

GIS REGISTRY INFORMATION

SITE NAME:	TOMORROW VALLEY COOP - MANAWA BULK PLT			
BRRTS #:	02-69-260736	FID # (if appropriate):		
COMMERCE # (if appropriate):	54949-8931-04			
CLOSURE DATE:	11/29/2004			
STREET ADDRESS:	N6604 STATE RD 22 & 110			
CITY:	MANAWA			
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X=	605926	Y= 445691	
CONTAMINATED MEDIA:	Groundwater <input type="checkbox"/>	Soil <input checked="" type="checkbox"/>	Both <input type="checkbox"/>	
OFF-SOURCE GW CONTAMINATION >ES:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
IF YES, STREET ADDRESS 1:	_____			
GPS COORDINATES (meters in WTM91 projection):	X=	_____	Y= _____	
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
IF YES, STREET ADDRESS 1:	_____			
GPS COORDINATES (meters in WTM91 projection):	X=	_____	Y= _____	
CONTAMINATION IN RIGHT OF WAY:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
DOCUMENTS NEEDED:				
Closure Letter, and any conditional closure letter issued				X
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				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)				NA
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.				NA
GW: Table of water level elevations, with sampling dates, and free product noted if present				NA
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)				NA
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)				NA
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)				NA
Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure				NA



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

November 29, 2004

Don Gilles
Tomorrow Valley Coop Services
961 Depot St
Manawa, WI 54949

RE: **Final Closure**

Commerce # 54949-8931-04 **WDNR BRRTS # 02-69-260736**
Tomorrow Valley Coop, N6604 State Rd 22 & 110, Manawa

Dear Mr. Gilles:

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, appearing to read "Dee Zoellner". The signature is written in a cursive style with a long, sweeping underline.

Dee Zoellner
Hydrogeologist
Site Review Section

cc: Amy Haak, 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

October 26, 2004

Don Gilles
Tomorrow Valley Coop Services
961 Depot St
Manawa, WI 54949

RE: **Conditional Case Closure**

Commerce # 54949-8931-04 WDNR BRRTS # 02-69-260736
Tomorrow Valley Coop, N6604 State Rd 22 & 110, Manawa

Dear Mr. Gilles:

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.

The following condition must be satisfied to obtain final closure:

- All monitoring wells (MW 1, 3, 7 and PZ 8) 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.

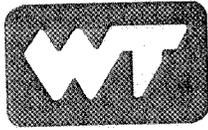
Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (715) 342-3802.

Sincerely,

A handwritten signature in cursive script that reads "Dee Zoellner".

Dee Zoellner
Hydrogeologist
Site Review Section

cc: Amy Haak, Alpha Terra Science Inc
Case File



WISCONSIN TITLE

No. 8073

Abstract of Title TO

The following described land in the County of Waupaca and State of Wisconsin, to-wit:

A parcel of land lying in the Northwest Quarter ($NW\frac{1}{4}$) of the Southwest Quarter ($SW\frac{1}{4}$) of Section Number Ten (10), Township Number Twenty three (23) North, Range Number Thirteen (13) East, described as follows:
Commencing on the South line of said forty in the center of State Highway 22,
thence East Two hundred (200) feet,
thence North parallel with the center line of said State Highway 22 a distance of One hundred thirty (130) feet,
thence West Two hundred (200) feet to the center of State Highway 22,
thence South along the center line of said Highway 22 to the place of beginning.

