X

TO: Eric Sandin, GEF II, Geo/8

Groundwater Use Registry Buckslip

Site Name Former Indianhead Truck Line, Inc.

Address 1423 Maryland Ave

Superior, WI

BRRTS # 03-16-000536

GPS Location: 357879.31859 X ~~latitude~~ 696347.40667 Y ~~longitude~~

Date of Closure Decision 6/10/99

No off-site contamination
No right-of-way issues

Required

- [x] **Closure Letter**
- [ ] **Deeds for all properties with ES exceedance in Groundwater** (Recorded GWUR)
- [x] **GPS location (~~latitude and longitude~~)**
- [x] **Location map**
- [x] **Detailed Site Map**
- [x] **Groundwater Flow Direction Diagram including location of monitoring wells and all drinking water wells**
- [ ] **Latest Groundwater Plume Map with Groundwater Flow Direction**
- [x] **Latest Table of Analytical Results for Groundwater**

If Available, include the following:

- [x] **Metes and Bounds Legal Description** on GWUR
- [x] **Tax Parcel Number** on Deed # 06-806-00749-01
- [x] **Geologic cross sections showing soil and groundwater contaminant source extent and location, isoconcentrations for all groundwater contaminants that exceed NR 140 enforcement standards, water table and piezometric elevations, and the extent, location and elevation of geologic units, bedrock, and confining unites**

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
William H. Smith, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-0818
Telephone 715-365-8900
FAX 715-365-8932
TDD 715-365-8957

June 10, 1999

Mr. Joseph Kimmes
Joe P Kimmes Oil, Inc
6327 Tower Ave
Superior, WI 54880

Subject: Former Indianhead Truck Line, Inc., 1423 Maryland Ave, Superior, WI
BRRTS # 03-16-000536

Dear Mr. Kimmes:

On Jnue 10, 1999, the Department of Natural Resources – Remediation and Redevelopment Program received a copy of the groundwater use restriction which you recorded at the Douglas County Register of Deeds office for the above-referenced property.

Therefore, the Department considers the case "closed," having determined that no further action is necessary at the site at this time. However, 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 the environment.

If you have any additional information which was not formerly provided to the Department, and which you feel would significantly impact this closure decision, you may submit that information for our re-evaluation of case closure.

If you have any questions, please call me at 715-365-8990.

Sincerely,
NORTHERN REGION

Janet Kazda

Janet Kazda
Case Closeout Committee

cc: File
Lori Huntoon, Dept of Commerce

Thomas McElligott
Quarles & Brady
411 E Wisconsin Ave
Milwaukee, WI 53202-4497

709933

COPY

Document Number	GROUNDWATER USE RESTRICTION Document Title

DOCUMENT NO. 709933
RECORDED ON 05/25/1999 AT 08:20AM
OFFICE OF REGISTER OF DEEDS
DOUGLAS COUNTY, WISCONSIN
KATHY F. HANSON
REGISTER

FEE AMOUNT $16.00

Recording Area

Name and Return Address

Mr. Joseph Kimmes
Joe P. Kimmes Oil, Inc.
6327 Tower Avenue
Superior, WI 54880

06-806-00749-01

Parcel Identification Number (PIN)

Legal Description

Property in the City of Superior, Douglas County, Wisconsin:

That part of the Southeast Quarter (SE 1/4) of Section Sixteen (16), Township Forty-nine (49) North, Range Fourteen (14) West, described as follows: Beginning at the intersection of the West line of vacated Maryland Avenue and the North line of Belknap Street; thence North along the West line of vacated Maryland Avenue for a distance of 469.9 feet; thence West, parallel with the East and West centerline of said Section 16, for a distance of 300 feet; thence South in a straight line to a point on the North line of Belknap Street, 300 feet West of place of beginning; thence East, along the north line of Belknap Street to the place of beginning; except that portion conveyed to the City of Superior in Volume 272 of Deeds, page 421 and except that portion conveyed to the State of Wisconsin in Volume 387 of Records, page 396; together with the West half (W 1/2) of vacated Maryland Avenue, abutting the above described parcel except that part conveyed in Volume 427 of Records, page 849 and corrected in Volume 432 of Deeds, page 972; all in the City of Superior, Douglas County, Wisconsin.

Declaration of Restrictions

STATE OF WISCONSIN)
) SS
COUNTY OF DOUGLAS)

WHEREAS, Joe P. Kimmes, Inc. is the owner of the above described property.

WHEREAS, one or more petroleum discharges have occurred at this property. 1, 2 dichloroethane has been detected in groundwater above ch. NR 140 Wis. Adm. Code enforcement standards on this property, at concentrations ranging from 8-24 ppb. at MW10. See Exhibit 1.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct

additional groundwater remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 Wis. Adm. Code groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality exceeds the drinking water standards in ch. 809 Wis. Adm. Code is restricted by ch. NR 811, Wis. Adm. Code and ch. NR 812 Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

> Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources Bureau of Drinking Water and Groundwater, or its successor agency, to determine whether specific requirements are applicable and to obtain Department approval, prior to constructing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by, the Wisconsin Department of Natural Resources, its successors and assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that the restrictions set forth in this covenant are no longer required. Upon receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit with a copy of the Department's written determination can be recorded to give notice that this groundwater use restriction is no longer binding.

COPY

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 10th day of March, 1999.

