GIS REGISTRY INFORMATION

SITE NAME: COTTAGE GROVE COOP

BRRTS #: 02-13-211066 **FID # (if appropriate):**

COMMERCE # (if appropriate):

CLOSURE DATE: ~~[illegible]~~ JULY 3, 2006

STREET ADDRESS: 2580 COFFEYTOWN Rd

CITY: COTTAGE GROVE

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X = 585092 Y = 288447

X= 585158 584898 584890 585160 Y= 288344 288332 288670 288674

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 or denial 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* ☐

Copy of any maintenance plan referenced in the deed restriction. ☐

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Lloyd L. Eagan, 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

July 3, 2006

File Ref: 02-13-211066
Dane County

Mike Bandt
Cottage Grove Coop
2580 Coffeytown Road
Cottage Grove, WI 53527

Subject: Final Site Closure – Cottage Grove Coop

Dear Mr. Bandt:

On June 20, 2006 your site as described above was reviewed for closure by the South Central Region Closure Committee. The Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

On June 7, 2006, the Department received correspondence indicating that you have complied with the conditions of closure. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

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://dnr.wi.gov/org/aw/rr/gis/index.htm If your property is listed on the GIS Registry and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at the web address listed above.

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

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

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

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 608-275-3303.

Sincerely,

Michael Schmoller
Hydrogeologist

cc: Tom Culp, BT2, 2830 Dairy Drive, Madison, WI 53718

ATTACHMENT B

Required Site Information and GIS Registry Information
(Listed by Item)

1. Figure B-1: Copy of the Most Recent Deed

2. No Survey Map Required

3. Parcel Identification Numbers and Location Information:

   Addresses:
   Cottage Grove Bulk Plant
   2580 Coffeytown Road
   Cottage Grove, WI 53527

   Parcel Identification Numbers:
   018/0711-163-9830-5

   WTM83/91 Coordinates from RR GIS Website:
   585158, 288344; 584898, 288332; 584890, 288670; 585160, 288674

4. Figure B-4: Site Location Map

5. Figure B-5: Site Plan

6. Table B-6-1: Soil Analytical Results Summary-UST Removal
   Table B-6-2: Soil Analytical Results Summary-Soil Borings
   Table B-6-3: Soil Analytical Results Summary-Excavation
   Table B-6-4: Groundwater Analytical Summary
   Table B-6-5: Groundwater Monitoring Results for Natural Attenuation

7. Figure B-7: Groundwater Analytical Results Summary

8. Table B-8: Water Level Summary

9. Figure B-9-1: Groundwater Flow Map from 2002
   Figure B-9-2: Groundwater Flow Map from 2002

10. Figure B-10-1: Soil Analytical Results
    Figure B-10-2: Soil Excavation Results

12. RP Statement

CD-ROM with Attachment B Tables and Figures (WDNR copy only)

STATE BAR OF WISCONSIN FORM 3 – 1982
QUIT CLAIM DEED

DOCUMENT NO

DANE COUNTY
REGISTER OF DEEDS

Doc No 2872347

0000103

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

Dane County Farmers Union Cooperative, a Wisconsin agricultural cooperative

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 (is) (is not) homestead property.

Dated this 15 day of July, 19 97.

(SEAL)

(SEAL)

(SEAL)

• James Bradley, President

James Bradley (SEAL)

• Steven Querin-Schultz, Secretary

Steven Querin Schultz

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.)

ACKNOWLEDGMENT

State of Wisconsin, } ss.
Dane County.

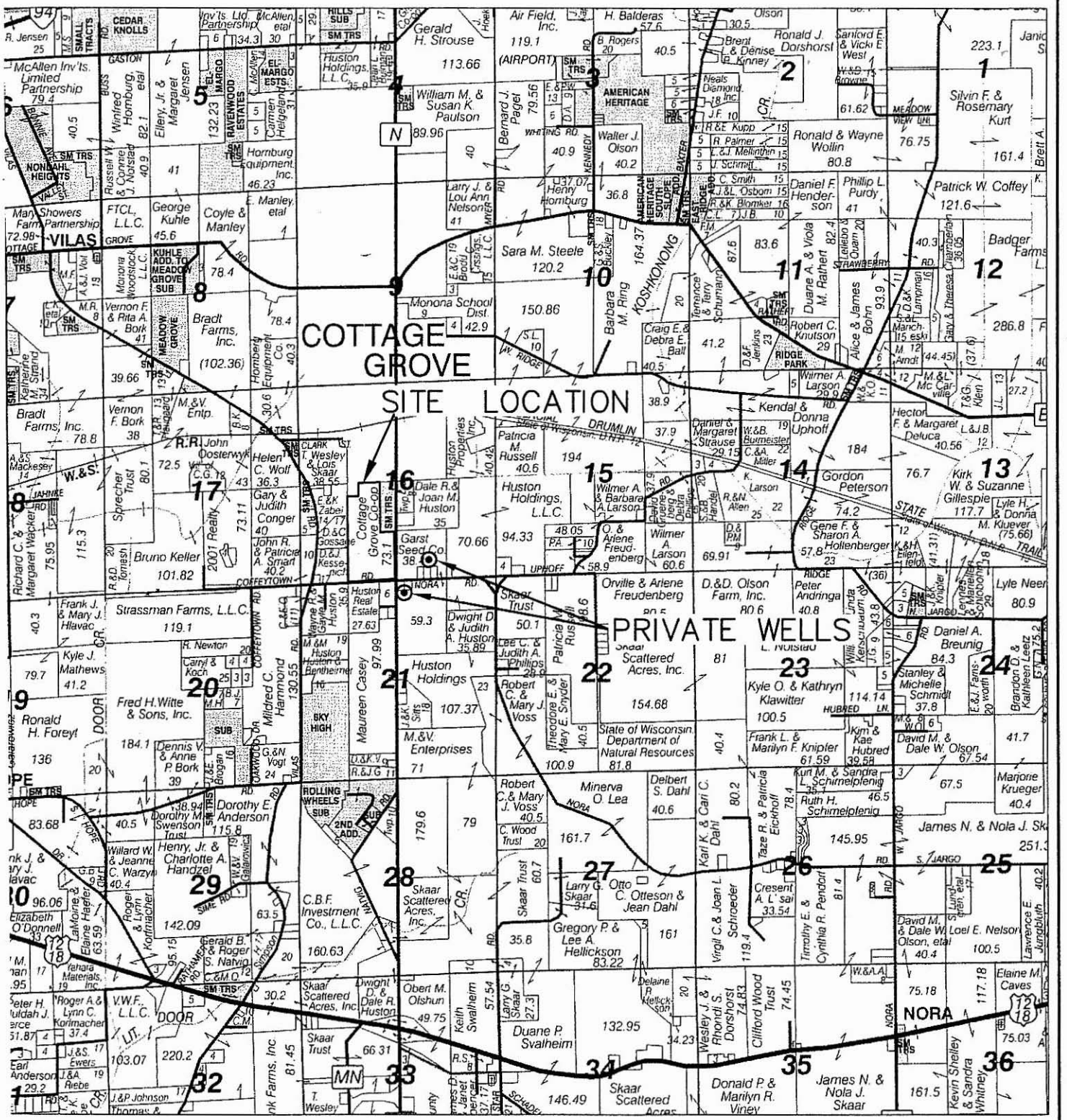
Personally came before me this 15 day of July, 19 97, the above named James Bradley, Steve Querin-Schultz

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

• Mark E. Tarney
Notary Public, Dane County, Wis.
My commission is permanent. (If not, state expiration date: 12-13, 1998.)

