GIS REGISTRY INFORMATION

SITE NAME:	Harmony Coop		
BRRTS #:	02-37-000279	**FID # (if appropriate):**	
COMMERCE # (if appropriate):			
CLOSURE DATE:	09-Sep-04		
STREET ADDRESS:	Intersection of CTH P and Lincoln Avenue		
CITY:	Town of Eau Pleine		
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X=** 504330	**Y=** 486437	

CONTAMINATED MEDIA: Groundwater [ ] Soil [X] Both [ ]

CONTAMINATION IN RIGHT OF WAY: [X] Yes [ ] No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued	X
Copy of most recent deed, including legal description, for all affected properties	NA
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	NA
County Parcel ID number, *if used for county*, for all affected properties	NA
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	X
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	NA
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	X
Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	NA
GW: Table of water level elevations, with sampling dates, and free product noted if present	NA
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	NA
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	X
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	NA
RP certified statement that legal descriptions are complete and accurate	NA
Copies of off-source notification letters (if applicable)	NA
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	X
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	NA

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Scott Humrickhouse, Regional Director

Wausau Office
5301 Rib Mountain Drive
Wausau, Wisconsin 54401
Telephone 715-359-4522
FAX 715-355-5253

September 13, 2004

BRRTS #02-37-000279

FILE COPY

MR GREG GERADS
HARMONY COUNTRY COOPERATIVE
PO BOX 407
COLBY WI 54421

Subject: Final Case Closure, Harmony Country Coop Cargo Spill, North of the Intersection of CTH P and Lincoln Avenue, Town of Eau Pleine, Wisconsin

Dear Mr. Gerards:

On September 9, 2004 the Department of Natural Resources reviewed your site for closure. The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. Based on the information provided, it appears that your case meets the requirements of ch. NR 726.05, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation 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://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

Please be aware that the 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.

I appreciate the efforts you have taken to restore the environment at this site. If you have any questions regarding this letter, please contact me at (715) 359-6514.

Sincerely,

Lisa Gutknecht

Lisa Gutknecht
Remediation & Redevelopment Program

c: Bill Evans, Eau Claire
Heather Kreul, MSA

LITTLE ROSE, WIS.
SW/4 STRATFORD 15' QUADRANGLE
N4445-W9007.5/7.5

1981

DMA 2973 I SW-SERIES V861

LEGEND

○ SPILL LOCATION

⊡ PRIVATE RESIDENCES

N

FIGURE 5
PRIVATE RESIDENCE LOCATIONS

CENTRAL WISCONSIN ENGINEERS, INC.

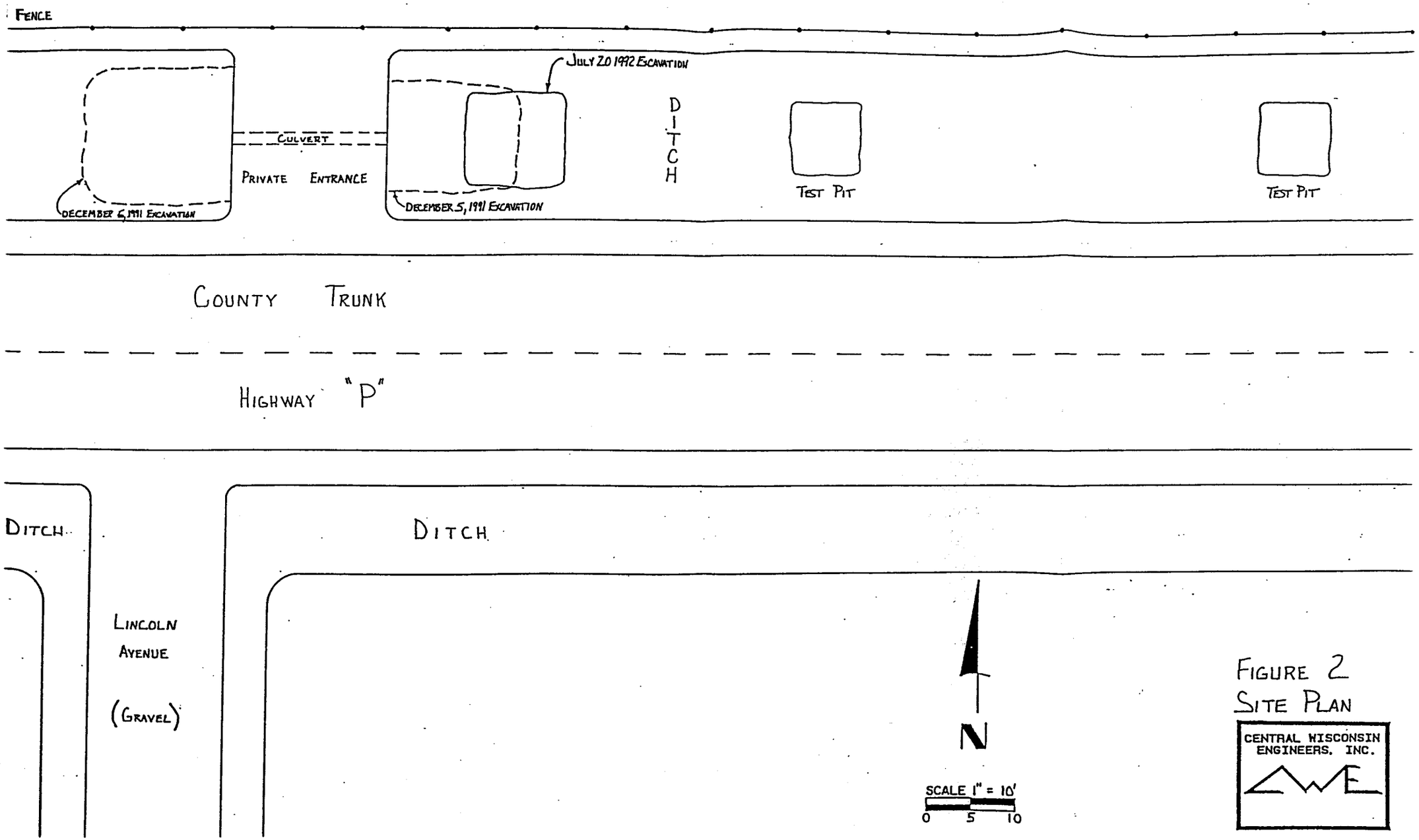


FIGURE 2
SITE PLAN

CENTRAL WISCONSIN ENGINEERS, INC.