Signature: _____

Printed Name: Joe P. Kimmes

Subscribed and sworn to before me

this 10th day of March, 1999

Scott A. Kimmes

Notary Public, State of Wisconsin

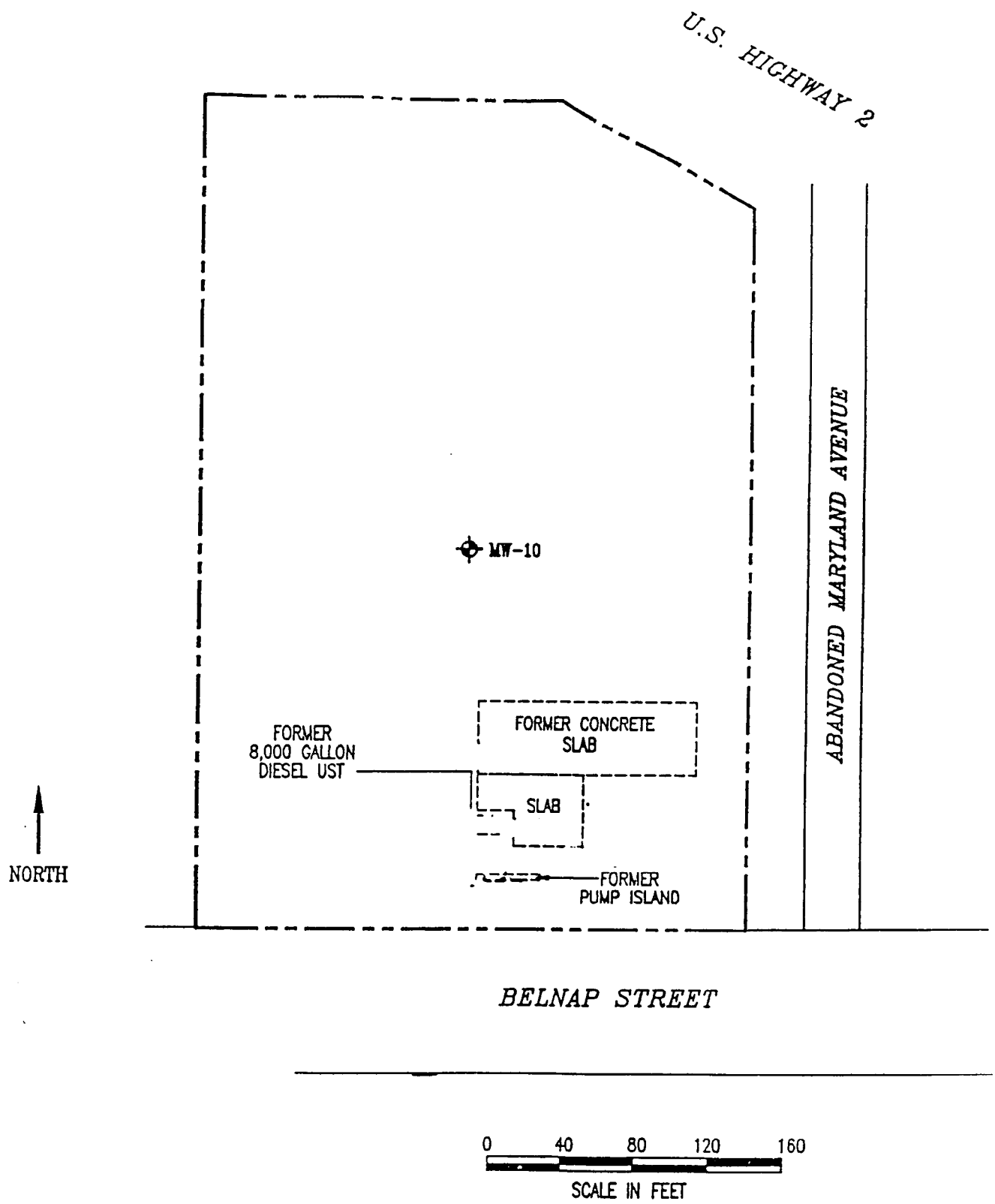
My commission Expires June 3rd, 2001

SCOTT A. KIMMES NOTARY PUBLIC STATE OF WISCONSIN

This document was drafted by the Wisconsin Department of Natural Resources

QBMKE\4264630.1

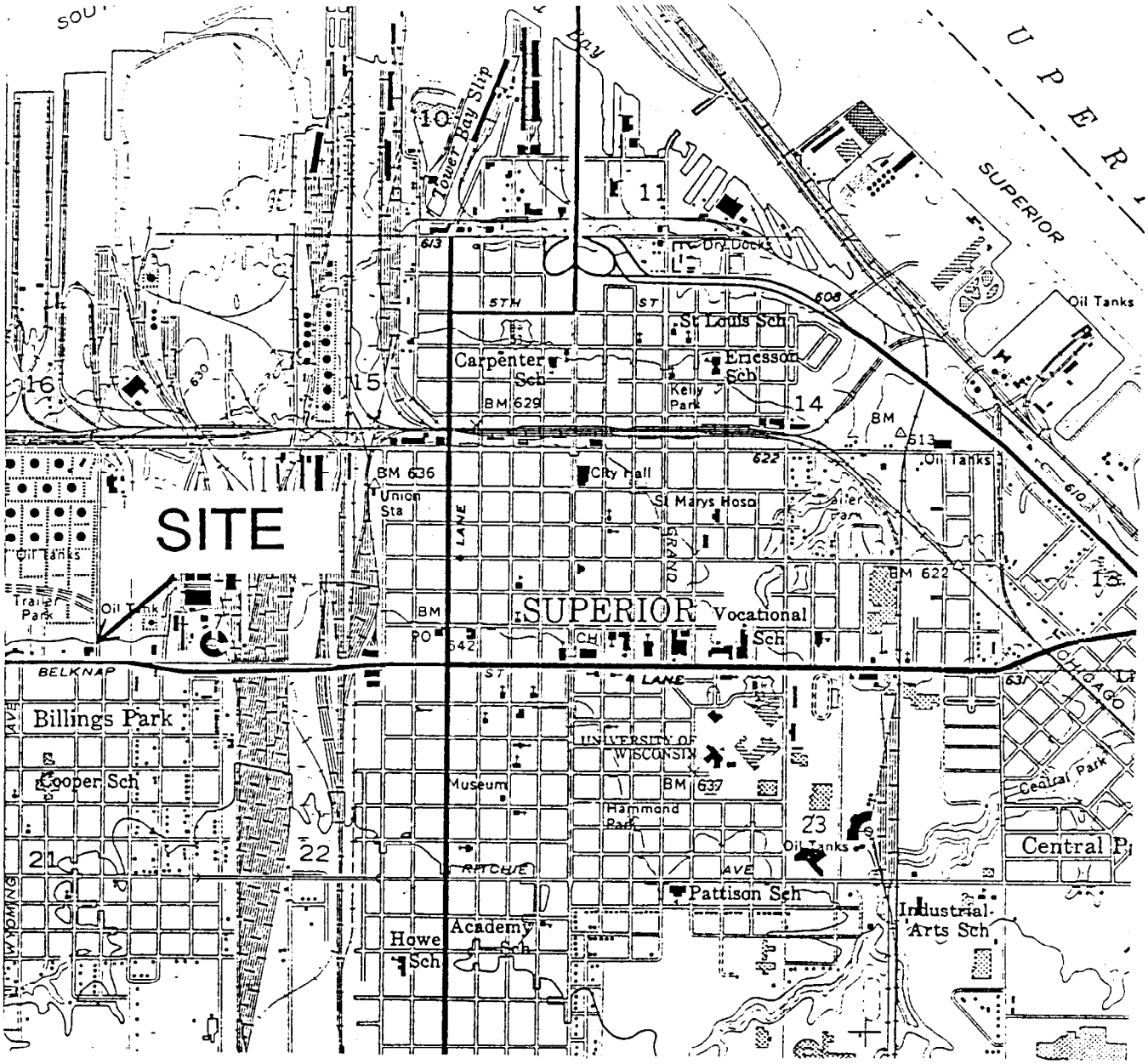
EXHIBIT 1 **COPY** 709933



SERVICE

Environmental Engineering Corporation

DATE	REV.	PROJECT NO.	DRAWING
9/26/96	1/27/97	96020	96020-1
DRAWN BY L. SIMMONS	REVIEWED BY D. KOUBSKY	SCALE 1 INCH = 80 FEET	



(USGS 1954)