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

9/26



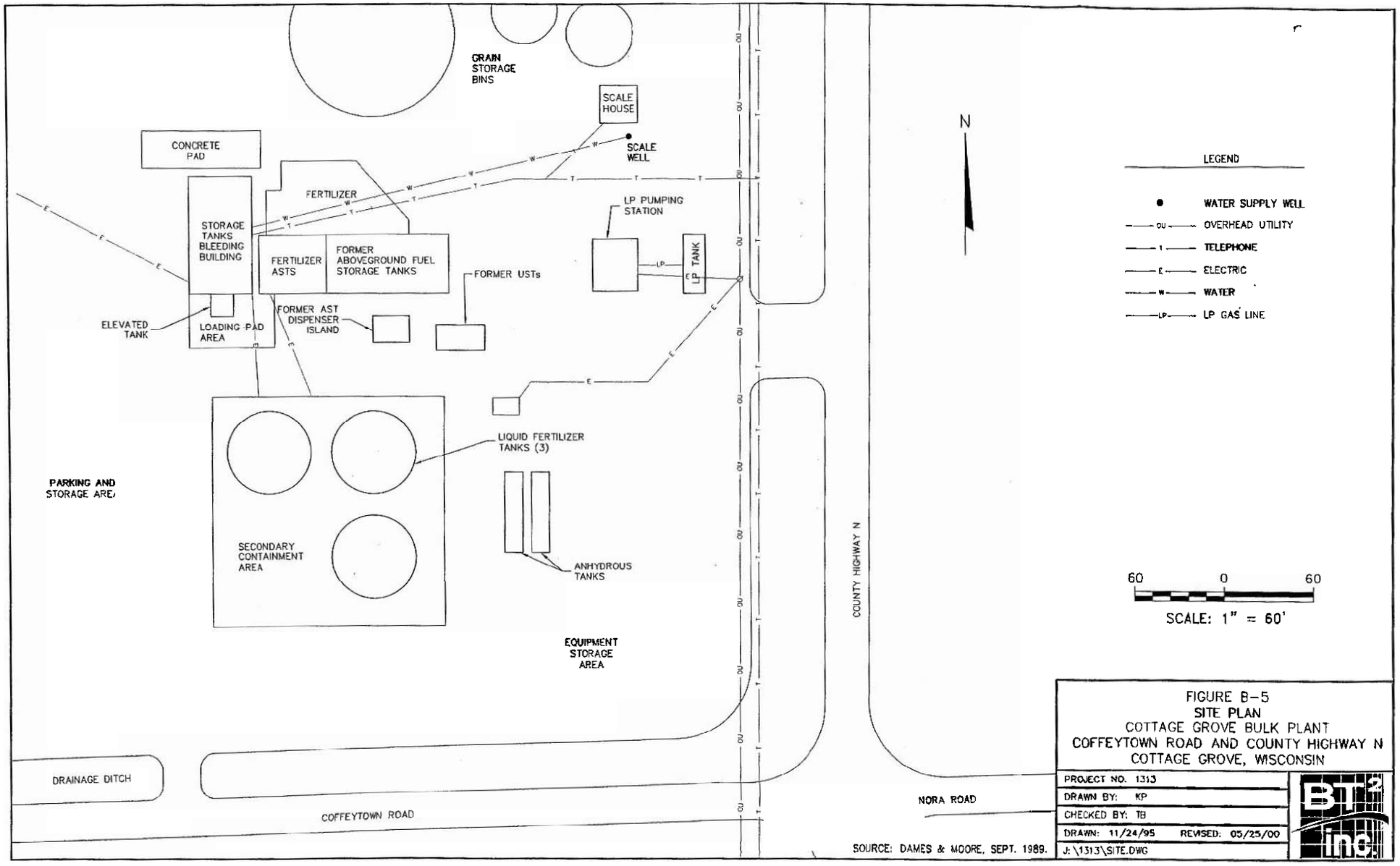
N

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.

OT TO SCALE

ROJECT NO. 1313	FIGURE B–4 SITE LOCATION MAP COTTAGE GROVE BULK PLANT COFFEYTOWN ROAD & COUNTY HIGHWAY N COTTAGE GROVE, WISCONSIN
RAWN BY: KP/FS	
HECKED BY: LB	
RAWN: 11/24/99	
ODIFIED: 10/16/03	

BT² inc.


GRAIN STORAGE BINS
SCALE HOUSE
SCALE WELL
CONCRETE PAD
FERTILIZER
STORAGE TANKS BLEEDING BUILDING
FERTILIZER ASTS
FORMER ABOVEGROUND FUEL STORAGE TANKS
LP PUMPING STATION
LP TANK
FORMER USTs
ELEVATED TANK
LOADING PAD AREA
FORMER AST DISPENSER ISLAND
LIQUID FERTILIZER TANKS (3)
PARKING AND STORAGE AREA
SECONDARY CONTAINMENT AREA
ANHYDROUS TANKS
EQUIPMENT STORAGE AREA
COUNTY HIGHWAY N
N
LEGEND
WATER SUPPLY WELL
OVERHEAD UTILITY
TELEPHONE
ELECTRIC
WATER
LP GAS LINE
60 0 60
SCALE: 1" = 60'
DRAINAGE DITCH
COFFEYTOWN ROAD
NORA ROAD
SOURCE: DAMES & MOORE, SEPT. 1989.
FIGURE B-5
SITE PLAN
COTTAGE GROVE BULK PLANT
COFFEYTOWN ROAD AND COUNTY HIGHWAY N
COTTAGE GROVE, WISCONSIN
PROJECT NO. 1313
DRAWN BY: KP
CHECKED BY: TB
DRAWN: 11/24/95 REVISED: 05/25/00
J:\1313\SITE.DWG
BTI inc.

