

GIS REGISTRY INFORMATION

SITE NAME: Landmark Services Coop
BRRTS #: 02-13-523616 **FID # (if appropriate):**
COMMERCE # (if appropriate):
CLOSURE DATE: 03-May-05
STREET ADDRESS: 203 W. Cottage Grove Road
CITY: Cottage Grove

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 58526 Y= 288336

CONTAMINATED MEDIA: Groundwater Soil Both
OFF-SOURCE GW CONTAMINATION >ES: Yes 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 No
IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): X= Y=
CONTAMINATION IN RIGHT OF WAY: Yes No

DOCUMENTS NEEDED:

- Closure Letter, and any conditional closure letter issued
- 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
- County Parcel ID number, if used for county, for all affected properties
- 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.
- 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.
- Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)
- Tables of Latest Soil Analytical Results (no shading or cross-hatching)
- 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.
- GW: Table of water level elevations, with sampling dates, and free product noted if present
- GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)
- SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour
- Geologic cross-sections, if required for SI. (8.5x14" if paper copy)
- RP certified statement that legal descriptions are complete and accurate
- Copies of off-source notification letters (if applicable)
- Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)
- Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ruthe E. Badger, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TTY Access via relay - 711

May 3, 2005

Mike Bandt
Landmark Services Cooperative
203 West Cottage Grove Road
Cottage Grove, WI 53527-0277

Subject: Final Closure on the Old Petroleum Contaminated Soil discovered while cleaning up the November 11, 2003 fuel oil spill at Landmark Services Coop on the corner of CTH N and Coffeytown Road in Dane County (BRRTS # 02-13-523616)

Dear Mr. Bandt:

On April 26, 2005, your request for closure of the case described above was presented to the South Central Region Closure Committee. Our Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency. After careful review, the Committee determined that soil and groundwater contamination has been adequately defined and no further remediation is necessary. Therefore the site is now closed.

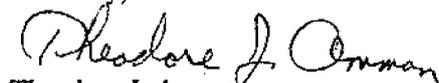
Since some contaminated soil and groundwater remains, your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm>

If this is a PECFA site, section 101.143, Wisconsin Statutes, 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 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 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 (608) 275-3332.

Sincerely,


Theodore J. Amman
Spill Response Coordinator/Hydrogeologist

Cc: Mike Elder – Landmark Services Cooperative

ATTACHMENT I

Required GIS Registry Information

- I-1. Copy of Most Recent Deed
- I-2. No Survey Map Required
- I-3. Parcel Identification Number
018/0711-163-9830-5

Site Geographic Position

All WTM83/91 Coordinates from RR GIS Website:

Historic Spill Site

Northwest Corner	585020, 288341
Southwest Corner	585020, 288335
Northeast Corner	585033, 288339
Southeast Corner	585033, 288335

- I-4. Site Location Map
- I-5. Map of Contaminated Properties Within the Site Boundary
- I-6. Tables of the Most Recent Analytical Results
 - I-6a. Soil Analytical Results
 - I-6b. Groundwater PVOC Analytical Results
 - I-6c. Groundwater PAH Analytical Results
- I-7. Map of Horizontal Extent of Groundwater Contamination
- I-8. Not Applicable
- I-9. Groundwater Flow Direction Map
 - I-9a. Groundwater Flow Direction Map for September 20-21, 1995
 - I-9b. Groundwater Flow Direction Map for October 2003
- I-10. Map Showing Location of All Soil Samples
- I-11. Not Applicable
- I-12. Responsible Party Statement
- I-13. Not Applicable
- I-14. Copy of Written Notifications
- I-15. Not Applicable

STATE BAR OF WISCONSIN FORM 3 - 1982
QUIT CLAIM DEED

DOCUMENT NO.

DANE COUNTY
REGISTER OF DEEDS

Doc No 2872347

Dane County Farmers Union Cooperative, a
Wisconsin agricultural cooperative

0000103

1997-07-22 09:12 AM
Trans. Fee 0.00
Rec. Fee 26.00
Pages 9

quit-claims to Cottage Grove Cooperative, a
Wisconsin agricultural cooperative

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

See Exhibits A, B, C, D, E, F, G, and H,
attached hereto and incorporated herein.

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS
Attorney Randall J. Andersen
Kay & Andersen, S.C.
One Point Place, Suite 201
Madison, Wisconsin 53719

See attached exhibits
PARCEL IDENTIFICATION NUMBER

This deed is executed solely to reflect the name change of Dane County
Farmers Union Cooperative to Cottage Grove Cooperative. This deed does
not constitute a "conveyance" under Sec. 77.21(1), Wisconsin Statutes,
and is exempt from the Wisconsin Real Estate Transfer Return requirement.

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

Dated this 15 day of July, 19 97.

(SEAL)

* _____

(SEAL)

* _____

AUTHENTICATION

Signature(s) _____

authenticated this _____ day of _____, 19 _____

TITLE: MEMBER STATE BAR OF WISCONSIN

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

THIS INSTRUMENT WAS DRAFTED BY

Attorney Randall J. Andersen

Madison, Wisconsin

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

(SEAL)

* James Bradley, President

James Bradley _____ (SEAL)

* Steven Querin-Schultz, Secretary

Steve Querin-Schultz

ACKNOWLEDGMENT

State of Wisconsin,

Dane County, } ss.

Personally came before me this 15 day of
July, 19 97, the above named

James Bradley

Steve Querin-Schultz

to me known to be the person 5 who executed the foregoing
instrument and acknowledge the same.

* Mark E. Torrey
Notary Public, Dane County, Wis.

My commission is permanent. (If not, state expiration date:
12-13, 19 98.)

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

9/26

Exhibit B

0000105

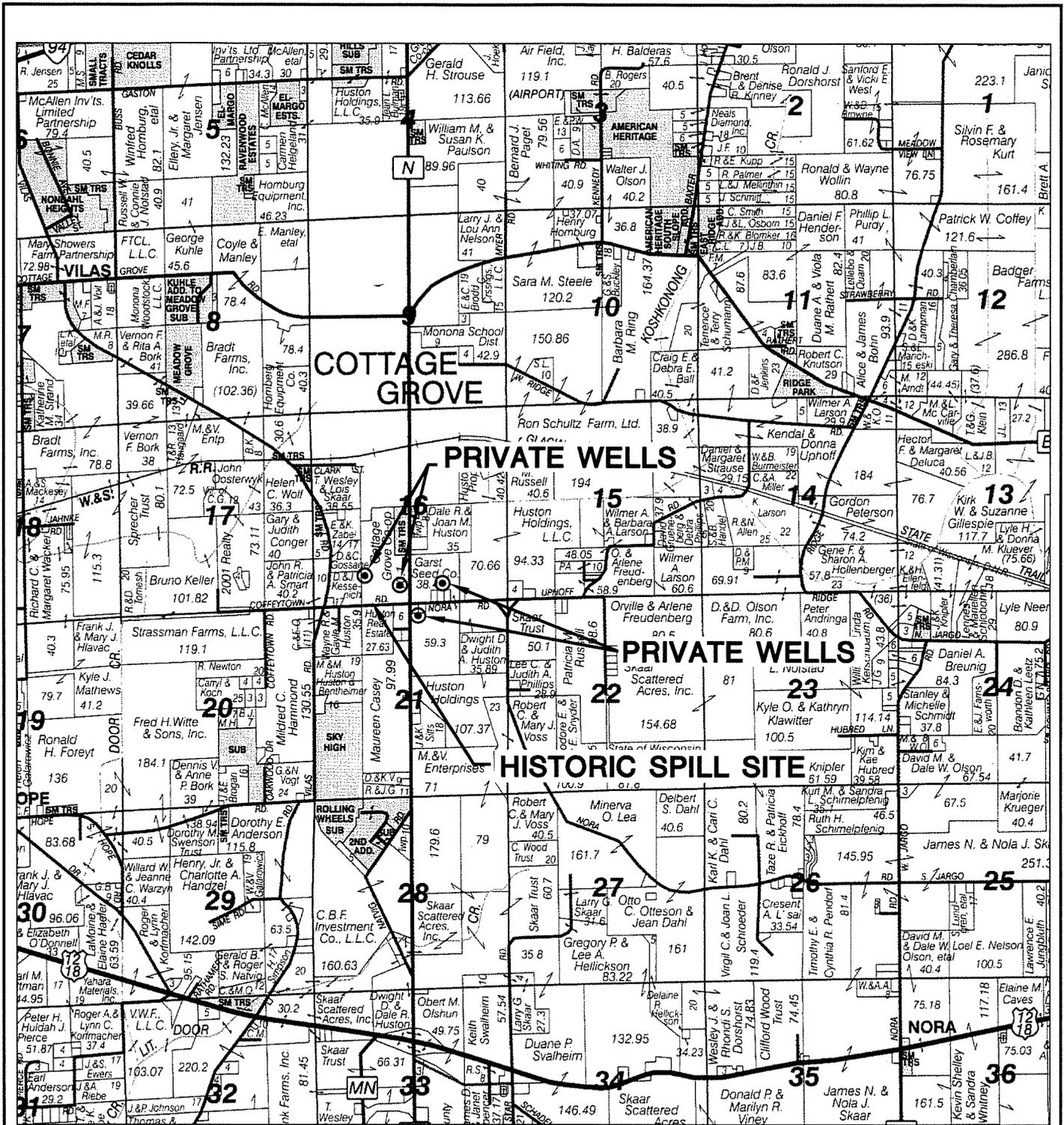
Part of the Southeast Quarter of the Southwest Quarter of Section 16, Township 7 North, Range 11 East of the Fourth Principal Meridian, Town of Cottage Grove, Dane County, Wisconsin, more particularly described as follows:

