Shaw Environmental & Infrastructure, Inc.

2835 N. Grandview Blvd.
P. O. Box 90
Pewaukee, WI 53072-0090
262.549.6898

Shaw™ Shaw Environmental & Infrastructure, Inc.

RECEIVED
JAN 27 2004
By VS

December 21, 2003

Mr. John Hnat
Wisconsin Department of Natural Resources
2300 N. Martin Luther King Drive
Milwaukee, Wisconsin 53212

Re: Closure Request – Alloy Products Corp. Site
Waukesha, Wisconsin
BRRTS No. ~~04-68-047693~~ 02-68-000601 2680167 60
Shaw Environmental Project No. P92680 / 100661

Dear Mr. Hnat:

On behalf of Alloy Products Corp., Shaw Environmental & Infrastructure Inc. (Shaw E & I) is requesting that closure be granted in accordance with NR 746.08 for the Alloy Products site located at 1045 Perkins Avenue Waukesha, Wisconsin 53186. Since excavation activities that included the removal of approximately 260 tons of cutting oil impacted soil in January 1994, Shaw E & I has conducted free product (cutting oil) removal activities from two on-site monitoring wells. Free product is no longer present in any monitoring wells. **Based on the source removal excavation and lack of groundwater impacts, it is Shaw E & I's conclusion that natural attenuation can be used as the final remedial option for the residual soil impacts on the site.**

Site Remedial Activities

In August 1993 Shaw E & I installed four soil borings in the area of the spill. Two soil samples were collected from each boring and analyzed for diesel range organics (DRO). Soil analytical results are outlined in Table 1. On January 4, 1994, Shaw E & I supervised the excavation of approximately 260 tons on cutting oil impacted soil from the observed spill area. The extent of the excavation ranged from 6 to 10 feet in depth and 24 feet by 29 feet laterally. The impacted soils were transported to Clean Soils, Inc. in Oak Creek, Wisconsin for thermal treatment. Side wall samples were collected from the side walls of the excavation and analyzed for DRO. Soil laboratory results from the side wall samples are outlined in Table 2. The laboratory results

indicated that a small amount of residual soil impacts above the 100 mg/kg NR 720 generic standard remained. Laboratory results from soil samples collected from the soil borings installed around the area of the excavation (see Table 1) indicate that soil impacts do not extend past the locations of the soil borings. Site investigation results can be found in Shaw E & I's correspondence to the Wisconsin Department of Natural Resources (WDNR) dated December 29, 1993. The results of the remedial excavation including figures, laboratory reports and chain-of-custody forms, soil boring logs and abandonment forms, and well construction and development forms were provided to the WDNR in Shaw E & I's correspondence dated August 2, 1994.

Groundwater Monitoring

Free product sampling was conducted on the three site monitoring wells 17 times between November 17, 1994 and April 25, 2003 for the presence of free product. Cutting oil free product abatement activities were initiated in December 1994. Free product was removed from the wells using a pump truck and disposed of off-site. Table 3 presents the results of the abatement activities. Since Shaw E & I's last update correspondence to the WDNR on August 2, 1994, water samples were collected from the three monitoring wells on November 11, 1994, June 13, 1995 and December 1, 1995 were submitted to a certified laboratory for analysis of DRO. Laboratory reports and chain-of-custody forms are provided in Attachment A. Table 4 presents the results of the groundwater analysis. By December 15, 1998, only a trace of cutting oil was detected in one well, MW-3. Free product sampling conducted on April 25, 2003 did not detect any evidence of cutting oil free product or sheen in this well.

CLOSURE CRITERIA

The site meets the closure criteria as specified in NR 746.08 as follows:

In reference to NR 746.08 (1) the site closure decisions are based upon ***"soil contamination only."***

1. **A site investigation has been conducted in compliance with the requirements of ch. NR 716**
   Envirogen submitted a site investigation report in December 1993.

2. **All risk screening in s. NR 746.06 (2) have been satisfied including:**

   a. **No environment factor as listed in NR 746.06 (2)(a) are present at the site**
      1. No expansion of the plume margin has been documented.
      2. No private or public well is located within 1,000 feet of the site.
      3. No contamination within bedrock or within one meter of bedrock was encountered.