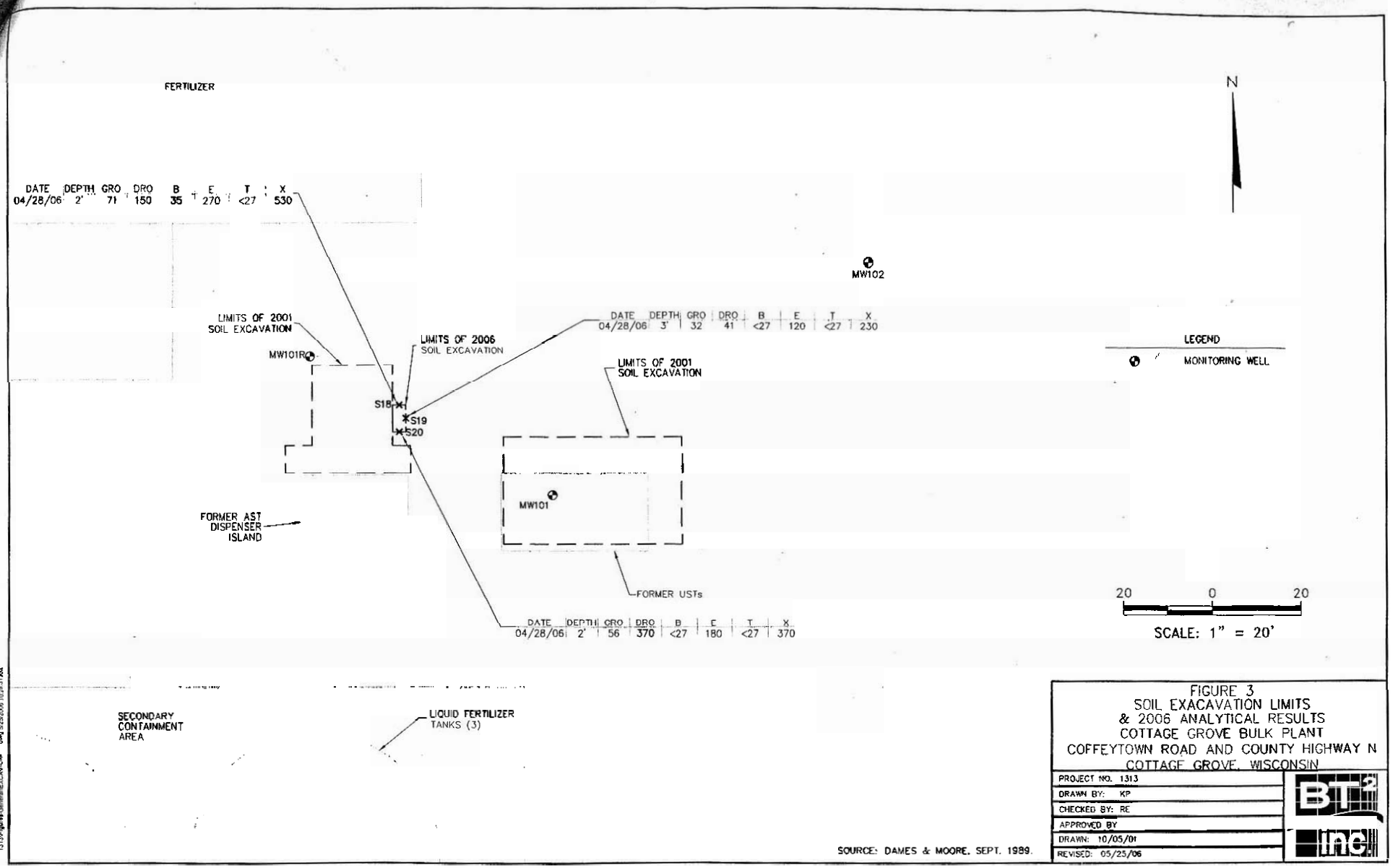


FIGURE 3
SOIL EXACAVATION LIMITS
& 2006 ANALYTICAL RESULTS
COTTAGE GROVE BULK PLANT
COFFEYTOWN ROAD AND COUNTY HIGHWAY N
COTTAGE GROVE, WISCONSIN

PROJECT NO. 1313	
DRAWN BY: KP	
CHECKED BY: RE	
APPROVED BY	
DRAWN: 10/05/01	
REVISED: 05/25/06	

Table 2
2006 Soil Excavation Analytical Results
Landmark Services - Cottage Grove Bulk Plant / BT^2 Project #1313
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	PID	Lab Notes	DRO (mg/kg)	GRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Other VOCs
S18	4/28/2006	2	65	(1)	**150**	71	**35** QU	270 QU	<27 QU	530 QU	1,200 QU	420 QU	<27 QU	NA
S19	4/28/2006	3	32	(1)	41	32	<27 QU	120 QU	<27 QU	230 QU	580 QU	210 QU	<27 QU	NA
S20	4/28/2006	2	58	(1)	**370**	56	<27 QU	180 QU	<27 QU	370 QU	920 QU	320 QU	<27 QU	NA
NR 720 Residual Contaminant Level (RCL)					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	

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
VOCs = Volatile Organic Compounds
PID = Photo-Ionization Detector
TMB = Trimethylbenzene
NE = Not Established

NOTES:
Bold values exceed NR 720 RCLs.
NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(a) 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

LABORATORY NOTES AND DATA QUALIFIERS:
QU = Unquantitated hydrocarbons present in the sample outside of the reported carbon range.
1) Surr: 4-Bromofluorobenzene (80-200%) analysis - Unquantitated hydrocarbons present in the sample outside of the reported carbon range.

Created by: LMH 05/23/06
Checked by: RE 5/23/06

\1313\tables\[Soil_PVOCs_Excavation.xls]Soil VOCs

Rev. by: <initials> <date>

Table B-6-1
Soil Analytical Results Summary: UST Removal
Cottage Grove Co-op/Cottage Grove Bulk Plant / Project #1313
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	DRO (mg/kg)	GRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Lead	Other VOCs
Middle P946	12/28/98		(1)	**4,830**	**285**	<160	953	<160	1,980	5,820	2,480	<160	NA	NA
NR 720 Generic Soil Cleanup Standards				100	100	5.5	2,900	1,500	4,100	NE	NE	NE	50	

ABBREVIATIONS:
DRO = Diesel Range Organics
VOCs = Volatile Organic Compounds
GRO = Gasoline Range Organics
NA = Not Analyzed
TMB = Trimethylbenzene
NE = No Standard Established
MTBE = Methyl-tert-butyl ether

NOTE:
Bold values exceed NR 720 generic soil cleanup standards.

LABORATORY NOTES:
(1) GRO Analysis - Late eluting hydrocarbons present.

Table B-6-2
Soil Analytical Results Summary: Soil Borings
Cottage Grove Co-op/Cottage Grove Bulk Plant / Project #1313
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	DRO (mg/kg)	GRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Lead (mg/kg)
GP1	3/15/00	8-10	(1)	**548**	**153**	**100**	843	767	**7,450**	6,240	2,740	<27	NA
GP1	3/15/00	14-16	(1)	**573**	**259**	**162**	**3,890**	**1,620**	**17,300**	17,300	5,300	<140	<4.3
GP2	3/15/00	2-4	(1)	**5,760**	**9,520**	**27,600**	**75,200**	**108,000**	**1,200,000**	784,000	257,000	<3,100	NA
GP2	3/15/00	14-16	(1)	**390**	**277**	**862**	**5,540**	**7,700**	**25,700**	16,400	5,240	<130	<4.1
GP3	3-15/00	10-12	(1)	**213**	**288**	**175**	1,750	<160	3,500	20,000	7,260	<160	NA
GP4	3/15/00	6-8	--	9.3	<5.2	<26	<26	<26	<77	28	<26	<26	NA
GP4	3/15/00	14-16	(1)	74	35	**766**	940	**2,670**	3,830	1,390	476	<29	NA
GP5	3/15/00	14-16	(1)	**742**	**895**	**4,710**	**14,100**	**9,310**	**51,800**	34,200	11,700	<580	NA
GP6	3/15/00	6-8	--	<5.4	<5.4	<27	<27	<27	<81	<27	<27	<27	<4.3
GP6	3/15/00	14-16	--	9.8	<5.9	<30	<30	<30	<89	<30	<30	<30	NA
GP7	3/15/00	6-8	--	<5.6	<5.6	<28	<28	<28	<84	<28	<28	<28	NA
GP7	3/15/00	14-16	(1)	**797**	**270**	<58	574	68	<180	3,170	<58	<58	NA
GP8	3/16/00	10-12	--	<5.1	<5.1	<26	<26	<26	<77	<26	<26	<26	NA
GP9	3/16/00	14-16	--	<6.1	<6.1	<31	<31	<31	<92	<31	<31	<31	NA
GP10	3/16/00	10-12	--	<5.9	<5.9	<30	<30	<30	<89	<30	<30	<30	NA
GP11	3/16/00	6-8	--	<5.6	<5.6	**49**	53	63	460	561	202	<28	NA
GP11	3/16/00	14-16	(1)	<6.1	17	**575**	1,080	82	1,000	330	587	<31	NA
GP12	3/16/00	2-4	--	<6.2	<5.0	<25	<25	<25	<75	<25	<25	<25	NA
GP12	3/16/00	14-16	--	<6.0	<6.0	**73**	<30	<30	433	373	325	<30	NA
GP13	3/16/00	2-4	(2)	**9,360**	**2,840**	<520	<2,210	536	**45,200**	70,500	31,500	<520	8.1
GP13	3/16/00	14-16	(1)	**8,740**	**2,640**	**5,270**	**20,800**	**23,600**	**126,000**	115,000	34,700	<1,800	NA