Beginning at the southeast corner of said Southwest Quarter; thence north along the east line of said Quarter Section 450.51 feet; thence south 88 degrees 19 minutes west 462.51 feet to an iron stake; thence south parallel with the east line of said Quarter Section 450.51 feet; thence north 88 degrees 19 minutes east 462.51 feet to the place of beginning, containing 4.78 acres more or less.

Tax Parcel Number: 09-0711-163-9830-5

2560 Nora Road



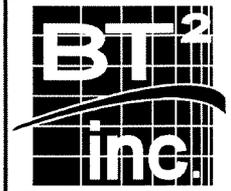


BASE MAP TAKEN FROM 2001 LAND ATLAS AND PLAT BOOK,
 DANE COUNTY, WISCONSIN, COMPILED AND PUBLISHED BY
 ROCKFORD MAP PUBLISHERS, INC., PAGE 29,
 COTTAGE GROVE, T.7N-R11E.

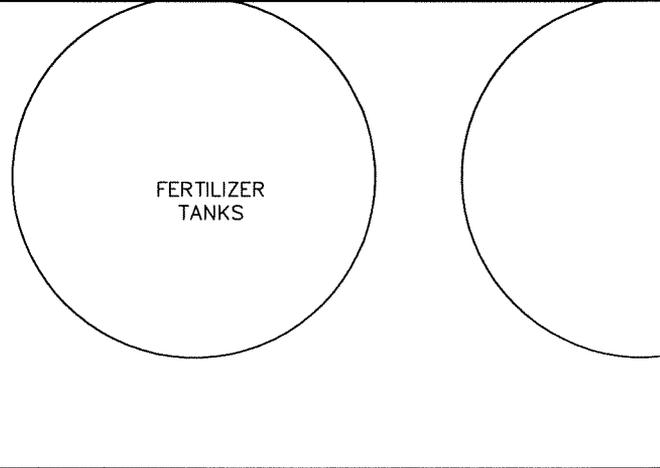
NOT TO SCALE

PROJECT NO. 2717
DRAWN BY: KP/FS
CHECKED BY: LM
APPROVED BY:
DRAWN: 10/16/03
REVISED: 03/17/05

FIGURE 1-4
 SITE LOCATION MAP
 LANDMARK SERVICES COOPERATIVE
 HISTORIC COFFEYTOWN ROAD SPILL
 COTTAGE GROVE, WISCONSIN



N



LEGEND

-  CULVERT
-  CATCH BASIN
-  OVERHEAD UTILITY
-  BURIED TELEPHONE (2)
-  ABANDONED TELEPHONE
-  BURIED DRAIN LINE
-  GEOPROBE SOIL BORING
-  RIGHT-OF-WAY

(ASPHALT)

FORMER REMEDIAL EXCAVATION
11/11/04 RELEASE
BRRT#04-13-52585

(GRASS)

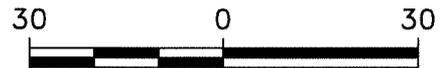
(GRASS BERM)

COFFEYTOWN ROAD

HISTORIC SPILL
ENCOUNTERED 11/12/04
BRRTS #02-13-523616

NOTES:

1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD PRIOR TO ANY GROUND DISTURBANCE.



SCALE: 1" = 30'

PROJECT NO. 2717

DRAWN BY: KP

CHECKED BY: LM

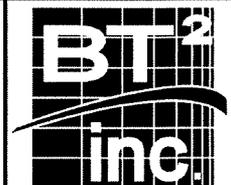
APPROVED BY:

DRAWN: 07/08/04

REVISED: 02/24/05

ATTACHEMENT 1-5
SITE PLAN

LANDMARK SERVICES COOPERATIVE
HISTORIC COFFEETOWN ROAD SPILL
COTTAGE GROVE, WISCONSIN



Attachment I-6a
Soil Analytical Results Summary - VOCs and PAHs
Landmark Services Cooperative, Cottage Grove, Wisconsin / BT² Project #2717
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	PID	DRO (mg/kg)	GRO (mg/kg)	Petroleum Volatile Organic Compounds							Polynuclear Aromatic Hydrocarbons				
						Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) anthracene	Benzo (b) fluoranthene
2003¹ Spill Response																	
S3	11/12/2003	1	6.0	21.2 D1	NA	<25	<25	<25	<50	<25	<25	<25	NA	NA	NA	NA	NA
S4	11/12/2003	5.5	2.6	90.1 D1	NA	<25	<25	<25	<50	<25	<25	<25	NA	NA	NA	NA	NA
S5	11/12/2003	4	8.6	17 D1	NA	<25	<25	<25	<50	<25	<25	<25	NA	NA	NA	NA	NA
S6	11/12/2003	4	78	3,010 D1	NA	<200	898	<200	524	6,640	3,560	<200	NA	NA	NA	NA	NA
S7	11/12/2003	5.5	176	545 D1	NA	<400	<400	<400	<800	<400	<400	<400	NA	NA	NA	NA	NA
S8	11/12/2003	0.5	5.2	440 D1	NA	<25	<25	<25	<50	<25	<25	<25	NA	NA	NA	NA	NA
S9	11/12/2003	5	3.9	<6.21	NA	<25	<25	<25	<50	<25	<25	<25	NA	NA	NA	NA	NA
S10 ²	11/12/2003	5.5	34	204 D2A	NA	<25	<25	<25	42.1	200	64.9	<25	NA	NA	NA	NA	NA
2004 Site Investigation																	
GB1	12/2/2004	4-6	0.4	<6.08	<6.08	<25	<25	<25	<25	<25	<25	<25	<122 O11	<243	<122	<60.8	<60.8
GB2	12/2/2004	2-4	2.2	<6.22	<6.22	<25	<25	<25	<25	<25	<25	<25	<124 O11	<249	<124	<62.2	<62.2
GB3	12/2/2004	2-4	3.7	<5.19	<5.19	<25	<25	<25	<25	<25	<25	<25	368 O11	<208	<104	<51.9	56.2
GB4	12/2/2004	4-6	2.3	<6.07	<6.07	<25	<25	<25	<25	<25	<25	<25	<122 O11	<243	<122	<60.8	<60.8
GB5	12/2/2004	4-6	1.0	<6.19	<6.19	<25	<25	<25	<25	<25	<25	<25	<124 O11	<248	<124	<62.0	<62.0
NR 720 Residual Contaminant Level				100	100	5.5	2,900	1,500	4,100	NE	NE	NE	--	--	--	--	--
NR 746 Table 1				NE	NE	8,500	4,600	38,000	42,000	83,000	11,000	NE	--	--	--	--	--
NR 746 Table 2				NE	NE	1,100	NE	NE	NE	NE	NE	NE	--	--	--	--	--
Wisconsin Department of Natural Resources PAH Soil Generic RCLs (Interim Guidance-April 1997)																	
Groundwater Pathway				--	--	--	--	--	--	--	--	--	38,000	700	3,000,000	17,000	360,000
Non-Industrial Direct Contact				--	--	--	--	--	--	--	--	--	900,000	18,000	5,000,000	88	88
Industrial Direct Contact				--	--	--	--	--	--	--	--	--	60,000,000	360,000	300,000,000	3,900	3,900

