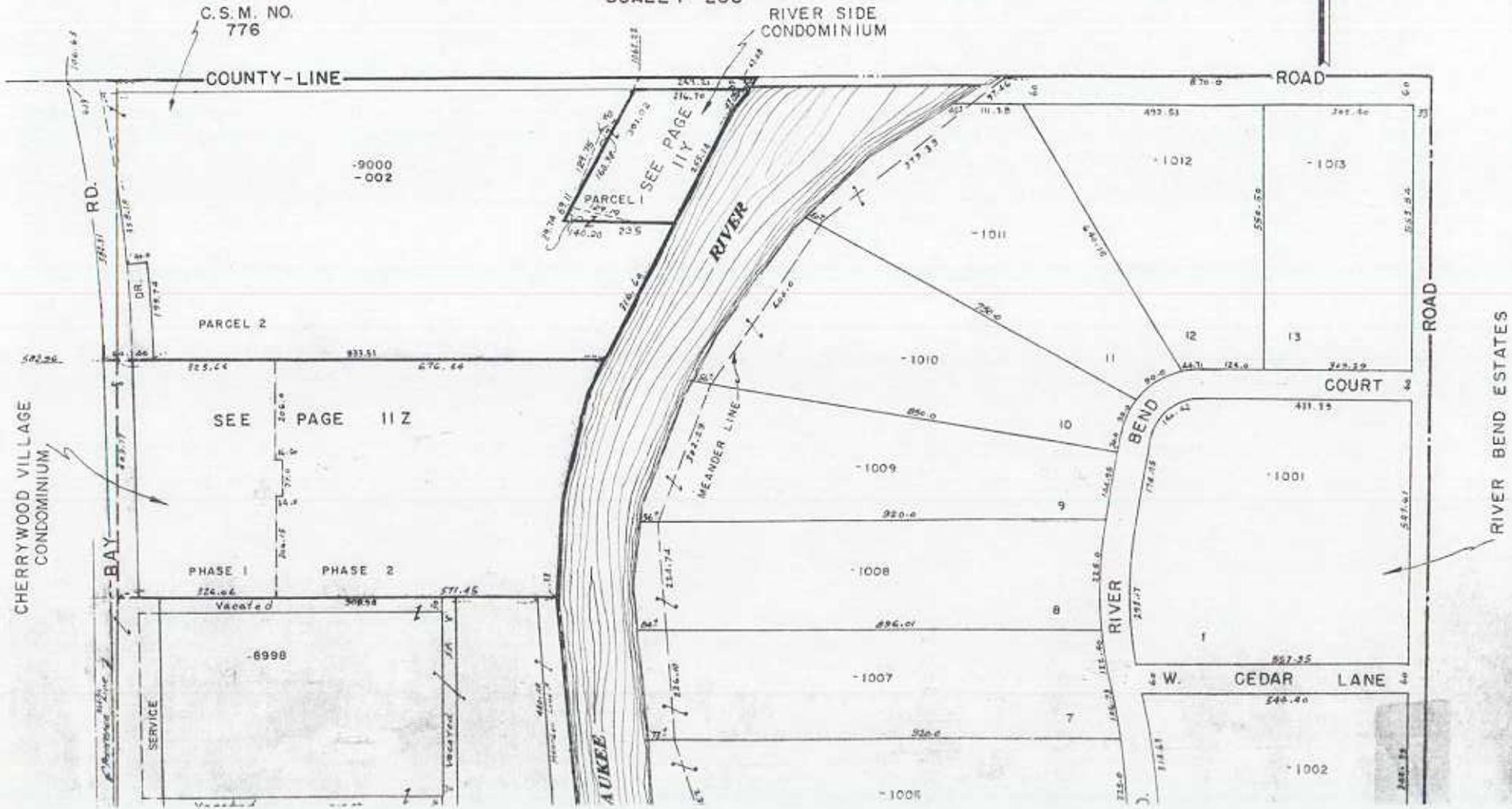
10

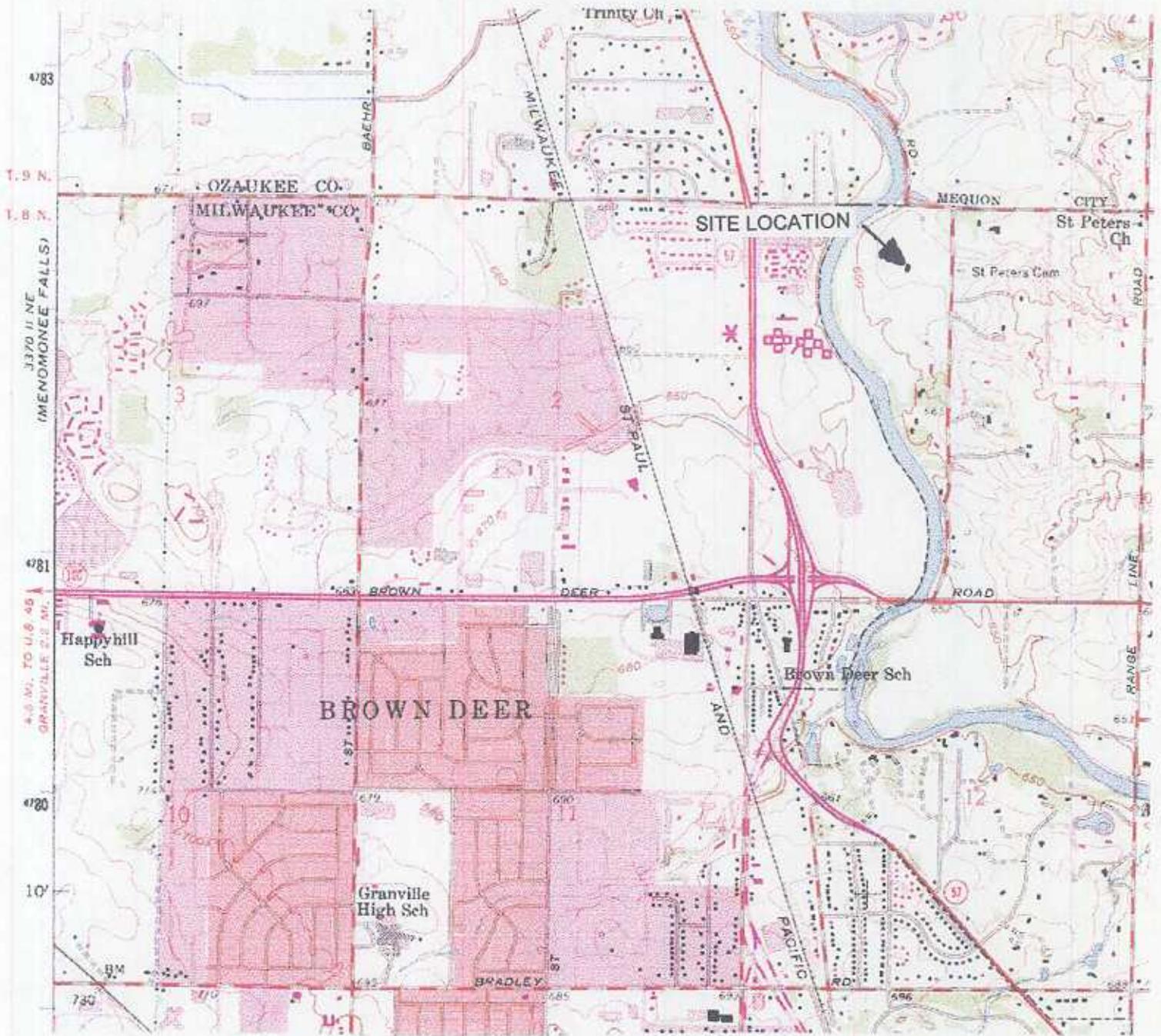
3

N. W. ¼ SEC. 1, T8N.R21E.

VILLAGE OF BROWN DEER
VILLAGE OF RIVER HILLS

SCALE 1" = 200'





Note: Base map developed from the Milwaukee, Wisconsin
7.5 Minute U.S.G.S. Quadrangle Map