Soil Analytical Results Summary: Soil Borings

Sample	Date	Depth (feet)	Lab Notes	DRO (mg/kg)	GRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Lead (mg/kg)
GP14	3/16/00	2-4	(1)	83	16	**382**	234	283	837	702	197	234	12
GP14	3/16/00	14-16	(1)	**546**	9.3	**32**	31	<30	<89	74	<30	321	NA
GP15	3/16/00	6-8	--	<5.4	<5.4	<27	<27	<27	<80	<27	<27	<27	NA
GP15	3/16/00	14-16	--	**187**	<5.9	<29	<29	<29	<88	<29	<29	<29	NA
GP16	3/16/00	10-12	--	<5.0	<5.2	<26	<26	<26	<78	<26	<26	<26	NA
GP17	3/16/00	2-4	(3)	<6.2	<6.2	<31	<31	<31	<93	<31	<31	<73	NA
GP17	3/16/00	14-16	(1)	**131**	31	<30	<30	<30	<89	203	57	<30	NA
GP18	3/18/00	0-2	(1)	**146**	75	<146	146	<146	<462	1,020	498	<146	NA
GP18	3/18/00	14-16	(1)	**594**	**1,260**	**6,390**	**28,500**	**49,100**	**124,000**	61,600	19,400	<1,370	7.5
GP19	3/18/00	10-12	(1)	**553**	**991**	<521	**17,700**	**9,590**	**91,800**	66,700	20,900	<521	NA
GP20	3/18/00	2-4	(1)	**395**	**139**	<58	84	<58	<174	918	81	<58	NA
GP20	3/18/00	14-16	(1)	**628**	**2,370**	**9,830**	**54,500**	**46,200**	**233,000**	159,000	50,900	<1,420	NA
GP21	3/18/00	14-16	--	<6.0	<6.0	**30**	<30	<30	<89	<30	<30	<30	NA
GP22	3/18/00	14-16	--	<5.1	<5.1	<26	<26	<26	<77	<26	<26	<26	NA
MW101-S4	8/14/00	12	(4)	5.6	50	<25	190	140	226	350	83	<25	NA
MW102-S3	8/14/00	9	--	<1.4	<1.1	<25	<25	<25	<50	<25	<25	<25	NA
Soil Drum	8/14/00	--	(5)	48	**190**	<200	**3,000**	**1,800**	**13,400**	9,100	3,100	<180	4.9
MeOH Blank	3/15/00	--	--	NA	<5.0	<25	<25	<25	<75	<25	<25	<25	NA
	3/18/00	--	--	NA	NA	<25	<25	<25	<75	45	<25	<25	NA
	8/14/00	--	--	NA	<1.1	<25	<25	<25	<50	<25	<25	<25	NA
NR 720 Generic Soil Cleanup Standards				100	100	5.5	2,900	1,500	4,100	NE	NE	NE	50

Table B-6-2 (Continued)
Soil Analytical Results Summary: Soil Borings

ABBREVIATIONS:
DRO = Diesel Range Organics
NA = Not Analyzed
GRO = Gasoline Range Organics
NE = No Standard Established
TMB = Trimethylbenzene
MTBE = Methyl-tert-butyl ether

NOTE:
Bold values exceed NR 720 generic soil cleanup standards.

LABORATORY NOTES:
(1) GRO analysis - Late eluting hydrocarbons present.
(2) Ethylbenzene analysis - Matrix interference. GRO analysis - Late eluting hydrocarbons present.
(3) MTBE analysis - Matrix interference.
(4) DRO has a value in between LOD and LOQ. GRO analysis - Significant peaks were detected outside the chromatographic window.
(5) DRO and GRO analyses - Significant peaks were detected outside the chromatographic window. GRO and VOCs analyses - Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.

Table B-6-3
Soil Analytical Results Summary: Excavation
Cottage Grove Co-op/Cottage Grove Bulk Plant / Project #1313
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	PID	Lab Notes	DRO (mg/kg)	GRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE
S4	9/20/01	19	532	--	<6.0	<6.0	**61**	120	93	433	205	55	<30
S8	9/20/01	10	35	--	<5.2	<5.2	<26	<26	<26	<77	<26	<26	<26
S9	9/20/01	9	17	--	<5.2	<5.2	<26	<26	<26	<77	<26	<26	<26
S10	9/20/01	8	626	(1)	92	**112**	<102	573	276	4,090	7,360	2,250	<102
S11	9/20/01	10	15	--	<5.2	<5.2	<26	<26	<26	<78	<26	<26	<26
S12	9/20/01	4	70	--	7.1	<6.1	<30	39	<30	207	110	38	<30
S13	9/20/01	2	67	(1)	**2,160**	**1,070**	**13,200**	**21,600**	**63,500**	**107,000**	53,900	16,800	<1,440
S14	9/20/01	5	35	--	15	<6.2	<31	<31	<31	<94	<31	<31	<31
S15	9/20/01	7	527	(1)	**9,020**	**3,590**	**8,480**	**40,200**	**84,800**	**217,000**	141,000	46,700	<1,300
S16	9/20/01	11	360	(1)	**683**	**220**	**330**	2,200	**1,650**	**10,100**	9,910	3,410	<270
S17	9/20/01	5.5	172	--	29	6.3	**182**	89	194	583	485	158	<30
NR 720 Generic Soil Cleanup Standards					100	100	5.5	2,900	1,500	4,100	NE	NE	NE
NR 746 Table 1 - Indicators of residual petroleum product in soil pores					NE	NE	8,500	4,600	38,000	42,000	83,000	11,000	NE
NR 746 Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil					NE	NE	1,100	NE	NE	NE	NE	NE	NE

ABBREVIATIONS:
DRO = Diesel Range Organics
VOCs = Volatile Organic Compounds
GRO = Gasoline Range Organics
NA = Not Analyzed
TMB = Trimethylbenzene
NE = No Standard Established
MTBE = Methyl-tert-butyl ether

NOTE:
Bold values exceed NR 720 generic soil cleanup standards.

LABORATORY NOTES:
(1) GRO analysis - Late eluting hydrocarbons present.

I:\1313\Reports\SI_Closure\Closure_Tables.wpd By LMH 10/11/01

Table B-6-4
Groundwater Analytical Results Summary
Cottage Grove Bulk Plant, Cottage Grove, WI / Project # 1313
(Results are in $\mu g/l$)

Sample	Date	Lab Notes	DRO	GRO	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Other VOCs
MW3	3/18/2000	--	<100	NA	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	ND
	2/11/2002	--	<100	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA
	5/8/2002	--	170	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA
	8/7/2002	(1)	397	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
	11/22/2002	--	260 D3	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
MW14A	5/25/2000	--	120	<50	<0.13	<0.22	<0.20	<0.23	<0.51	1.8	ND
MW14B	8/28/2000	--	<18	<14	<0.50	<0.50	<0.50	<1.5	<1.0	<0.40	NA
	2/11/2002	--	<100	<50	<0.13	<0.22	0.23	<0.23	<0.51	<0.16	NA
	5/8/2002	--	<100	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA
	8/7/2002	--	<100	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
	11/22/2002	--	<100	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
MW21B	8/28/2000	--	<18	<14	<0.50	<0.50	<0.50	<1.5	<1.0	<0.40	NA
	2/11/2002	--	<100	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA
	5/8/2002	--	<100	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA
	8/7/2002	(1)	171	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
	11/22/2002	--	<100	<50.0	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
MW101	8/28/2000	(2)	8,600	28,000	**790**	**2,400**	**5,700**	**12,000**	**2,750**	<280	n-Butylbenzene 410 Naphthalene **640** n-Propylbenzene 320
	8/28/2000 Dup	(3)	NA	27,000	**650**	**1,900**	**4,600**	*9,700*	**2,210**	<280	n-Butylbenzene 370 Naphthalene **560** n-Propylbenzene 270
MW101R	2/11/2002	(4)	1,400	1,300	**33**	18	39	200	*107*	**130**	NA
	2/11/2002 Dup	(5)	1,400	1,300	**13**	21	40	210	*114*	<6.6	NA
	5/8/2002	--	4,700	21,000	**1,500**	*230*	*990*	*6,400*	**3,160**	*39*	NA
	5/08/02 Dup	--	6,600	21,000	**1,700**	*160*	*820*	*6,500*	**3,300**	*35*	NA