ABBREVIATIONS:

µg/kg = micrograms per kilogram or parts per billion (ppb)
DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
NA = Not Analyzed

mg/kg = milligrams per kilogram or parts per million (ppm)
GRO = Gasoline Range Organics
PAHs = Polynuclear Aromatic Hydrocarbons
VOCs = Volatile Organic Compounds

PID = Photo-Ionization Detector
TMB = Trimethylbenzene
NE = Not Established
-- = Not Applicable

NOTES:

- 2003 spill response data from: BT2, 2004, Summary Report and Recommendations for Further Action, Landmark Services Cooperative Fuel Oil Spill, Coffeytown Road, Cottage Grove Wisconsin: Madison, WI, February 27, 2004.
 - S10 DRO contamination originated from 2003 release, see spill response report for details.
- NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.
NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.
Bold values exceed the NR 720 Residual Contaminant Level value or the groundwater pathway guidance value.
Bold and/or italic values exceed the NR 746 Table 1 value or the non-industrial direct contact guidance value.

Attachment I-6a
Soil Analytical Results Summary - VOCs and PAHs
Landmark Services Cooperative, Cottage Grove, Wisconsin / BT² Project #2717
(Results are in $\mu\text{g}/\text{kg}$, except where noted otherwise)

Sample	Date	Depth (feet)	PID	Polynuclear Aromatic Hydrocarbons												
				Benzo (k) fluoranthene	Benzo (a) pyrene	Benzo (g,h,i) perylene	Chrysene	Dibenzo (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
2003 Spill Response																
S3	11/12/2003	1	6.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S4	11/12/2003	5.5	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S5	11/12/2003	4	8.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S6	11/12/2003	4	78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S7	11/12/2003	5.5	176	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S8	11/12/2003	0.5	5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S9	11/12/2003	5	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S10	11/12/2003	5.5	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004 Site Investigation																
GB1	12/2/2004	4-6	0.4	<122	<6.08	<122	<122	<6.08	<122	<122	<60.8	<122 O11	<122 O11	<122	<122	<122
GB2	12/2/2004	2-4	2.2	<124	<6.22	<124	<124	<6.22	<124	<124	<62.2	<124 O11	<124 O11	<124	<124	<124
GB3	12/2/2004	2-4		<104	48.4	<104	<104	8.7	141	<104	<51.9	<104 O11	<104 O11	<104	<104	<104
GB4	12/2/2004	4-6	2.3	<122	<6.08	<122	<122	<6.08	<122	<122	<60.8	<122 O11	<122 O11	<122	<122	<122
GB5	12/2/2004	4-6	1.0	<124	<6.20	<124	<124	<6.20	<124	<124	<62.0	<124 O11	<124 O11	<124	<124	<124
NR 720 Residual Contaminant Level				--	--	--	--	--	--	--	--	--	--	--	--	--
NR 746 Table 1				--	--	--	--	--	--	--	--	--	--	2,700	--	--
NR 746 Table 2				--	--	--	--	--	--	--	--	--	--	--	--	--
Wisconsin Department of Natural Resources PAH Soil Generic RCLs (Interim Guidance-April 1997)																
Groundwater Pathway				870,000	48,000	6,800,000	37,000	38,000	500,000	100,000	680,000	23,000	20,000	400	1,800	8,700,000
Non-Industrial Direct Contact				880	8.8	1,800	8,800	8.8	600,000	600,000	88	1,100,000	600,000	20,000	18,000	500,000
Industrial Direct Contact				39,000	390	39,000	390,000	390	40,000,000	40,000,000	3,900	70,000,000	40,000,000	110,000	390,000	30,000,000

ABBREVIATIONS:

$\mu\text{g}/\text{kg}$ = micrograms per kilogram or parts per billion (ppb)

DRO = Diesel Range Organics

MTBE = Methyl-tert-butyl ether

NA = Not Analyzed

VOCs = Volatile Organic Compounds

mg/kg = milligrams per kilogram or parts per million (ppm)

GRO = Gasoline Range Organics

PAHs = Polynuclear Aromatic Hydrocarbons

-- = Not Applicable

PID = Photo-Ionization Detector

TMB = Trimethylbenzene

NE = Not Established

LABORATORY NOTES:

D1 - The chromatogram is characteristic for fuel oil/diesel. (i.e. #1 or #2 Diesel, jet fuel, kerosene, aged or degraded diesel, etc.)

D2A - The chromatogram is characteristic for a light petroleum product. (i.e. gasoline, aged or degraded gasoline, mineral spirits, etc.)

O11 = The check standard that corresponds to this sample met the SW846 method requirements. However, it should be noted that the recovery for this individual compound in the check standard was below 85%.

NOTES:

NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.

NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.

NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.

Bold values exceed the NR 720 Residual Contaminant Level value or the groundwater pathway guidance value.

Bold and/or italic values exceed the NR 746 Table 1 value or the non-industrial direct contact guidance value.

I:\2717\Tables-General\Attachment I-6a.xls\Soil VOCs and PAHs

Created by: JSN 12/30/04

Checked by: LJM 01/03/05

Attachment I-6b
Groundwater Analytical Results Summary
Landmark Services Cooperative, Cottage Grove, Wisconsin / BT² Project #2717
 (Results are in µg/l)

Sample	Date	Lab Notes	DRO	GRO	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE
GB1	12/2/2004	--	NA	421 T2	2.24	<5.00	<5.00	<5.00	<10.00	<0.511
GB2	12/2/2004	--	NA	<50	<0.500	<5.00	<5.00	<5.00	<10.00	<0.511
GB3	12/2/2004	--	2.23 A01, T10, T13, T8	614 T2	5.31	<5.00	<5.00	15.7	30.76	<0.511
GB4	12/2/2004	--	NA	<50	<0.500	<5.00	<5.00	<5.00	<10.00	<0.511
GB5	12/2/2004	--	NA	<50	<0.500	<5.00	<5.00	<5.00	<10.00	<0.511
NR 140 Enforcement Standards (ES)										
			NE	NE	5	700	1,000	10,000	480	60
NR 140 Preventive Action Limits (PAL)										
			NE	NE	0.5	140	200	1,000	96	12

ABBREVIATIONS:

µg/l = micrograms per liter or parts per billion (ppb)
 TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
 VOCs = Volatile Organic Compounds
 ND = Not Detected

DRO = Diesel Range Organics
 MTBE = Methyl-tert-butyl ether
 NA = Not Analyzed
 (Dup) = Duplicate

GRO = Gasoline Range Organics
 PVOCs = Petroleum Volatile Organic Compounds
 NE = No Standard Established
 -- = Not Applicable

NOTES:

Bold values meet or exceed NR 140 enforcement standards.
Italic values meet or exceed NR 140 preventive action limits.
 NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
 NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

LABORATORY NOTES:

A01 = No BSD in QC
 T2 = Late Peaks.
 T8 = Diesel Pattern.
 T10 = Diesel Range.
 T13 = Several Large Peaks.