Parcel IO[#] - 1310322

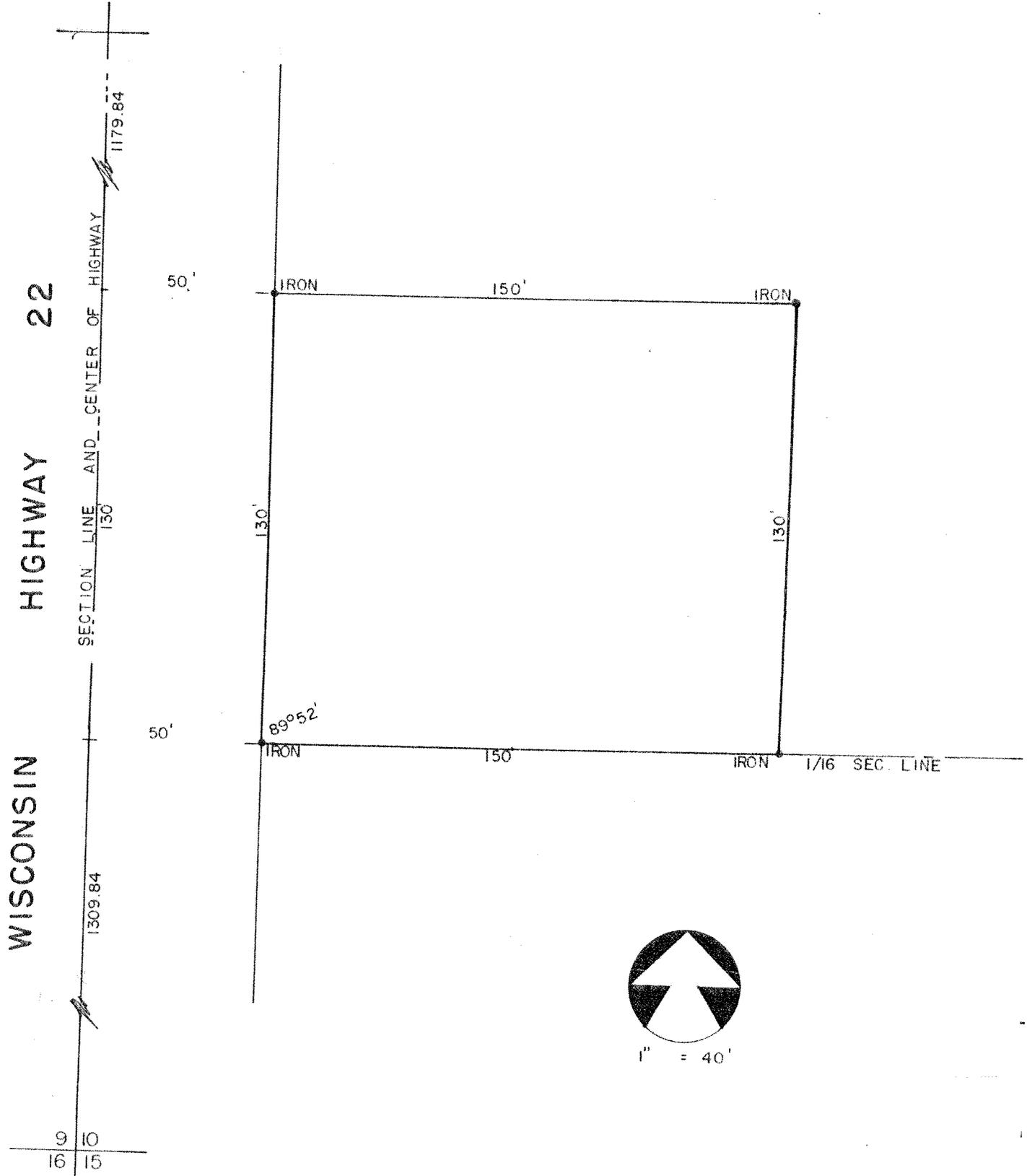
"Remove not the ancient landmark, which thy fathers have set" Proverbs 22:28

Property At WISCONSIN HIGHWAY 22

ALFRED M. SCHUELKE

(Owner)

Legal Description (METES & BOUNDS) PART OF THE N.W. 1/4 OF THE S.W. 1/4 OF SECTION 10,
TOWNSHIP 23 NORTH, RANGE 13 EAST, LITTLE WOLF TOWNSHIP, WAUPACA COUNTY,
WISCONSIN.



