GIS REGISTRY INFORMATION

SITE NAME:	Countryside Coop Durand AST Facility		
BRRTS #:	02-47-284355	**FID #** (if appropriate):	
COMMERCE # (if appropriate):	54736-4704-62		
CLOSURE DATE:	September 17, 2004		
STREET ADDRESS:	W5862 State Hwy 85		
CITY:	Durand		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	~~365991~~ 365992	**Y =**	~~464747~~ 464759		
CONTAMINATED MEDIA:	Groundwater		Soil	X	Both	
OFF-SOURCE GW CONTAMINATION >ES:		Yes			No	X
• **IF YES, STREET ADDRESS:**						
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**		**Y =**			
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):		Yes		No	X	
• **IF YES, STREET ADDRESS 1:**						
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**		**Y =**			
CONTAMINATION IN RIGHT OF WAY:		Yes		No	X	

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)	
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.**	
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	X
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	X
RP certified statement that legal descriptions are complete and accurate.	X
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	

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2715 Post Road
Stevens Point, Wisconsin 54481
TDD #: (608) 264-8777
Fax #: (715) 345-5225
Jim Doyle, Governor
Cory L. Nettles, Secretary

commerce.wi.gov
Wisconsin
Department of Commerce

September 17, 2004

George Rude
Countryside Cooperative
514 E Main St
PO Box 250
Durand, WI 54736-0250

RE: **Final Closure**

Commerce # 54736-4704-62 WDNR BRRTS # 02-47-284355
Countryside Coop Durand AST Facility, W5862 State Hwy 85, Durand

Dear Mr. Rude:

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) 345-5307.

Sincerely,

Tim Zeichert
Hydrogeologist
Site Review Section

cc: Rick Bilodeau, Cedar Corporation
Case File

DOCUMENT NO.

62204

29 PAGE 647

WARRANTY DEED
STATE OF WISCONSIN—FORM 1
THIS SPACE RESERVED FOR RECORDING DATA

RECORDED
AT 11:15 A.M.
DEC 13 1968
EMMA LANGLOIS
Register of Deeds
Pepin County, Wis.

RETURN TO

THIS INDENTURE, Made this 21st day of May A. D., 1968, between Rosanna Taylor, a/k/a Rosanna K. Mitchell party of the first part and Durand Cooperatives party of the second part,

Witnesseth, That the said party of the first part, for and in consideration of the sum of One Dollar ($1.00) and other valuable consideration---------- to her in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its heirs and assigns forever, the following described real estate situated in the County of Pepin and State of Wisconsin, to-wit:

A parcel of land located in the NW¼ of NE¼ of Sec. 22, Township 25 North, Range 13 West, described as follows: Commencing at the Quarter section corner between Sections 15 and 22, T. 25 N., R. 13 W., thence East on Section line 190 feet; thence South 100 feet; thence North 70° East 145 feet; thence South 83 feet more or less to North boundary of Hwy. 85 right of way, which is point of beginning of lands herein conveyed; thence Southeasterly along the Northerly boundary of Hwy. 85 right of way 120 feet; thence at a right angle in a Northerly direction to Southerly boundary of railroad right of way; thence Northeasterly along Southerly boundary of said railroad right of way to Northeasterly boundary of land purchased from Farmers Union Central Exchange, Inc. by Durand Farmers Union Cooperative Oil Company, a Wis. coporation, by warranty deed dated 10-12-35; thence Southerly along the Southwesterly boundary of said lands purchased from said Farmers Union Central Exchange to place of beginning of lands herein conveyed.

(IF NECESSARY, CONTINUE DESCRIPTION ON REVERSE SIDE)

Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate right, title, interest, claim or demand whatsoever, of the said party of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To Have and To Hold the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, and to its heirs and assigns FOREVER.

And the said Rosanna Taylor, a/k/a Rosanna K. Mitchell, for herself and her heirs, executors and administrators, does covenant, grant, bargain, and agree to and with the said party of the second part, its heirs and assigns, that at the time of the ensealing and delivery of these presents she is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever

and that the above bargained premises in the quiet and peaceable possession of the said party of the second part, its heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, she will forever WARRANT AND DEFEND.

In Witness Whereof, the said party of the first part has hereunto set her hand and seal this 21st day of May, A. D., 19 68.

SIGNED AND SEALED IN PRESENCE OF

Ryan G. Laue

Ryan G. Laue

Lorelee Binkowski

Lorelee Binkowski

Rosanna K Mitchell (SEAL)
Rosanna Taylor, a/k/a
Rosanna K. Mitchell (SEAL)

(SEAL)

(SEAL)

STATE OF WISCONSIN,
Pepin County. } ss.

Personally came before me, this 21st day of May, A. D., 19 68, the above named Rosanna Taylor, a/k/a Rosanna K. Mitchell,

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

RYAN G. LAUE NOTARY PUBLIC SEAL PEPIN COUNTY, WIS.

Ryan G. Laue
Notary Public Pepin County, Wis.

This instrument drafted by

Ryan G. Laue, Atty., Durand, Wis.

My Commission (~~Expires~~) (Is) permanent.

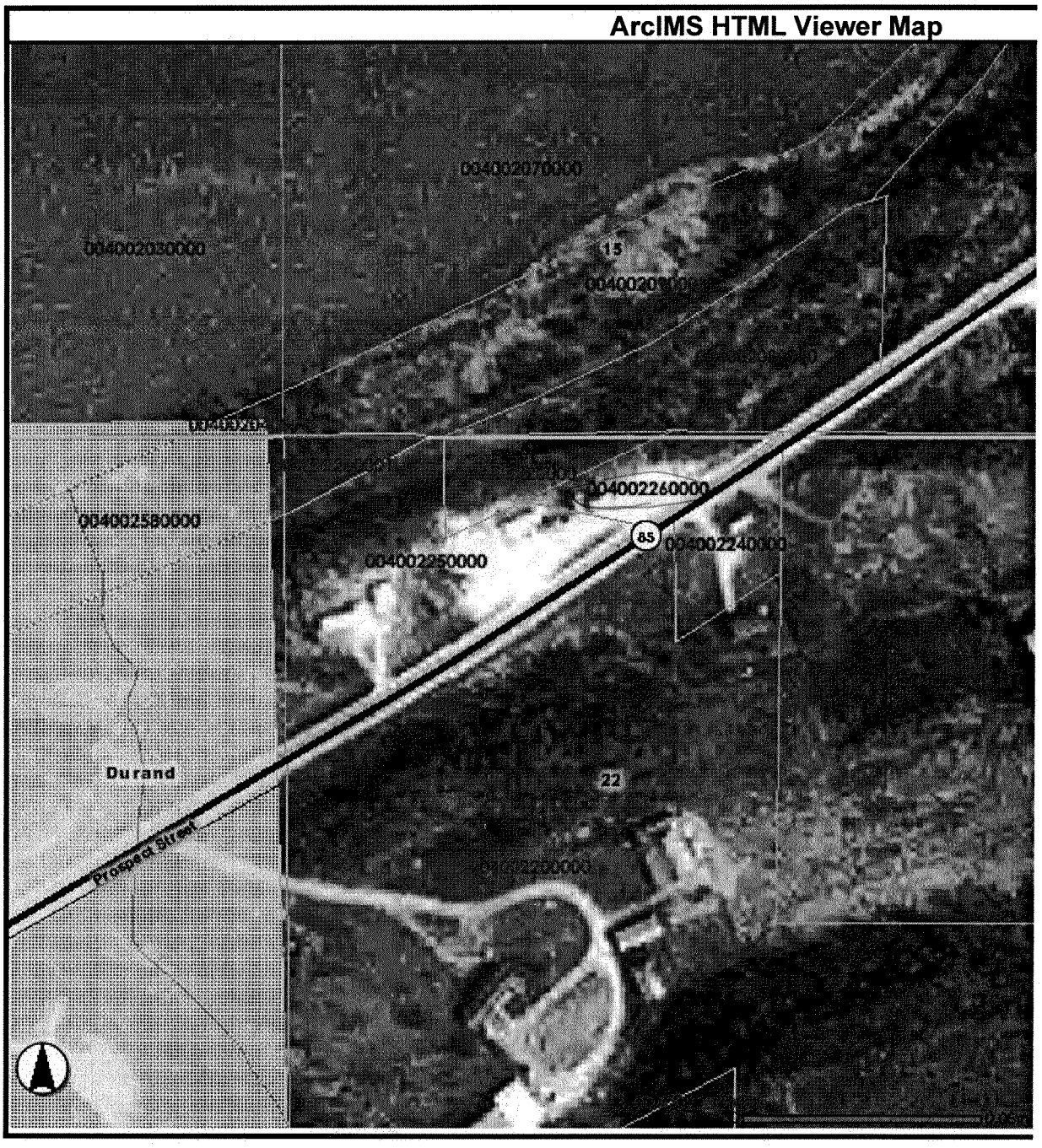
(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary).