Table B-6-4
Groundwater Analytical Results Summary
Cottage Grove Bulk Plant, Cottage Grove, WI / Project # 1313
(Results are in $\mu g/l$)

Sample	Date	Lab Notes	DRO	GRO	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Other VOCs
MW101R (cont.)	8/7/2002	(6)	12,700	15,000	**1,480**	21.2	*290*	*5,200*	**3,127**	*53*	NA
	8/7/02 Dup	(6)	17,500	15,500	**1,530**	17.3	*304*	*5,390*	**3,263**	*49.1*	NA
	11/22/2002	--	11,200 D4 D2A	16,800 G8	**1,190**	93	137	*5,930*	**4,058**	*32.6*	NA
	11/22/2002 Dup	--	12,200 D4 D2A	16,100 G8	**1,120**	88.2	128	*5,640*	**3,952**	*31.3*	NA
MW102	8/28/2000	--	<18	<14	<0.50	<0.50	<0.50	<1.5	<1.0	6.8	NA
	2/11/2002	--	470	<50	*0.65*	<0.22	<0.20	<0.23	<0.51	8.1	NA
	5/8/2002	--	570	<50	0.44	<0.22	<0.20	<0.23	<0.51	7.1	NA
	8/7/2002	(7)	1,280	<50	<0.31	<0.5	<0.3	<0.92	<0.71	5.71	NA
	11/22/2002	--	1,200 D1	<50	0.307 J	<0.5	<0.3	<0.92	<0.71	8.26	NA
Scale Well	8/7/2002	--	<100	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
	11/22/2002	--	<100	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
Field Blank	8/28/2000	(8)	NA	<14	<0.10	<0.10	0.38	1.27	<0.50	<1.1	NA
	3/18/2000	(9)	NA	NA	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	Methylene chloride *1.5*
	5/25/2000	(10)	NA	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	ND
Trip Blank	8/28/2000	--	NA	<14	<0.50	<0.50	<0.50	<1.50	<1.0	<0.40	NA
	2/11/2002	--	NA	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA
	5/8/2002	--	NA	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA
	8/7/2002	--	NA	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
	11/22/2002	--	NA	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA
NR 140 Enforcement Standards			NE	NE	5	700	1,000	10,000	480	60	Naphthalene 40 Methylene chloride 5
NR 140 Preventive Action Limits (PAL)			NE	NE	0.5	140	200	1,000	96	12	Naphthalene 8 Methylene chloride 0.5

Table B-6-4
Groundwater Analytical Results Summary
Cottage Grove Bulk Plant, Cottage Grove, WI / Project # 1313
(Results are in $\mu g/l$)

ABBREVIATIONS:

µg/l - micrograms per liter or parts per billion (ppb)
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
NE = No Standard Established
DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
NA = Not Analyzed
GRO = Gasoline Range Organics
VOCs = Volatile Organic Compounds
ND = Not Detected

NOTES:

Bold = exceeds NR 140 PAL.

LABORATORY NOTES:

D1 = The chromatogram is characteristic for a 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.).
D3 = The chromatogram is not characteristic for diesel or any single common petroleum product.
D4 = The chromatogram contained significant peaks outside the DRO window.
G8 = The chromatogram is characteristic for aged gasoline; however, either additional peaks are present or PVOC peaks are not proportional to aged gasoline indicating the presence of additional compounds.
J = Estimated concentration below laboratory quantitation level.
(1) DRO analysis - The chromatogram is not characteristic for diesel or any single common petroleum product. The chromatogram contained significant peaks and a raised baseline outside the DRO window.
(2) DRO and GRO analysis - Significant peaks were detected outside the chromatographic window. VOCs analysis - Raised quantitation or reporting limit due to limited sample amount or dilution for matrix background interference. TMBs, n-propylbenzene, n-butylbenzene, and naphthalene analysis - Analyte averaged calibration criteria within acceptable limits.
(3) GRO analysis - Significant peaks were detected outside the chromatographic window. Naphthalene analysis - Value in between LOD and LOQ. VOCs analysis - Raised Quantitation or Reporting limit due to limited sample amount or dilution for matrix background interference. TMBs, n-butylbenzene, naphthalene, and n-propylbenzene analysis - Analyte averaged calibration criteria within acceptable limits.
(4) GRO analysis - Late eluting hydrocarbons present.
(5) GRO analysis - Late eluting hydrocarbons present. MTBE analysis - Matrix interference.
(6) GRO analysis - The chromatogram is characteristic for aged gasoline; however, either additional peaks are present or PVOC peaks are not proportional to aged gasoline indicating the presence of additional compounds. DRO analysis - The chromatogram is characteristic for a light petroleum product. (i.e. gasoline, aged or degraded gasoline, mineral spirits, etc.).
(7) DRO analysis - The chromatogram is not characteristic for diesel. It has the characteristics of a product which has significant peaks within the DRO window. The chromatogram contained significant peaks and a raised baseline outside the DRO window.
(8) Toluene and o-xylene analysis - Values in between LOD and LOQ.
(9) Methylene chloride - Common lab solvent and contaminant.
(10) Xylenes and Naphthalene - Results confirmed via re-analysis.

Created by: I.P 05/21/2002
Checked by JSP 05 22 2002

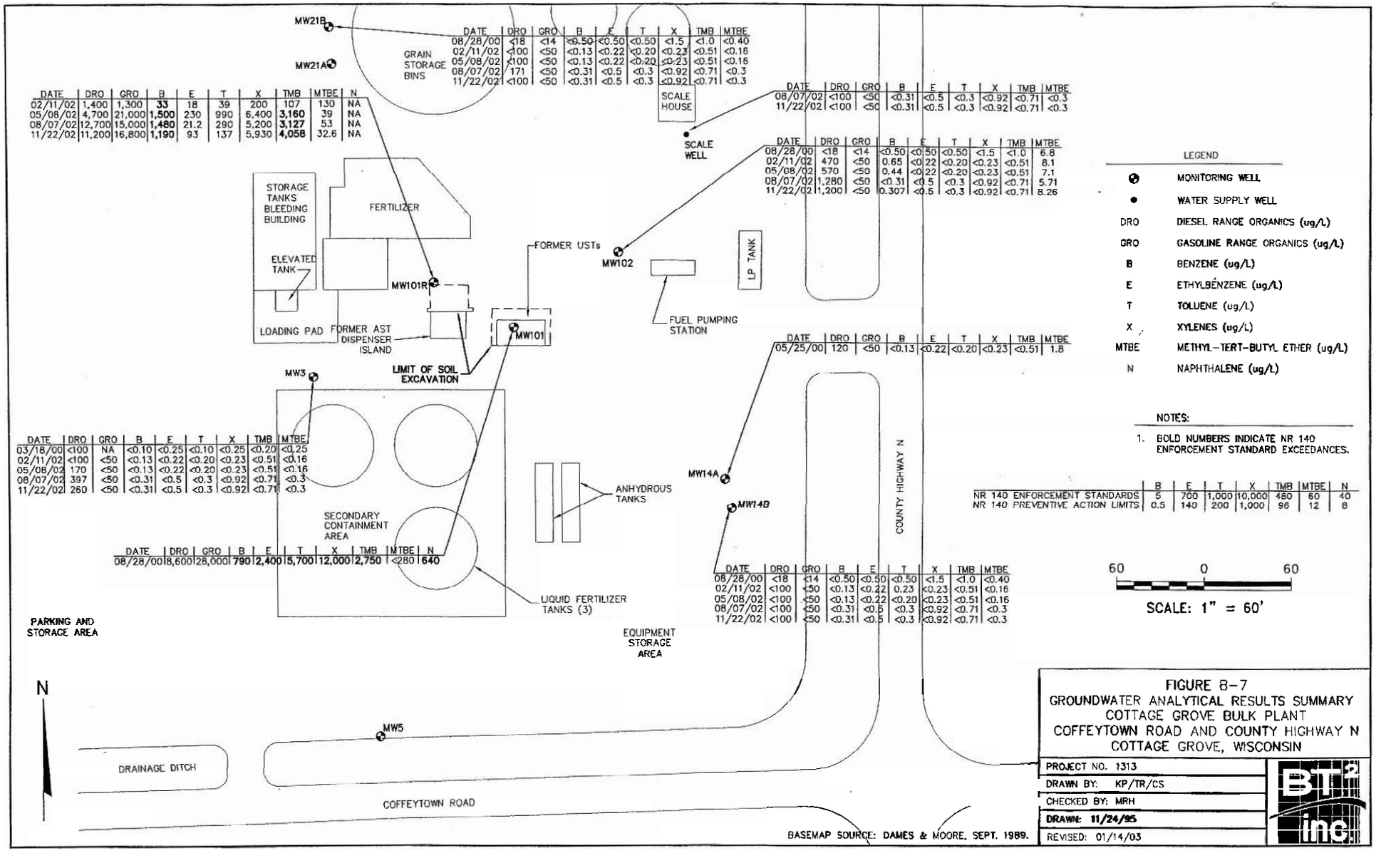
Table B-6-5
Groundwater Monitoring Results for Natural Attenuation Evaluation
Cottage Grove Bulk Plant, Cottage Grove, WI / Project #1313