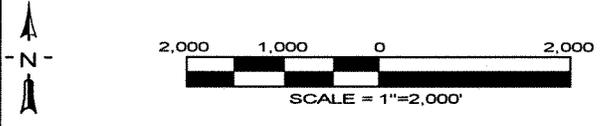
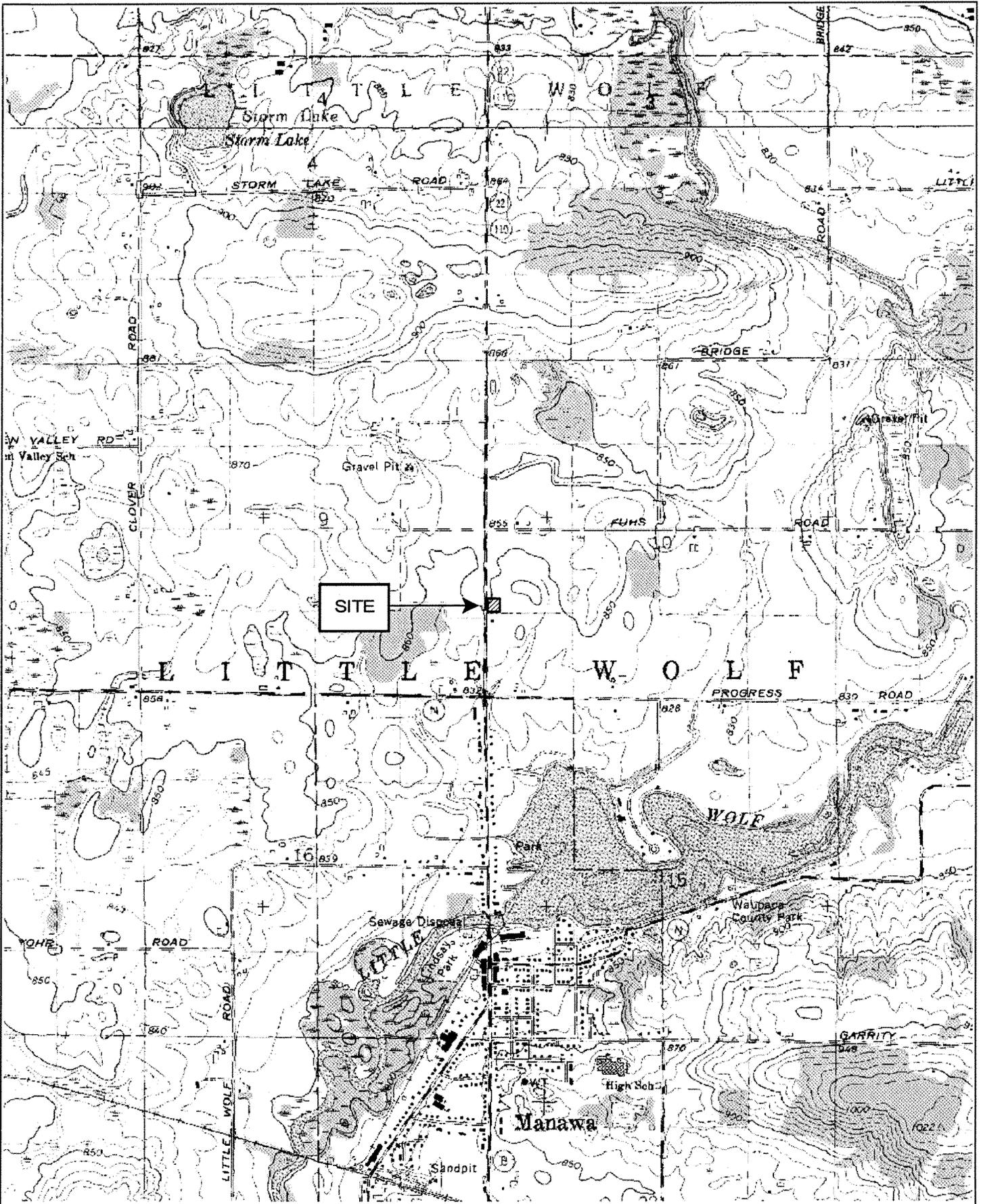
County of Waupaca
State of Wisconsin

{SS.

I hereby certify that on the 12 day of OCTOBER 1962 I have surveyed the property described above according to the official records and from the above plan a true and correct representation of the boundary lines and measurements and the principal lines and measurements of all buildings and other structures thereon.