4. No free product is currently present in any of the wells.
5. No discharges to surface water or wetland have been identified.

b. **Residual site soil contamination does not exceed NR 746.06 Table 1 values.** Cutting oils typically do not contain volatile organic compounds at concentration greater than those listed in Table 1. The investigation was conducted in accordance with the WDNR LUST Guidance document. The soils at the site were analyzed for DRO in accordance with a release of lubricating oils. The excavation of 260 tons of impacted soil in 1994 removed the majority of the most impacted soils.

c. **There is no soil contamination within four feet of the ground surface that exceeds any of the direct contact soil contamination concentrations of NR 746.06 Table 2.** Cutting oils typically do not contain volatile organic compounds at concentration greater than those listed in Table 2. Surficial soil in the area of the spill was removed during the excavation of 260 tons of impacted soil in 1994.

d. **There is no soil contamination within four feet of the ground surface not listed in NR 746.06 Table 2 that exceeds any of the direct contact soil contamination concentrations.** Cutting oils typically do not contain volatile organic compounds that have established direct contact values. Surficial soil in the area of the spill was removed during the excavation of 260 tons of impacted soil in 1994.

e. **If there are petroleum-product contaminants in soil or groundwater, the most recent release that caused or contributed to the contamination is more than 10 years old.**

   The release of cutting oil occurred in 1992, which is more than 10 years ago.

f. **No evidence of contaminant migration within a utility corridor or permeable material has been identified.** No evidence of migration has been identified.

g. **Migration of contamination to building foundation drain-tile, sumps or other points of entry have not been identified.** No evidence of migration has been identified.

h. **No NR 140 enforcement standard (ES) is attained or exceeded in any groundwater within 1000 feet of a well operated by a public utility or within 100 feet of a well used to provide water for human consumption.** Groundwater samples were analyzed for DRO in accordance with the WDNR LUST Guidance document for lubricating oils. Cutting oils typically do not contain volatile organic compounds that have established NR 140 ES clean up standards.

Cutting oil free product is no longer present in the monitoring wells. The small amount of DRO impacted soils that remained following excavation activities in 1994 are no longer impacting groundwater quality.

CONCLUSION AND RECOMMENDATIONS

The monitoring wells no longer exhibit any evidence of cutting oil free product. A small amount of residual DRO impacted soil remains but is limited to the site and is defined by the locations of the soil borings installed in 1993. It appears that groundwater impacts at the site have been effectively remediated as a results of excavation and free product removal activities, therefore, Shaw E & I believes that all appropriate remedial action has taken place and that no further action is required. Since the majority of the source soils have been removed and no longer adversely affect groundwater quality, natural attenuation should effectively reduce the DRO impacted residual soils. Shaw E & I, on behalf of it's client, is requesting that the site be granted closure based on the information presented in this report and the previously submitted correspondence. Since soil contamination is present above NR 720 generic standards for DRO, the site will be placed on the WDNR GIS Registry for soil impacts. The GIS submittal information is provided in Appendix B.

I, Matthew R. Giovanelli, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03(1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Matthew R. Giovanelli

Matthew R. Giovanelli, P.G., CHMM
Senior Geologist

MRG:dmk

Reviewed by:

Darren Engbring.

cc: Mr. Steve Jensen

LIST OF TABLES

1 Soil Laboratory Analytical Results

2 Sidewall Laboratory Analytical Results

3 Groundwater Laboratory Analytical Results

4 Cutting Oil Free Product Abatement Results

5 Groundwater Elevation Data

TABLE 1

Soil Laboratory Analytical Results
Alloy Products Site
Waukesha, Wisconsin
August 1993

Location	Depth (ft) (below ground surface)	Diesel Range Organics (DRO) mg/kg
B-1	3.5 - 5.0	<10.0
B-1	8.5 - 10.0	38.6
B-2 (MW-2)	6.0 - 7.5	<10.0
B-2 (MW-2)	8.5 - 10.0	102
B-3 (MW-3)	3.5 - 5.0	<10.0
B-3 (MW-3)	8.5 - 10.0	104
B-4 (MW-4)	6.0 - 7.5	<10.0
B-4 (MW-4)	8.5 - 10.0	<10.0

TABLE 2

Sidewall Laboratory Analytical Results
Alloy Products Site
Waukesha, Wisconsin
January 4, 1994

Sample Number	Sample Location	PID (ppm)	DRO (kg/mg)
1	SW Corner 6 ft.	7.3	138
2	South-Mid 12 ft.	39.2	3130
3	SE Corner 6 ft.	42.6	547
4	NE Corner 6 ft.	3.2	<10.0
5	NW Corner 6 ft.	8.2	382

TABLE 3

Groundwater Elevation with Free Product Interim Action Results
Alloy Products Site
Waukesha, Wisconsin

MW-3			Free Product Abatement		
Surface Elevation		100.19			
Top of Casing Elevation		99.71			
Bottom of Screen Elevation		80.21			
Measurement Date	**DTW (Casing)**	**Groundwater Elevation**	**Product Thickness (feet)**	**Product Removed (gallons)**	**Cumulative Removal (gallons)**
11/17/94	8.31	91.40	0.01	0.01	0.01
12/05/94	8.79	90.92	0.003	0.003	0.013
12/16/94	8.58	91.13	NM	0.01	0.023
06/13/95	8.97	90.74	NM	0	0.023
06/29/95	NM	NM	0.026	0	0.023
08/25/95	NM	NM	0.06	0.56	0.583
10/05/95	NM	NM	0.005	0.005	0.588
12/01/95	8.43	91.28	0.01	0.01	0.598
04/29/96	NM	NM	0.25	0.25	0.848
07/19/96	NM	NM	0.01	0.01	0.858
10/02/96	8.16	91.55	0.1	0.1	0.958
01/10/97	8.71	91.00	0.76	0.75	1.708
04/11/97	7.94	91.77	0.21	0.2	1.908
08/11/97	NM	NM	NM	0.5	2.408
05/26/98	7.25	92.46	0.25	0.25	2.658
12/15/98	8.4	91.31	0.31	0.31	2.968
04/25/03	8.59	91.12	0	0	2.968