Sample	Date	Dissolved Oxygen (mg/l)	Nitrate + Nitrite Nitrogen (mg/l as N)	Dissolved Iron (mg/l)	Sulfate (mg/l)	Conductivity (µs)	pH (Std. Units)
MW3	5/8/2002	3.7	24	<0.042	57	1394	6.77
	11/22/2002	1.0	20.7	3.68	82.2	NA	6.64
MW14B	5/8/2002	5.4	8.5	<0.042	26	879	7.08
	11/22/2002	7.0	9.59	<0.01	19.6	NA	6.8
MW21B	5/8/2002	8.3	5.6	<0.042	46	500	8.3
	11/22/2002	7.0	7.32	0.825	41.3	NA	6.82
MW101R	5/8/2002	0.0	2.3	0.91	14	1059	6.78
	5/8/2002 Dup	0.0	2.2	0.92	13	1064	6.78
	11/22/2002	1.0	<0.3	7.45	22.7	NA	6.5
MW102	5/8/2002	1.6	13	<0.042	36	960	6.89
	11/22/2002	1.0	14.4	2.85	28	NA	6.47
Scale Well	11/22/2002	NA	7.73	0.02	34.3	NA	6.5

ABBREVIATIONS:
mg/l = milligrams per liter
µs = microsiemens
NA = Not Analyzed

NOTE:
Dissolved oxygen (DO), conductivity, and pH measured in the field. DO measured using Chemet colorimetric test kit.

Created by: TLR 12/31/02
Checked by: LP 01/03/03



DATE	DRO	GRO	B	E	T	X	TMB	MTBE	N
02/11/02	1,400	1,300	**33**	18	39	200	107	130	NA
05/08/02	4,700	21,000	**1,500**	230	990	6,400	**3,160**	39	NA
08/07/02	12,700	15,000	**1,480**	21.2	290	5,200	**3,127**	53	NA
11/22/02	11,200	16,800	**1,190**	93	137	5,930	**4,058**	32.6	NA

DATE	DRO	GRO	B	E	T	X	TMB	MTBE
08/28/00	<18	<14	<0.50	<0.50	<0.50	<1.5	<1.0	<0.40
02/11/02	<100	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16
05/08/02	<100	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16
08/07/02	171	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3
11/22/02	<100	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3

DATE	DRO	GRO	B	E	T	X	TMB	MTBE
08/07/02	<100	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3
11/22/02	<100	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3

DATE	DRO	GRO	B	E	T	X	TMB	MTBE
08/28/00	<18	<14	<0.50	<0.50	<0.50	<1.5	<1.0	6.8
02/11/02	470	<50	0.65	<0.22	<0.20	<0.23	<0.51	8.1
05/08/02	570	<50	0.44	<0.22	<0.20	<0.23	<0.51	7.1
08/07/02	1,280	<50	<0.31	<0.5	<0.3	<0.92	<0.71	5.71
11/22/02	1,200	<50	0.307	<0.5	<0.3	<0.92	<0.71	8.26

DATE	DRO	GRO	B	E	T	X	TMB	MTBE
05/25/00	120	<50	<0.13	<0.22	<0.20	<0.23	<0.51	1.8

DATE	DRO	GRO	B	E	T	X	TMB	MTBE
03/18/00	<100	NA	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25
02/11/02	<100	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16
05/08/02	170	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16
08/07/02	397	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3
11/22/02	260	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3

DATE	DRO	GRO	B	E	T	X	TMB	MTBE	N
08/28/00	8,600	28,000	**790**	**2,400**	**5,700**	**12,000**	**2,750**	<280	**640**

DATE	DRO	GRO	B	E	T	X	TMB	MTBE
08/28/00	<18	<14	<0.50	<0.50	<0.50	<1.5	<1.0	<0.40
02/11/02	<100	<50	<0.13	<0.22	0.23	<0.23	<0.51	<0.16
05/08/02	<100	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16
08/07/02	<100	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3
11/22/02	<100	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3

	B	E	T	X	TMB	MTBE	N
NR 140 ENFORCEMENT STANDARDS	5	700	1,000	10,000	480	60	40
NR 140 PREVENTIVE ACTION LIMITS	0.5	140	200	1,000	96	12	8