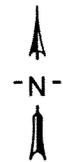
Ray P. Lebeck

Register of Land Surveyor



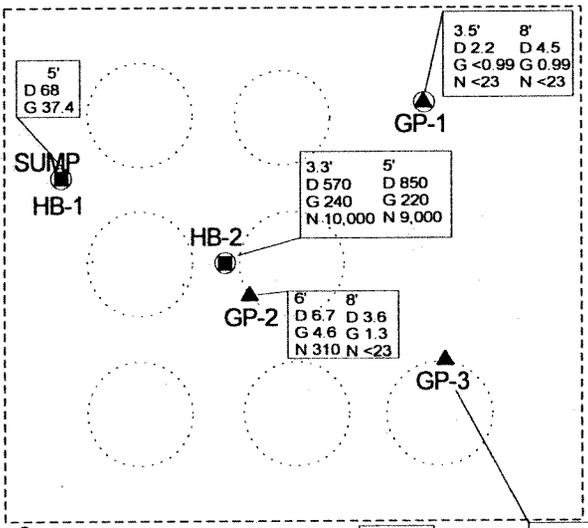
SOURCE: USGS (1969). *Manawa, Wisconsin 7.5 Minute Topographic Quadrangle Map*. Photinspected 1982. Scale 1:24,000.

Title: SITE LOCATION AND LOCAL TOPOGRAPHY				
Site: Tomorrow Valley Co-op, Manawa, WI				
REV	DATE	DESCRIPTION	APPVD	DATE: 8/19/04
				DWG # Drawings/Site Location.sld
SCALE 1:24,000				APPROVED KTK
				FIGURE 1



2-4' 6-8'
D <6.2 D NA
G <6.2 G <5.9
N <31 N <30

B9



5'
D 68
G 37.4

3.5' 8'
D 2.2 D 4.5
G <0.99 G 0.99
N <23 N <23

3.3' 5'
D 570 D 850
G 240 G 220
N 10,000 N 9,000

6' 8'
D 67 D 36
G 4.6 G 1.3
N 310 N <23

3'
D 910
G 140
N 8,600

1.5'
D 25
G 6.7
N 400

LOADING RACK

MW-3

2-4' 10-12'
D <6.1 D NA
G <6.1 G <6.4
N <30 N <33

2-4' 6-8'
D 821 D NA
G 121 G <5.9
N 399 N <29

MW-2

2-4' 6-8'
D <6.1 D NA
G <6.1 G <5.9
N <31 N <30

B5

5'
D 460
G 200
N 6,400

SHED

2-4' 6-8'
D <6.1 D NA
G <9.8 G <6.9
N <49 N <35

B6

MW-7

2-4' 6-8'
D <6.1 D NA
G <6.1 G <6.0
N <30 N <30

PZ-8

No Soil Samples

GP-6

Phone Pedestal

2-4' 6-8'
D <6.1 D NA
G <9.8 G <6.5
N <31 N <33

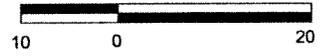
MW-1

Fence Line

LEGEND

- = HAND-AUGER SAMPLE LOCATION
- = HAND-AUGER BORING WITH GROUNDWATER SAMPLE
- ▲ = GEOPROBE BORING - WITH GROUNDWATER SAMPLE
- ▲ = GEOPROBE BORING
- ⊕ = MONITORING WELL/PIEZOMETER

D = DIESEL RANGE ORGANICS (ppm)
G = GASOLINE RANGE ORGANICS (ppm)
N = NAPHTHALENE (ppb)



Title: BORING LOCATIONS AND SOIL ANALYTICAL RESULTS			
Site: Tomorrow Valley Co-op, Manawa, WI			
REV	DATE	DESCRIPTION	APPVD