(Continued)

Notes:

Measurements are in feet; elevations are relative to mean sea level
DTW: depth to water (from top of casing)
NM: Not Measured

TABLE 3
(Continued)

Groundwater Elevation with Free Product Interim Action Results
Alloy Products Site
Waukesha, Wisconsin

MW-4			Free Product Abatement		
Surface Elevation		100.51			
Top of Casing Elevation		100.27			
Bottom of Screen Elevation		80.77			
Measurement Date	**DTW (Casing)**	**Groundwater Elevation**	**Product Thickness (feet)**	**Product Removed (gallons)**	**Cumulative Removal (gallons)**
11/17/94	8.75	91.70	0	0	0
12/05/94	8.76	91.51	0	0	0
12/16/94	NM	NM	0	0	0
06/13/95	8.53	91.74	0	0	0
06/29/95	NM	NM	0	0	0
08/25/95	NM	NM	0	0	0
10/05/95	NM	NM	0	0	0
12/01/95	8.35	91.92	0	0	0
04/29/96	NM	NM	0	0	0
07/19/96	NM	NM	0	0	0
10/02/96	NM	NM	0	0	0
01/10/97	NM	NM	0	0	0
04/11/97	NM	NM	0	0	0
08/11/97	8.25	92.02	0	0	0
05/26/98	NM	NM	0.02	0.02	0.02
12/15/98	8.70	91.57	0	0	0.02
04/25/03	NM	NM	NM	NM	0.02

Notes:

Measurements are in feet; elevations are relative to mean sea level
DTW: depth to water (from top of casing)
NM: Not Measured

TABLE 4

Groundwater Quality Laboratory Analytical Results
Alloy Products Site
Waukesha, Wisconsin

Monitoring Well	Date Sampled	Diesel Range Organics (mg/l)
MW-2	10/12/93	0.25
	5/27/94	<0.10
	11/17/94	0.51
	6/13/95	4.0
	12/1/95	4.0
MW-3	10/12/93	0.42
	5/27/94	0.94
	11/17/94	1.1
	6/13/95	NA
	12/1/95	NA
MW-4	10/12/93	<0.10
	5/27/94	0.59
	11/17/94	<0.10
	6/13/95	0.98
	12/1/95	0.11
NR 140 Preventive Action Limit		No Standard
NR 140 Enforcement Standard		No Standard

TABLE 5

Groundwater Elevation
Alloy Products Site
Waukesha, Wisconsin

MW-2			MW-3			MW-4		
Surface Elevation		99.94	Surface Elevation		100.19	Surface Elevation		100.51
Top of Casing Elevation		99.44	Top of Casing Elevation		99.71	Top of Casing Elevation		100.27
Bottom of Screen Elevation		84.94	Bottom of Screen Elevation		85.21	Bottom of Screen Elevation		85.77
Measurement Date	DTW (Casing)	Groundwater Elevation	Measurement Date	DTW (Casing)	Groundwater Elevation	Measurement Date	DTW (Casing)	Groundwater Elevation
10/12/93	7.54	91.90	10/12/93	7.71	92.00	10/12/93	7.97	92.30
05/27/94	8.26	91.18	05/27/94	8.30	91.41	05/27/94	8.62	91.65
11/17/94	8.08	91.36	11/17/94	8.31	91.40	11/17/94	8.57	91.70
12/05/94	8.35	91.09	12/05/94	8.79	90.92	12/05/94	8.76	91.51
12/16/94	NM	NM	12/16/94	8.58	91.13	12/16/94	NM	NM
06/13/95	8.3	91.14	06/13/95	8.97	90.74	06/13/95	8.53	91.74
12/01/95	7.92	91.52	12/01/95	8.35	91.36	12/01/95	8.43	91.84
10/02/96	NM	NM	10/02/96	8.16	91.55	10/02/96	NM	NM
01/10/97	NM	NM	01/10/97	8.71	91.00	01/10/97	NM	NM
04/11/97	NM	NM	04/11/97	7.94	91.77	04/11/97	NM	NM
08/11/97	8.25	91.19	08/11/97	NM	NM	08/11/97	8.25	92.02
12/15/98	NM	NM	12/15/98	8.29	91.42	12/15/98	8.70	91.57
04/25/03	8.47	90.97	04/25/03	8.59	91.12	04/25/03	NM	NM

Notes:

Measurements are in feet; elevations are relative to mean sea level
DTW: depth to water (from top of casing)
NM: Not Measured

LIST OF APPENDICES

A Groundwater Laboratory Analytical Reports

B Soil GIS Registry Submittal Information

APPENDIX A

Groundwater Laboratory Analytical Reports

57044
92-680L

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120
WDNR No. 128053530

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ANALYTICAL AND QUALITY CONTROL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

12/13/1995

Job No: 95.09354

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
160752	MW-4 92.680	12/01/1995	12/04/1995
160753	MW-2 92.680	12/01/1995	12/04/1995
160754	MW-12 92.680	12/01/1995	12/04/1995

The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
C = Standard outside of control limits
F = Sample filtered in lab
H = Late eluting hydrocarbons present
J = Estimated concentration
M = Matrix interference
Q = Result confirmed via re-analysis
T = Does not match typical pattern
Z = Internal standard outside limits
B = Blank is contaminated
D = Diluted for analysis
G = Received past hold time
I = Improperly handled sample
L = Common lab solvent and contaminant
P = Improperly preserved sample
S = Sediment present
X = Unidentified compound(s) present

Operations Manager

Project Manager

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120

~~WDNR No. 128053530~~

ANALYTICAL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

12/13/1995
Job No: 95.09354
Sample No: 160752
Account No: 28500
Page 2

JOB DESCRIPTION: 92.680
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-4 92.680
Recv'd 3.0 C

Date Taken: 12/01/1995 16:30 Date Received: 12/04/1995

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
DRO Extraction	12/07/95			WDNR	12/07/1995	587
DRO - AQUEOUS	0.11	mg/L	0.10	WDNR	12/12/1995	587 853

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

12/13/1995
Job No: 95.09354
Sample No: 160753
Account No: 28500
Page 3

JOB DESCRIPTION: 92.680
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-2 92.680
Recv'd 3.0 C

Date Taken: 12/01/1995 16:45 Date Received: 12/04/1995

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
DRO Extraction		12/07/95			WDNR	12/07/1995	587
DRO - AQUEOUS	H	4.0	mg/L	0.10	WDNR	12/12/1995	587 853

NATIONAL ENVIRONMENTAL TESTING, INC.

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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

12/13/1995
Job No: 95.09354
Sample No: 160754
Account No: 28500
Page 4

JOB DESCRIPTION: 92.680
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-12 92.680
Recv'd 3.0 C

Date Taken: 12/01/1995 16:45 Date Received: 12/04/1995

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
DRO Extraction		12/07/95			WDNR	12/07/1995	587
DRO - AQUEOUS	H	1.5	mg/L	0.10	WDNR	12/12/1995	587 853

NATIONAL ENVIRONMENTAL TESTING, INC.

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QUALITY CONTROL REPORT

BLANKS

12/13/1995

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

Job No: 95.09354
Account No: 28500

Job Description: 92.680

Parameter	Prep Batch	Run Batch	Blank Result	Detection Limit	Units
DRO - AQUEOUS	587	851	<0.10	0.10	mg/L

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

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QUALITY CONTROL REPORT
LABORATORY CONTROL STANDARD

12/13/1995

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

Job No: 95.09354
Account No: 28500

Job Description: 92.680

Analyte	Prep Batch Number	Run Batch Number	LCS Amount	Units	LCS Result	Percent Recovery	LCSD Result	Percent Recovery	Relative Percent Difference
DRO - AQUEOUS	587	851	1000	mg/L	919	91.9	1014	101.4	9.7

NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

9509354

COMPANY: FMI
ADDRESS: P.O. Box 90 Pewaukee, WI 53072
PHONE: (414) 549-6898 FAX: (414) 549-6938
PROJECT NAME/LOCATION: ——
PROJECT NUMBER: 92.6080
PROJECT MANAGER: Tom Frost

REPORT TO: E. Hacks
INVOICE TO: EN 11540 040
P.O. NO.:
NET QUOTE NO.:

SAMPLED BY
(PRINT NAME) Barrett L. Bay SIGNATURE
(PRINT NAME) SIGNATURE

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: DRO
12/1/95	4:30	MW-4	H_2O	X						1	X
	4:45	MW-2								1	X
	4:45	MW-12								1	X
	~~4:30~~	~~Trip Blank~~				2	DLB				
	~~4:45~~	~~Decon Blank~~				2	DLB				

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes ___ No ___
Is this work being conducted for regulatory enforcement action? Yes ___ No ___
Which regulations apply: RCRA ___ NPDES Wastewater ___ UST ___ Drinking Water ___ Other ___ None ___

COMMENTS

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: 3°C
Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA ___
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS ___ DATE ___

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
[signature]			[signature] 12-4-95 1750	[signature]	12-4-95	1910	[signature] 12-5-95

METHOD OF SHIPMENT
REMARKS:

92.680-L 52692

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120
WDNR No. 128053530

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JUL 5 1995

ANALYTICAL AND QUALITY CONTROL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

06/23/1995

Job No: 95.03850

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
134350	MW-2 92.680	06/13/1995	06/14/1995
134351	MW-4 92.680	06/13/1995	06/14/1995
134352	MW-6 92.680	06/13/1995	06/14/1995

The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed past hold time
C = Standard outside of control limits
E = Extracted past hold time
G = Received past hold time
I = Improperly handled sample
L = Common lab solvent and contaminant
P = Improperly preserved sample
T = Does not match typical pattern
B = Blank is contaminated
D = Diluted for analysis
F = Sample filtered in lab
H = Late eluting hydrocarbons present
J = Estimated concentration
M = Matrix interference
S = Sediment present
X = Unidentified compound(s) present

Operations Manager

Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
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Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120
WDNR No. 128053530

ANALYTICAL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

06/23/1995
Job No: 95.03850
Sample No: 134350
Account No: 28500
Page 2

JOB DESCRIPTION: 92.680
PROJECT DESCRIPTION: Ground Water Analysis
SAMPLE DESCRIPTION: MW-2 92.680
Recv'd 2.0 C

Date Taken: 06/13/1995 09:20 Date Received: 06/14/1995

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
DRO Extraction	06/19/95			WDNR	06/19/1995	497
DRO - AQUEOUS	4.0	mg/L	0.10	WDNR	06/20/1995	497 701

NATIONAL ENVIRONMENTAL TESTING, INC.

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WDNR No. 128053530

ANALYTICAL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

06/23/1995
Job No: 95.03850
Sample No: 134351
Account No: 28500
Page 3

JOB DESCRIPTION: 92.680
PROJECT DESCRIPTION: Ground Water Analysis
SAMPLE DESCRIPTION: MW-4 92.680
Recv'd 2.0 C

Date Taken: 06/13/1995 09:25 Date Received: 06/14/1995

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
DRO Extraction	06/19/95			WDNR	06/19/1995	497
DRO - AQUEOUS	0.98	mg/L	0.10	WDNR	06/20/1995	497 701

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
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Fax: (414) 261-8120
WDNR No. 128053530

ANALYTICAL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

06/23/1995
Job No: 95.03850
Sample No: 134352
Account No: 28500
Page 4

JOB DESCRIPTION: 92.680
PROJECT DESCRIPTION: Ground Water Analysis
SAMPLE DESCRIPTION: MW-6 92.680
Recv'd 2.0 C

Date Taken: 06/13/1995 09:25 Date Received: 06/14/1995

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Extraction	06/19/95			WDNR	06/19/1995	497
- AQUEOUS	3.5	mg/L	0.10	WDNR	06/20/1995	497 701

NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY FMI
ADDRESS PO Box 90 Pewaukee WI 53072
PHONE 414 549-6898 FAX 414 549 6938
PROJECT NAME/LOCATION
PROJECT NUMBER 92.680
PROJECT MANAGER Tom Frost

REPORT TO: E. Hicks
INVOICE TO: EN11540
P.O. NO.
NET QUOTE NO.

SAMPLED BY Joy Marshall (PRINT NAME) Joy Marshall SIGNATURE
(PRINT NAME) SIGNATURE

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes X No
Is this work being conducted for regulatory enforcement action? Yes No X
Which regulations apply: RCRA UST X Other NPDES Wastewater Drinking Water None

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: DRO									COMMENTS
6/13/95	9:20	MW-2	H_2O	X		1					X									
	9:25	MW-4		X							X									
	9:25	MW-6		X							X									
	9:30	Decon Blank		X		2 40ml					~~X~~									
		Trip Blank		X							~~X~~									

No pf 6/21/95

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? ~~YES / NO~~
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: 2°C
Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS
DATE

B. Matyal 6/15/95 4:12

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
Joy Marshall	6/14/95	8:00	Jerry Schmitz 1825	Jerry Schmitz	6-14-95	1930	K Kurtz 6-16-96

METHOD OF SHIPMENT
REMARKS:

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

92.680 L

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120

WDNR No. 128053530

ANALYTICAL AND QUALITY CONTROL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

11/30/1994

Job No: 94.06541

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
116073	MW-2 92.680	11/17/1994	11/17/1994
116074	MW-3 92.680	11/17/1994	11/17/1994
116075	MW-4 92.680	11/17/1994	11/17/1994
116076	MW-5 92.680	11/17/1994	11/17/1994

The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed past hold time
C = Standard outside of control limits
E = Extracted past hold time
G = Received past hold time
I = Improperly handled sample
M = Matrix interference
S = Sediment present
X = Unidentified compound(s) present
B = Blank is contaminated
D = Diluted for analysis
F = Sample filtered in lab
H = Late eluting hydrocarbons present
J = Estimated concentration
P = Improperly preserved sample
T = Does not match typical pattern