Scale (feet): 0 ————— 2000

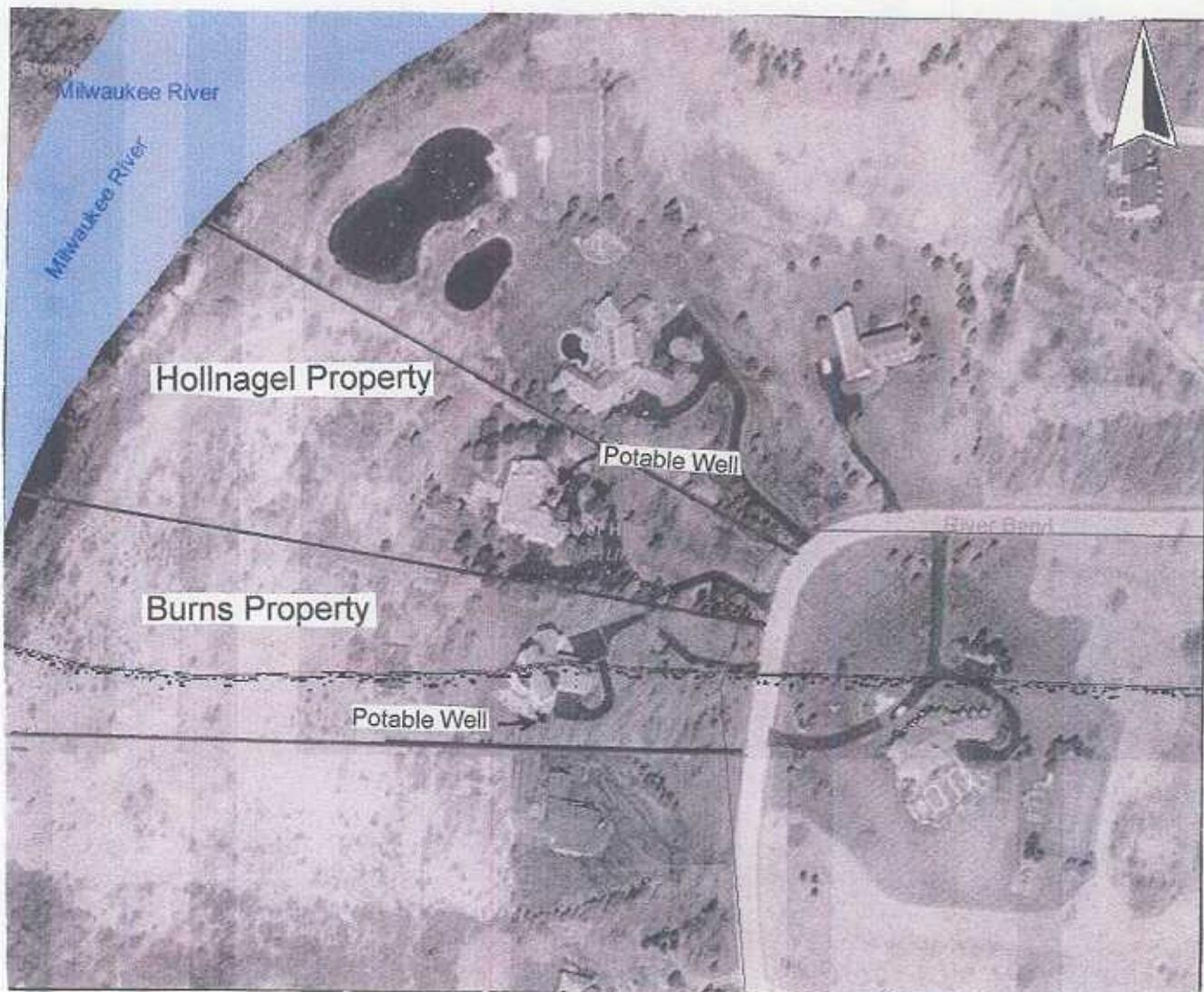
FIGURE 1
SITE LOCATION MAP
HOLLNAGEL RESIDENCE
9479 N. RIVER BEND CT.
RIVER HILLS, WI 53217