Table 3

Soil Sample Laboratory Results – Excavation

mple #	Depth	Location	Benzene	Ethyl benzene	Toluene	Total Xylenes	MTBE	1,2,4-Trim-ethyl benzene	1,3,5-Trim-ethyl benzene	Diesel Range Organics
l	-3.5	3' east of east end of culvert	ND	ND	0. 12	ND	ND	0. 31	0. 12	ND
2	-1.0	20' east of east end of culvert	ND	ND	0.0015	ND	ND	ND	ND	ND
3	-4.5	2' west of west end of culvert	ND	ND	0.28	2.20	ND	3.40	0.710	1200
4	-1.0	15' east of east end of culvert	ND	ND	0.14	0.61	ND	1.20	0.28	600
		NR720 RCLs	0.0055	2.9	1.5	4.1	--	--	--	100

alue in parts-per-million (ppm).
D - None Detected

:e Figure 4 for sample locations.

Table 2

Soil Sample Laboratory Results – Excavation and Test Pits

Sample #	Depth	Location	Benzene	Ethyl benzene	Toluene	Total Xylenes	MTBE	1,2,4-Trim-ethyl benzene	1,3,5-Trim-ethyl benzene	Diesel Range Organics
5	-4.0	15' east of east end of culvert	ND	0.047	ND	0.12	ND	0.23	0.37	950
6	-3.0	46' east of east end of culvert	ND	ND	ND	ND	ND	ND	ND	ND
7	-3.0	Duplicate of #6	ND	ND	ND	ND	ND	ND	ND	ND
8	-2.5	100' east of east end of culvert	ND	ND	ND	ND	ND	ND	ND	ND

Units in parts-per-million (ppm)
ND = Not Detected

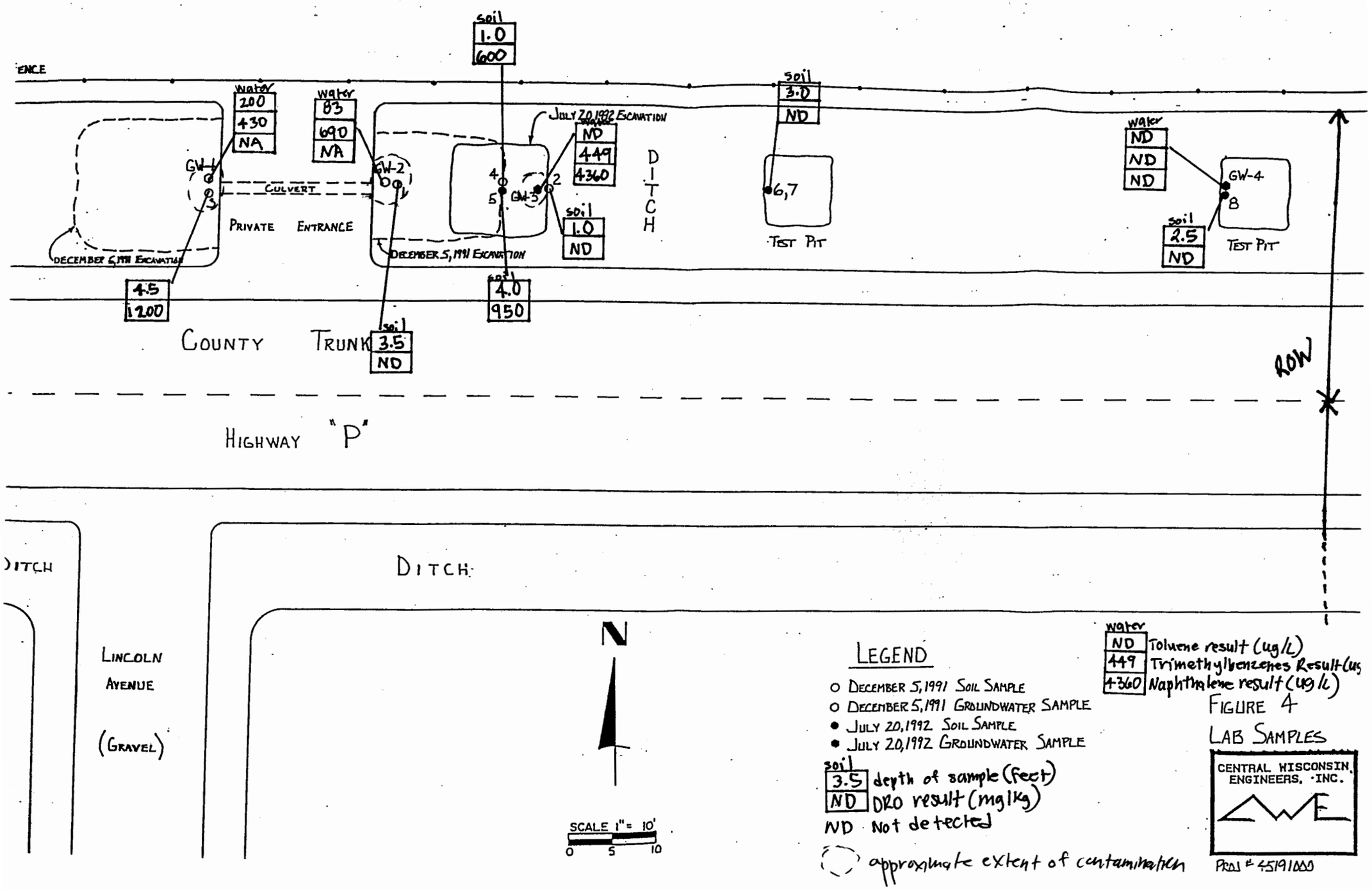
See Figure 4 for sample locations.