Operations Manager

Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120

WDNR No. 128053530

ANALYTICAL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

11/30/1994
Job No: 94.06541
Sample No: 116073
Account No: 28500
Page 2

JOB DESCRIPTION: 92.680
PROJECT DESCRIPTION: Ground Water Analysis
SAMPLE DESCRIPTION: MW-2 92.680
Recv'd 2.0 C

Date Taken: 11/17/1994 09:35 Date Received: 11/17/1994

Parameter	Results	Units	Detection Limit	Method	Date Analyzed	Prep/Run Batch
DRO Extraction	11/21/94			WDNR	11/21/1994	389/
DRO - AQUEOUS	0.51	mg/L	0.10	WDNR	11/29/1994	389/540

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120

WDNR No. 128053530

ANALYTICAL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

11/30/1994
Job No: 94.06541
Sample No: 116074
Account No: 28500
Page 3

JOB DESCRIPTION: 92.680
PROJECT DESCRIPTION: Ground Water Analysis
SAMPLE DESCRIPTION: MW-3 92.680
Recv'd 2.0 C

Date Taken: 11/17/1994 10:15 Date Received: 11/17/1994

Parameter		Results	Units	Detection Limit	Method	Date Analyzed	Prep/Run Batch
DRO Extraction		11/21/94			WDNR	11/21/1994	389/
DRO - AQUEOUS	HX	1.1	mg/L	0.10	WDNR	11/29/1994	389/542

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120

~~WDNR No. 139053530~~

ANALYTICAL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

11/30/1994
Job No: 94.06541
Sample No: 116075
Account No: 28500
Page 4

JOB DESCRIPTION: 92.680
PROJECT DESCRIPTION: Ground Water Analysis
SAMPLE DESCRIPTION: MW-4 92.680
Recv'd 2.0 C

Date Taken: 11/17/1994 10:00 Date Received: 11/17/1994

Parameter	Results	Units	Detection Limit	Method	Date Analyzed	Prep/Run Batch
DRO Extraction	11/21/94			WDNR	11/21/1994	389/
DRO - AQUEOUS	<0.10	mg/L	0.10	WDNR	11/29/1994	389/542

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120

~~WDNR No. 139053530~~

ANALYTICAL REPORT

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

11/30/1994
Job No: 94.06541
Sample No: 116076
Account No: 28500
Page 5

JOB DESCRIPTION: 92.680
PROJECT DESCRIPTION: Ground Water Analysis
SAMPLE DESCRIPTION: MW-5 92.680
Recv'd 2.0 C

Date Taken: 11/17/1994 10:00 Date Received: 11/17/1994

Parameter	Results	Units	Detection Limit	Method	Date Analyzed	Prep/Run Batch
DRO Extraction	11/21/94			WDNR	11/21/1994	389/
DRO - AQUEOUS	<0.10	mg/L	0.10	WDNR	11/29/1994	389/540

OCEAN GROUP

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120

QUALITY CONTROL REPORT

BLANKS

11/30/1994

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

Job No: 94.06541
Account No: 28500

Job Description: 92.680

Parameter	Prep Batch	Run Batch	Blank Result	Detection Limit	Units
DRO - AQUEOUS	389	539	<0.10	0.10	mg/L
DRO - AQUEOUS	389	540	<0.10	0.10	mg/L

NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (414) 261-1660
Fax: (414) 261-8120

QUALITY CONTROL REPORT
LABORATORY CONTROL STANDARD

11/30/1994

Ms. Evelyn Hicks
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

Job No: 94.06541
Account No: 28500

Job Description: 92.680

Parameter	Prep Batch	Run Batch	True Value	Observed Value	Percent Recovery
DRO - AQUEOUS	389	540	500	534	106.8
DRO - AQUEOUS	389	540	500	559	111.8

OCEAN GROUP

WARRANTY DEED. STATE OF WISCONSIN — FORM No. 1

Section 235.10, Wisconsin Statutes

VOL 332 PAGE 453

This Indenture, Made this 9th day of September, A. D., 19 42, between WALTER R. FRAME and JESSICA O. FRAME, his wife, each individually and as husband and wife, parties of the first part, and ALLOY PRODUCTS CORP., a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Waukesha, Wisconsin, party of the second part,