SCALE
1:24000

1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

N

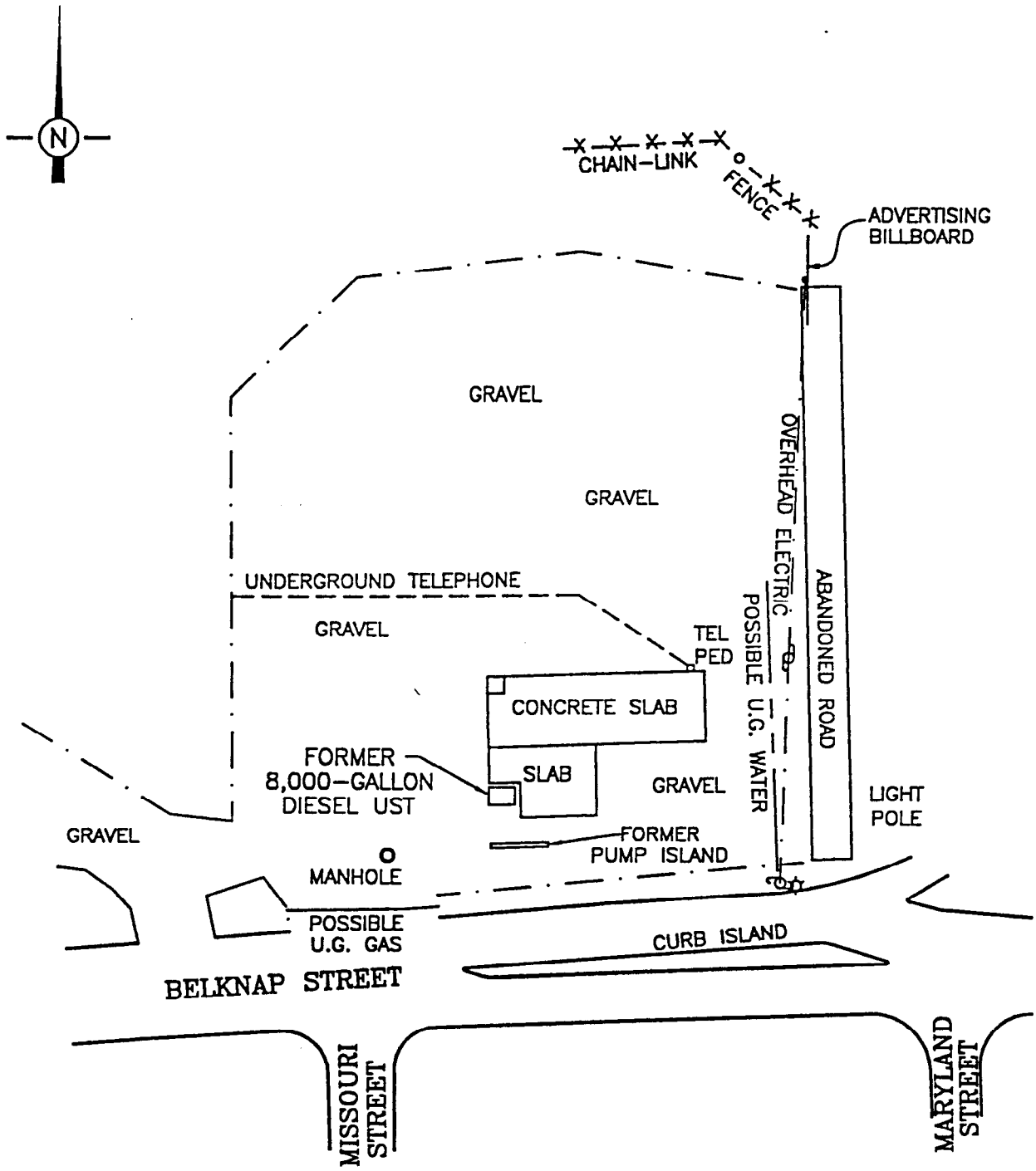
CONTOUR INTERVAL 10 FEET

LOCATION

THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

Fluid Management, Inc.

FIGURE 2.1
SITE LOCATION MAP
INDIANHEAD TRUCK LINES, INC.
SUPERIOR, WISCONSIN



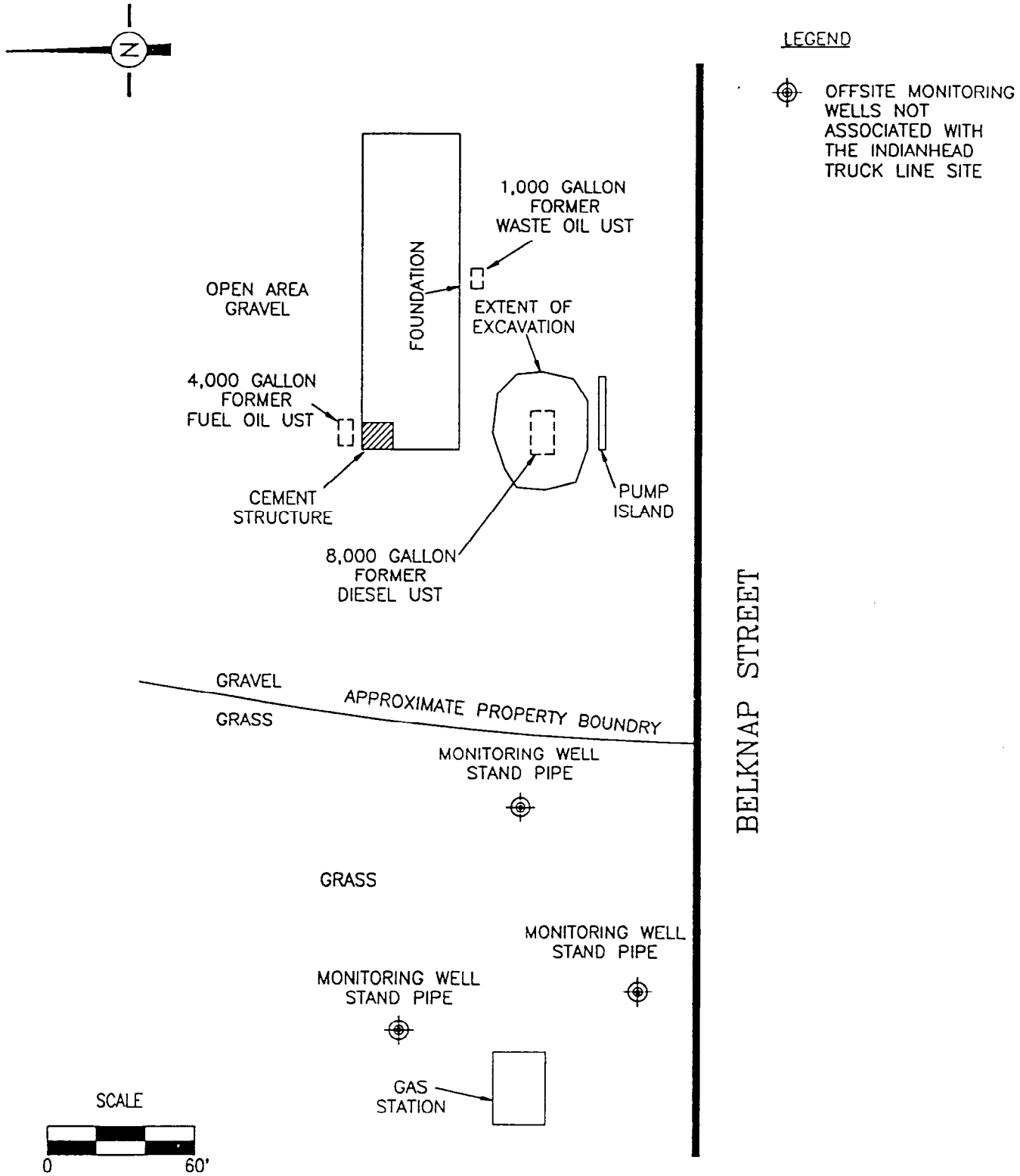
SCALE
0 45' 90'

THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

Fluid Management, Inc.