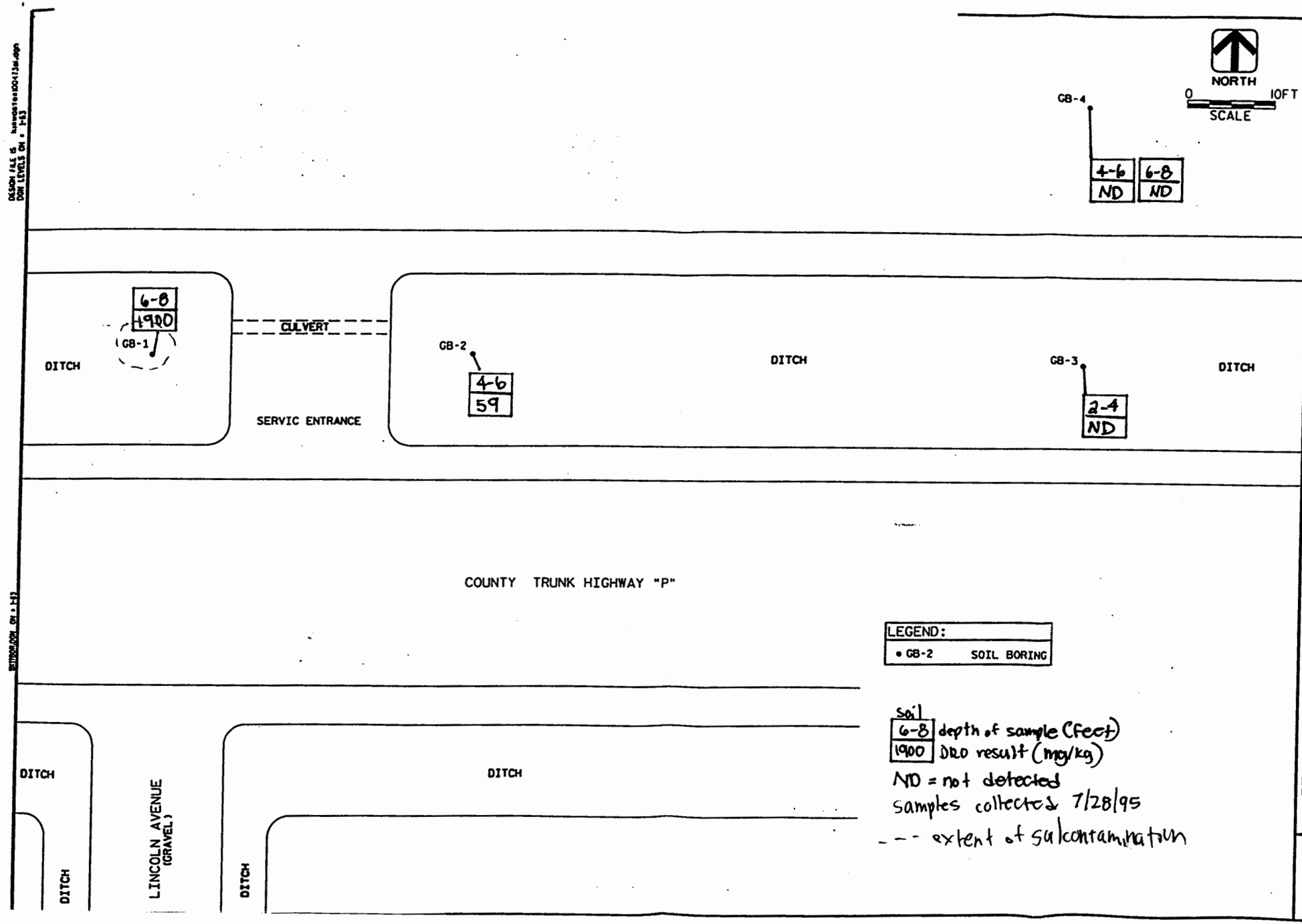
TABLE 1
SOIL SAMPLE SUMMARY – Soil borings
HARMONY CO-OP - UNITY, WISCONSIN

SAMPLE LOCATION	SAMPLE DATE	DEPTH (feet)	FID* PID (i.u.'s)	DRO (mg/Kg)	Benzene (mg/Kg)	Ethyl-benzene (mg/Kg)	Toluene (mg/Kg)	Total xylene (mg/Kg)	MTBE (mg/Kg)	Methylene chloride (mg/Kg)	1,2,4-Tri-methyl benzene (mg/Kg)	1,3,5-Tri-methyl benzene (mg/Kg)	Naph-thalene (mg/Kg)	Chrysene (mg/Kg)
GB-1	7/28/95	0-2	NR	--	--	--	--	--	--	--	--	--	--	--
		2-4	NR	--	--	--	--	--	--	--	--	--	--	--
		4-6	NR	--	--	--	--	--	--	--	--	--	--	--
		6-8	30	1900	ND	ND	ND	ND	ND	ND	1.1	0.1	NA	NA
GB-2	7/28/95	0-2	NR	--	--	--	--	--	--	--	--	--	--	--
		2-4	26	--	--	--	--	--	--	--	--	--	--	--
		4-6	24	59	ND	ND	ND	ND	ND	ND	0.11	0.031	ND	0.13
		6-8	4	--	--	--	--	--	--	--	--	--	--	--
GB-3	7/28/95	0-2	NR	--	--	--	--	--	--	--	--	--	--	--
		2-4	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
GB-4	7/28/95	0-2	NR	--	--	--	--	--	--	--	--	--	--	--
		2-4	NR	--	--	--	--	--	--	--	--	--	--	--
		4-6	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
		6-8	1.4	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BLANK	7/28/95	2.5-4.5	0.4	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
NR 720 SOIL STANDARD				100	0.0055	2.9	1.5	4.1	4.9	--	--	--	--	--