Created by: JSN 12/30/04
 Checked by: LJM 01/03/05

I:\2717\Tables-General\Attachment I-6b.xls\GW VOCs

Attachment I-6c
Groundwater Analytical Results Summary - PAHs
Landmark Services Cooperative, Cottage Grove, Wisconsin / BT² Project #2717
(Results are in µg/l)

Sample	Date	Lab Notes	Acenaph-thene	Acenaph-thylene	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-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
GB3	12/2/2004	--	<5.00 O11	7.25	<5.00	<0.100	<0.0200	<0.100	<0.0200	<5.00	<0.0200	<0.100	<5.00	<5.00	<0.200	71.4 O11	20 O11	49.6	<5.00	<5.00
NR 140 Enforcement Standards			NE	NE	3,000	NE	0.2	NE	0.2	NE	0.2	NE	400	400	NE	NE	NE	40	NE	250
NR 140 Preventive Action Limits			NE	NE	600	NE	0.02	NE	0.02	NE	0.02	NE	80	80	NE	NE	NE	8	NE	50

ABBREVIATIONS:

µg/l = micrograms per liter or parts per billion (ppb) PAHs = Polynuclear Aromatic Hydrocarbons NE = No Standard Established (Dup) = Duplicate
-- = Not Applicable

NOTES:

Bold values meet or exceed NR 140 enforcement standards.
Italic values meet or exceed NR 140 preventive action limits.
NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

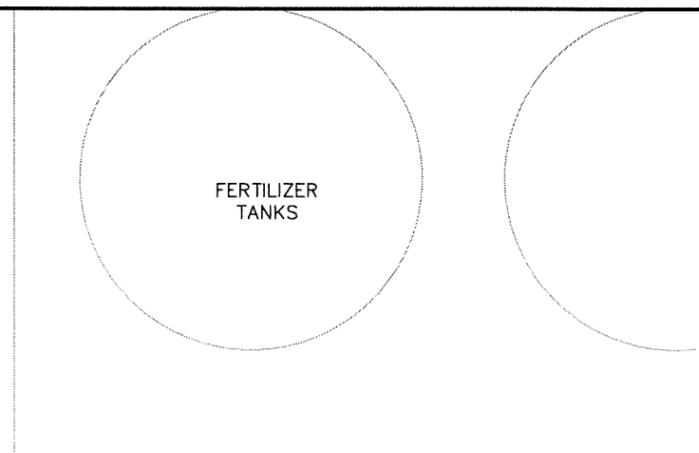
LABORATORY NOTES:

O11 = The check standard that corresponds to this sample met the SW846 method requirements. However, it should be noted that the recovery for this individual compound in the check standard was below 85%.

Created by: JSN 12/30/04

Checked by: LJM 01/03/05

I:\2717\Tables-General\[Attachment I-6c.xls]GW PAHs



(ASPHALT)

(GRASS)

(GRASS BERM)

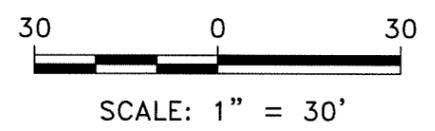
COFFEYTOWN ROAD

LEGEND

- CULVERT
 - CATCH BASIN
 - OVERHEAD UTILITY
 - BURIED TELEPHONE (2)
 - ABANDONED TELEPHONE
 - BURIED DRAIN LINE
 - GEOPROBE SOIL BORING
 - LIMITS OF FORMER EXCAVATION FROM 11/04 REMEDIAL EXCAVATION
-
- DRO DIESEL RANGE ORGANICS (mg/kg)
 - GRO GASOLINE RANGE ORGANICS (mg/kg)
 - B BENZENE (µg/kg)
 - E ETHYLBENZENE (µg/kg)
 - T TOLUENE (µg/kg)
 - X XYLENES (µg/kg)
 - TMB TRIMETHYLBENZENES (µg/kg)
 - MTBE METHYL-TERT-BUTYL ETHER (µg/kg)
 - BAP BENZO (A) PYRENE (µg/kg)
 - N NAPHTHALENE (µg/kg)

NOTES:

1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD PRIOR TO ANY GROUND DISTURBANCE.
2. BOLD VALUES EXCEED THE NR 720 RESIDUAL CONTAMINANT LEVEL.
3. EXTENT OF GROUNDWATER CONTAMINATION BASED ON NR 140 ENFORCEMENT STANDARDS.



DATE	DRO	B	E	T	X	TMB	MTBE	BAP	N
12/02/04	NA	2.24	<5.00	<5.00	<5.00	<10.00	<0.511	NA	NA

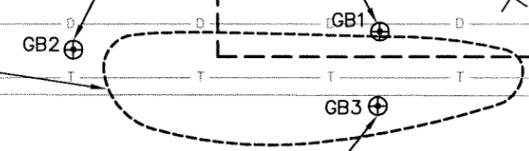
DATE	DRO	B	E	T	X	TMB	MTBE	BAP	N
12/02/04	NA	<0.500	<5.00	<5.00	<5.00	<10.00	<5.11	NA	NA