FIGURE 2.2
SITE PLAN VIEW
INDIANHEAD TRUCK LINES, INC.
SUPERIOR, WISCONSIN

DRAWING NO. | 92.0/2K22 | DRAWN BY: DLA | 10/11/94 | CHECKED BY: | APPROVED BY: JRS | 7/8/94

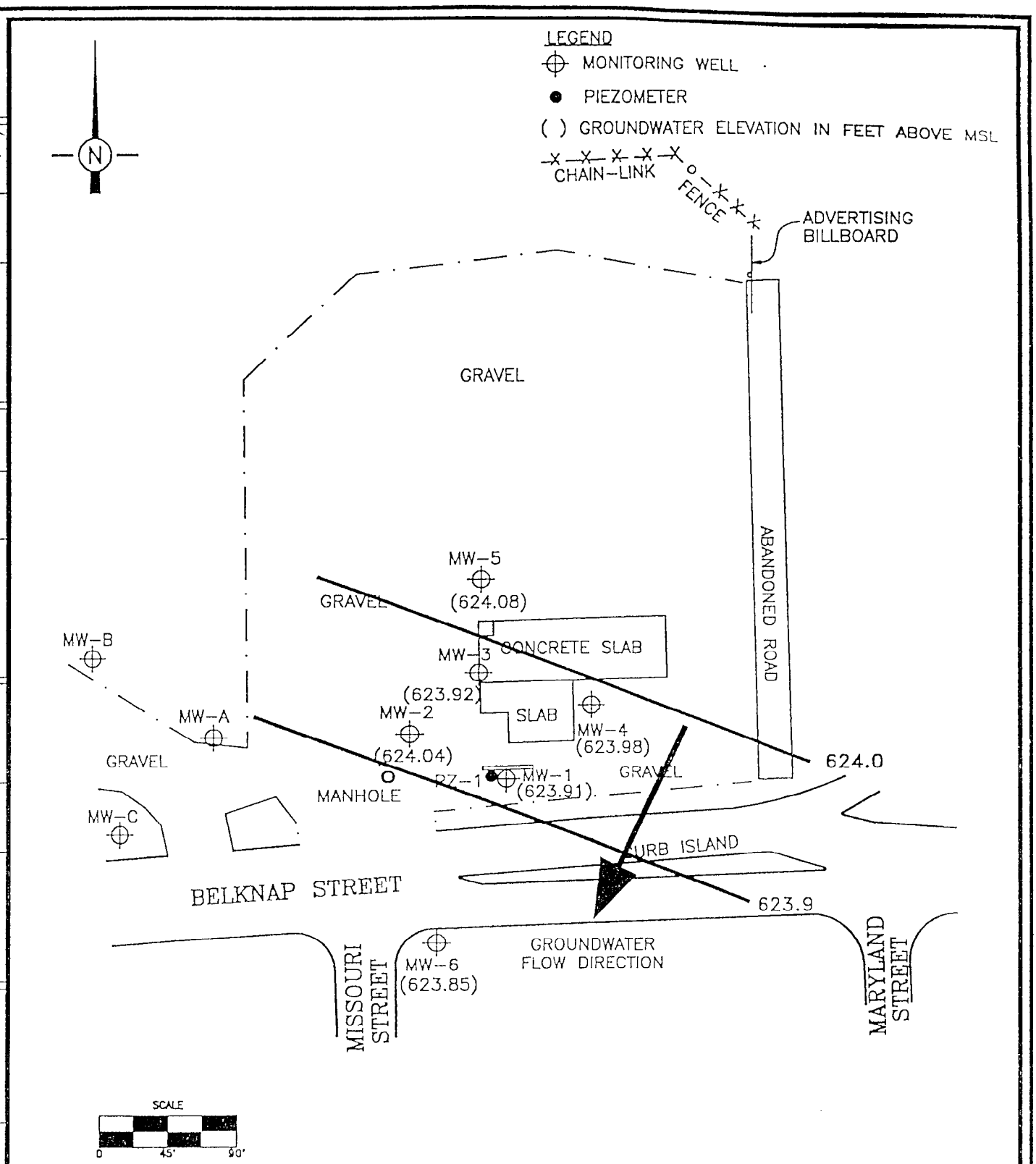


THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

Fluid Management, Inc.

FIGURE 2.2
SITE PLAN VIEW
INDIANHEAD TRUCK LINE
SUPERIOR, WISCONSIN

DRAWING NO.	92.672W22	DRAWN BY:	SAJ	1/5/93	CHECKED BY:		APPROVED BY:



THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

Fluid Management, Inc.

FIGURE 4.4
POTENTIOMETRIC SURFACE MAP 7/2/93
INDIANHEAD TRUCK LINES, INC.
SUPERIOR, WISCONSIN

DRAWING NO.	92.672R44	DRAWN BY:	DLA	10/17/94	CHECKED BY:		APPROVED BY:	JRS	11/29/94

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
INDIANHEAD TRUCK LINE, INC.
SUPERIOR, WISCONSIN

Well #	Date	DRO	GRO	Benzene	Ethyl-benzene	Toluene	Xylene	1,2-DCA
WDNR Enforcement Standards		Not Established	Not Established	5.0	700	343	620	5.0
MW-2	1-22-93	148	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	3-26-93	146	NA	<1.0	<1.0	<1.0	<1.0	5.22
	7-2-93	<100	NA	<1.0	<1.0	<1.0	<3.0	NA
	5-17-95	<100	NA	<1.0	2.1	<1.0	<3.0	<1.0
	9-11-95	<100	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	12-19-95	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	3-26-96	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	10-16-96	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	6-13-97	150	73	<1.0	<1.0	<1.0	<2.0	<1.0
	10-29-97	NS	NS	NS	NS	NS	NS	NS
	1-21-98	NS	NS	NS	NS	NS	NS	NS
	4-09-98	NS	NS	NS	NS	NS	NS	NS
MW-4	1-22-93	239	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	3-26-93	<100	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	7-2-93	<100	NA	<1.0	<1.0	<1.0	<3.0	NA
	5-17-95	<100	NA	1.8	<1.0	<1.0	<3.0	<1.0
	9-11-95	<100	NA	1.9	<1.0	<1.0	<3.0	<1.0
	12-19-95	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	3-26-96	NA	NA	5.8	<1.0	<1.0	<3.0	<1.0
	10-16-96	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	6-13-97	370	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	10-29-97	NA	NA	<1.0	<1.0	2.0	<2.0	NA
	1-21-98	NA	NA	<1.0	<1.0	<1.0	<2.0	NA
	4-09-98	NA	NA	<1.0	<1.0	<1.0	<2.0	NA
MW-6	3-26-93	<100	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	7-2-93	<100	NA	<1.0	<1.0	<1.0	<3.0	NA
	5-17-95	<100	NA	<1.0	<1.0	<1.0	<3.0	<1.0
	9-11-95	<100	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	12-19-95	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	3-26-96	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	10-16-96	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	6-13-97	130	250	<1.0	<1.0	<1.0	<2.0	<1.0
	10-29-97	NA	NA	<1.0	<1.0	<1.0	<2.0	NA
	1-21-98	NA	NA	<1.0	<1.0	<1.0	<2.0	NA
	4-09-98	NA	NA	<1.0	<1.0	<1.0	<2.0	NA

All concentrations are in μg/L (parts per billion)

NA = Not Analyzed for this parameter

<0.0 = Not Detected at or above concentration identified

TABLE 1 - Continued
GROUNDWATER ANALYTICAL RESULTS
INDIANHEAD TRUCK LINE, INC.
SUPERIOR, WISCONSIN

Well #	Date	DRO	GRO	Benzene	Ethyl-benzene	Toluene	Xylene	1,2-DCA
WDNR Enforcement Standards		Not Established	Not Established	5.0	700	343	620	5.0
MW-10	5-17-95	<100	NA	<1.0	<1.0	<1.0	<3.0	**8**
	9-11-95	<100	NA	<0.5	<1.0	<1.0	<3.0	**13**
	12-19-95	NA	NA	<0.5	<1.0	<1.0	<3.0	**13**
	3-26-96	NA	NA	<0.5	<1.0	<1.0	<3.0	**20**
	10-16-96	NA	NA	<0.5	<1.0	<1.0	<3.0	**24**
	6-13-97	370	<50	<1.0	<1.0	<1.0	<2.0	**11**
	10-29-97	NA	NA	<1.0	<1.0	<1.0	<2.0	**17**
	1-21-98	NA	NA	<1.0	<1.0	<1.0	<2.0	**22**
	4-09-98	NA	NA	<1.0	<1.0	<1.0	<2.0	**7.3**
MW-11	5-17-95	520	NA	**290**	190	210	360	<5.0
	9-11-95	<100	NA	**5.6**	4.5	4.9	7.4	<1.0
	12-19-95	NA	NA	3.8	2.2	2.2	3	<1.0
	3-26-96	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	10-16-96	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	6-13-97	120	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	10-29-97	NA	NA	<1.0	<1.0	<1.0	<2.0	NA
	1-21-98	NA	NA	<1.0	1.2	<1.0	2.0	NA
	4-09-98	NA	NA	<1.0	<1.0	<1.0	<2.0	NA
PZ-2	5-17-95	<100	NA	<1.0	1.8	<1.0	5.8	<1.0
	9-11-95	<100	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	12-19-95	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	3-26-96	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	10-16-96	NA	NA	<0.5	<1.0	<1.0	<3.0	<1.0
	6-13-97	170	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	10-29-97	NS	NS	NS	NS	NS	NS	NS
	1-21-98	NS	NS	NS	NS	NS	NS	NS
	4-09-98	NS	NS	NS	NS	NS	NS	NS

All concentrations are in μg/L (parts per billion)