NR = No Response
ND = Not Detected
NA = Not analyzed
-- = Not sent in to laboratory

G:\sjj\951107a1


ENCE
soil
1.0
600
water
200
430
NA
water
83
690
NA
GW-1
GW-2
CULVERT
PRIVATE ENTRANCE
DECEMBER 5, 1991 EXCAVATION
4.5
1200
COUNTY TRUNK
soil
3.5
ND
DECEMBER 5, 1991 EXCAVATION
JULY 20, 1992 EXCAVATION
water
ND
449
4360
GW-5
soil
1.0
ND
soil
4.0
950
DITCH
soil
3.0
ND
6,7
TEST PIT
water
ND
ND
ND
GW-4
8
soil
2.5
ND
TEST PIT
ROW
HIGHWAY "P"
DITCH
DITCH
LINCOLN AVENUE
(GRAVEL)
N
SCALE 1" = 10'
0 5 10
LEGEND
DECEMBER 5, 1991 SOIL SAMPLE
DECEMBER 5, 1991 GROUNDWATER SAMPLE
JULY 20, 1992 SOIL SAMPLE
JULY 20, 1992 GROUNDWATER SAMPLE
soil
3.5 depth of sample (feet)
ND DRO result (mg/kg)
ND Not detected
approximate extent of contamination
water
ND Toluene result (ug/L)
449 Trimethylbenzenes Result (ug
4360 Naphthalene result (ug/L)
FIGURE 4
LAB SAMPLES
CENTRAL WISCONSIN ENGINEERS, INC.
PROJ # 45191000



SITE PLAN

DRN. BY: MLE
CHK. BY: SJV
DATE: SEPTEMBER 1995

AYRES ASSOCIATES

REMEDIAL INVESTIGATION
HARMONY COOP-UNITY
TOWN OF EAU PLEINE
MARATHON COUNTY, WISCONSIN

FIGURE
2

MSA
PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL
DEVELOPMENT • ENVIRONMENTAL

July 20, 2004

Marathon County Highway Department
1430 West Street
Wausau, Wisconsin 54401

Re: Notification of Soil and Groundwater Contamination in Right-of-Way
Harmony Country Coop Cargo Spill, Eau Pleine, Wisconsin

To whom it may concern:

In accordance with Wisconsin Administrative Code NR 726.05(2)(b)4, this letter is to inform you that groundwater and soil beneath the right-of-way north of the site referenced above may contain petroleum products, which were released when a bulk truck owned by Harmony Country Coop rolled over into the ditch just west of the culvert on the north side of the road across from Lincoln Avenue.

The following information is being provided:

COUNTY:	Marathon County
HIGHWAY:	County Highway P
SITE NAME:	Harmony Coop Cargo Spill
SITE ADDRESS:	intersection of CTH P and Lincoln Avenue
BRRTS#:	02-37-000297
PECFA#:	NA
DNR FID#:	737127820
OWNER'S NAME:	Harmony Country Coop, Atten: Greg Gerads
OWNER'S ADDRESS:	P.O. Box 407, Colby, Wisconsin 54421
CONSULTING FIRM:	MSA Professional Services, Inc.
CONSULTANT CONTACT:	Brian Hegge, Project Manager Heather Krauel, Project Hydrogeologist
CONSULTANT ADDRESS:	1835 North Stevens St., Rhinelander, WI 54601
CONSULTANT PHONE:	(715) 362-3244
CONSULTANT FAX:	(715) 362-4116
CONSULTANT EMAIL:	bhegge@msa-ps.com or hkrauel@msa-ps.com
SOIL CONTAMINATION:	Yes, approximately 4 to 7 feet below ground surface (bgs)
GROUNDWATER CONTAMINATION:	Yes, depth to perched groundwater table in the ditch is approximately 4 feet bgs
CONTAMINANT TYPE(S):	Petroleum- diesel fuel

Marathon County Highway Department
July 20, 2004

BRIEF DISCRIPTION OF REMEDIAL ACTIVITIES:

The accident resulted in a spill of approximately 20 gallons of fuel. The area of the spill was excavated that day, and again on December 5, 1991 and July 20, 1992. A total of approximately 171.86 tons of soil was removed during the excavations. Soil contamination remains immediately on top of bedrock.

Maps of the extent of soil and groundwater contamination have been attached. If you have any questions, please feel free to contact me.

Sincerely,

MSA Professional Services, Inc.