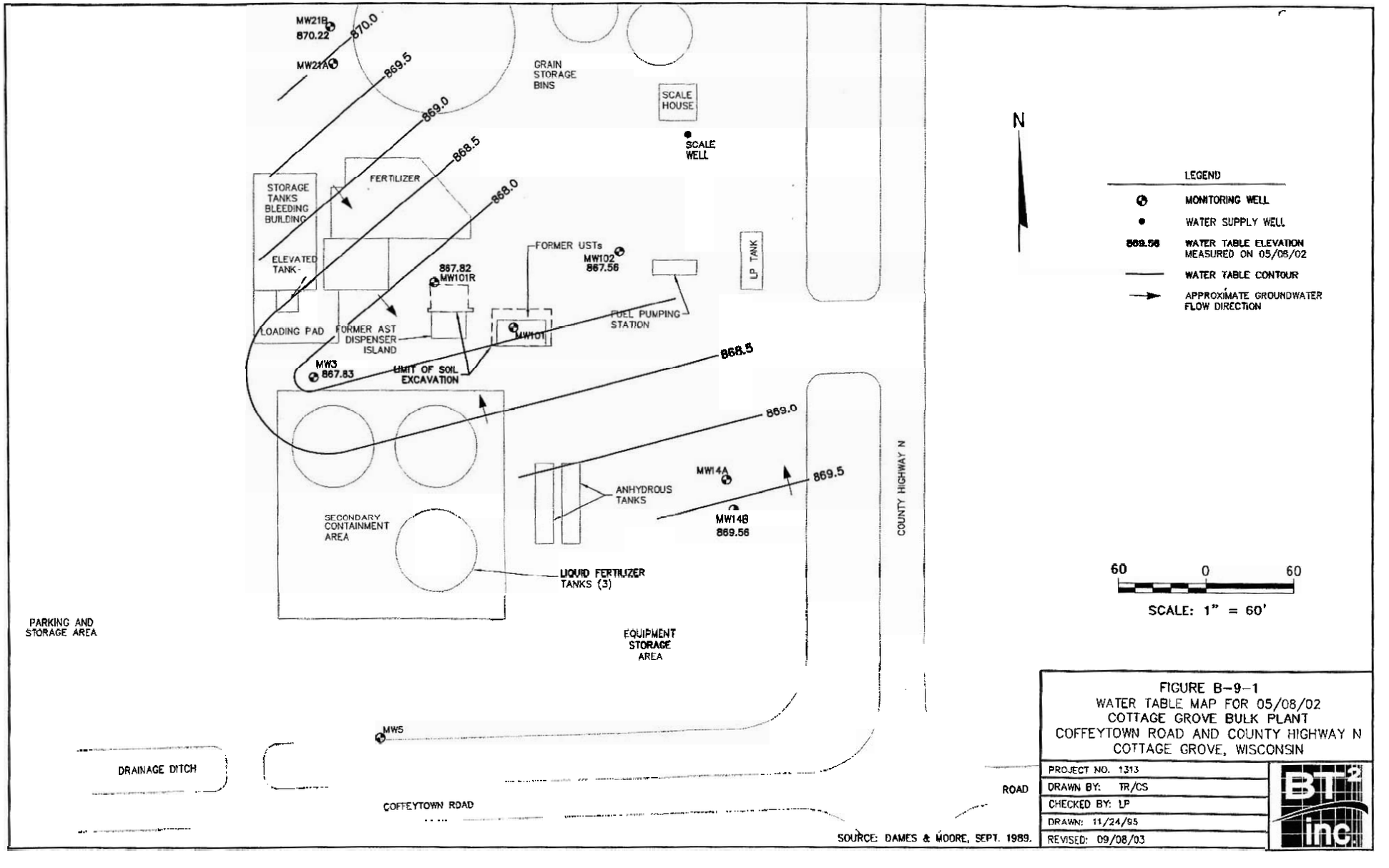


FIGURE B-9-1
WATER TABLE MAP FOR 05/08/02
COTTAGE GROVE BULK PLANT
COFFEYTOWN ROAD AND COUNTY HIGHWAY N
COTTAGE GROVE, WISCONSIN

PROJECT NO. 1313	
DRAWN BY: TR/CS	
CHECKED BY: LP	
DRAWN: 11/24/95	
REVISED: 09/08/03	

BT inc.

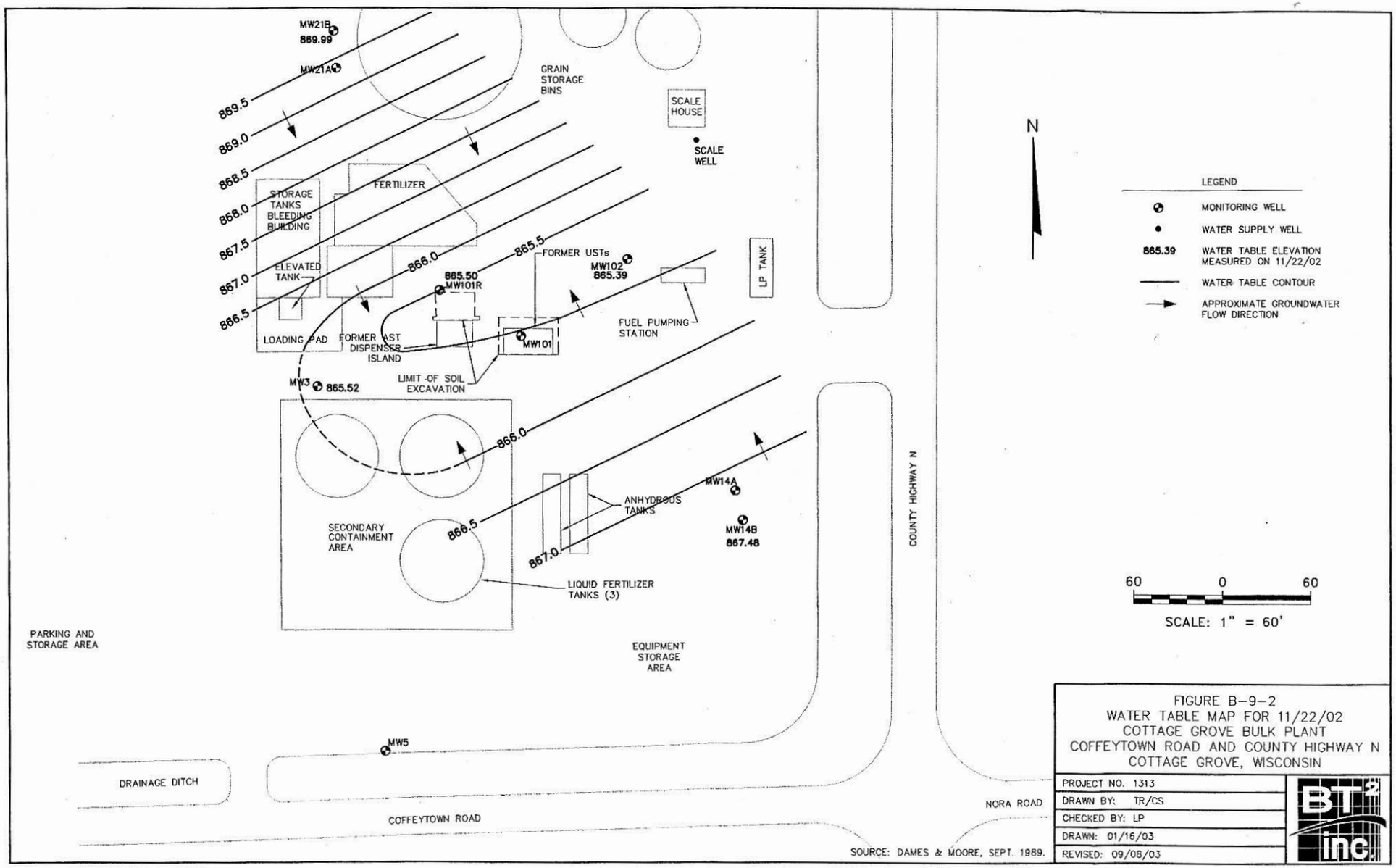


FIGURE B-9-2
WATER TABLE MAP FOR 11/22/02
COTTAGE GROVE BULK PLANT
COFFEYTOWN ROAD AND COUNTY HIGHWAY N
COTTAGE GROVE, WISCONSIN