WARRANTY DEED—STATE OF WISCONSIN, FORM NO. 1

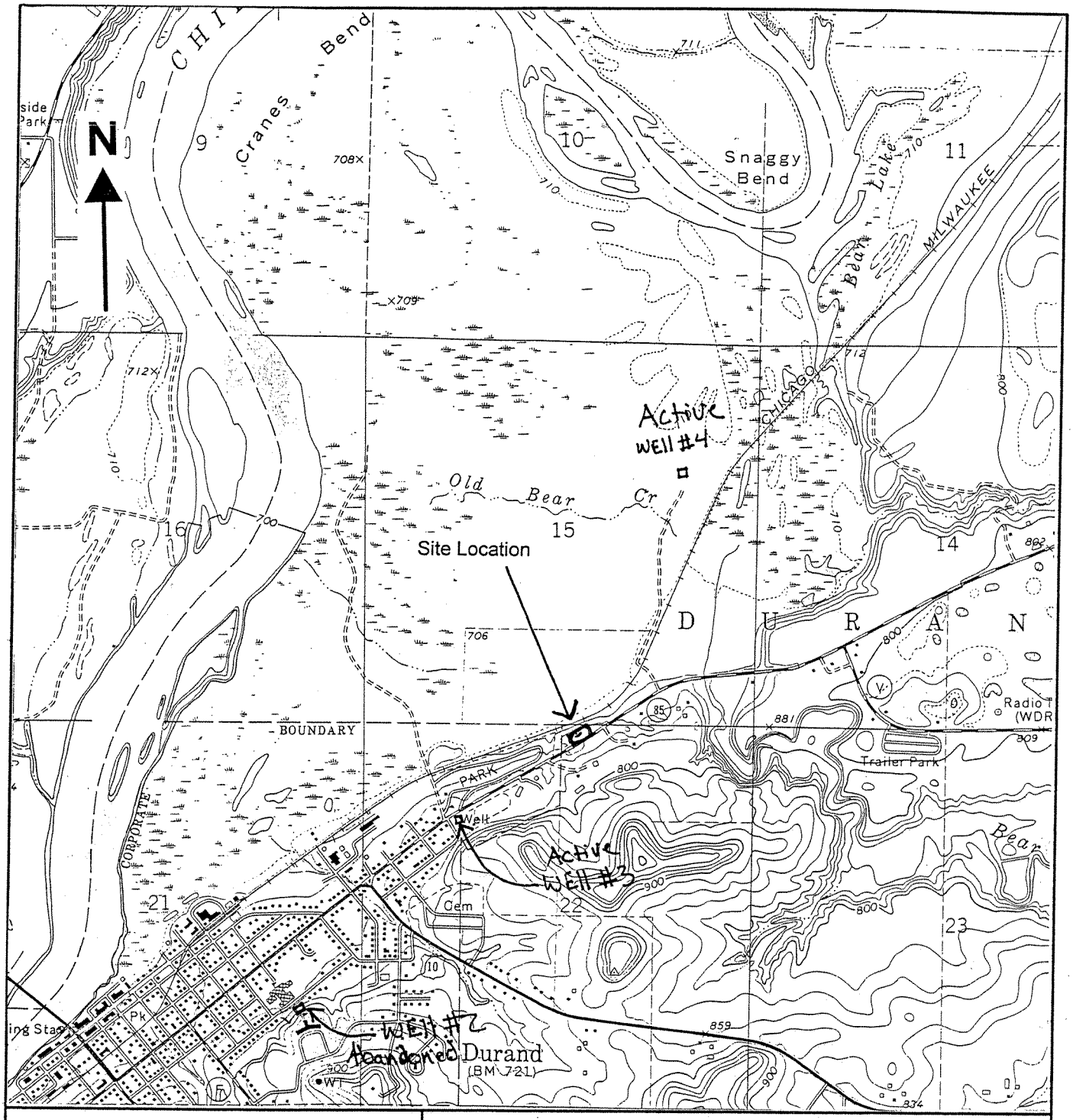
N. C. MILLER CO., MILWAUKEE

COUNTRYSIDE COOPERATIVE, DURAND AST
DURAND CO-OP BULK PLANT
WDNR BRRTS# 02-47-284355
PECFA #02-47-284355

PARCEL IDENTIFICATION NUMBER 00400226000
WTM COORDINATES 365991, 464747 (meters in WTM 83-91)



W5862 HIGHWAY 85 PARCEL # 004002260000



LEGEND

DURAND NORTH, WIS.
USGS TOPOGRAPHIC QUADRANGLE
7.5 MINUTE SERIES, 1972

CONTOUR INTERVAL = 20 FEET

NW 1/4 OF THE NE 1/4, SECTION 22,
TOWNSHIP 25 NORTH, RANGE 13 WEST
PEPIN COUNTY, WI

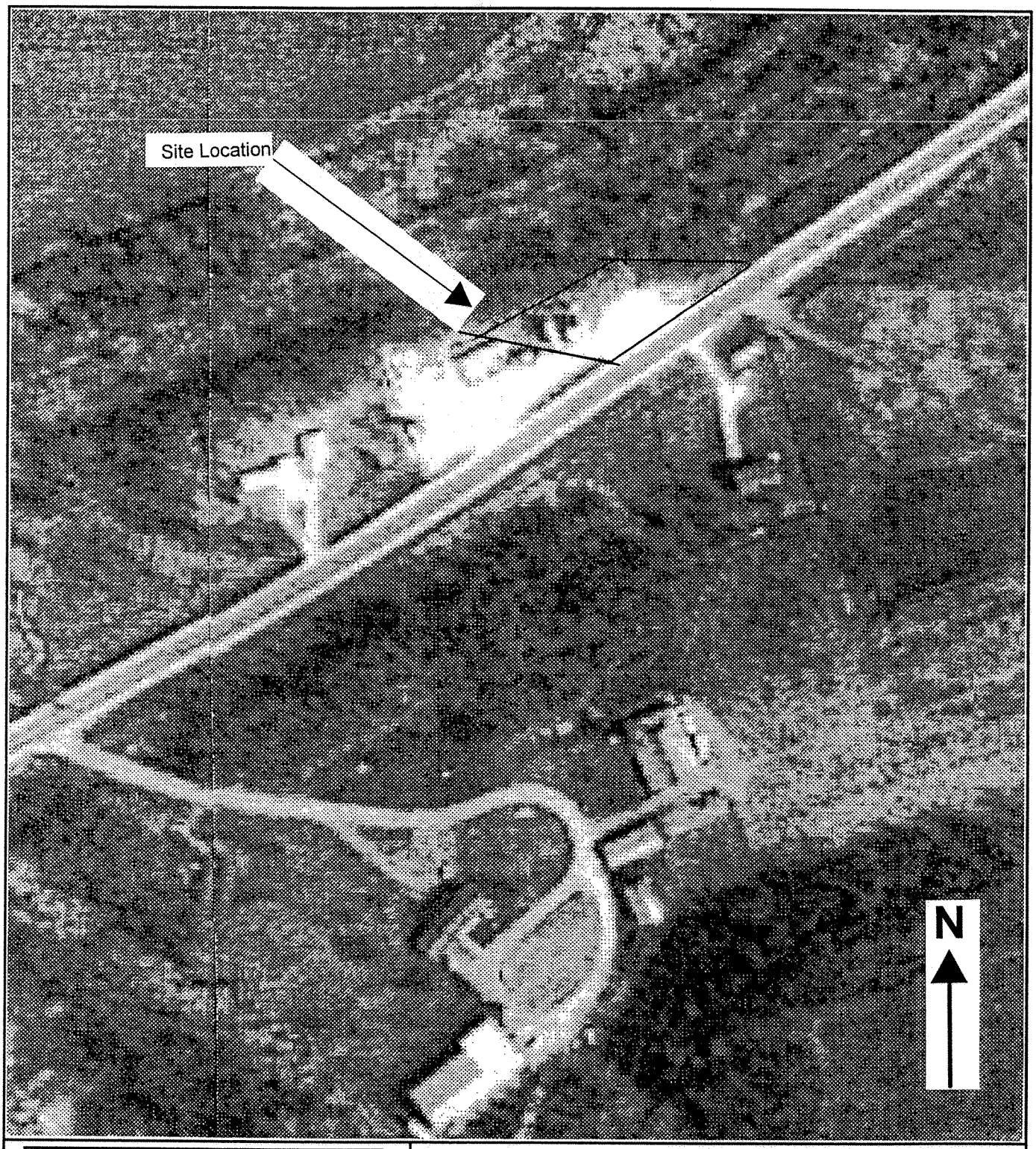
Cedar corporation

engineers • architects • planners • environmental specialists
land surveyors • landscape architects • interior designers