ALPHA TERRA
SCIENCE

Date: 8/19/04 DWG #: SI Base Map sld

APPROVED: KTK **FIGURE 3**

TABLE 1

**PRE-REMEDIAL SOIL CHEMISTRY RESULTS - GRO, DRO AND SELECTED VOCs
Tomorrow Valley Coop - Manawa Bulk Plant**

Sample ID	Sample Date	Depth (Feet bgs)	PID (s.u.)	GRO (mg/kg)	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MtBE	Naphthalene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	n-Propylbenzene
Hand Auger Borings																	
HB-1-M-5'	10/16/00	5	--	37.4	68.3	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--
HB-2-M-3.3'	10/31/01	3.3	--	240	570	<450	<420	<450	<1270	<450	[1,200]	<380	10,000	--	--	--	--
HB-2-M-5'	10/31/01	5	--	220	850	<450	<420	<450	<1270	2,100	1,600	<380	9,000	--	--	--	--
HB-3-M-2'	10/31/01	2	--	<0.99	<1.7	<23	<21	<22	<64	<23	<21	<19	<23	--	--	--	--
HB-4-M-1.5'	10/31/01	1.5	--	6.7	25	<23	<21	<22	<64	130	160	<19	400	--	--	--	--
Geoprobe Borings																	
GP-1-3.5'	12/20/01	3.5	--	<0.99	[2.2]	<23	<21	<22	<64	<23	<21	<19	<23	--	--	--	--
GP-1-8'	12/20/01	8	--	[0.99]	[4.5]	<23	<21	<22	<64	<23	<21	<19	<23	--	--	--	--
GP-2-6'	12/20/01	6	--	4.6	6.7	<23	<21	<22	<64	120	<21	<19	310	--	--	--	--
GP-2-8'	12/20/01	8	--	[1.3]	[3.6]	<23	<21	<22	<64	<23	<21	<19	<23	--	--	--	--
GP-3-4.5'	12/20/01	4.5	--	160	570	<570	<520	<560	<1,540	3,500	3,500	<470	10,000	--	--	--	--
GP-4-5'	12/20/01	5	--	200	460	[130]	270	[210]	[270]	1,400	970	<76	6,400	--	--	--	--
GP-5-3'	12/20/01	3	--	140	910	<450	<420	<450	<1,250	2,700	<420	<380	8,600	--	--	--	--
Soil Borings																	
MW-1	1/7/04	2-4	2.5	<6.1	<6.1	<31	<31	<31	<43	<31	<31	<31	<31	<31	<31	<31	<31
MW-1	1/7/04	6-8	0.0	<6.5	--	<33	<33	<33	<45	<33	<33	<33	<33	--	--	--	--

TABLE 1

PRE-REMEDIAL SOIL CHEMISTRY RESULTS - GRO, DRO AND SELECTED VOCS
Tomorrow Valley Coop - Manawa Bulk Plant

Sample ID	Sample Date	Depth (Feet bgs)	PID (s.u.)	GRO (mg/kg)	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MtBE	Naphthalene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	n-Propylbenzene
MW-2	1/5/04	2-4	15.2	121	821	<60	181	<60	254	110	157	<60	399	495	133	302	121
MW-2	1/5/04	6-8	1.7	<5.9	--	<29	<29	<29	<41	<29	<29	<29	<29	--	--	--	--
MW-3	1/5/04	2-4	0.0	<6.1	<6.1	<30	<30	<30	<43	<30	<30	<30	<30	<30	<30	<30	<30
MW-3	1/5/04	10-12	0.0	<6.4	--	<33	<33	<33	<44	<33	<33	<33	<33	--	--	--	--
B-5	1/5/04	2-4	0.0	<6.1	<6.1	<31	<31	<31	<43	<31	<31	<31	<31	--	--	--	--
B-5	1/5/04	6-8	0.0	<5.9	--	<30	<30	<30	<42	<30	<30	<30	<30	--	--	--	--
B-6	1/5/04	2-4	0.0	<9.8	<6.1	<49	<49	<49	<68	<49	<49	<49	<49	--	--	--	--
B-6	1/5/04	6-8	1.3	<6.9	--	<35	<35	<35	<49	<35	<35	<35	<35	--	--	--	--
MW-7	1/7/04	2-4	2.5	<6.1	<6.1	<30	<30	<30	<42	<30	<30	<30	<30	--	--	--	--
MW-7	1/7/04	6-8	1.6	<6.0	--	<30	<30	<30	<42	<30	<30	<30	<30	--	--	--	--
B-9	1/5/04	2-4	2.6	<6.2	<6.2	<31	<31	<31	<43	<31	<31	<31	<31	--	--	--	--
B-9	1/5/04	6-8	0.0	<5.9	--	<30	<30	<30	<41	<30	<30	<30	<30	--	--	--	--
NR 720 Residual Contaminant Levels				100	100	5.5	2,900	1,500	4,100	NS	NS	NS	NS	NS	NS	NS	NS
NR 746.06 Table 1				NS	NS	8,500	4,600	38,000	42,000	83,000	11,000	NS	2,700	NS	NS	NS	NS
NR 746.06 Table 2 (Top 4 Feet)				NS	NS	1,100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

NOTES: feet bgs = feet below ground surface

s.u. = standard units

GRO = gasoline-range organics

DRO = diesel-range organics

-- = not analyzed

NS= No standard established

[210] = Numbers in brackets indicate that the specific parameter was reported between the laboratory limit of detection and limit of quantification.