Heather A. Krauel
Project Hydrogeologist

HAK:jcp

enc

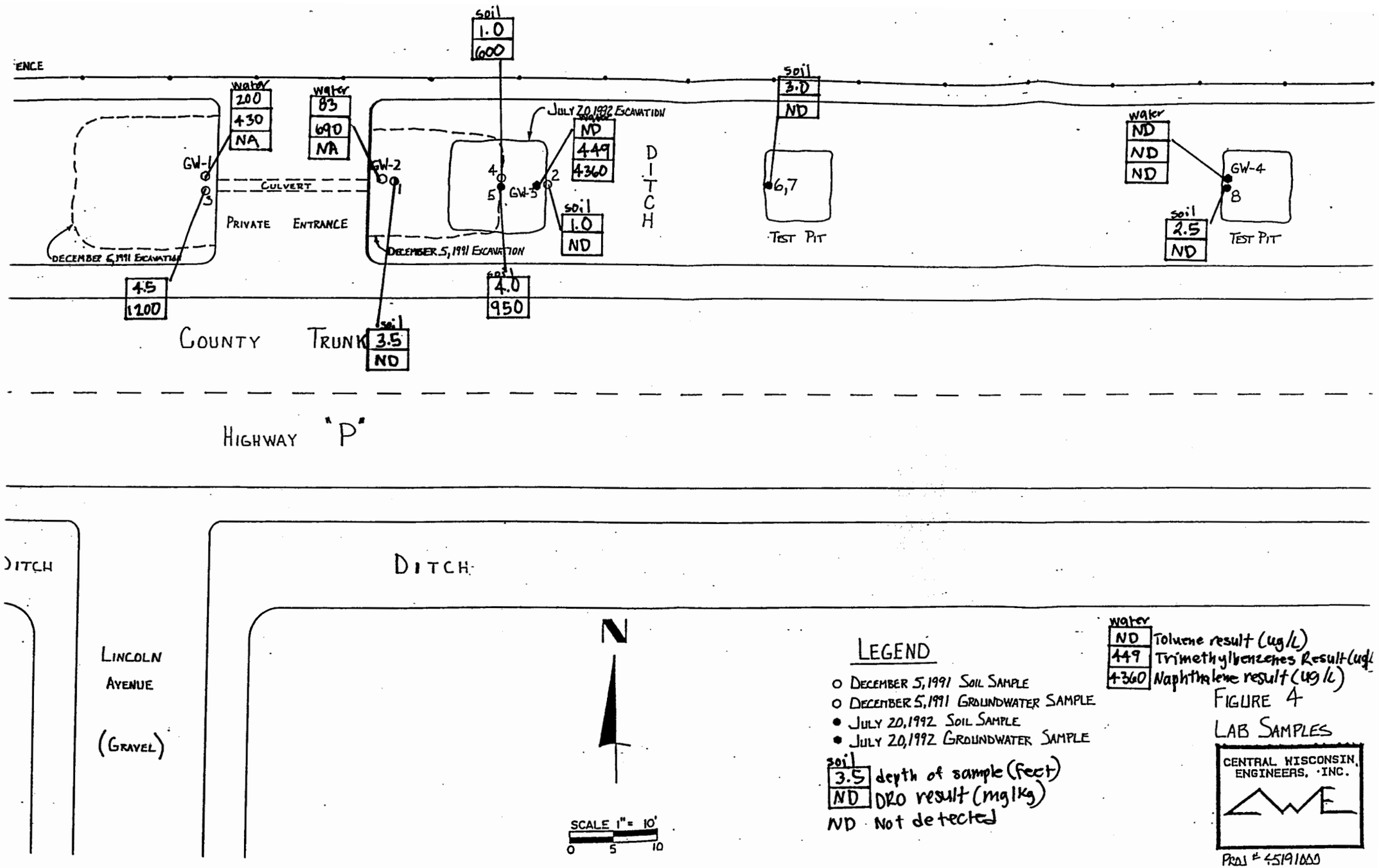
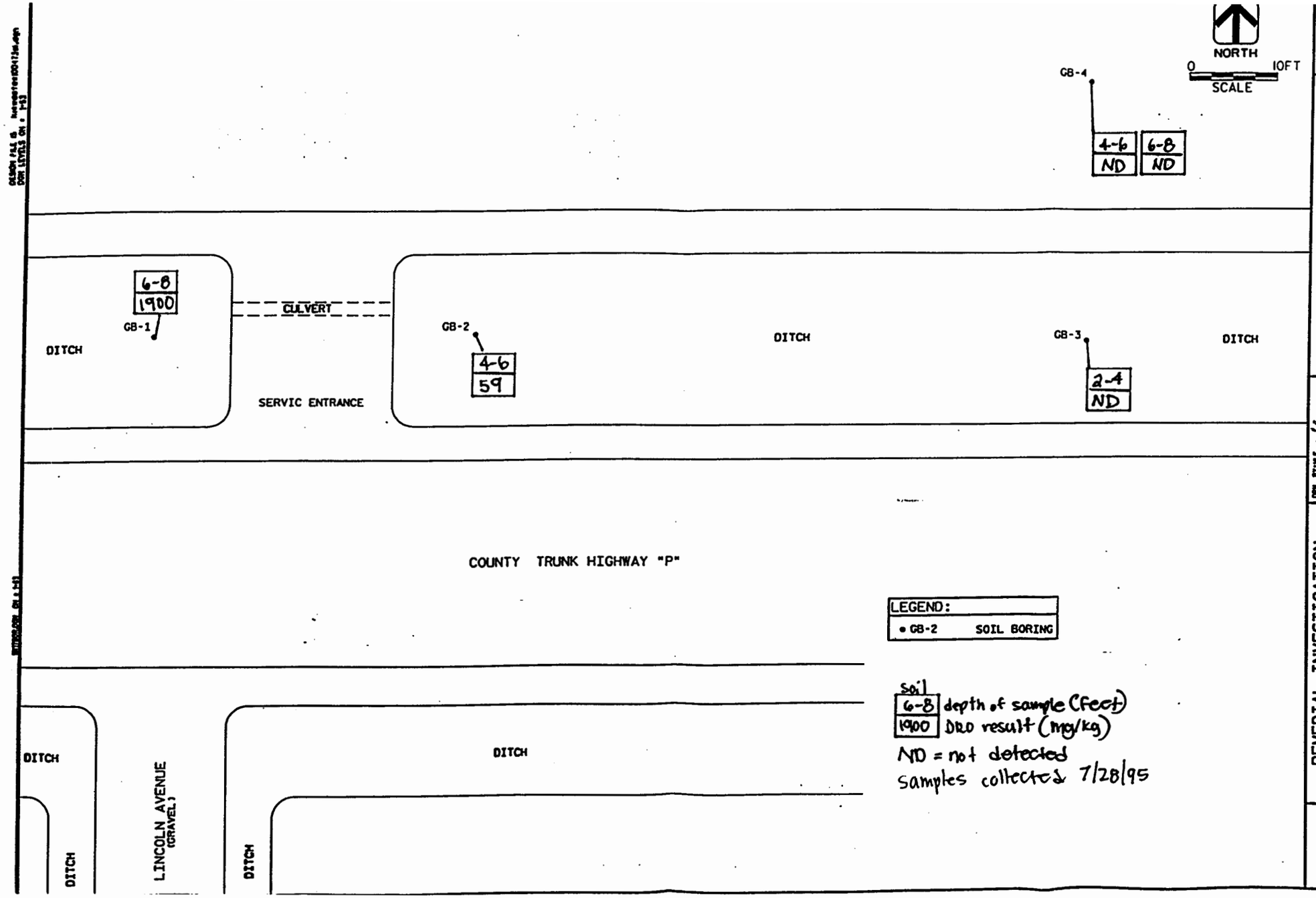