Witnesseth, That the said parties of the first part, for and in consideration of the sum of FIVE THOUSAND ($5,000.00) - DOLLARS to them in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, have given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate, situated in the County of Waukesha and State of Wisconsin, to-wit: All that part of Block "D" of Oakland Heights Addition, to the City of Waukesha, as recorded on page 62, Vol. 5 of plats, Waukesha County records, and being a part of the North half of Section 2, Township 6 North, Range 19 East, and the South half of Section 35, Township 7 North, Range 19 East, bounded and described as follows: Commencing at the Northwest corner of said Block "D" which is in the center of Main Street; thence running South along the West line of said Block "D", 454.8 feet; thence North 78° 33 minutes East and parallel with the South line of said Block "D", 578.11 feet to a point in the Easterly line of said Block "D"; thence North 4° 46 minutes West along the Easterly line of said Block "D", 139.9 feet; thence North 63° 18 minutes West along the North Easterly line of said Block "D" 591.7 feet to the center of Main Street; thence South 60° West along the center of Main Street 160.2 feet to the place of beginning, excepting and reserving therefrom that part of the above described premises which lies Northwesterly of a line drawn 150 feet Southeasterly from and parallel to the Southeasterly line of Main Street, and subject- (a) to an easement for highway purposes held by the City of Waukesha over a strip of land 10 feet in width along the Westerly line of said Block "D" and the Easterly line of Perkins Avenue; and (b) to an easement for a sewer held by the City of Waukesha, pursuant to a deed executed by Joe Volpano and Angelina Volpano, his wife, to the City of Waukesha, dated July 16th, 1929, recorded in the office of the Register of Deeds for Waukesha County, Wisconsin, Aug. 21, 1929, in Vol. 221, of deeds, page 568, Doc. #167811. ALSO, all that part of the South half of Section 35, Township 7 North, Range 19 East, and being in the City of Waukesha, Waukesha County, Wisconsin, bounded and described as follows: Commencing at a point on the Easterly line of Block "D" of Oakland Heights Addition to the City of Waukesha, as recorded on page 62, Vol. 5 of plats, Waukesha County records, said point being North 4° 46 minutes West and 562 feet distant from the Southeasterly corner of said Block "D" and being on the South line of said Section 35; thence East on the South line of said Section 35, 3 feet more or less to the Westerly line of the right-of-way of the Chicago & Northwestern Railway Company; thence Northwesterly along the Westerly line of said right-of-way to the Southerly line of the Magnesia Spring Addition to the City of Waukesha, as recorded on page 17, Vol. 7 of plats, Waukesha County records; thence South 60° West along the Southerly line of said Magnesia Springs Addition 34 feet to the Northeasterly line of said Block "D" of said Oakland Heights Addition; thence South 63° 18 minutes East, along the Northeasterly line of said Block "D" 426.7 feet to the place of beginning.

Together and appurtenances thereunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said parties 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 successors and assigns FOREVER.

And the said Walter R. Frame and Jessica O. Frame, his wife, each individually and as husband and wife,

for themselves, their heirs, executors and administrators, do covenant, grant, bargain, and agree to and with the said party of the second part, its successors ~~heirs~~ and assigns, that at the time of the ensealing and delivery of these presents they are 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 successors ~~heirs~~ and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, they will forever WARRANT AND DEFEND.

In Witness Whereof, the said parties of the first part have hereunto set their hands and seals this 9th day of September A. D., 1942.

SIGNED AND SEALED IN PRESENCE OF

L. H. Billings

Elizabeth Hughes

Walter R. Frame (SEAL)

Jessica O. Frame (SEAL)

(SEAL)

(SEAL)

State of Wisconsin, } ss.
Waukesha County.

Personally came before me, this 9th day of September, A. D., 1942 the above named, WALTER R. FRAME and JESSICA O. FRAME, his wife,

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

L. H. Billings

Notary Public, Waukesha County, Wis.

My commission expires A. D., 19

L. H. BILLINGS NOTARY PUBLIC WAUKESHA CO. WIS.

No.

WALTER R. FRAME and JESSICA O. FRAME, his wife, each individually and as husband and wife,

TO

ALLOY PRODUCTS CORP.

Premises

Warranty Deed

This Instrument should be immediately placed upon record to avoid future trouble and litigation.

REGISTER'S OFFICE,
State of Wisconsin, } ss.
Waukesha County.

Received for Record this 2nd day of JANUARY A. D., 19 43, at 9:00 o'clock A. M., and recorded in Vol. 332 of Deeds, on page 453

Register of Deeds.

Deputy.