DATE	DRO	B	E	T	X	TMB	MTBE	BAP	N
12/02/04	2.23	5.31	<5.00	<5.00	15.7	30.76	<0.511	<0.020	49.6

DATE	DRO	B	E	T	X	TMB	MTBE	BAP	N
12/02/04	NA	<0.500	<5.00	<5.00	<5.00	<10.00	<0.511	NA	NA

DATE	DRO	B	E	T	X	TMB	MTBE	BAP	N
12/02/04	NA	<0.500	<5.00	<5.00	<5.00	<10.00	<0.511	NA	NA

ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION

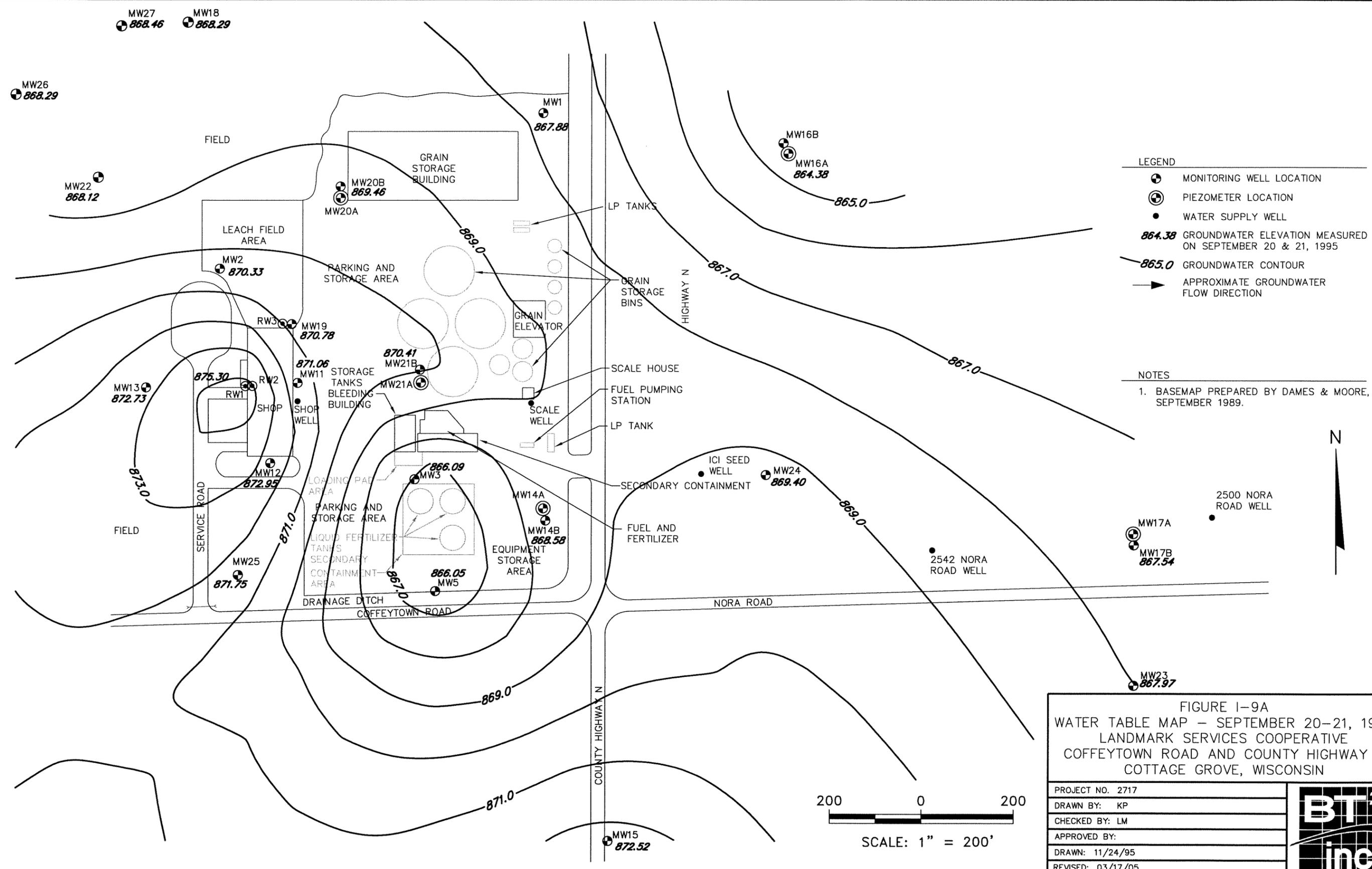


I:\2717\figures-general\HIST-RSLT-W.dwg, 3/17/2005 10:45:01 AM

ATTACHMENT I-7
HORIZONTAL EXTENT OF GROUNDWATER CONTAMINATION
LANDMARK SERVICES COOPERATIVE
HISTORIC SPILL
COTTAGE GROVE, WISCONSIN

PROJECT NO. 2717	
DRAWN BY: KP	
CHECKED BY: LM	
APPROVED BY:	
DRAWN: 01/02/04	
REVISED: 03/17/05	

I:\2717\figures-general\WATER\TBL.DWG, 3/17/2005 10:41:03 AM



- LEGEND**
- ⊕ MONITORING WELL LOCATION
 - ⊗ PIEZOMETER LOCATION
 - WATER SUPPLY WELL
 - 864.38 GROUNDWATER ELEVATION MEASURED ON SEPTEMBER 20 & 21, 1995
 - 865.0 GROUNDWATER CONTOUR
 - ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTES

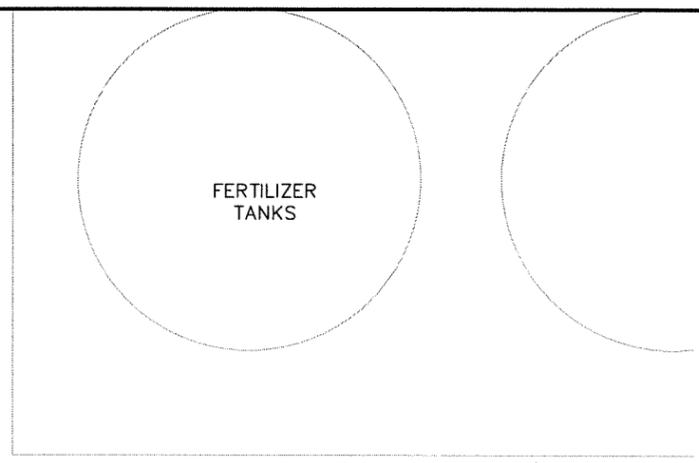
1. BASEMAP PREPARED BY DAMES & MOORE, SEPTEMBER 1989.

FIGURE I-9A
WATER TABLE MAP - SEPTEMBER 20-21, 1995
LANDMARK SERVICES COOPERATIVE
COFFEYTOWN ROAD AND COUNTY HIGHWAY N
COTTAGE GROVE, WISCONSIN

PROJECT NO. 2717
DRAWN BY: KP
CHECKED BY: LM
APPROVED BY:
DRAWN: 11/24/95
REVISED: 03/17/05



200 0 200
SCALE: 1" = 200'

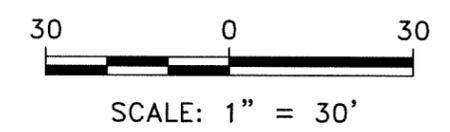


LEGEND

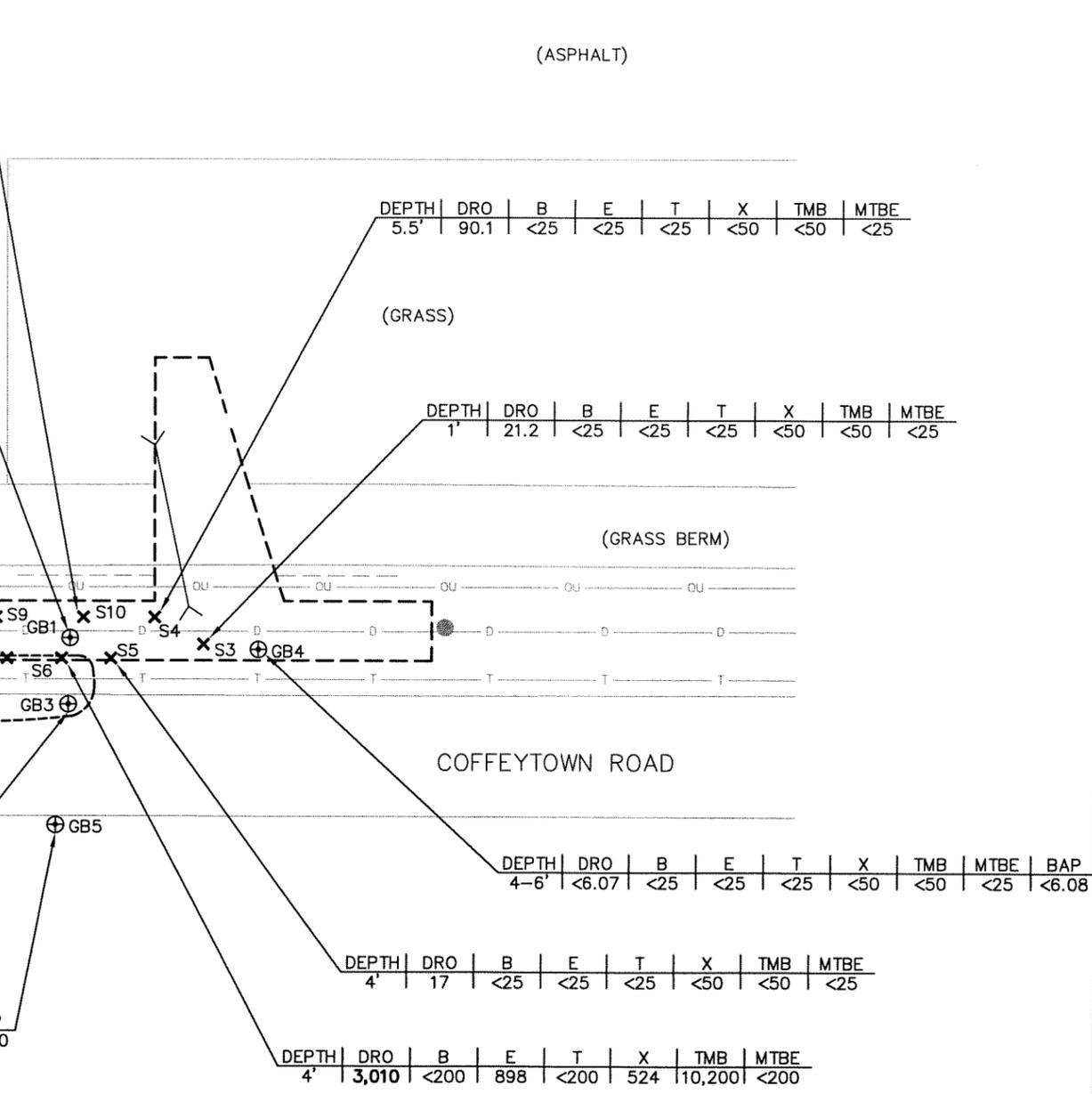
- CULVERT
- CATCH BASIN
- OVERHEAD UTILITY
- BURIED TELEPHONE (2)
- ABANDONED TELEPHONE
- BURIED DRAIN LINE
- GEOPROBE SOIL BORING
- SOIL SAMPLE LOCATION
- LIMITS OF FORMER EXCAVATION FROM 11/04 REMEDIAL EXCAVATION