BOLD = Concentration above NR746.06 Table 1 or NR720.09 RCLs

Units are µg/kg unless otherwise indicated.

TABLE 2

PRE-REMEDIAL SOIL CHEMISTRY RESULTS - PAH PARAMETERS
 Tomorrow Valley Cooperative-Manawa Bulk Plant

Sample ID	Depth (Feet bgs)	Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(123-cd)pyrene	1-methyl naphthalene	2-methyl naphthalene	Naphthalene	Phenanthrene	Pyrene
MW-1	2-4	1/7/04	<0.061	<0.10	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0091	<0.012	<0.012	<0.0061	<0.037	<0.031	<0.037	<0.0061	<0.0061
MW-2	2-4	1/5/04	0.10	<0.10	0.133	0.287	<0.006	<0.006	<0.006	<0.006	0.11	<0.0091	0.628	0.338	<0.006	0.314	0.870	0.326	0.616	0.737
MW-3	2-4	1/5/04	<0.061	<0.10	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0091	<0.012	<0.012	<0.0061	<0.036	<0.030	<0.036	<0.0061	<0.0061
GENERIC CLEANUP LEVEL Groundwater Pathway			38	1	3,000	17	48	360	870	6,800	37	38	500	100	680	23	20	0	2	8,700
Direct Contact - Industrial			60,000	360	300,000	4	0	4	39	39	390	0	40,000	40,000	4	70,000	40,000	110	390	30,000

Notes: Generic Cleanup Levels from Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAH) Interim Guidance, WDNR Publication RR-519-97, April 1997 (corrected)
 feet bgs = feet below ground surface
 Units are mg/kg.

TABLE 6

POST-REMEDIATION SOIL CHEMISTRY RESULTS - GRO, DRO AND PVOCS
 Tomorrow Valley Coop - Former Manawa Bulk Plant

Sample ID	Sample Date	Depth (Feet bgs)	PID (s.u.)	GRO (mg/kg)	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MIBE	Naphthalene
1 NW Corner Floor	7/6/04	5	0	<6.4	<6.4	<32	<32	<32	<45	<32	<32	<32	<32
2 SW Corner Wall	7/6/04	1 - 1.5	0	<5.9	<5.9	<30	<30	<30	<42	<30	<30	<30	<30
3 NW Corner Wall	7/6/04	0.5 - 1	0	<5.9	<5.9	<30	<30	<30	<42	<30	<30	<30	<30
4 Center Floor	7/6/04	6	17	161	2420	<67	<67	<67	<94	<67	<67	<67	363
5 N Wall	7/6/04	0.5 - 1	0	7.6	1190	<27	<27	<27	<38	<27	<27	<27	<27
6 N Wall	7/6/04	1.5	0	<5.3	14	<26	<26	<26	<37	<26	<26	<26	<26
7 NE Corner Wall	7/6/04	0.5 - 1	0.8	<6.0	<6.0	<30	<30	<30	<42	<30	<30	<30	<30
8 SE Corner Wall	7/6/04	1 - 1.5	0.8	<6.0	25	<30	<30	<30	<42	<30	<30	<30	<30
9 East Floor	7/6/04	5	27	146	688	<66	<66	<66	<93	74	<66	<66	661
11 S. Wall	7/6/04	1 - 1.5	0	9.4	83	<28	<28	<28	<39	<28	<28	<28	<28
12 W. Wall S. Dig	7/6/04	2 - 2.5	0	<5.5	32	<27	<27	<27	<38	<27	<27	<27	<27
14 S. Wall	7/7/04	1 - 1.5	0	<5.2	9.5	<26	<26	<26	<37	<26	<26	<26	<26
15 Floor	7/7/04	6	4	45	225	<33	<33	<33	<46	<33	<33	<33	172
MEOH Blank	7/7/04	--	--	<5.0	--	<25	<25	<25	<35	<25	<25	<25	<25
NR 720 Residual Contaminant Levels				100	100	5.5	2,900	1,500	4,100	NS	NS	NS	400**
NR 746.06 Table 1				NS	NS	8,500	4,600	38,000	42,000	83,000	11,000	NS	2,700
NR 746.06 Table 2 Direct Contact (Top 4')				NS	NS	1,100	NS	NS	NS	NS	NS	NS	NS