NA = Not Analyzed

<0.0 = Not Detected at or above concentration identified

Bold = Exceeds WDNR Enforcement Standards

TABLE 3
ANALYTICAL RESULTS
BIODEGRADATION EVALUATION
INDIANHEAD TRUCK LINE, INC.
SUPERIOR, WISCONSIN

Well Number	Date	Temp. (Deg. C)	D.O. (mg/L)	pH	Manganese (mg/L)	Total Alkalinity (mg/L)	Sulfate (mg/L)	Dissolved Iron (mg/L)	Nitrate/ Nitrite (mg/L)
MW-2	6-13-97	7.8	0.30	7.16	4.97	361	70.8	NA	1.99
	10-29-97	8.4	1.80	7.11	NA	NA	NA	NA	NA
	1-21-98	7.1	3.01	7.12	NA	NA	NA	NA	NA
	4-09-98	10.2	3.36	NA	NA	NA	NA	NA	NA
MW-4	6-13-97	8.1	0.20	5.61	2.45	504	218	NA	<0.10
	10-29-97	8.5	1.75	6.94	2.45	476	217	0.069	<0.10
	1-21-98	8.0	2.95	6.92	1.65	496	234	<0.025	1.22
	4-09-98	8.0	2.00	NA	3.54	521	209	0.123	0.841
MW-6	6-13-97	7.8	7.70	6.28	1.99	359	62.8	NA	0.97
	10-29-97	8.4	5.80	7.18	<0.005	294	68.5	<0.025	<0.10
	1-21-98	7.9	6.16	7.8	0.01	363	67.1	<0.025	0.88
	4-09-98	9.0	6.12	NA	0.69	361	67.5	3.010	0.795
MW-10	6-13-97	8.1	0.30	7.25	1.14	372	80.5	NA	<0.10
	10-29-97	7.7	1.43	7.12	0.10	637	<1.0	0.290	<0.10
	1-21-98	6.4	3.49	7.16	0.08	361	69.4	1.110	0.29
	4-09-98	8.7	2.88	NA	2.16	412	65.8	7.440	<0.10
MW-11	6-13-97	8.1	0.30	6.26	0.46	659	80.1	NA	<0.10
	10-29-97	9.9	1.92	6.73	0.08	364	95.7	0.110	2.24
	1-21-98	7.1	2.27	6.82	0.27	652	136	<0.025	2.90
	4-09-98	8.8	2.51	NA	0.18	592	117	0.272	2.86
PZ-2	6-13-97	8.8	0.30	6.62	0.27	453	109	NA	1.18
	10-29-97	8.7	1.47	7.24	NA	NA	NA	NA	NA
	1-21-98	7.2	1.63	7.1	NA	NA	NA	NA	NA
	4-09-98	8.6	5.00	NA	NA	NA	NA	NA	NA

NA = Not Analyzed for this parameter
<0.0 = Not Detected at or above concentration identified

Table 5
Ground Water Analytical Results
Indianhead Truck Line, Inc.
Superior, Wisconsin

Sample ID	DNR	DNR	MW - 1	MW - 1	MW - 1	MW - 2	MW - 2	MW - 2	MW - 2	MW - 2	MW - 2	MW - 2	MW - 3
	Enforcement	**Preventative**											
Sample Date	**Standards**	**Action**	1/22/93	3/26/93	7/2/93	1/22/93	3/26/93	7/2/93	5/17/95	9/11/95	12/19/95	3/26/96	1/22/93
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
DRO			1,740.0	2,183.0	3,300.0	148.0	146.0	<100	<0.10			<1000	2,490.0
GRO													
PVOC													
Methyl-t-butyl-ether	60.0	12.0		<1.0	<1.0			<1.0	<1.0	<1.0	<1.0		
Benzene	5.0	0.5	**65.0**	<1.0	**23.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	**230.0**
Toluene	343.0	68.6	3.7	<1.0	4.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethyl Benzene	700.0	140.0	20.0	<1.0	8.2	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	<1.0	2.3
m-xylene			8.3	<1.0		<1.0	<1.0						
o-xylene			4.7	<1.0		<1.0	<1.0						
Total-xylene	620.0	124.0			17.0			<3.0	<3.0	<3.0	<3.0	<1.0	<1.0
1,2,4-Trimethylbenzene			**16.0**	<1.0	22.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene			21.0	<1.0	15.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Metals													
Lead	15.0	1.5	16.0	2.0		<1.0	<1.0						
Cadmium	5.0	0.5	3.0	<2.0		1.0	<1.0		<0.00050				2.0
PAHs													
Anthracene			<6.6	<6.6			<6.6		<0.20				
Chrysene			<1.5	<1.5		<1.5	<1.5		<1.0				
Fluoranthene			<2.1	<2.1		<2.1	<2.1		<0.20				
Fluoroene			6.0	<2.1		<2.1	<2.1		<0.40				
Napthalene	40.0	8.0	25/46	<18.0		<18.0	<18.0		<1.0	<1.0	<2.0		
Phenanthrene			8.0	<6.4		<6.4	<6.4		<0.40				
Pyrene			<2.7	<2.7		<2.7	<2.7		<0.20				
VOC (WI Lust List)													
Bromodichloromethane	179.0	36.0				<1.0	<1.0		<1.0				
TRPH			2,000.0	2,000.0		<1.0	<100		<100				2,600.0
n-butylbenzenel				<1.0		<1.0	<1.0		<1.0				
Chloroethane	400.0	80.0		<1.0		<1.0	<1.0		<4.0				
Chloroform	6.0	0.6		<1.0		<1.0	<1.0		<1.0				
1,2-Dichlorobenzene	600.0	60.0		<1.0		<1.0	<1.0		<1.0				23.0
1,2-Dichloroethane	5.0	0.5		2.7		<1.0	**5.2**		<1.0				
Isopropylbenzene			2.1	<1.0		<1.0	<1.0		1.1				
p-Isopropyltoluene				<1.0		<1.0	<1.0		<1.0				
Methylene Chloride				<1.0		<1.0	<1.0		<5.0				
n-propylbenzene				<1.0		<1.0	<1.0		1.2				
propylbenzene				5.7									

Shade=Exceeds NR700 Standards
Blank=Not Analyzed
<=Not Detected at Indicated Concentration
BOLD-Exceeds WDNR Enforcement Standards

Table 5 (continued)
Ground Water Analytical Results
Indianhead Truck Line, Inc.
Superior, Wisconsin

Sample ID	MW - 3	MW - 3	MW - 4	MW - 4	MW - 4	MW - 4	MW - 4	MW - 4	MW - 4	MW - 5	MW - 5	MW - 5	MW - 6	MW - 6
Sample Date	3/26/93	7/2/93	1/22/93	3/26/93	7/2/93	5/17/95	9/11/95	12/19/95	3/26/96	1/22/93	3/26/93	7/2/93	3/26/93	7/2/93
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
DRO	1,347.0	340.0	239.0	<100	<100					2,000.0	223.0	260.0	<100	<100
GRO														
PVOC														
Methyl-t-butyl-ether		<1.0	<1.0	<1.0	<1.0	<1.0		<1.0				<1.0	<1.0	<1.0
Benzene	<1.0	**16.0**	<1.0	<1.0	<1.0	1.8	1.9	<0.50	**5.8**	**61.0**		<1.0	<1.0	<1.0
Toluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0
Ethyl Benzene	<1.0	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	8.7		<1.0	<1.0	<1.0
m-xylene	<1.0	<1.0		<1.0	<1.0					<1.0				
o-xylene	<1.0	<1.0		<1.0	<1.0					<1.0				
Total-xylene		<3.0	<3.0	<1.0	<1.0	<3.0	<3.0	<3.0	<1.0	<1.0		<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	12.0		<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0
Metals														
Lead	<1.0		<1.0	<1.0						<1.0	<1.0		<1.0	
Cadmium	5.0					<0.00050				1.0	2.0		<1.0	
PAHs														
Anthracene	<6.6		<6.6	<6.6		<0.20							<6.6	
Chrysene	<1.5		<1.5	<1.5		<0.10				<6.6			<1.5	
Fluoranthene	<2.1		<2.1	<2.1		<0.20				<1.5			<2.1	
Fluoroene	<2.1		<2.1	<2.1		<0.40				3.0			<2.1	
Napthalene	<18.0		<18.0	<18.0		<1.0	<1.0	<2.0		27.0			<18.0	
Phenanthrene	<6.4		<6.4	<6.4		<0.40				4.0			<6.4	
Pyrene	<2.7		<2.7	<2.7		<0.20				<2.7			<2.7	
VOC (WI Lust List)														
Bromodichloromethane													<1.0	
TRPH	<100		<100	<100				<100		1,300.0	<100		<100	
n-butylbenzenel	<1.0		<1.0	<100		<1.0		<1.0			<1.0		<1.0	
Chloroethane	9.0		<1.0	<100		<4.0		<4.0			3.6		<1.0	
Chloroform	<1.0		<1.0	<100		<1.0		<1.0			<1.0		<1.0	
1,2-Dichlorobenzene	<1.0		<1.0	<100		<1.0		<1.0			<1.0		<1.0	
1,2-Dichloroethane	**213.0**		<1.0	<100		<1.0		<1.0			**21.6**		<1.0	
Isopropylbenzene	<1.0		<1.0	<100		<1.0		<1.0			<1.0		<1.0	
p-Isopropyltoluene	<1.0		<1.0	<100		<1.0		<1.0			<1.0		<1.0	
Methylene Chloride	<1.0		<1.0	<100		<5.0		<1.0			<1.0		<1.0	
n-propylbenzene	<1.0		<1.0	<100		<1.0		<1.0			<1.0		<1.0	
propylbenzene				-				<1.0			<1.0		<1.0	