604 Wilson Avenue
Menomonie, WI 54751

715-235-9081
800-472-7372
Fax • 715-235-2727
www.cedarcorp.com

DRAWN BY	SITE LOCATION MAP	CHECKED BY
USGS	COUNTRYSIDE COOPERATIVE DURAND BULK AST FACILITY W 5862 STH 85 DURAND, WI	TAG
DATE		JOB NO.
1/02		1659-37
REVISED BY		FIGURE
TAG		1
SCALE		
1" : 2000'		



LEGEND

USGS AIR PHOTO FOR DURAND, WISCONSIN

NW 1/4 OF THE NE 1/4, SECTION 36,
TOWNSHIP 27 NORTH, RANGE 15 WEST
PIERCE COUNTY, WI

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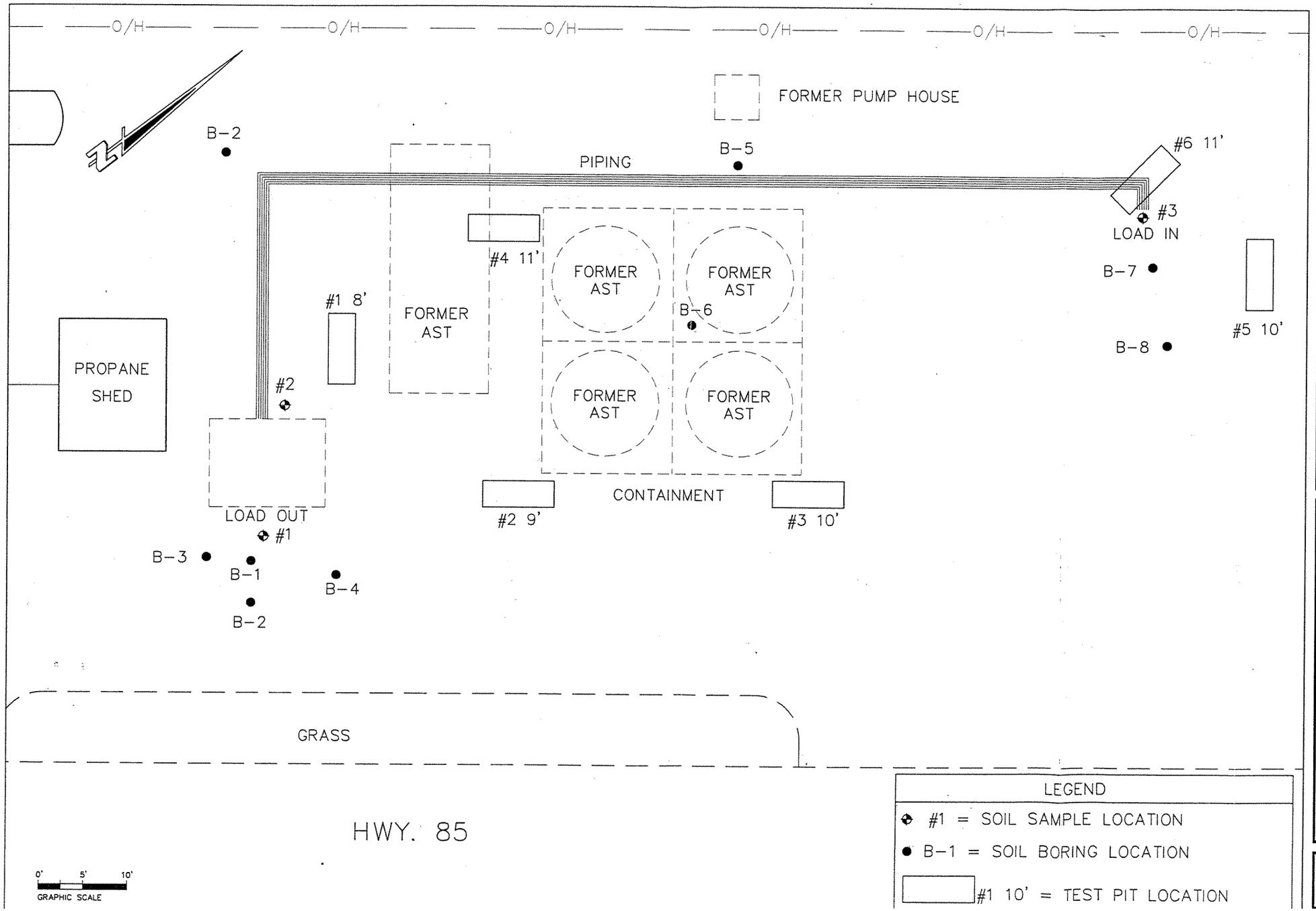
DRAWN BY	SITE LOCATION MAP	CHECKED BY
USGS		TAG
DATE	Durand Bulk AST	JOB NO.
05/92	Countryside Cooperative	1659-37
REVISED BY	W5862 STH 85	FIGURE
TAG	Durand, WI	2
SCALE		
1" : 146'		



JOB NO. 1659-037
BOOK NO. –
DRAWN BY TAG
CHECKED BY –
DATE FEBRUARY 2002
REVISIONS
REFERENCE FILE –
DRAWING FILE C1659037_BASE.dwg

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604 Wilson Avenue
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COUNTRYSIDE COOPERATIVE
SITE DETAIL MAP
DURAND, WI