NOTES: feet bgs = feet below ground surface

GRO = gasoline-range organics

-- = not analyzed

BOLD = Concentration above NR746.06 Table 1 or NR 720.09 RCLs

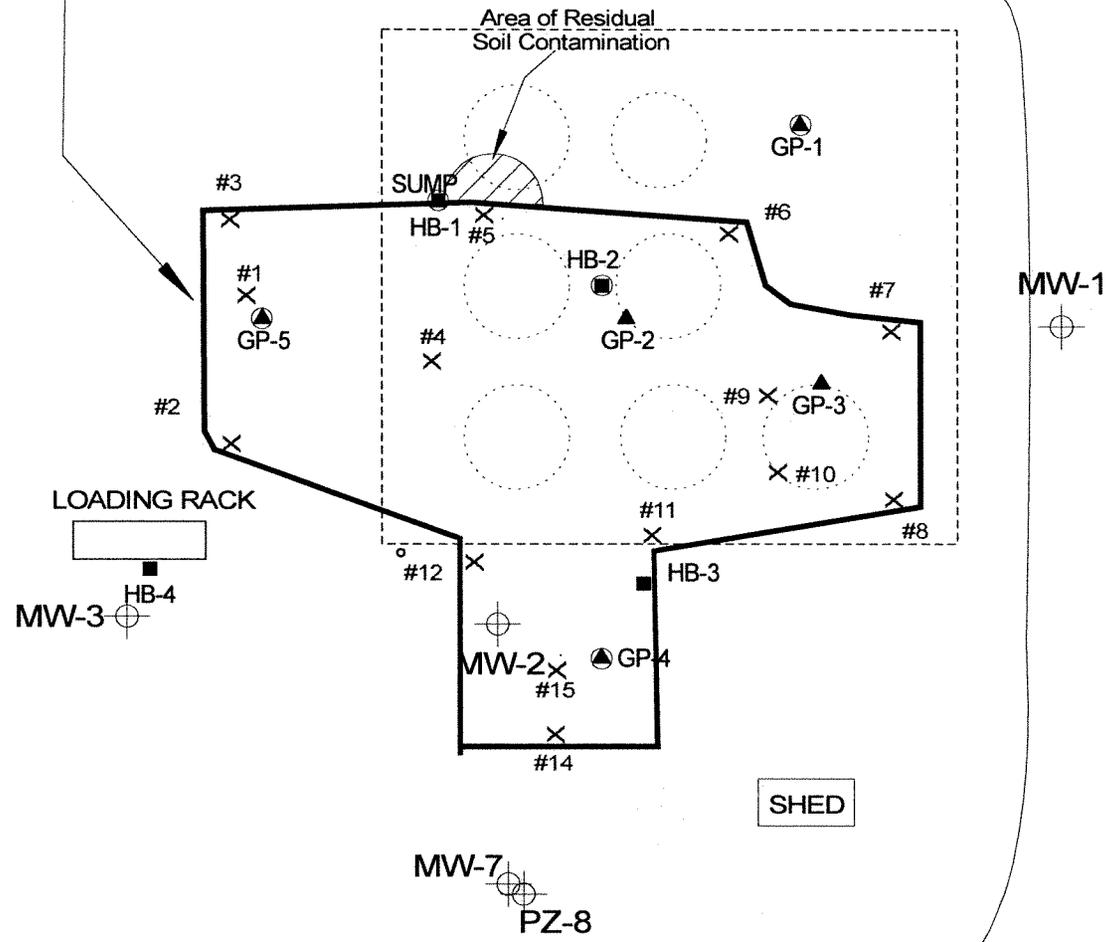
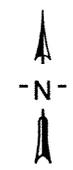
** From :Generic Cleanup Levels from Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAH)
 Interim Guidance, WDNR Publication RR-519-97, April 1997 (corrected)

Units are µg/kg unless otherwise indicated.