Shade=Exceeds NR700 Standards
Blank=Not Analyzed
<=Not Detected at Indicated Concentration
BOLD-Exceeds WDNR Enforcement Standards

Table 5 (continued)
Ground Water Analytical Results
Indianhead Truck Line, Inc.
Superior, Wisconsin

Sample ID	MW - 6	MW - 6	MW - 6	MW - 6	MW - 7	MW - 7	MW - 10	MW - 10	MW - 10	MW - 10	MW - 11	MW - 11	MW - 11	MW - 11
Sample Date	5/17/95	9/11/95	12/19/95	3/26/96	3/26/93	7/2/93	5/17/95	9/11/95	12/19/95	3/26/96	5/17/95	9/11/95	12/19/95	3/26/96
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
DRO					2,559.0						0.5			
GRO														
PVOC														
Methyl-t-butyl-ether	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<1.0	<1.0
Benzene	<1.0	<1.0	<0.50	<1.0	<1.0	**17.0**	<1.0		<0.50	<1.0	**290.0**	**5.6**	**3.8**	<1.0
Toluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	210.0	4.9	2.2	<1.0
Ethyl Benzene	<1.0	<1.0	<1.0	<1.0	<1.0	5.3	<1.0		<1.0	<1.0	190.0	4.5	2.2	<1.0
m-xylene														
o-xylene														
Total-xylene	<3.0	<3.0	<3.0	<1.0	<1.0	<1.0	<3.0		<3.0	<1.0	360.0	7.4	3.0	<1.0
1,2,4-Trimethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	72.0	1.6	<1.0	<1.0
1,3,5-Trimethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	28.0	<1.0	<1.0	<1.0
Metals														
Lead				<1.0	<1.0		<0.0015				<0.0015			
Cadmium				<2.0	2.0		<0.00050				<0.00050			
PAHs														
Anthracene	<0.20			<6.6	<6.6		4.0				<0.20			
Chrysene	<0.10			<1.5	<1.5		<.10				<0.10			
Fluoranthene	<0.20			<2.1	<2.1		0.8				<0.20			
Fluoroene	<0.40			<2.1	<2.1		0.7				<0.40			
Napthalene	<2.0	<2.0	<2.0	<18.0	<18.0		0.4	<1.0	<2.0		0.2			
Phenanthrene	<0.40			<6.4	<6.4		2.0				<0.40			
Pyrene	<0.20			<2.7	<2.7		0.3				<0.20			
VOC (WI Lust List)														
Bromodichloromethane											5.0			
TRPH	<100			<1.0	8.0		<100							
n-butylbenzenel	<1.0			<1.0	<1.0		<1.0				18.0			
Chloroethane	<4.0			<1.0	<1.0		<4.0				<4.0			
Chloroform	<1.0			<1.0	<1.0		<1.0				<1.0			
1,2-Dichlorobenzene	<1.0			<1.0	<1.0		<1.0				<1.0			
1,2-Dichloroethane	<1.0			<1.0	<1.0		**8.0**	**13.0**	**13.0**	**20.0**	<1.0			
Isopropylbenzene	<1.0			<1.0	<1.0		<1.0				11.0			
p-Isopropyltoluene	<1.0			<1.0	<1.0		<1.0				<1.0			
Methylene Chloride	<5.0			<1.0	29.2		<5.0				<5.0			
n-propylbenzene	<1.0			<1.0	<1.0		<1.0				19.0			
propylbenzene														

Shade=Exceeds NR700 Standards
Blank=Not Analyzed

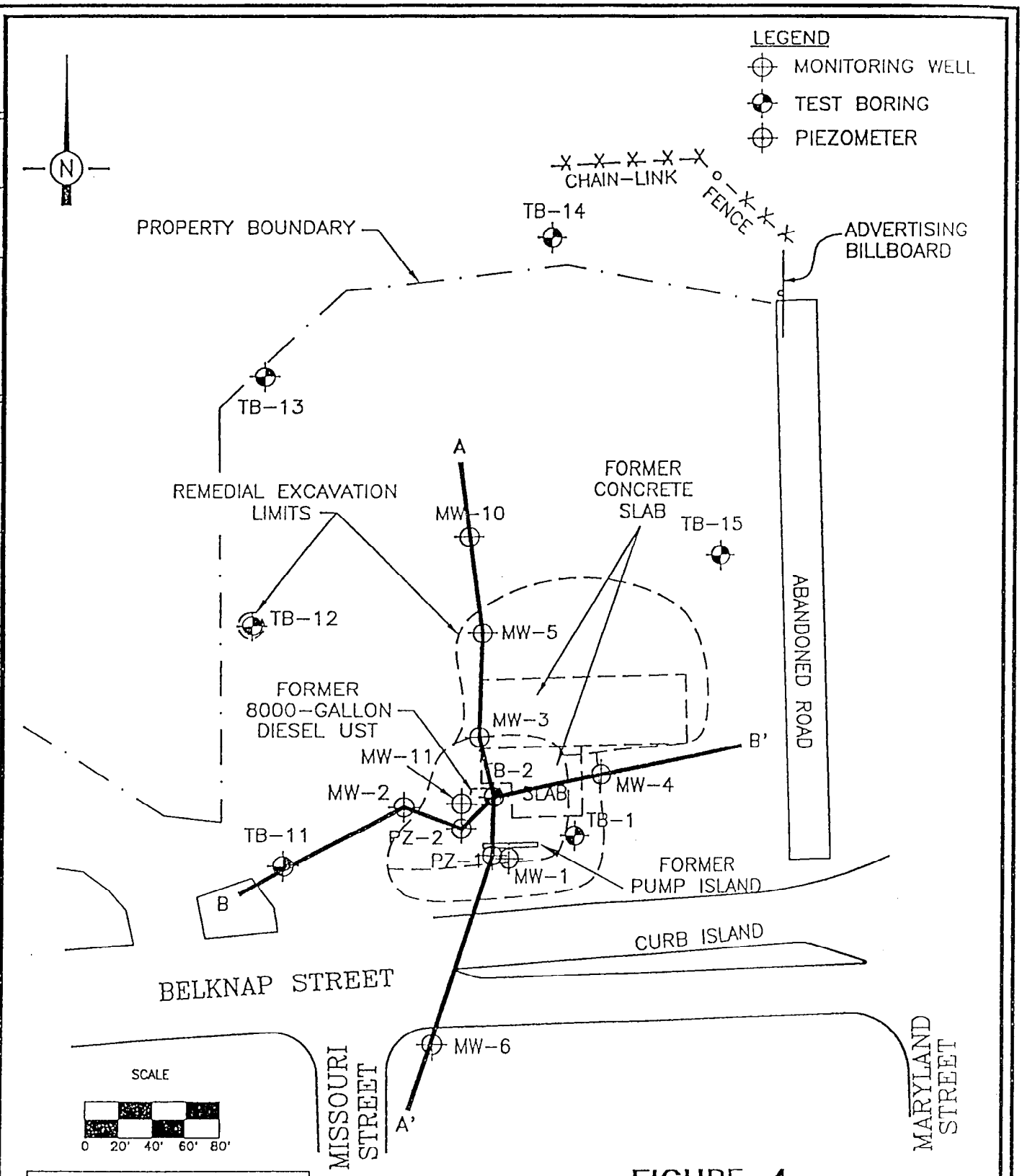
<=Not Detected at Indicated Concentration
BOLD-Exceeds WDNR Enforcement Standards

Table 5 (continued)
Ground Water Analytical Results
Indianhead Truck Line, Inc.
Superior, Wisconsin