SHEET NO.
FIGURE 3

N:\PROJ\C1659037\dwg\C0037base.dwg 5/26/2004 5:47:15 PM CDT

TABLE #2

SITE ASSESSMENT, SOIL BORINGS, AND TEST PIT SOIL SAMPLE ANALYTICAL RESULTS

COUNTRYSIDE COOPERATIVE / DURAND BULK AST FACILITY

DURAND, WISCONSIN

					GRO	DRO	Lead	Results reported in ug/Kg								
					mg/Kg	mg/Kg	mg/kg	Benzene	E - Benzene	1,2-DCA	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Xylenes
Wis Adm. Code NR720, Table 1 & 2, Residual Contaminant Levels					100-250	100-250	50-500	5.5	2,900	5	NS	NS	1,500	NS	NS	4,100
Wis Adm. Code NR746.06 Table 1, Residual Petroleum Product					NS	NS	NS	8,500	4,600	600	NS	2,700	38,000	83,000	11,000	42,000
Wis Adm. Code NR746.06 Table 2, Direct Contact					NS	NS	NS	1,100	NS	540	NS	NS	NS	NS	NS	NS
SAMPLE POINT	**Sample Depth**	**Sample Date**	**Laboratory ID**	**FID/PID (IU)**												
SITE ASSESSMENT DATA																
#1	0.5'	10/03/2001	454552	NA	**545**	**20,300**	**118**	<662	<662	NA	<662	NA	<662	1,820	<662	<2,030
#2	1'	10/03/2001	454553	NA	<5.7	**391**	28	<29	<29	NA	<29	NA	<29	<29	<29	<86
#3	1'	10/03/2001	454554	NA	**1,170**	**11,700**	8	<266	<266	NA	<266	NA	<266	7,980	**34,000**	<798
SOIL BORING DATA																
B-1	2'-4'	07/16/2002	489969	NA	<5.3	<5.3	<4.2	<26	<26	NA	<26	NA	<26	<26	<26	<79
B-1	6'-8'	07/16/2002	489970	NA	<5.2	<5.2	NA	<26	<26	NA	<26	NA	<26	<26	<26	<77
B-1	14'-16'	07/16/2002	489971	NA	<5.1	<5.1	<4.1	<26	<26	NA	<26	NA	<26	<26	<26	<77
B-2	2'-4'	07/16/2002	489972	NA	<5.2	<5.2	<4.2	<26	<26	NA	<26	NA	<26	<26	<26	<78
B-2	14'-16'	07/16/2002	489973	NA	<5.1	<5.1	<4.1	<26	<26	NA	<26	NA	<26	<26	<26	<77
B-3	2'-4'	07/16/2002	489974	NA	<5.3	<5.3	<4.2	<26	<26	NA	<26	NA	<26	<26	<26	<79
B-3	14'-16'	07/16/2002	489975	NA	<5.2	<5.2	<4.1	<26	<26	NA	<26	NA	<26	<26	<26	<78
B-4	2'-4'	07/16/2002	489976	NA	<5.2	<5.2	<4.2	<26	<26	NA	<26	NA	<26	<26	<26	<78
B-4	14'-16'	07/16/2002	489977	NA	<5.2	<5.2	<4.1	<26	<26	NA	<26	NA	<26	<26	<26	<78
B-5	2'-4'	07/16/2002	489978	NA	<5.2	7.1	5	<26	<26	NA	<26	NA	<26	<26	<26	<79
B-5	14'-16'	07/16/2002	489979	NA	<5.2	<5.2	<4.2	<26	<26	NA	<26	NA	<26	<26	<26	<79
B-6	2'-4'	07/16/2002	489980	NA	<5.3	<5.3	<4.2	<26	<26	NA	<26	NA	<26	<26	<26	<79
B-6	14'-16'	07/16/2002	489981	NA	<5.2	<5.2	<4.1	<26	<26	NA	<26	NA	<26	<26	<26	<78
B-7	2'-4'	07/16/2002	489982	NA	<5.3	**189**	5	<26	<26	NA	<26	NA	<26	57	29	<79
B-7	6'-7'	07/16/2002	489983	NA	<5.2	**125**	<4.2	<26	<26	NA	<26	NA	<26	<26	<26	<78
B-7	18'-20'	07/16/2002	489984	NA	<5.3	**137**	<4.2	<26	<26	NA	<26	NA	<26	<26	<26	<79
B-7	22'-24'	07/16/2002	489985	NA	<5.6	<5.6	<4.5	<28	<28	NA	<28	NA	<28	<28	<28	<84
B-8	2'-4'	07/16/2002	489986	NA	<5.1	24	<4.1	<26	<26	NA	<26	NA	<26	<26	<26	<77
B-8	6'-8'	07/16/2002	489987	NA	<5.3	<5.3	NA	<27	<27	NA	<27	NA	<27	<27	<27	<80
B-8	22'-24'	07/16/2002	489988	NA	<5.3	<5.3	<4.3	<27	<27	NA	<27	NA	<27	<27	<27	<80
TEST PIT DATA																
#1	8'	05/14/2003	524487	0	10	**201**	NA	<27	<27	NA	<27	NA	<27	<27	<27	<80
#2	3'	05/14/2003	524488	0	<5.3	<5.3	NA	<26	<26	NA	<26	NA	<26	<26	<26	<79
#2	9'	05/14/2003	524489	0	<5.3	<5.3	NA	<26	<26	NA	<26	NA	<26	<26	<26	<79
#3	10'	05/14/2003	524490	0	<5.6	<5.6	NA	<28	<28	NA	<28	NA	<28	<28	<28	<84
#4	4'	05/14/2003	524491	0	<5.2	**102**	NA	<26	<26	NA	<26	NA	<26	<26	<26	<78
#4	11'	05/14/2003	524492	0	<5.3	<5.3	NA	<26	<26	NA	<26	NA	<26	<26	<26	<78
#5	10'	05/14/2003	524493	0	<5.2	6	NA	<26	<26	NA	<26	NA	<26	<26	<26	<78
#6	3'	05/14/2003	524494	0	<5.3	<5.3	NA	<27	<27	NA	<27	NA	<27	33	<27	<80
#6	11'	05/14/2003	524495	0	12	10	NA	<27	<27	NA	<27	NA	<27	212	<27	<80

MTBE = Methyl tert butyl ether
TMB = Trimethylbenzene
E-Benzene = Ethylbenzene
1,2-DCA = 1,2 Dichloroethane
Values in Bold Typeface exceed listed table value.

ug/Kg= micrograms per kilogram = ppb = parts per billion
mg/Kg= milligrams per kilogram = ppm = parts per million
IU = Instrument Units
NA = Not Analyzed
NS = No Standard Established

TABLE 3
PAH SOIL BORING SOIL SAMPLE ANALYTICAL RESULTS
COUNTRYSIDE COOPERATIVE / DURAND BULK AST FACILITY
DURAND, WISCONSIN

Compound	Units of Measure	Generic RCL's in ug/kg			Location	B-1	B-1	B-2	B-2	B-3	B-3	B-4	B-4	B-5	B-5	B-6	B-6	B-7	B-7	B-8	B-8
			Direct Contact Pathway		Laboratory ID	489969	489971	489972	489973	489974	489975	489976	489977	489978	489979	489980	489981	489982	489985	489986	489988
		Groundwater Pathway	Non Industrial	Industrial	Sample date	07/16/2002	07/16/2002	07/16/2002	07/16/2002	07/16/2002	07/16/2002	07/16/2002	07/16/2002	07/16/2002	07/16/2002	07/16/2002	07/16/2002	07/16/2002	07/16/2002	07/16/2002	07/16/2002
					Sample Depth	2'-4'	14'-16'	2'-4'	14'-16'	2'-4'	14'-16'	2'-4'	14'-16'	2'-4'	14'-16'	2'-4'	14'-16'	2'-4'	22'-24'	2'-4'	22'-24'
PAH's				NOT APPLICABLE																	
ACENAPHTHENE	ug/kg	38,000	900,000			<53	<51	<52	<51	<53	<52	<52	<52	<52	<52	<53	<52	<53	<56	<51	<53
ACENAPHTHYLENE	ug/kg	700	18,000			<89	<87	<89	<87	<89	<88	<89	<88	<89	<89	<90	<88	<89	<95	<87	<91
ANTHRACENE	ug/kg	3,000,000	5,000,000			<5.3	<5.1	<5.2	<5.1	<5.3	<5.2	<5.2	<5.2	<5.2	<5.2	<5.3	<5.2	<5.3	<5.6	<5.1	<5.3
BENZO (a) ANTHRACENE	ug/kg	17,000	88			<5.3	<5.1	<5.2	<5.1	<5.3	<5.2	<5.2	<5.2	<5.2	<5.2	<5.3	<5.2	<5.3	<5.6	<5.1	<5.3
BENZO (b) FLUORANTHENE	ug/kg	360,000	88			<5.3	<5.1	<5.2	<5.1	<5.3	<5.2	<5.2	<5.2	<5.2	<5.2	<5.3	<5.2	<5.3	<5.6	<5.1	<5.3
BENZO (k) FLUORANTHENE	ug/kg	870,000	880			<5.3	<5.1	<5.2	<5.1	<5.3	<5.2	<5.2	<5.2	<5.2	<5.2	<5.3	<5.2	<5.3	<5.6	<5.1	<5.3
BENZO (a) PYRENE	ug/kg	48,000	8.8			<42	<41	<42	<41	<42	<41	<42	<41	<42	<42	<42	<41	<42	<45	<41	<43
BENZO (ghi) PERYLENE	ug/kg	6,800,000	1,800			<42	<41	<42	<41	<42	<41	<42	<41	<42	<42	<42	<41	<42	<45	<41	<43
CHRYSENE	ug/kg	37,000	8,800			<5.3	<5.1	<5.2	<5.1	<5.3	<5.2	<5.2	<5.2	<5.2	<5.2	<5.3	<5.2	<5.3	<5.6	<5.1	<5.3
DIBENZO (a,h) ANTHRACENE	ug/kg	38,000	8.8			<7.9	<7.7	<7.8	<7.7	<7.9	<7.8	<7.8	<7.8	<7.9	<7.9	<7.9	<7.8	<7.9	<8.4	<7.7	<8.0
FLUORANTHENE	ug/kg	500,000	600,000			<11	<10	<10	<10	<11	<10	<10	<10	<10	<10	<11	<10	<11	<11	<10	<11
FLUORENE	ug/kg	100,000	600,000			<11	<10	<10	<10	<11	<10	<10	<10	<10	<10	<11	<10	<11	<11	<10	<11
INDENO (1,2,3-cd) PYRENE	ug/kg	680,000	88			<5.3	<5.1	<5.2	<5.1	<5.3	<5.2	<5.2	<5.2	<5.2	<5.2	<5.3	<5.2	<5.3	<5.6	<5.1	<5.3
1-METHYLNAPHTHALENE	ug/kg	23,000	1,100,000			<32	<31	<31	<31	<32	<31	<31	<31	<31	<31	<32	<31	<32	<33	<31	<32
2-METHYLNAPHTHALENE	ug/kg	20,000	600,000			<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<28	<26	<27
NAPHTHALENE	ug/kg	400	20,000			<32	<31	64	<31	<32	<31	<31	<31	<31	<31	<32	<31	<32	<33	<31	<32
PHENANTHRENE	ug/kg	1,800	18,000			<5.3	<5.1	<5.2	16	<5.3	<5.2	<5.2	<5.2	<5.2	<5.2	<5.3	<5.2	<5.3	<5.6	<5.1	<5.3
PYRENE	ug/kg	8,700,000	500,000			<5.3	<5.1	<5.2	<5.1	<5.3	<5.2	<5.2	<5.2	<5.2	<5.2	<5.3	<5.2	<5.3	<5.6	<5.1	<5.3