DRO DIESEL RANGE ORGANICS (mg/kg)
 GRO GASOLINE RANGE ORGANICS (mg/kg)
 B BENZENE (µg/kg)
 E ETHYLBENZENE (µg/kg)
 T TOLUENE (µg/kg)
 X XYLENES (µg/kg)
 TMB TRIMETHYLBENZENES (µg/kg)
 MTBE METHYL-TERT-BUTYL ETHER (µg/kg)
 BAP BENZO (A) PYRENE (µg/kg)

- NOTES:**
- UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD PRIOR TO ANY GROUND DISTURBANCE.
 - BOLD VALUES EXCEED THE NR 720 RESIDUAL CONTAMINANT LEVEL.
 - DRO CONTAMINATION AT S10 ORIGINATED FROM THE 11/11/04 RELEASE.



DEPTH	DRO	B	E	T	X	TMB	MTBE	
5.5'	204	<25	<25	<25	42.1	264.9	<25	
DEPTH	DRO	B	E	T	X	TMB	MTBE	BAP
4-6'	<6.08	<25	<25	<25	<50	<50	<25	<6.08
DEPTH	DRO	B	E	T	X	TMB	MTBE	
5'	<6.21	<25	<25	<25	<50	<50	<25	
DEPTH	DRO	B	E	T	X	TMB	MTBE	
5.5'	545	<400	<400	<400	<800	<800	<400	
DEPTH	DRO	B	E	T	X	TMB	MTBE	BAP
2-4'	<6.22	<25	<25	<25	<50	<50	<25	<6.22
DEPTH	DRO	B	E	T	X	TMB	MTBE	
0.5'	440	<25	<25	<25	<50	<50	<25	
DEPTH	DRO	B	E	T	X	TMB	MTBE	BAP
2-4'	<5.19	<25	<25	<25	<50	<50	<25	48.4
DEPTH	DRO	B	E	T	X	TMB	MTBE	BAP
4-6'	<6.19	<25	<25	<25	<50	<50	<25	<6.20



ATTACHMENT I-10
 SOIL SAMPLE LOCATION AND ANALYTICAL RESULTS MAP
 LANDMARK SERVICES COOPERATIVE
 HISTORIC SPILL
 COTTAGE GROVE, WISCONSIN

PROJECT NO. 2717	
DRAWN BY: KP	
CHECKED BY: LM	
APPROVED BY:	
DRAWN: 01/02/04	
REVISED: 03/17/05	

I:\2717\figures-general\HIST-RSLT-S.dwg, 3/17/2005 10:42:44 AM

February 11, 2005

To: Wisconsin Department of Natural Resources

Subject: Statement that all Legal Descriptions for Properties within the
Contaminated Site Boundaries have been Included
Landmark Services Cooperative-Cottage Grove Bulk Plant property.
Historic Coffeytown Road Spill
2580 Coffeytown Road, Cottage Grove, WI 53527
BRRTS #02-13-523616
BT² Project #2717

To Whom it May Concern:

To the best of my knowledge, I believe that with the submittal of the attached property information the legal description for each property within, or partially within the contaminated site boundary has been included with the closure request.

The attached property information includes:

- Deed for the Cottage Grove Bulk Plant property located at 2580 Coffeytown Road, Cottage Grove, Wisconsin. The property owner listed on the deed, Cottage Grove Cooperative, is the former name of Landmark Services Cooperative.

If you need additional information, please contact me at (608) 251-9010.

Sincerely,



Mr. Michael Bandt, Refined Fuels Division Manager
Landmark Services Cooperative



March 17, 2005

Town of Cottage Grove Clerk
4058 County Road N
Cottage Grove, WI 53527-9503

**SUBJECT: Notice of Soil and Groundwater Contamination in Coffeytown Road
Right-of-Way
Landmark Services Cooperative
203 West Cottage Grove Road, Cottage Grove, Wisconsin
BRRTS #02-13-523616**

To Whom in May Concern:

On behalf of Landmark Services Cooperative, BT², Inc. is providing you with this notification of residual soil and groundwater petroleum impacts in public rights-of-way, as required for site closure per chapter NR 726.05(2)(b)(4), Wisconsin Administrative Code (WAC). BT², on behalf of Landmark Services Cooperative, is requesting that the Wisconsin Department of Natural Resources (WDNR) close the historic Coffey Town Road Spill case and list it on the WDNR Geographic Information System (GIS) Registry of Closed Remediation Sites per chapter NR 726(2)(b), WAC.

Soil petroleum contamination originating from the Landmark Services Cooperative property is present in the Coffeytown Road right-of-way (**Figure 1**). Soil contamination is present below depths of approximately 0.5 feet below ground surface (bgs) and is limited in extent. Concentrations of petroleum constituents in soil samples collected within the right-of-way are greater than the generic residual contaminant levels set in chapter NR 720, WAC. Soil sample locations and results are shown on **Figure 2**.

Groundwater petroleum contamination originating from the historic spill is also present with the Coffeytown Road right-of-way. The depth to water (water table) in is approximately 7 feet bgs. Concentrations of petroleum constituents in groundwater samples from geoprobe borings are greater than the state groundwater enforcement standards (ESS) found in chapter NR 140, WAC. However, based on 2004 site investigation activities, groundwater contamination appears minimal and the contaminant plume appears to occur over a relatively small area. Current groundwater contaminant conditions are summarized on **Figure 3**.

If you need more information, please contact me at (608) 224-2830.