PROJECT NO. 1313	
DRAWN BY: TR/CS	
CHECKED BY: LP	
DRAWN: 01/16/03	
REVISED: 09/08/03	

BT inc

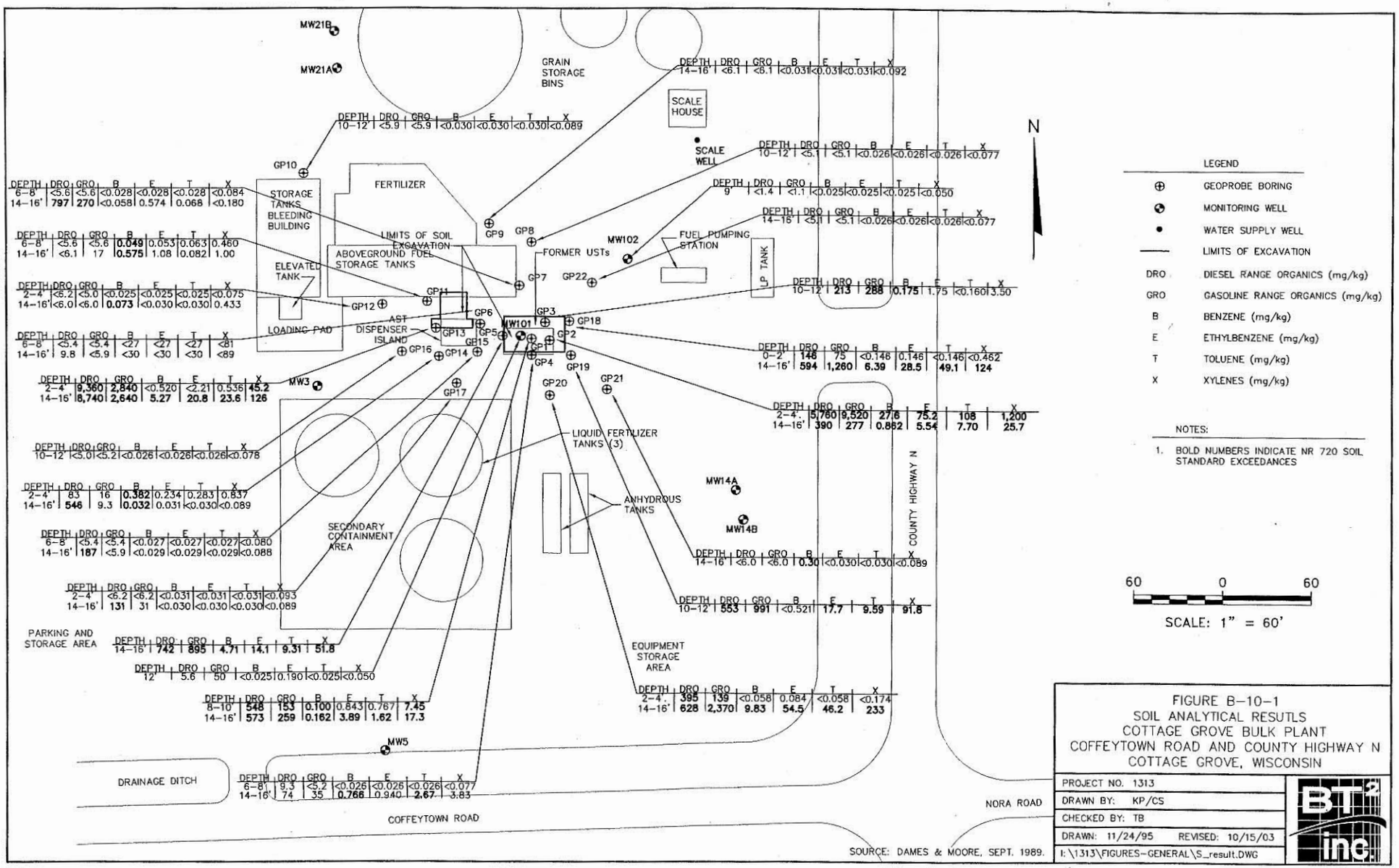


FIGURE B-10-1
SOIL ANALYTICAL RESUTLS
COTTAGE GROVE BULK PLANT
COFFEYTOWN ROAD AND COUNTY HIGHWAY N
COTTAGE GROVE, WISCONSIN

PROJECT NO. 1313	
DRAWN BY: KP/CS	
CHECKED BY: TB	
DRAWN: 11/24/95	REVISED: 10/15/03
I:\1313\FIGURES-GENERAL\S_result.DWG	

BT inc.

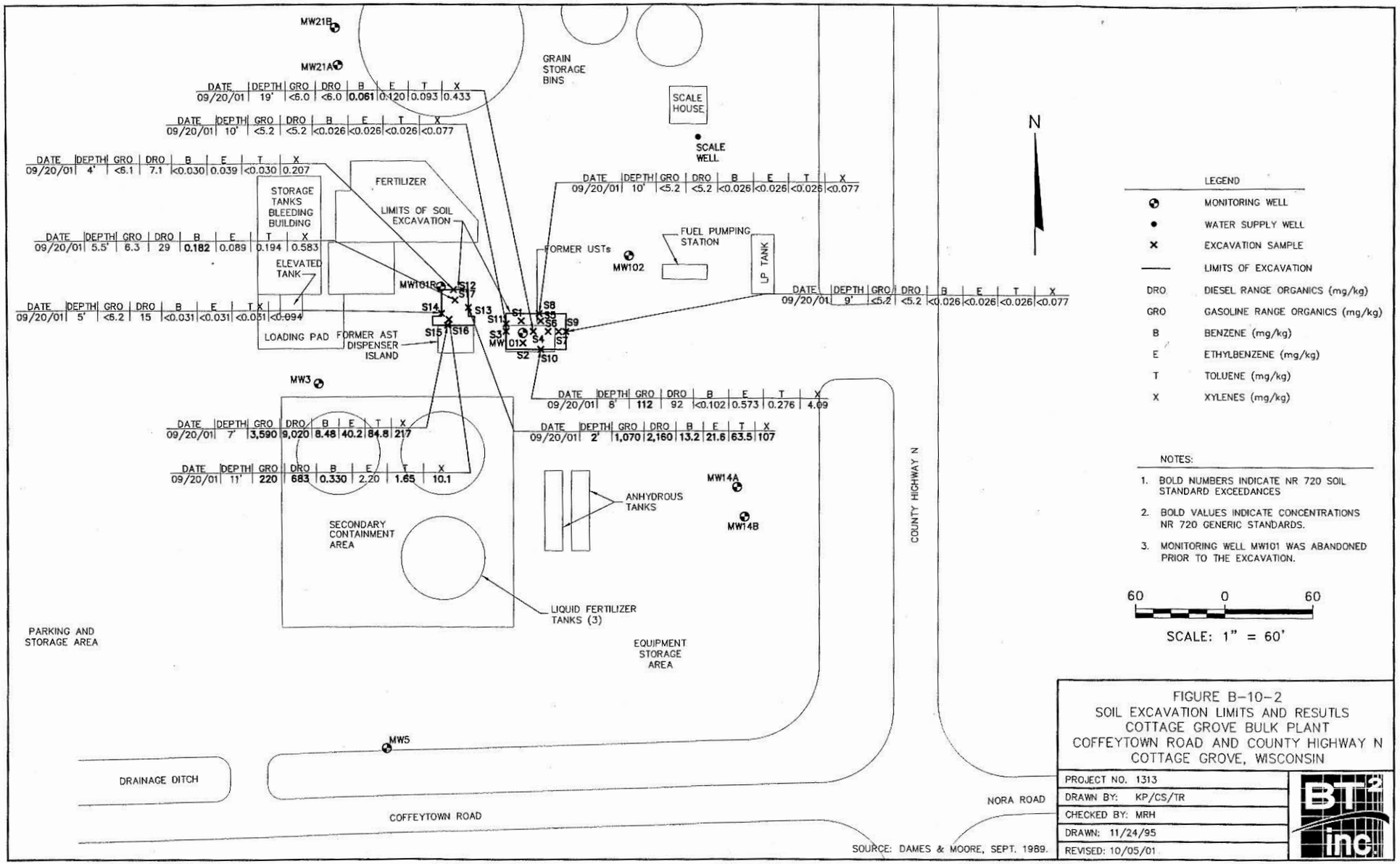


FIGURE B-10-2
SOIL EXCAVATION LIMITS AND RESUTLS
COTTAGE GROVE BULK PLANT
COFFEYTOWN ROAD AND COUNTY HIGHWAY N
COTTAGE GROVE, WISCONSIN

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

November 17, 2003

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.
Petroleum Storage Tank Site
2580 Coffeytown Road, Cottage Grove, WI 53527
Commerce #53527-9469-80
BRRTS #02-13-211066
BT^2 Project #1313

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, Michael Bandt

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