ug/kg = micrograms per Kilogram (ppb - parts per billion)
PAH = Polynuclear Aromatic Hydrocarbons

RCL'S = Suggested Generic Residual Contaminant Levels
RCL'S are from the 1997 DNR Publication RR-519-97

TABLE 4
PAH TEST PIT SOIL SAMPLE ANALYTICAL RESULTS
COUNTRYSIDE COOPERATIVE/DURAND BULK AST FACILITY
DURAND, WISCONSIN

Compound	Units of Measure	Generic RCL's in ug/kg			Location	#1	#2	#3	#4	#6
			Direct Contact Pathway		Laboratory ID	524487	524488	524490	524492	524494
		Groundwater Pathway	Non Industrial	Industrial	Sample date	05/14/2003	05/14/2003	05/14/2003	05/14/2003	05/14/2003
					Sample Depth	8'	3'	10'	11'	3'
PAH's				NOT APPLICABLE						
ACENAPHTHENE	ug/kg	38,000	900,000			<53	<53	<56	<53	<53
ACENAPHTHYLENE	ug/kg	700	18,000			<90	<90	<95	<90	<90
ANTHRACENE	ug/kg	3,000,000	5,000,000			<5.3	<5.3	<5.6	<5.3	<5.3
BENZO (a) ANTHRACENE	ug/kg	17,000	88			<5.3	<5.3	<5.6	<5.3	<5.3
BENZO (b) FLUORANTHENE	ug/kg	360,000	88			<5.3	<5.3	<5.6	<5.3	<5.3
BENZO (k) FLUORANTHENE	ug/kg	870,000	880			<5.3	<5.3	<5.6	<5.3	<5.3
BENZO (a) PYRENE	ug/kg	48,000	8.8			<5.3	<5.3	<5.6	<5.3	<5.3
BENZO (ghi) PERYLENE	ug/kg	6,800,000	1,800			<5.3	<5.3	<5.6	<5.3	<5.3
CHRYSENE	ug/kg	37,000	8,800			<5.3	<5.3	<5.6	<5.3	<5.3
DIBENZO (a,h) ANTHRACENE	ug/kg	38,000	8.8			<8.0	<7.9	<8.4	<7.9	<8.0
FLUORANTHENE	ug/kg	500,000	600,000			<11	<11	<11	<11	<11
FLUORENE	ug/kg	100,000	600,000			<11	<11	<11	<11	<11
INDENO (1,2,3-cd) PYRENE	ug/kg	680,000	88			<5.3	<5.3	<5.6	<5.3	<5.3
NAPHTHALENE	ug/kg	23,000	1,100,000			<32	<32	<33	<32	<32
1-METHYLNAPHTHALENE	ug/kg	20,000	600,000			<27	<26	<28	<26	<27
2-METHYLNAPHTHALENE	ug/kg	400	20,000			<32	<32	<33	<32	<32
PHENANTHRENE	ug/kg	1,800	18,000			<5.3	<5.3	<5.6	<5.3	<5.3
PYRENE	ug/kg	8,700,000	500,000			<5.3	<5.3	<5.6	<5.3	<5.3

ug/kg = micrograms per Kilogram (ppb - parts per billion)
PAH = Polynuclear Aromatic Hydrocarbons

RCL'S = Suggested Generic Residual Contaminant Levels
RCL'S are from the 1997 DNR Publication RR-519-97

TABLE #5

POST EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS

COUNTRYSIDE COOPERATIVE / DURAND BULK AST FACILITY

DURAND, WISCONSIN

					GRO	DRO	Results reported in ug/Kg								
					mg/Kg	mg/Kg	Benzene	E - Benzene	1,2-DCA	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Xylenes
Wis Adm. Code NR720, Table 1 & 2, Residual Contaminant Levels					100-250	100-250	5.5	2,900	5	NS	NS	1,500	NS	NS	4,100
Wis Adm. Code NR746.06 Table 1, Residual Petroleum Product					NS	NS	8,500	4,600	600	NS	2,700	38,000	83,000	11,000	42,000
Wis Adm. Code NR746.06 Table 2, Direct Contact					NS	NS	1,100	NS	540	NS	NS	NS	NS	NS	NS
SAMPLE POINT	**Sample Depth**	**Sample Date**	**Laboratory ID**	**FID/PID (IU)**											
SOIL BORING DATA															
S-1	6'	12/03/2003	551271		<5.3	**117**	<27	<27	NA	<27	NA	<27	<27	<27	<80
S-2	12'	12/03/2003	551272		<5.2	<5.2	<26	<26	NA	<26	NA	<26	<26	<26	<79
S-3	4'	12/03/2003	551273		<5.2	<5.2	<26	<26	NA	<26	NA	<26	<26	<26	<79
S-3	12'	12/03/2003	551274		<5.3	<5.3	<26	<26	NA	<26	NA	<26	<26	<26	<79
S-4	12'	12/03/2003	551275		<5.1	**1030**	<26	<26	NA	<26	NA	<26	<26	<26	<77
S-4	4'	12/03/2003	551276		<5.1	**267**	<26	<26	NA	<26	NA	<26	<26	<26	<77
S-5	4'	12/03/2003	551277		<5.2	17	<26	<26	NA	<26	NA	<26	<26	<26	<77
S-6	8'	12/03/2003	551278		<5.2	20	<26	<26	NA	<26	NA	<26	<26	<26	<78
S-7	8'	12/03/2003	551279		<5.1	<5.1	<26	<26	NA	<26	NA	<26	<26	<26	<77
S-8	8'	12/05/2003	551642		<5.2	**124**	<26	<26	NA	<26	NA	<26	<26	<26	<78
S-9	12'	12/05/2003	551643		<5.2	<5.2	<26	<26	NA	<26	NA	<26	<26	<26	<78
S-10	14'	12/05/2003	551644		<5.2	<5.2	<26	<26	NA	<26	NA	<26	<26	<26	<78
S-11	15'	12/05/2003	661645		<5.2	<5.2	<26	<26	NA	<26	NA	<26	<26	<26	<78
S-12	15'	12/05/2003	551646		<5.1	<5.1	<26	<26	NA	<26	NA	<26	<26	<26	<77
S-13	18'	12/05/2003	551647		<5.1	<5.1	<26	<26	NA	<26	NA	<26	<26	<26	<77

MTBE = Methyl tert butyl ether
TMB = Trimethylbenzene
E-Benzene = Ethylbenzene
1,2-DCA = 1,2 Dichloroethane
Values in Bold Typeface exceed listed table value.

ug/Kg= micrograms per kilogram = ppb = parts per billion
mg/Kg= milligrams per kilogram = ppm = parts per million
IU = Instrument Units
NA = Not Analyzed
NS = No Standard Established

TABLE 6
DURAND BULK AST FACILITY
PRE REMEDIATION SOIL CONTAMINANT MASS CALCULATION

Procedure:

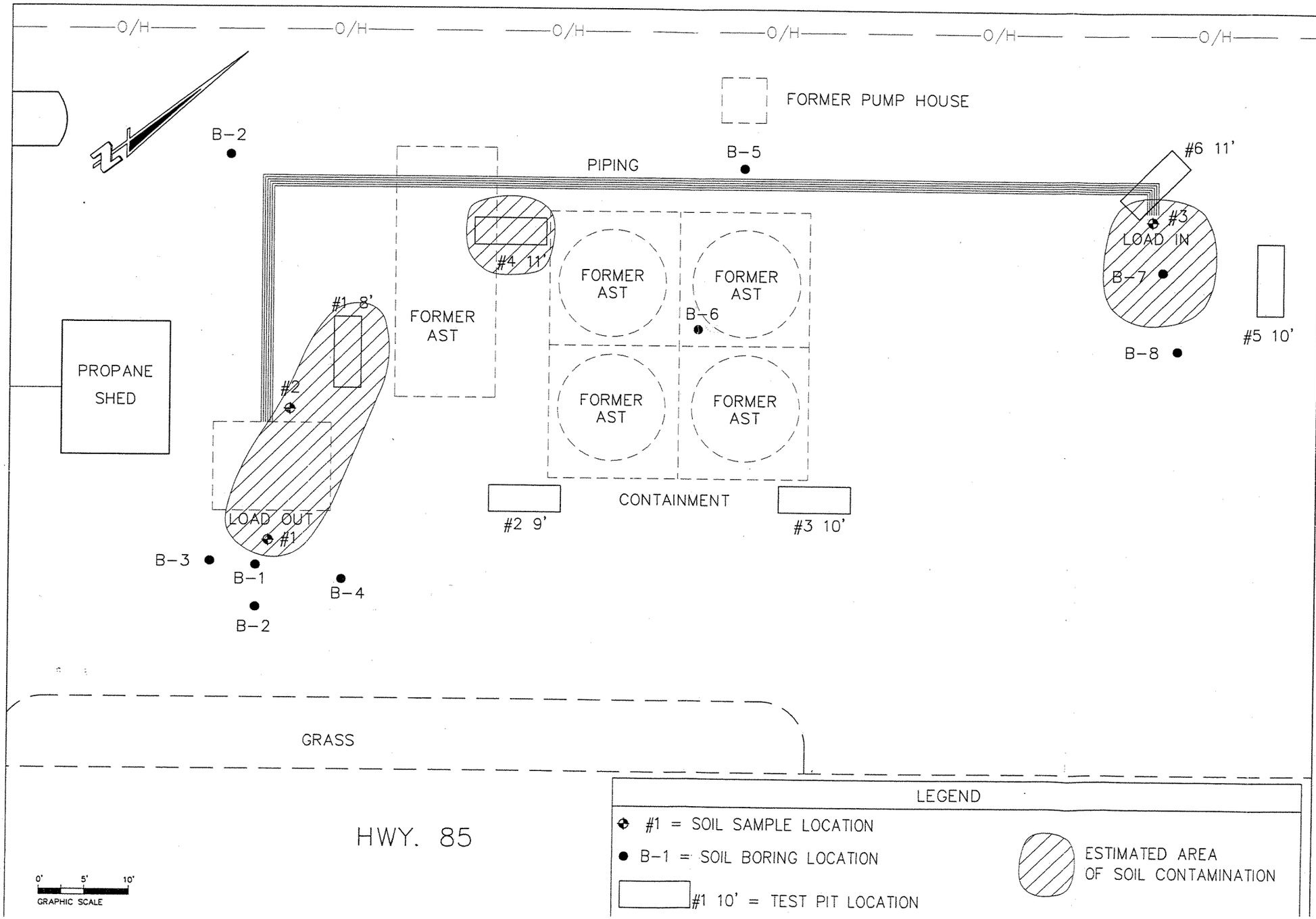
1) Break the contaminated area into various segments for calculation. Enter area and thickness of each segment in spreadsheet A.
2) Determine the various BETX concentrations in mg/kg of the contaminated soil in these various segments and enter into spreadsheet A.
3) The calculation uses a constant to convert from cubic feet to pounds and mg/kg to % [(2800/27)*(1/1,000,000)].
4) Data entered into spreadsheet A will result in calculations appearing in Spreadsheet B.
5) No data entry in Spreadsheet B is required.

constant = 0.000104

Contaminant Mass = Area * Thickness * Constant * Concentration

A	SEGMENT	1	2	3	4
	units				
AREA	sq. feet	880	400	625	
THICKNESS	feet	7	4	18	
GRO	mg/kg	275	5.2	297	
DRO	mg/kg	10,345	102	3,038	

B	CONTAMINANT MASS (pounds) BY SEGMENT				TOTAL MASS by SPECIES (pounds)
CONTAMINANT SPECIES	1	2	3	4	
GRO	176	1	347	0	523
DRO	6,609	17	3,544	0	10,170
		SOIL DRO/GRO CONTAMINANT MASS			**10,693**



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SITE CONTAMINATION MAP

DURAND, WI

SHEET NO.

FIGURE 4

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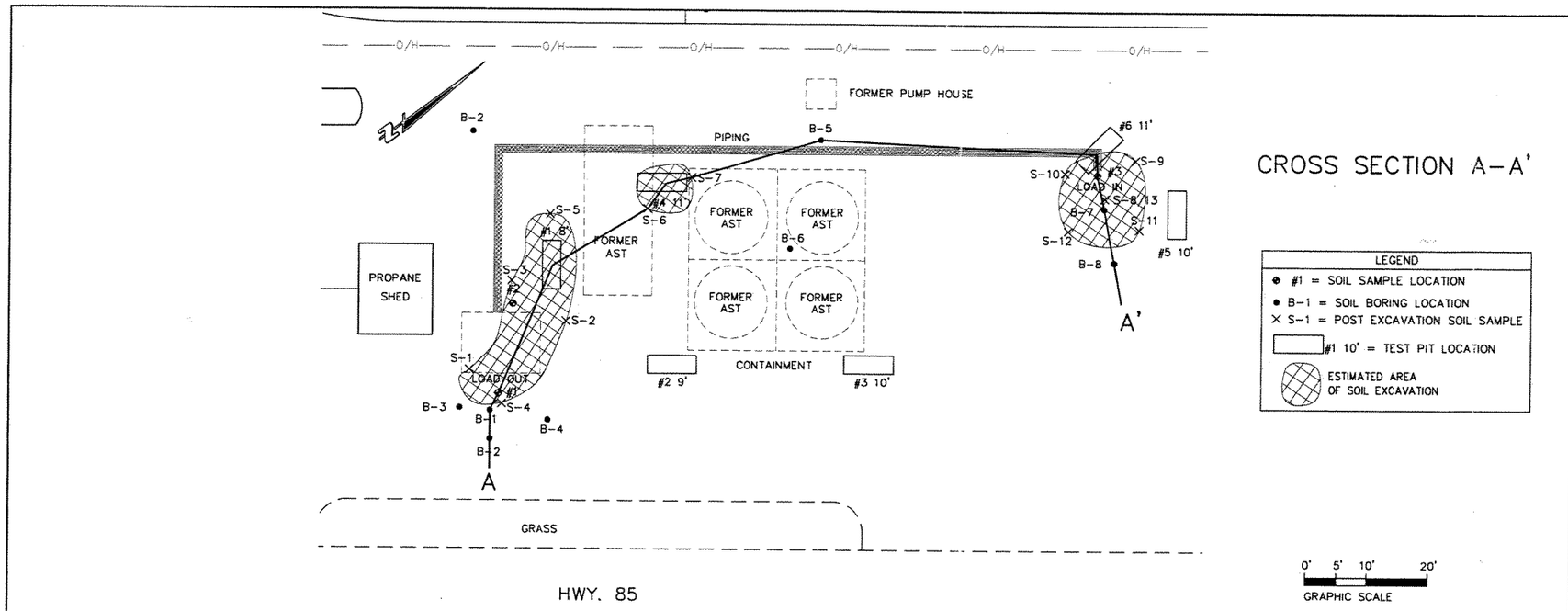


CROSS SECTION A–A'

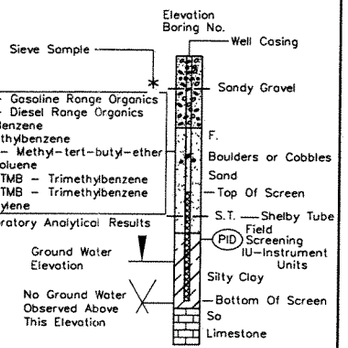
LEGEND
#1 = SOIL SAMPLE LOCATION
B–1 = SOIL BORING LOCATION
S–1 = POST EXCAVATION SOIL SAMPLE
#1 10' = TEST PIT LOCATION
ESTIMATED AREA OF SOIL EXCAVATION