Quadrangle Location
 NE ¼, NW ¼, S1, T8N, R21E

SENTINEL
 ENVIRONMENTAL
 SERVICES, LLC





Scale (feet): 0 ————— 200
(approximate)

FIGURE 5
EXPANDED SITE FEATURES
HOLLNAGEL RESIDENCE
9479 N. RIVER BEND CT.
RIVER HILLS, WI 53217

SENTINEL
ENVIRONMENTAL
SERVICES, LLC



TABLE 1 (page 1 of 2)
SOIL ANALYTICAL RESULTS - FORMER GASOLINE UST
HOLLNAGEL RESIDENCE

Boring	NR720 GENERIC RCLs	COMM 46 TABLE 1 VALUES	COMM 46 TABLE 2 VALUES	SOIL SAMPLE LOCATIONS					
				GP-1	GP-2	GP-3	GP-4	GP-5	GP-6
Depth (feet)				4-8	4-8	4-8	4-8	8-12	4-8
Date Sampled				04/03/03	04/03/03	06/17/03	06/17/03	06/17/03	06/17/03
PID				14.5	10.5	882	0	0	805
GROs (ppm)	250	--	--	25.6	10.2	82.1	<5.92	<5.78	394.0
Total Lead (mg/kg)	50	--	--	5.06	7.58	7.58	7.58	7.58	7.58
VOCs (ppb) ¹									
Benzene	25 ²	8,500	1,100	122	120	240	<25	<25	2,210
n-Butylbenzene	--	--	--	354	36.6	1,260	<25	<25	2,940
sec-Butylbenzene	--	--	--	176	<25	781	<25	<25	1,680
Di-isopropyl ether	--	--	--	51.0	<25	<50	<25	<25	1,160
Ethylbenzene	2,900	4,600		512	38.0	514	<25	<25	8,220
Isopropylbenzene	--	--	--	336	<25	442	<25	<25	1,460
p-Isopropyltoluene	--	--	--	67.0	<25	164	<25	<25	<250
Methyl-t-butyl-ether	--	--	--	<25	<25	<50	<25	139	<250
Naphthalene	400	2,700		1,220	46.0	1,220	<25	<25	3,720
n-Propylbenzene	--	--	--	1,500	44.5	2,110	<25	<25	6,150
Toluene	1,500	38,000	--	<25	<25	<50	<25	<25	6,700
1,2,4 TMB	--	83,000	--	2,600	354	9,170	<25	<25	27,600
1,3,5 TMB	--	11,000	--	1,730	65.9	1,870	<25	<25	8,050
Total Xylenes	4,100	42,000	--	171	53.7	241	<25	<25	27,000

-- = Not Tested or No Standard

TMB = trimethylbenzene

¹ Only VOCs detected plus all PVOCs are listed.

² Limit exceeds soil residual clean-up limits due to methanol preservation.

Bold type = Concentration exceeds either NR 720 RCL's, Comm 46 Table 1 or Table 2 values.

Note: Table 2 values for Protection of Human Health from Direct Contact with Contaminated Soil applies to the upper 4 feet of the soil zone.