FIGURE 4
LAB SAMPLES


NORTH
0
10FT
SCALE
GB-4
4-6
ND
6-8
ND
6-8
1900
GB-1
DITCH
CULVERT
SERVIC ENTRANCE
GB-2
4-6
59
DITCH
GB-3
2-4
ND
DITCH
COUNTY TRUNK HIGHWAY "P"
LEGEND:
• GB-2 SOIL BORING
soil
6-8 depth of sample (feet)
1900 DRO result (mg/kg)
ND = not detected
samples collected 7/28/95
DITCH
DITCH
LINCOLN AVENUE
(GRAVEL)
DITCH
DITCH
SITE PLAN
DRN. BY:MLE
CHK. BY:SJV
DATE:SEPTEMBER 1995
AVRES ASSOCIATES
REMEDIAL INVESTIGATION
HARMONY COOP-UNITY
TOWN OF EAU PLEINE
MARATHON COUNTY, WISCONSIN
FIGURE
2

MSA
PROFESSIONAL SERVICES
TRANSPORTATION • MUNICIPAL • REMEDIATION
DEVELOPMENT • ENVIRONMENTAL

August 31, 2004

Mr. Bill Bahr
E.P. 108 County Highway P
Stratford, Wisconsin 54484

RECEIVED
SEP 02 2004
WAUSAU DNR

Re: Notification of Soil and Groundwater Contamination
Harmony Country Coop Cargo Spill, Eau Pleine, Wisconsin

Dear Mr. Bahr:

The purpose of this correspondence is to inform you that MSA Professional Services, Inc. (MSA) is requesting site closure from the Wisconsin Department of Natural Resources (WDNR) for the Harmony Country Coop Cargo Spill site.

As you may be aware, a cargo spill occurred at the intersection of County Highway P and Lincoln Avenue in the right-of-way on December 3, 1991 (Figure 1). Following a conversation with the Marathon County Highway Department, it is our understanding that you maintain the adjacent private entrance. Harmony Country Coop, the responsible party, has conducted site activities consisting of soil removal and groundwater monitoring (Figures 2 and 3).

The residual levels of groundwater and soil contamination in the right-of-way are above the state groundwater enforcement standards found in chapter NR140 and soil standards found in chapter NR 720 of the Wisconsin Administrative Code. However, following site closure, the WDNR will not be requiring further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

A copy of this letter is included as part of the site file on the GIS Registry of Closed Remediation Sites which is on the Internet at www.dnr.state.wi.us/org/at/et/geo/gwur. This website also includes additional information on the site.

If you need more information contact Lisa Gutknecht, WDNR, 5301 Rib Mountain Drive, Wausau, Wisconsin 54401 (715-359-6514).

Sincerely,
MSA Professional Services, Inc.

Heather Krauel
Project Hydrogeologist

HAK:amw
Enclosures

cc: Gregg Gerads, Harmony Country Cooperative
Lisa Gutkneckt, WDNR

Offices in Illinois, Iowa, Minnesota, and Wisconsin
P.O. BOX 1026 • 1835 NORTH STEVENS STREET • RHINELANDER, WI 54501-1026
715-362-3244 • 800-844-7854 • FAX: 715-362-4116
WEB ADDRESS: www.msa-ps.com