0' 5' 10' 20'
GRAPHIC SCALE

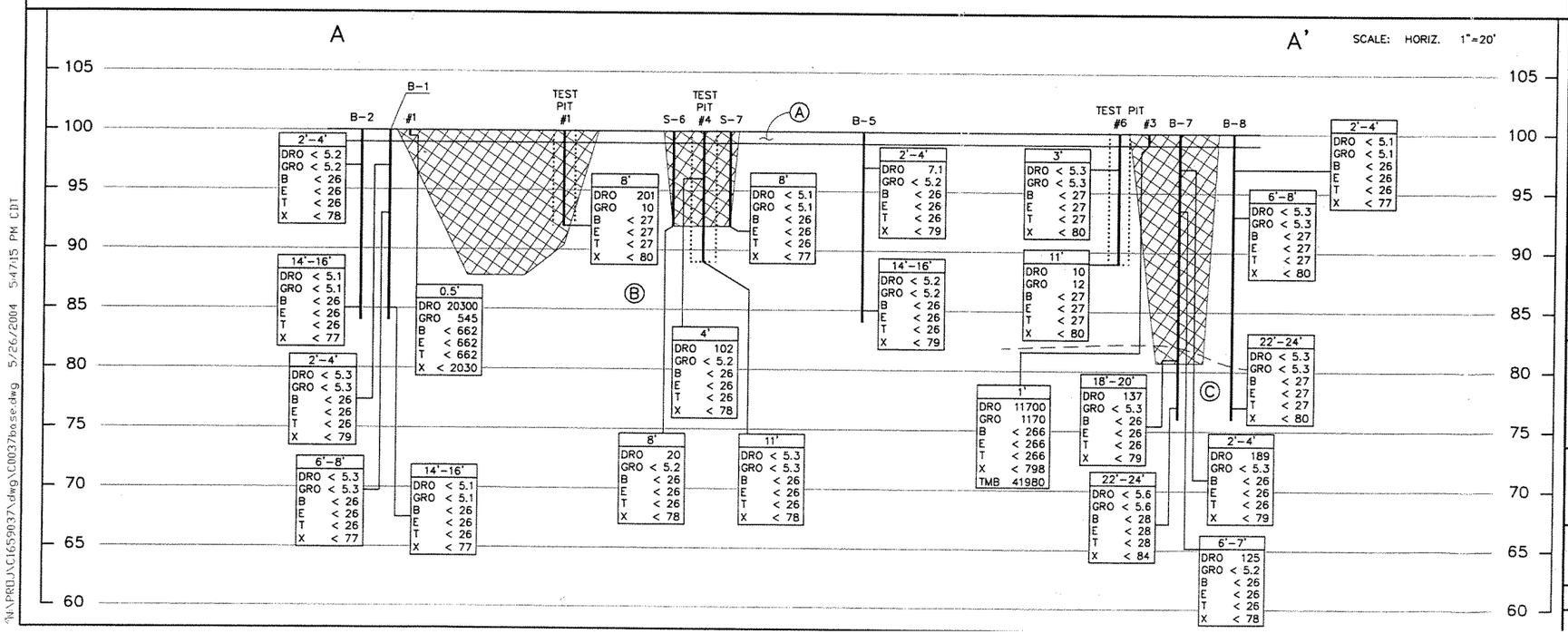
ABBREVIATIONS
F---Fine M---Medium C---Coarse
Ws---Weathered So---Sound

MATERIAL SYMBOLS
Topsoil, Silt, Sandstone, Sand, Peat, Limestone, Gravel, Clay, Igneous Rock

LEGEND OF BORING



NA = Not Analyzed
* GRO And DRO Laboratory Results Reported In PPM
All Other Laboratory Results Reported In PPB



GEOLOGIC LEGEND

Ⓐ – GRAVEL

Ⓑ – SAND: MED-COURSE GRN, BROWN

Ⓒ – SAND: FINE GRN, BROWN

NO GROUND WATER OR BEDROCK ENCOUNTERED

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CROSS SECTION A–A'
FIGURE 5

Drawn By	TAG/PKF	Plans Checked	SEM
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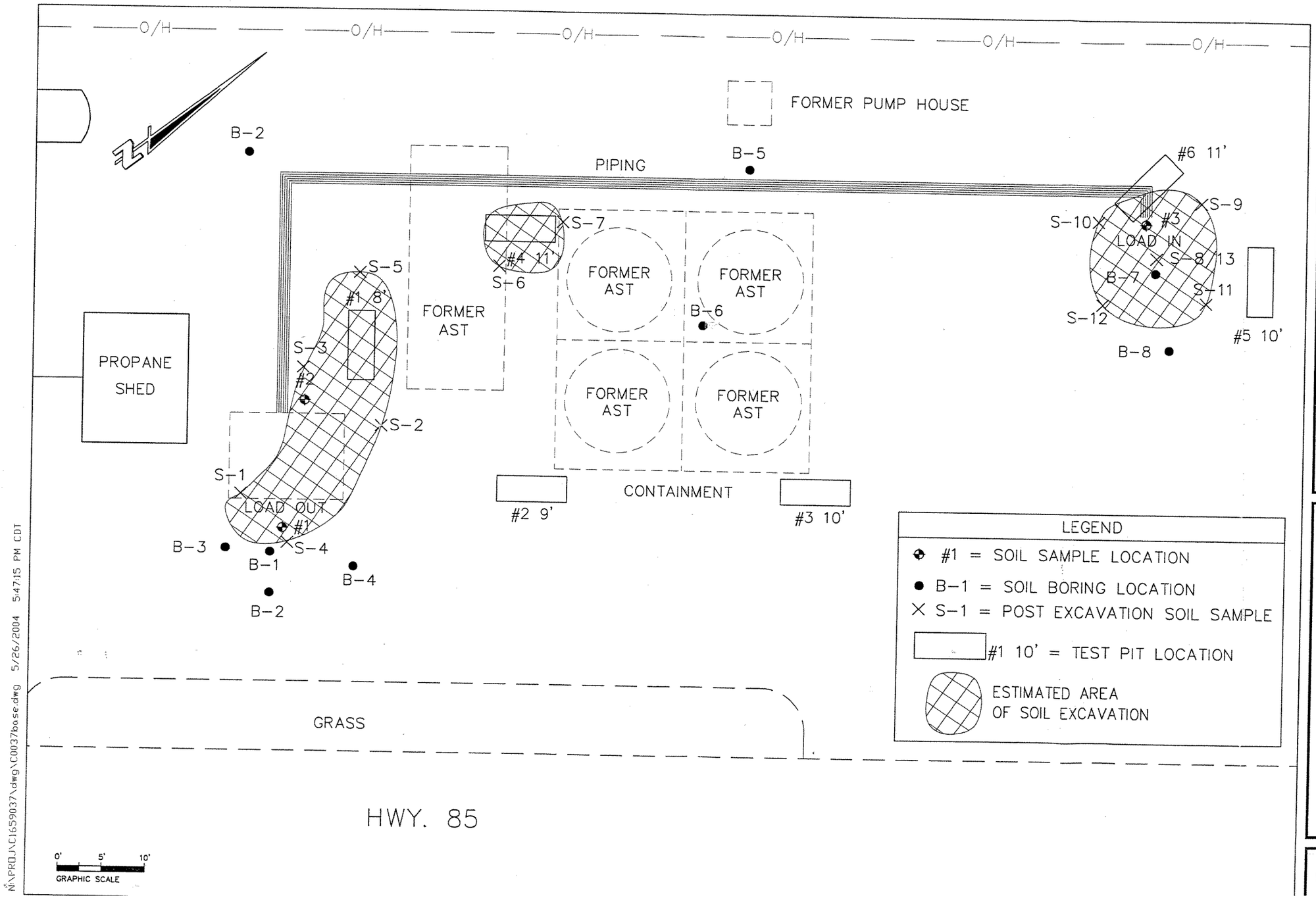