TABLE 1 (page 2 of 2)
SOIL ANALYTICAL RESULTS - FORMER GASOLINE UST
HOLLNAGEL RESIDENCE

Boring	NR720 GENERIC RCLs	COMM 46 TABLE 1 VALUES	COMM 46 TABLE 2 VALUES						
				GP-7	GP-8	GP-9	GP-10	GP-11	GP-12
Depth (feet)				4-8	4-8	8-12	8-12	8-12	8-12
Date Sampled				06/17/03	06/17/03	07/09/04	07/09/04	07/09/04	07/09/04
PID				0	5.3	0	0	0	0
GROs (ppm)	250	--	--	<5.86	28.6	--	--	--	--
Total Lead (mg/kg)	50	--	--	7.58	7.58	8.40	7.30	8.10	7.50
VOCs (ppb) ¹									
Benzene	25 ²	8,500	1,100	90	114	<25	<25	<25	<25
n-Butylbenzene	--	--	--	57	463	<25	<25	<25	<25
sec-Butylbenzene	--	--	--	<25	291	<25	<25	<25	<25
Di-isopropyl ether	--	--	--	<25	<25	<25	<25	<25	<25
Ethylbenzene	2,900	4,600		<25	620	<25	<25	<25	<25
Isopropylbenzene	--	--	--	<25	188	<25	<25	<25	<25
p-Isopropyltoluene	--	--	--	<25	380	<25	<25	<25	<25
Methyl-t-butyl-ether	--	--	--	<25	<25	<25	<25	<25	<25
Naphthalene	400	2,700		<25	36.9	<25	<25	<25	<25
n-Propylbenzene	--	--	--	<25	939	<25	<25	<25	<25
Toluene	1,500	38,000	--	<25	<25	<25	<25	<25	<25
1,2,4 TMB	--	83,000	--	<25	345	<25	<25	<25	<25
1,3,5 TMB	--	11,000	--	<25	494	<25	<25	<25	<25
Total Xylenes	4,100	42,000	--	<25	151	<25	<25	<25	<25

-- = Not Tested or No Standard

TMB = trimethylbenzene

¹ Only VOCs detected plus all PVOCs are listed.

² Limit exceeds soil residual clean-up limits due to methanol preservation.

Bold type = Concentration exceeds either NR 720 RCL's, Comm 46 Table 1 or Table 2 values.