Sincerely,



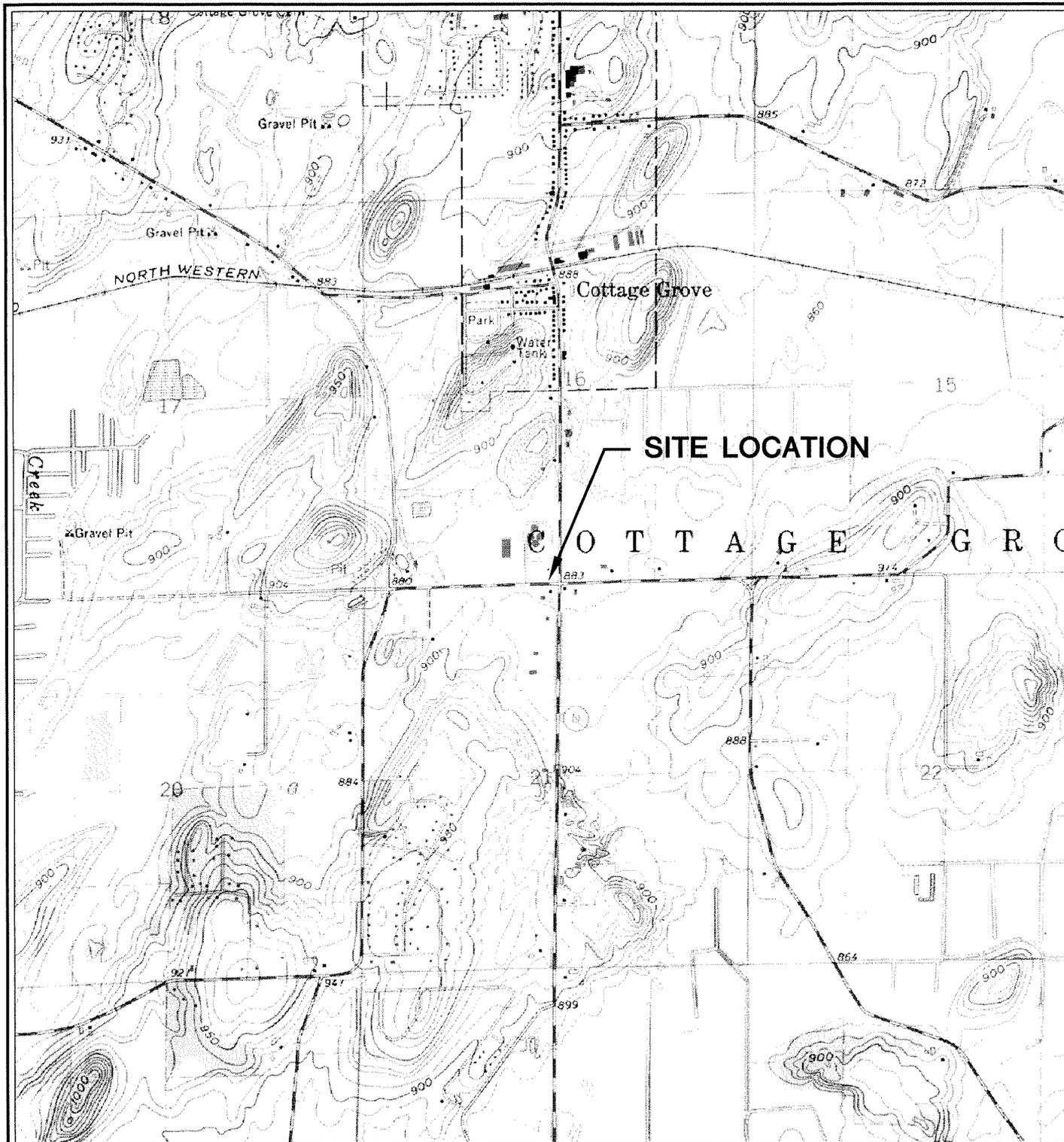
Les Miskolzie
Environmental Scientist

Attachments: Figures 1, 2, and 3

cc: Mr. Mike Elder, Landmark Services Cooperative

I:\2717\Correspondence - Other\row_notification_050207_ltr.doc

**BT², Inc., 2830 Dairy Drive, Madison, WI 53718-6751, Ph. (608) 224-2830, FAX (608) 224-2839
www.bt2inc.com**

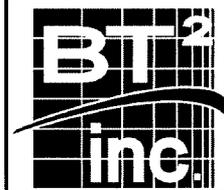


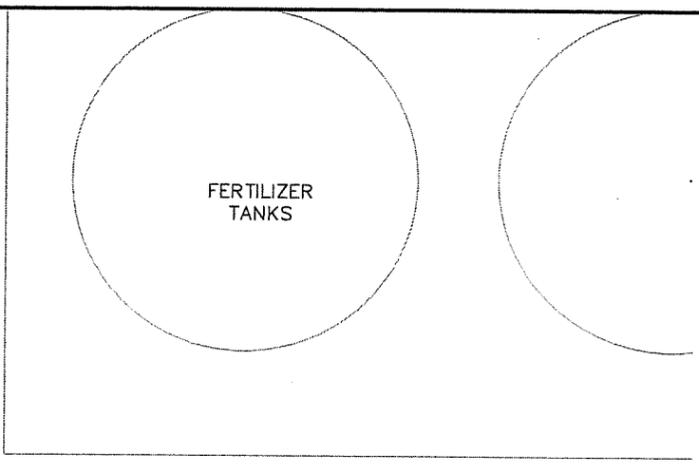
COTTAGE GROVE QUADRANGLE
 WISCONSIN-DANE CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 SW/4 SUN PRAIRIE 15' QUADRANGLE
 1982
 SCALE: 1" = 2,000'



PROJECT NO. 2717
DRAWN BY: KP
CHECKED BY: LM
APPROVED BY:
DRAWN: 12/03/03
REVISED: 11/15/04

FIGURE 1
 SITE LOCATION MAP
 LANDMARK SERVICES COOPERATIVE
 HISTORIC SPILL
 COTTAGE GROVE, WISCONSIN



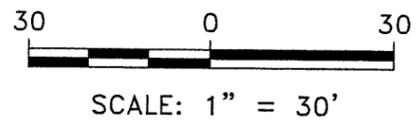


LEGEND

- CULVERT
- CATCH BASIN
- OVERHEAD UTILITY
- BURIED TELEPHONE (2)
- ABANDONED TELEPHONE
- BURIED DRAIN LINE
- GEOPROBE SOIL BORING
- LIMITS OF FORMER EXCAVATION FROM 11/04 REMEDIAL EXCAVATION

DRO DIESEL RANGE ORGANICS (mg/kg)
 GRO GASOLINE RANGE ORGANICS (mg/kg)
 B BENZENE (µg/kg)
 E ETHYLBENZENE (µg/kg)
 T TOLUENE (µg/kg)
 X XYLENES (µg/kg)
 TMB TRIMETHYLBENZENES (µg/kg)
 MTBE METHYL-TERT-BUTYL ETHER (µg/kg)
 BAP BENZO (A) PYRENE (µg/kg)
 N NAPHTHALENE (µg/kg)

- NOTES:**
1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD PRIOR TO ANY GROUND DISTURBANCE.
 2. BOLD VALUES EXCEED THE NR 720 RESIDUAL CONTAMINANT LEVEL.
 3. EXTENT OF GROUNDWATER CONTAMINATION BASED ON NR 140 ENFORCEMENT STANDARDS.