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COUNTRYSIDE COOPERATIVE
SITE EXCAVATION MAP
DURAND, WI

SHEET NO.
FIGURE 6

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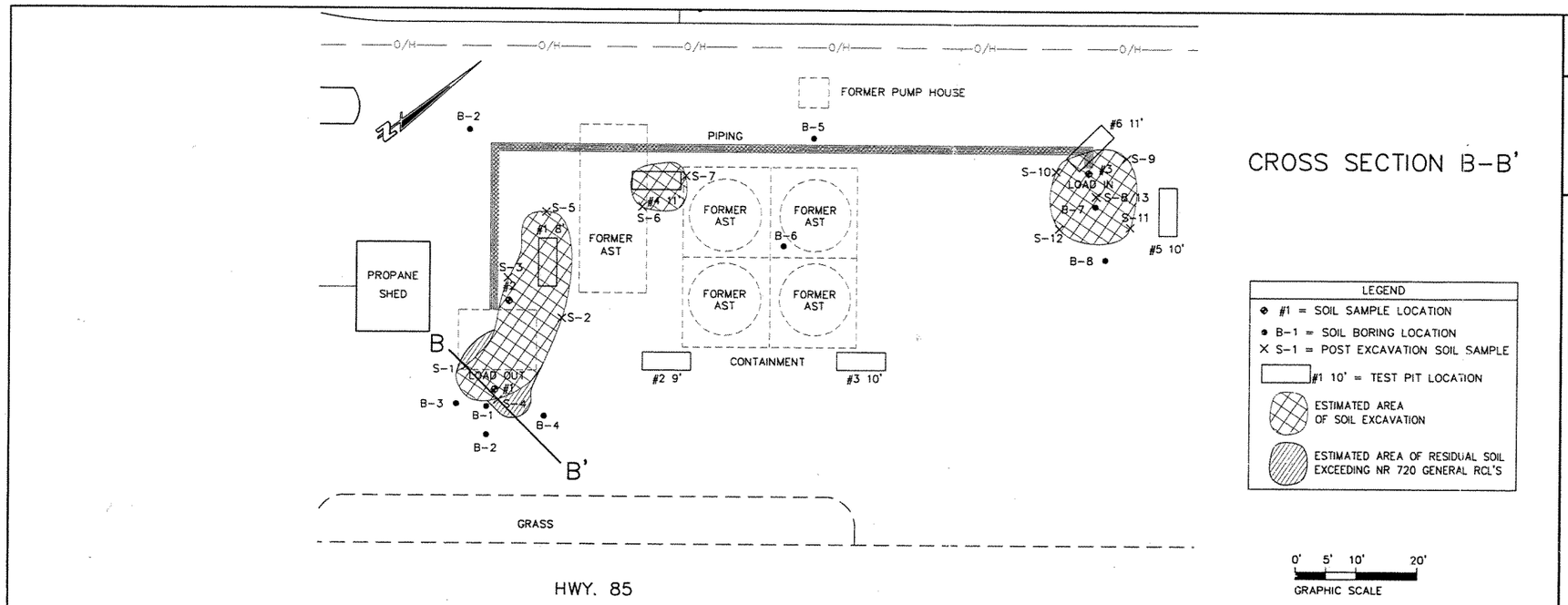


CROSS SECTION B-B'

LEGEND

- #1 = SOIL SAMPLE LOCATION
- B-1 = SOIL BORING LOCATION
- S-1 = POST EXCAVATION SOIL SAMPLE
- #1 10' = TEST PIT LOCATION
- ESTIMATED AREA OF SOIL EXCAVATION
- ESTIMATED AREA OF RESIDUAL SOIL EXCEEDING NR 720 GENERAL RCL'S

0' 5' 10' 20'
GRAPHIC SCALE

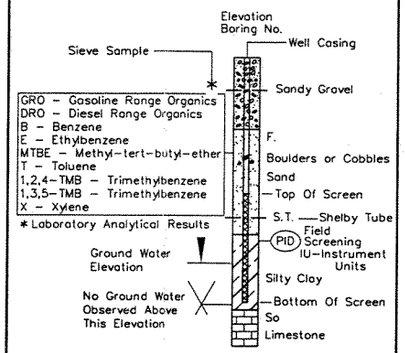
ABBREVIATIONS

F---Fine M---Medium C---Coarse
Ws---Weathered So---Sound

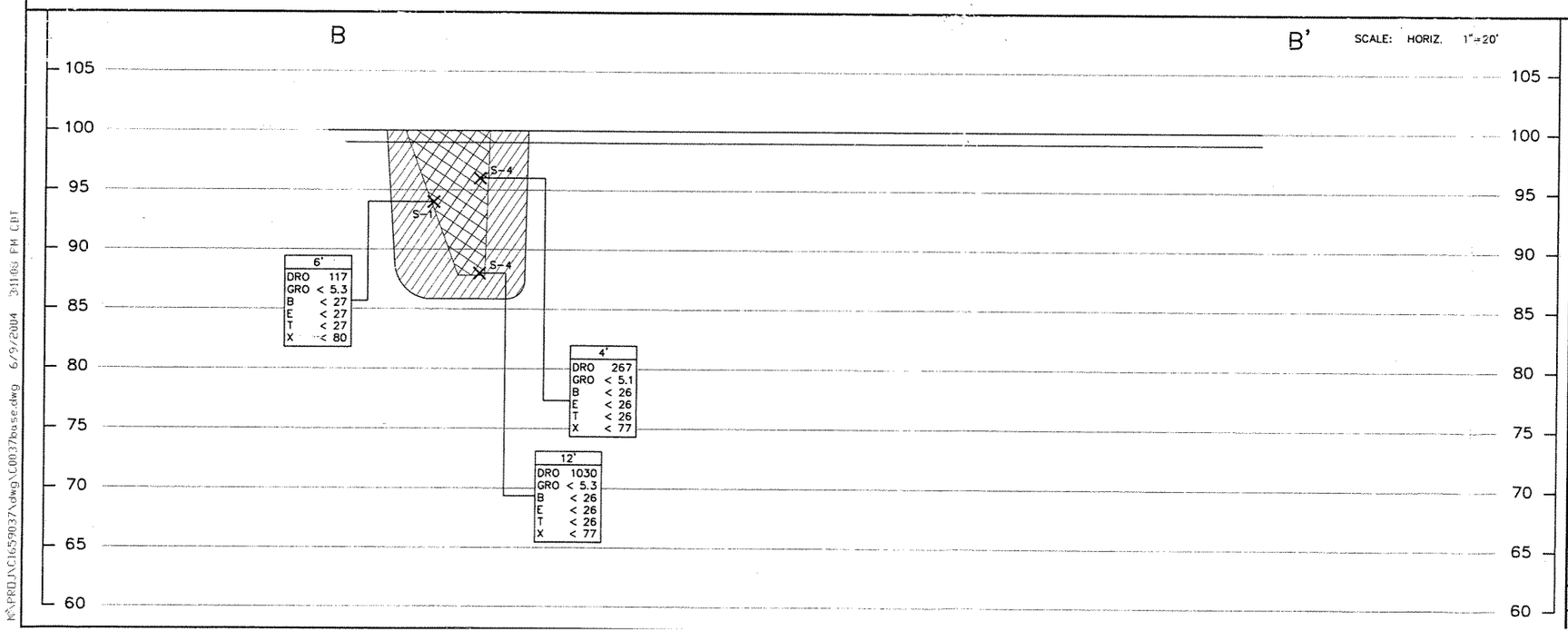
MATERIAL SYMBOLS

Topsoil, Silt, Sandstone, Sand, Peat, Limestone, Gravel, Clay, Igneous Rock

LEGEND OF BORING



NA = Not Analyzed
* GRO And DRO Laboratory Results Reported In PPM
All Other Laboratory Results Reported In PPB



GEOLOGIC LEGEND

Ⓐ - GRAVEL

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CROSS SECTION B-B'
FIGURE 7

Drawn By	TAG/PKF	Plans Checked	SEM
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I, George Rude, duly authorized agent of Countryside Cooperative, in accordance with Ch. 292, Wis. Stats. and Ch. NR726 Wis. Adm. Code, certify the correct legal description for the property located at W5862 Highway 85, in the Town of Durand, Pepin County, Wisconsin, is accurately described in that deed recorded in Volume 29 of Records at Page 647, as Document N. 62204, a copy of which is attached as Exhibit 1.

COUNTRYSIDE COOPERATIVE

By: George W. Rude - Mgr.

George Rude