G:\Projects\20s\21s\Cargo Spill\bbahr083104lttr.doc

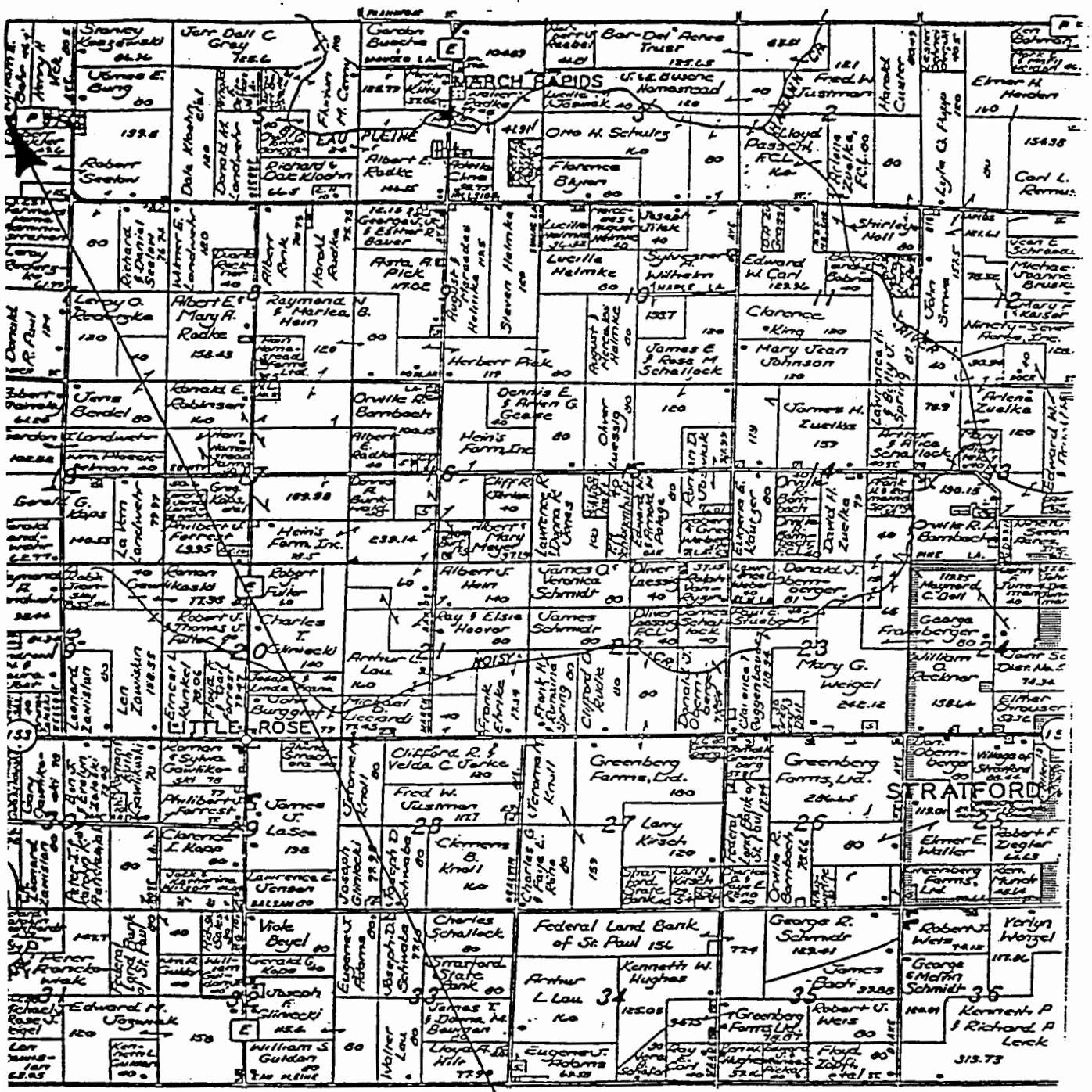
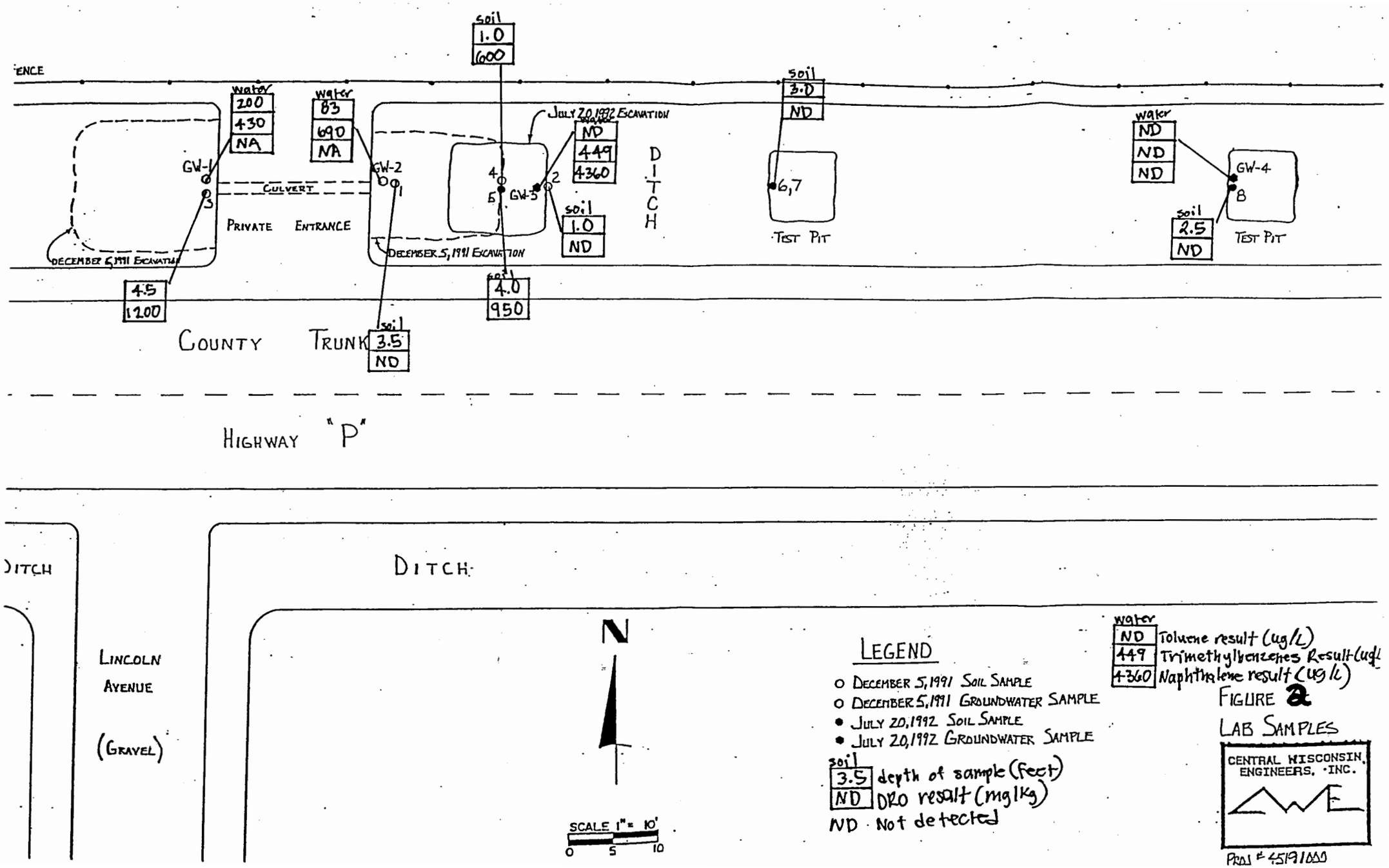


FIGURE 1
SITE LOCATION

CENTRAL WISCONSIN ENGINEERS, INC.