s.u. = standard units

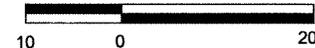
DRO = diesel-range organics

NS= No standard Established



LEGEND

- = HAND-AUGER SAMPLE LOCATION
- = HAND-AUGER BORING WITH GROUNDWATER SAMPLE
- ⊙ = GEOPROBE BORING - WITH GROUNDWATER SAMPLE
- ▲ = GEOPROBE BORING
- ⊕ = MONITORING WELL/PIEZOMETER
- #4 X = EXCAVATION SOIL SAMPLE LOCATION

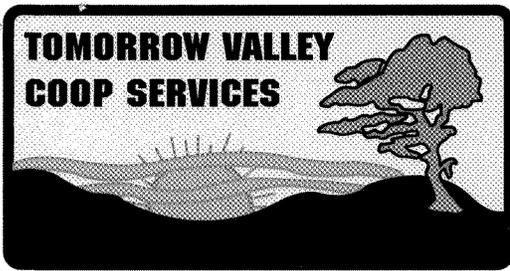


Title: SOIL SAMPLE LOCATIONS AND AREA OF RESIDUAL SOIL CONTAMINATION			
Site: Tomorrow Valley Co-op, Manawa, VM			
REV	DATE	DESCRIPTION	APPVD

ALPHA TERRA
SCIENCE

Date: 8/19/04 DWG #: SI Base Map.sxd

APPROVED: KTK **FIGURE 7**



"Owned by the people we serve."

Tomorrow Valley Cooperative

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Manawa, Wisconsin 54949

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Sept. 9, 2004

This letter is to inform you that I am an agent for the property owner of the property located at N6604 State Highway 22, Manawa, WI 54949. I have reviewed the property description that is listed on the enclosed copy of the property deed. To the best of my knowledge this property description, as listed on this property deed, is correct.

Donald Gilles

Donald Gilles
General Manager
Tomorrow Valley Cooperative

Sept 9, 2004
Date

Description of Site Activities, Remedial Actions Taken, and Justification for Closure

The petroleum bulk plant at the Tomorrow Valley Coop (TVC) Manawa facility contained seven aboveground storage tanks (ASTs) containing fuel oil, diesel fuel and unleaded gasoline. In October of 2000 a soil sample was taken at a sump area inside the earthen-dike containment area around the ASTs. The soil sample analytical results indicated that low concentrations of diesel range organics (DRO) and gasoline range organics (GRO) were present (68.3 milligrams per kilogram (mg/kg) and 37.4 mg/kg, respectively). A release was reported and on November 27, 2000, the WDNR issued a "Responsible Party" letter informing Tomorrow Valley Cooperative of their obligation to determine the extent of contamination under the "Spill Law", s. 292.11 Wisconsin Statutes.

Additional hand-auger samples were taken on October 31, 2001, including a grab groundwater sample from the center of the containment area. Those results indicated that the degree of contamination was higher than initially suspected. After reviewing the results from the October 31, 2001 samples, the need for collecting additional samples was obvious. On December 20, 2001, 11 Geoprobe® soil and groundwater samples were collected. Upon receipt of analytical data from this sampling event it was determined the extent of contamination was still not defined and eight additional soil borings were advanced on the site in January 2004 and five groundwater monitoring wells were installed.

Upon completion of site investigation activities, a hot-spot area source removal was completed to address the elevated soil contamination. In July 2004, approximately 740 tons of petroleum-impacted soil was excavated and hauled to the Waste Management Valley Trail Recycling and Disposal facility in Berlin, Wisconsin, where it was biopiled. In addition, one post-excavation groundwater sample was collected from each NR 141 monitoring well.

Contamination remains at the locations of three excavation floor samples, #4 (6 feet bgs), #9 (5 feet bgs) and #15 (6 feet bgs), located in the central, eastern and southern portions of the excavation. These samples were collected below the water table and represent material in the saturated zone. Approximately nine cubic yards of contaminated soil remains near the former tank sump area.

Soil remediation has been conducted to the extent practicable and contaminant levels have been significantly reduced. The groundwater quality in the area has been only minimally affected by the release. No further action is warranted and case closure with a Soil GIS registry for residual soil contamination is appropriate.

Previously Submitted Reports

Site Investigation Work Plan, December 28, 2001.

Site Investigation Status Update Letter, December 12, 2003.

Requested Information for the Tomorrow Valley Cooperative – Manawa Bulk Plant Site, December 29, 2003

Private wells
400