Sample ID	MW - 12	MW - 12	MW - 12	PZ - 1	PZ - 2	PZ - 2	PZ - 2	PZ - 2
Sample Date	9/11/95	12/19/95	3/26/96	7/2/93	5/17/95	9/11/95	12/19/95	3/26/96
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
DRO				6,500.0				
GRO								
PVOC								
Methyl-t-butyl-ether	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0
Benzene	4.9	4.0	0.8	**26.0**	<1.0	<0.50	<0.50	<1.0
Toluene	3.8	2.3	<1.0	13.0	<1.0	<1.0	<1.0	<1.0
Ethyl Benzene	3.9	2.3	<1.0		1.8	<1.0	<1.0	<1.0
m-xylene								
o-xylene								
Total-xylene	6.4	3.2	<1.0		5.8	<3.0	<3.0	<1.0
1,2,4-Trimethylbenzene	1.5	<1.0			<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	<1.0	<1.0		33.0	<1.0	<1.0	<1.0	<1.0
Metals								
Lead					<0.0015			
Cadmium					<0.00050			
PAHs								
Anthracene				<0.20				
Chrysene				0.1	<0.10			
Fluoranthene				<0.20				
Fluoroene				7.3	<0.40			
Napthalene				93/34	<1.0	<1.0	<1.0	<1.0
Phenanthrene				4.5	<0.40			
Pyrene				<0.20				
VOC (WI Lust List)								
Bromodichloromethane				<1.0				
TRPH								
n-butylbenzenel				29.0	<1.0			
Chloroethane				<4.0				
Chloroform				**17.0**	<1.0			
1,2-Dichlorobenzene				<1.0				
1,2-Dichloroethane				<1.0				
Isopropylbenzene				<1.0				
p-Isopropyltoluene				<1.0				
Methylene Chloride				<5.0				
n-propylbenzene				<1.0				
propylbenzene								

Shade=Exceeds NR700 Standards
Blank=Not Analyzed

<=Not Detected at Indicated Concentration
BOLD-Exceeds WDNR Enforcement Standards



THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

Fluid Management, Inc.

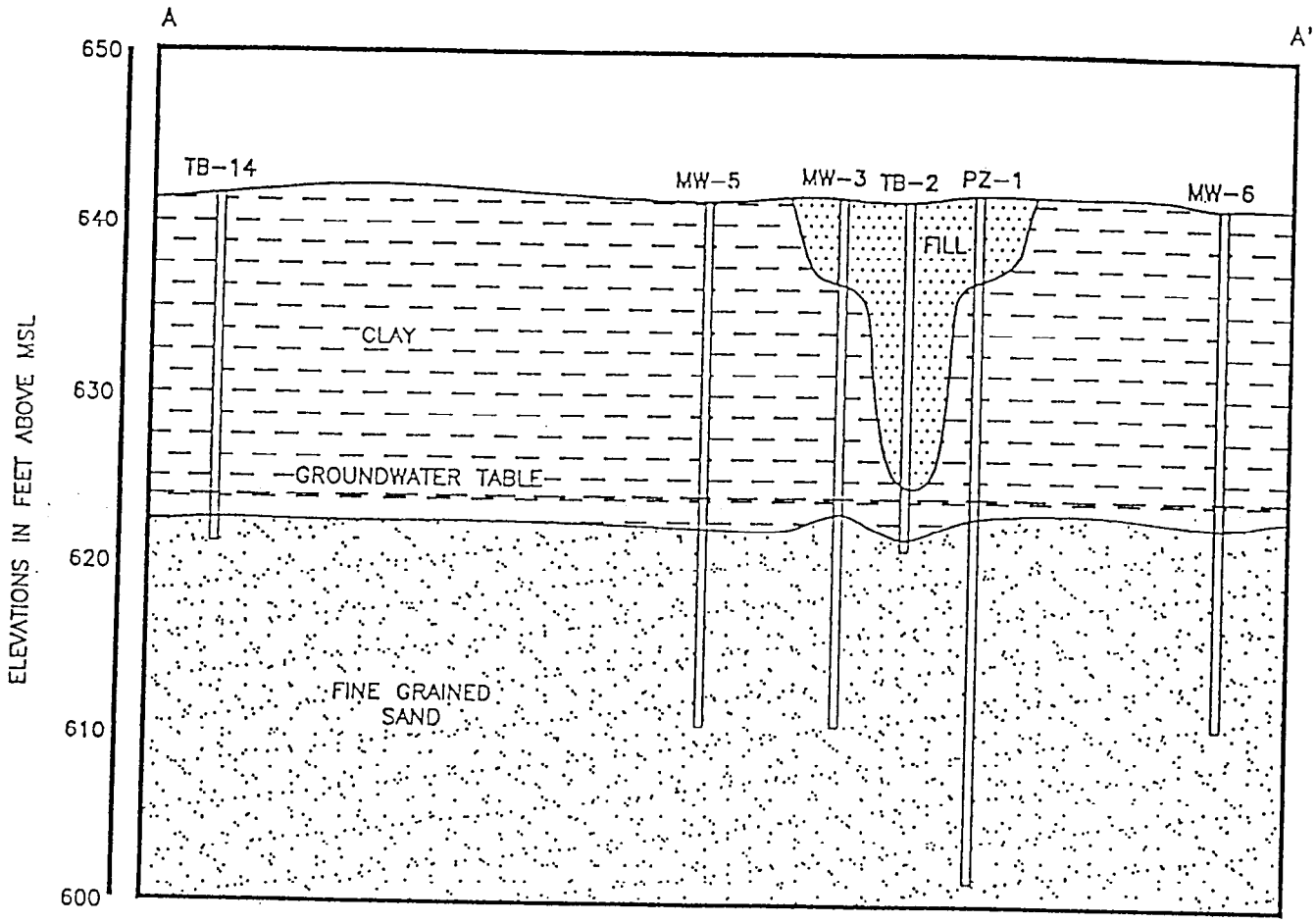
FIGURE 4
GEOLOGIC CROSS-SECTION
PLAN VIEW
INDIANHEAD TRUCK LINE, INC.
SUPERIOR, WISCONSIN

DRAWING NO.	92.672.4	DRAWN BY:	JDZ	11/2/95	CHECKED BY:	Emm	11/16/95	APPROVED BY:	11/16/95

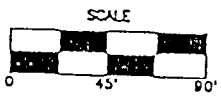
SERVICE

Environmental Engineering
2325 Endicott Street
St. Paul, MN 55114
(612) 644-6680

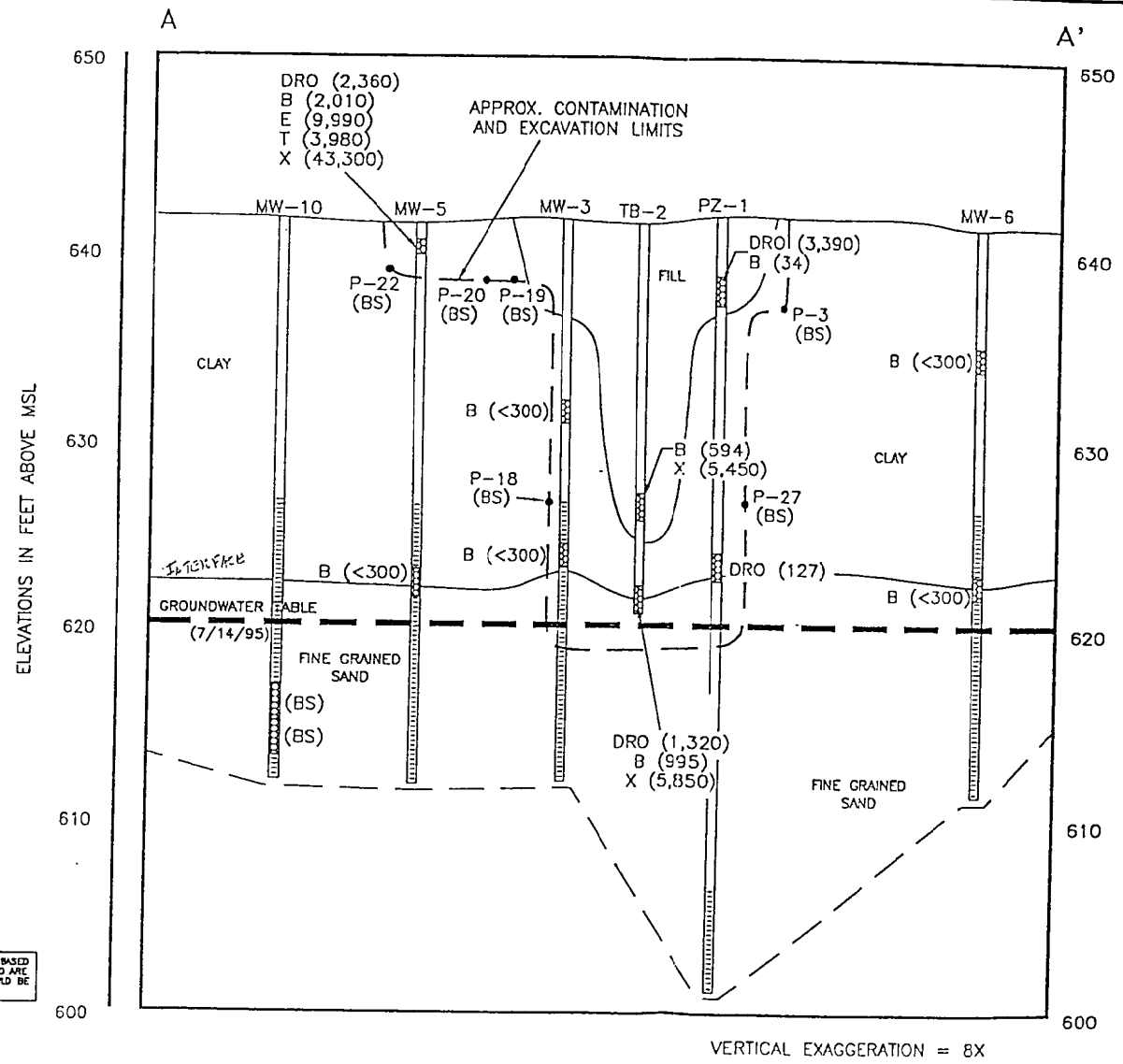
Client:	Indianhead Truck Line, Inc.
Address:	1423 Maryland Avenue
	Superior, Wisconsin
Project No:	96020
Figure 3:	Geologic Cross-Section