ENCE
soil
1.0
600
water
200
430
NA
water
83
690
NA
GW-1
GW-2
GW-3
GW-4
CULVERT
PRIVATE ENTRANCE
DECEMBER 5, 1991 EXCAVATION
DECEMBER 5, 1991 EXCAVATION
JULY 20, 1992 EXCAVATION
water
ND
449
4360
soil
1.0
ND
DITCH
soil
3.0
ND
6,7
TEST PIT
water
ND
ND
ND
soil
2.5
ND
TEST PIT
4.5
1200
soil
4.0
950
COUNTY TRUNK
soil
3.5
ND
HIGHWAY "P"
DITCH
DITCH
LINCOLN AVENUE
(GRAVEL)
N
SCALE 1" = 10'
0 5 10
LEGEND
O DECEMBER 5, 1991 SOIL SAMPLE
O DECEMBER 5, 1991 GROUNDWATER SAMPLE
• JULY 20, 1992 SOIL SAMPLE
• JULY 20, 1992 GROUNDWATER SAMPLE
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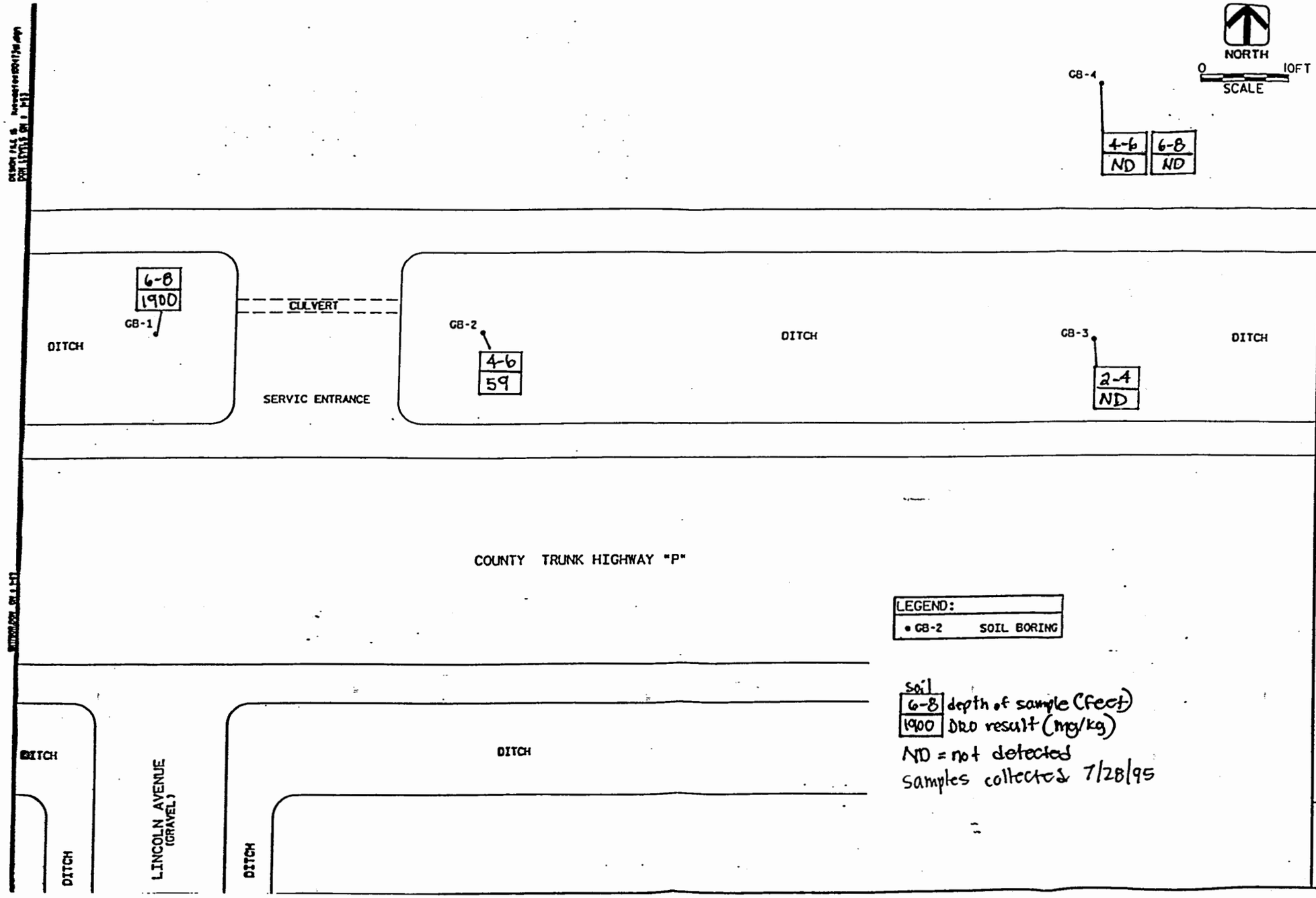
PROJ # 45191000



SITE PLAN

DRN. BY: MLE
CHK. BY: SJV
DATE: SEPTEMBER 1995

AVRES ASSOCIATES

REMEDIAL INVESTIGATION
HARMONY COOP-UNITY
TOWN OF EAU PLEINE
MARATHON COUNTY, WISCONSIN

FIGURE
3