DATE	DRO	B	E	T	X	TMB	MTBE	BAP	N
12/02/04	NA	2.24	<5.00	<5.00	<5.00	<10.00	<0.511	NA	NA

DATE	DRO	B	E	T	X	TMB	MTBE	BAP	N
12/02/04	NA	<0.500	<5.00	<5.00	<5.00	<10.00	<5.11	NA	NA

DATE	DRO	B	E	T	X	TMB	MTBE	BAP	N
12/02/04	2.23	5.31	<5.00	<5.00	15.7	30.76	<0.511	<0.020	49.6

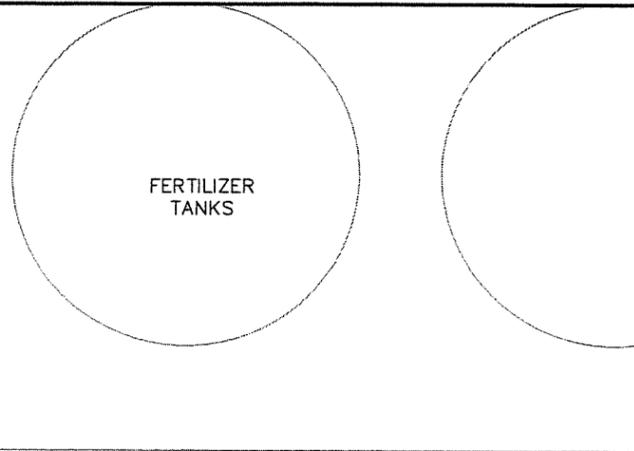
DATE	DRO	B	E	T	X	TMB	MTBE	BAP	N
12/02/04	NA	<0.500	<5.00	<5.00	<5.00	<10.00	<0.511	NA	NA

DATE	DRO	B	E	T	X	TMB	MTBE	BAP	N
12/02/04	NA	<0.500	<5.00	<5.00	<5.00	<10.00	<0.511	NA	NA

FIGURE 3
 HORIZONTAL EXTENT OF GROUNDWATER CONTAMINATION
 LANDMARK SERVICES COOPERATIVE
 HISTORIC SPILL
 COTTAGE GROVE, WISCONSIN

PROJECT NO. 2717
DRAWN BY: KP
CHECKED BY: LM
APPROVED BY:
DRAWN: 01/02/04
REVISED: 03/17/05

I:\2717\figures-general\HIST-RSL1.W.dwg, 3/17/2005 8:59:29 AM



LEGEND

- CULVERT
- CATCH BASIN
- OVERHEAD UTILITY
- BURIED TELEPHONE (2)
- ABANDONED TELEPHONE
- BURIED DRAIN LINE
- GEOPROBE SOIL BORING
- SOIL SAMPLE LOCATION
- LIMITS OF FORMER EXCAVATION FROM 11/04 REMEDIAL EXCAVATION

DRO DIESEL RANGE ORGANICS (mg/kg)
 GRO GASOLINE RANGE ORGANICS (mg/kg)
 B BENZENE (µg/kg)
 E ETHYLBENZENE (µg/kg)
 T TOLUENE (µg/kg)
 X XYLENES (µg/kg)
 TMB TRIMETHYLBENZENES (µg/kg)
 MTBE METHYL-TERT-BUTYL ETHER (µg/kg)
 BAP BENZO (A) PYRENE (µg/kg)

- NOTES:**
1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD PRIOR TO ANY GROUND DISTURBANCE.
 2. BOLD VALUES EXCEED THE NR 720 RESIDUAL CONTAMINANT LEVEL.
 3. DRO CONTAMINATION AT S10 ORIGINATED FROM THE 11/11/04 RELEASE.

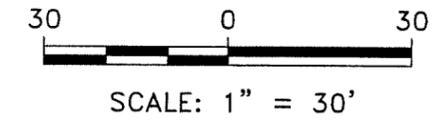
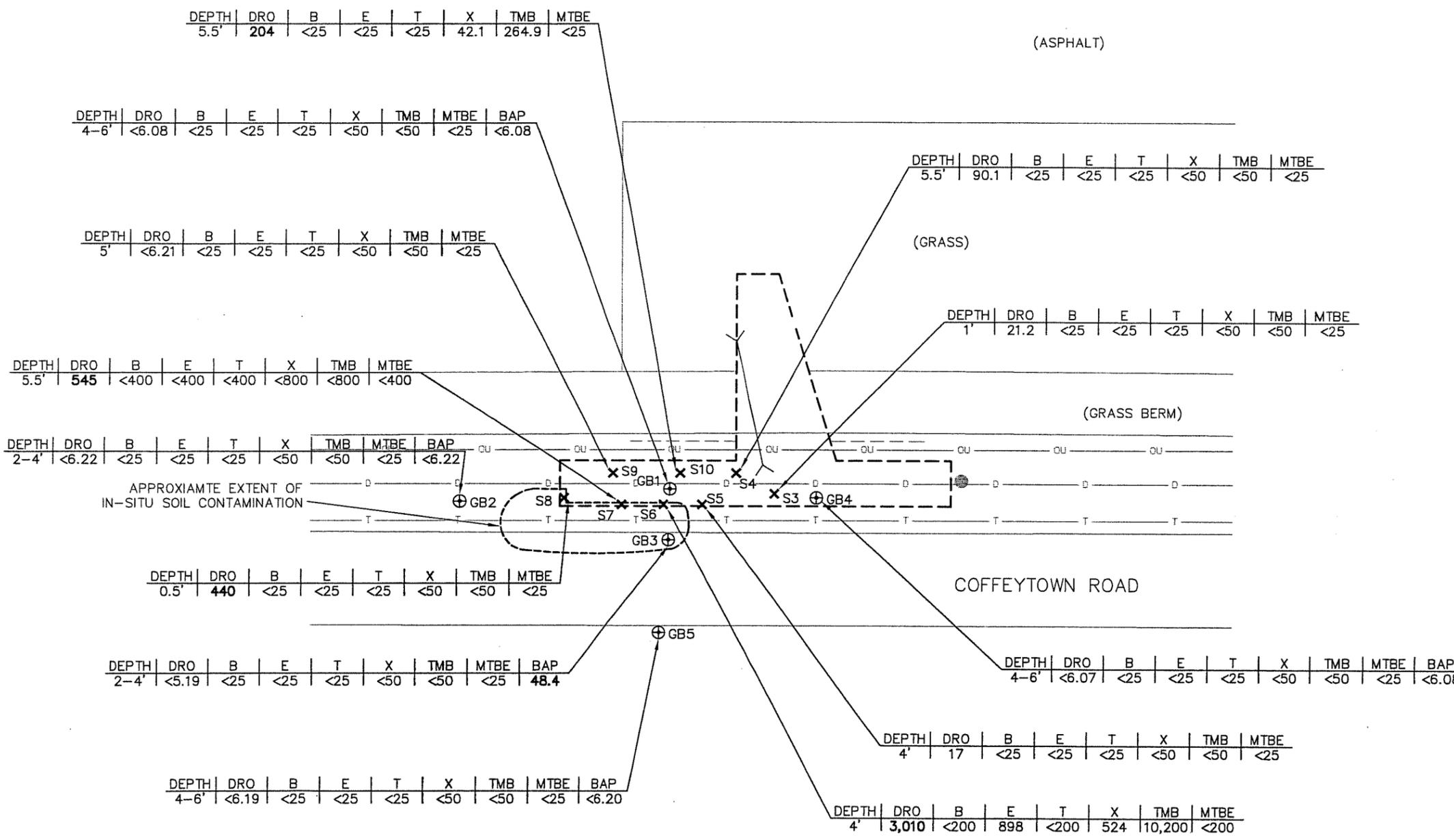


FIGURE 2
 SOIL SAMPLE LOCATION AND ANALYTICAL RESULTS MAP
 LANDMARK SERVICES COOPERATIVE
 HISTORIC SPILL
 COTTAGE GROVE, WISCONSIN

PROJECT NO. 2717
DRAWN BY: KP
CHECKED BY: LM
APPROVED BY:
DRAWN: 01/02/04
REVISED: 03/17/05



I:\2717\figures-general\NIST-RSL-T-S.dwg, 3/17/2005 8:59:09 AM