VERTICAL EXAGGERATION = 8X



DRAWING NO.	92.672.5	DRAWN BY:	KMA	11/15/95	CHECKED BY:	Emm	11/16/95	APPROVED BY:	[illegible]	11/16/95



VERTICAL EXAGGERATION = 8X

LEGEND

SOIL SAMPLE LOCATIONS

SCREENED INTERVAL

• EXCAVATION SOIL SAMPLE LOCATIONS

B BENZENE CONCENTRATIONS IN ppb

E ETHYLBENZENE CONCENTRATIONS IN ppb

T TOLUENE CONCENTRATIONS IN ppb

X XYLENES CONCENTRATIONS IN ppb

1,2-DCA CONCENTRATIONS IN ppb

DRO CONCENTRATIONS IN ppm

BS ALL PARAMETERS BELOW WDNR NR 720 SOIL CLEANUP STANDARDS

NOTE

ONLY WDNR NR 720 SOIL CLEANUP STANDARD EXCEEDANCES ARE SUMMARIZED

SCALE

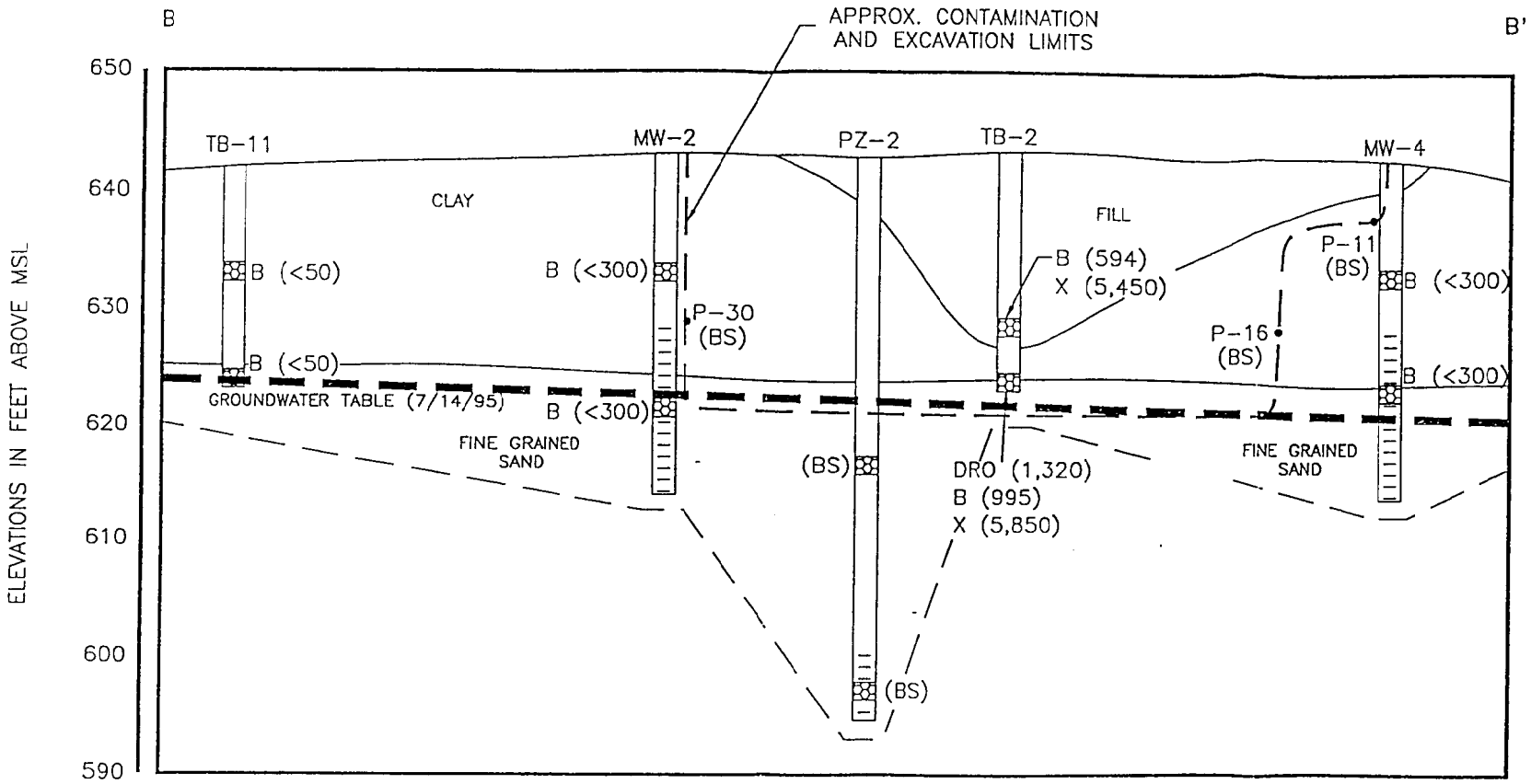
0 10' 20' 30' 40' 50'

THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTERNAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

Fluid Management, Inc.

FIGURE 5
GEOLOGIC
CROSS-SECTION A-A'
INDIANHEAD TRUCK LINE, INC.
SUPERIOR, WISCONSIN

DRAWING NO.	92.672.6	DRAWN BY:	KMA	11/15/95	CHECKED BY:	Emm	11/16/95	APPROVED BY:	[illegible]	11/16/95



VERTICAL EXAGGERATION = 2X

LEGEND

- SOIL SAMPLE LOCATIONS
- SCREENED INTERVAL
- EXCAVATION SOIL SAMPLE LOCATIONS

B BENZENE CONCENTRATIONS IN ppb
X XYLENES CONCENTRATIONS IN ppb
1,2-DCA CONCENTRATIONS IN ppb
DRO CONCENTRATIONS IN ppm
BS ALL PARAMETERS BELOW WDNR NR 720 SOIL CLEANUP STANDARDS

SCALE
0 10' 20'

THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

NOTE
ONLY WDNR NR 720 SOIL CLEANUP EXCEEDANCES ARE SUMMARIZED

Fluid Management, Inc.

FIGURE 6
GEOLOGIC
CROSS-SECTION B-B'
INDIANHEAD TRUCK LINE, INC.
SUPERIOR, WISCONSIN