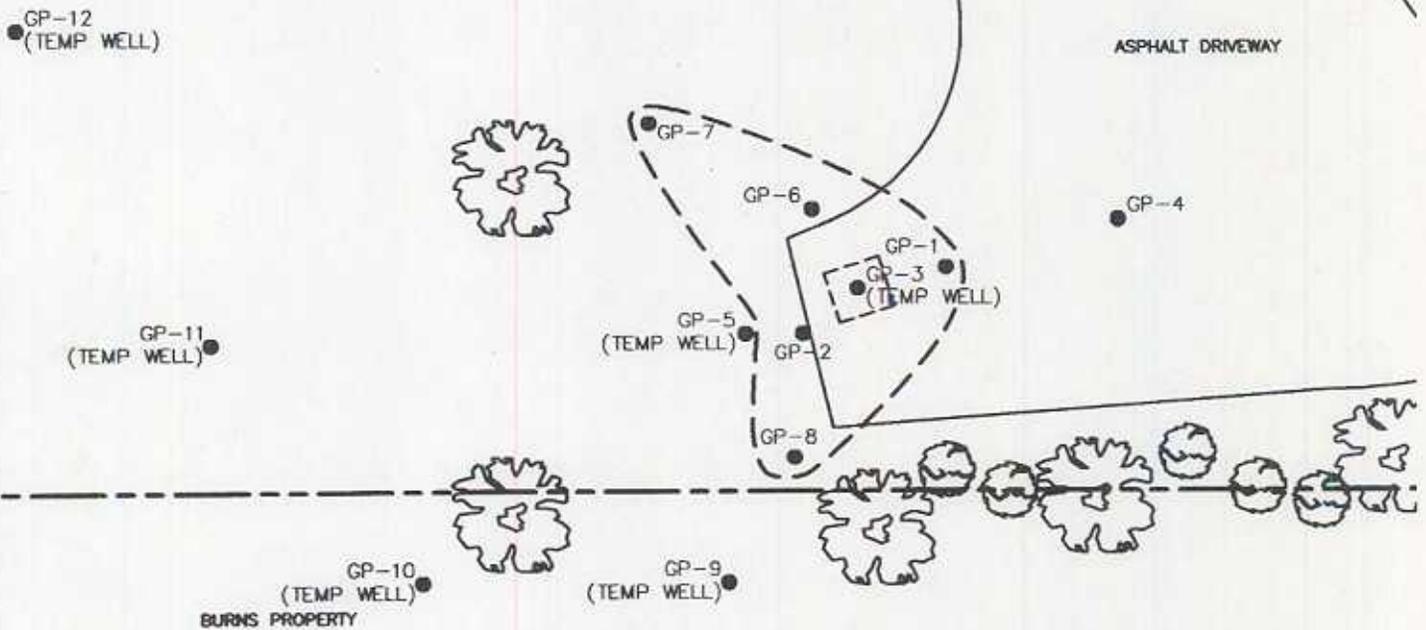
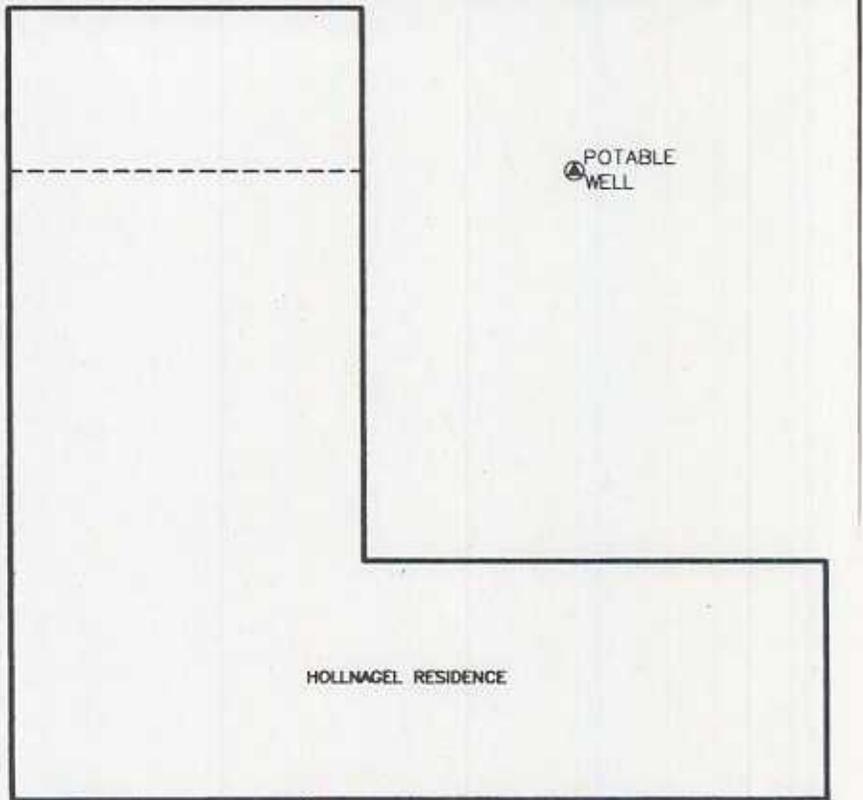
Note: Table 2 values for Protection of Human Health from Direct Contact with Contaminated Soil applies to the upper 4 feet of the soil zone.

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- ⊙ POTABLE WELL LOCATION
- GP-1 GEOPROBE LOCATION AND NUMBER
- APPROXIMATE FORMER LOCATION OF 1,000-GALLON UNDERGROUND GASOLINE STORAGE TANK
- ⊗ TREES/SHRUBS
- - - EXTENT OF SOIL CONTAMINATION ABOVE RCLs

NOTES

1. ORIGINAL DRAWING PRODUCED BY ADVENT ENVIRONMENTAL SERVICES, INC. UPDATES AFTER SEPTEMBER 1, 2003 BY SENTINEL ENVIRONMENTAL SERVICES, LLC.



PROJ# 200318-A1
 DATE: 12/29/05
 DRAWN BY: CCM
 APPROVED BY:



FIGURE 3
 EXTENT OF SOIL CONTAMINATION
 ABOVE RCLs
 HOLLNAGEL RESIDENCE
 RIVER HILLS, WISCONSIN



RE: Hollnagel Residence
9479 North River Bend Court
River Hills, WI 53217

To whom it may concern:

I believe the legal description included with the closure request for the property at 9479 North River Bend Court, River Hills, WI to be complete and accurate.

Harold E. Hollnagel
Print Name

owner
Title

Harold E. Hollnagel
Signature

9/20/05
Date