All that part of Block "D" of Oakland Heights Addition, to the City of Waukesha, as recorded on page 62, Vol. 5 of plats, Waukesha County records, and being a part of the North half of Section 2, Township 6 North, Range 19 East, and the South half of Section 35, Township 7 North, Range 19 East, bounded and described as follows: Commencing at the Northwest corner of said Block "D" which is in the center of Main Street; thence running South along the West line of said Block "D",454.8 feet; thence North 78° 33 minutes East and parallel with the South line of said Block "D", 578.11 feet to a point in the Easterly line of said Block "D"; thence North 4° 46 minutes West along the Easterly line of said Block "D", 139.9 feet; thence North 63° 18 minutes West along the North Easterly line of said Block "D" 591.7 feet to the center of Main Street; thence South 60° West along the center of Main Street 160.2 feet to the place of beginning, excepting and reserving therefrom that part of the above described premises which lies Northwesterly of a line drawn 150 feet Southeasterly from and parallel to the Southeasterly line of Main Street, and subject-(a) to an easement for highway purposes held by the City of Waukesha over a strip of land 10 feet in width along the Westerly line of said Block "D" and the Easterly line of Perkins Avenue; and (b) to an easement for a sewer held by the City of Waukesha, pursuant to a deed executed by Joe Volpano and Angelina Volpano, his wife, to the City of Waukesha, dated July 16th, 1929, recorded in the office of the Register of Deeds for Waukesha County, Wisconsin, Aug. 21, 1929, in Vol. 221, of deeds, page 568, Doc. #167811. ALSO, all that part of the South half of Section 35, Township 7 North, Range 19 East, and being in the City of Waukesha, Waukesha County, Wisconsin, bounded and described as follows: Commencing at a point on the Easterly line of Block "D" of Oakland Heights Addition to the City of Waukesha, as recorded on page 62, Vol. 5 of plats, Waukesha County records, said point being North 4° 46 minutes West and 562 feet distant from the Southeasterly corner of said Block "D" and being on the South line of said Section 35; thence East on the South line of said Section 35, 3 feet more or less to the Westerly line of the right-of-way of the Chicago & Northwestern Railway Company; thence Northwesterly along the Westerly line of said right-of-way to the Southerly line of the Magnesia Spring Addition to the City of Waukesha, as recorded on page 17, Vol. 7 of plats, Waukesha County records; thence South 60° West along the Southerly line of said Magnesia Springs Addition 34 feet to the Northeasterly line of said Block "D" of said Oakland Heights Addition; thence South 63° 18 minutes East, along the Northeasterly line of said Block "D" 428.7 feet to the place of beginning.

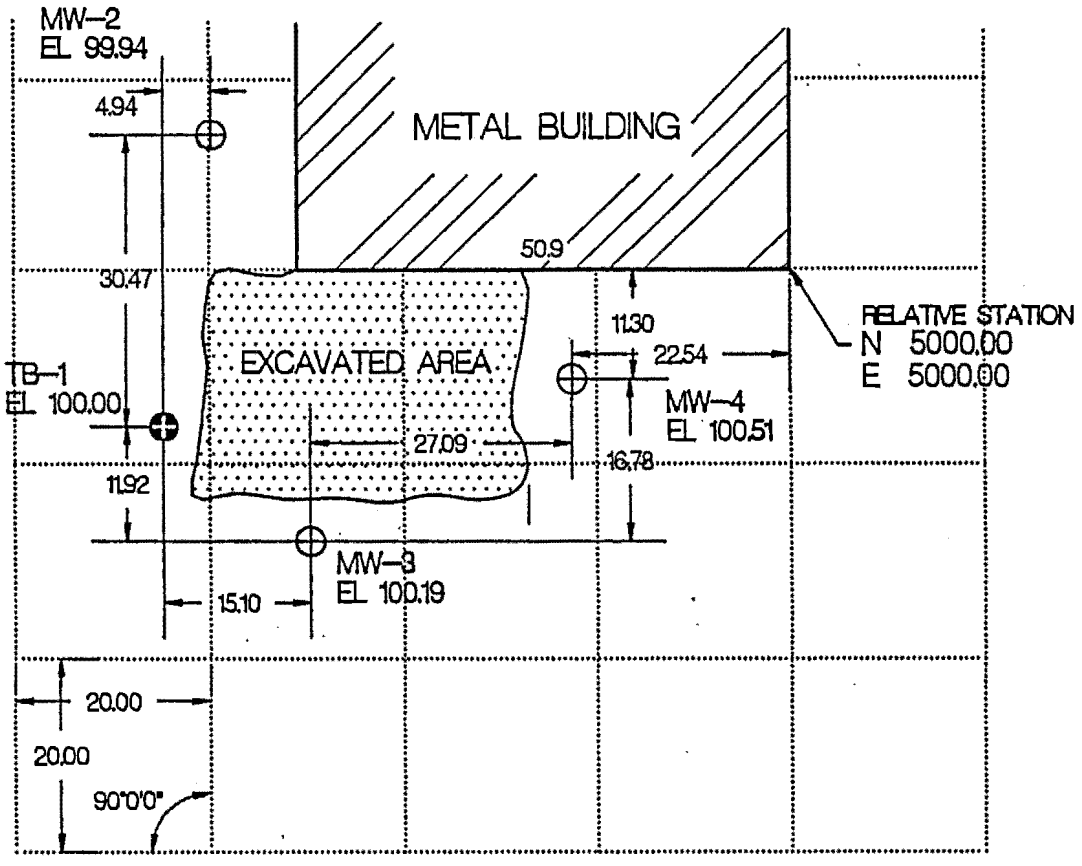
SITE MAP

MW–2 N 5059.79
E 5014.28
TC 99.44
EL 99.94

MW–3 N 5049.62
E 4971.89
TC 99.71
EL 100.19

MW–4 N 5022.54
E 4988.67
TC 100.27
EL 100.51

TB–1 N 5064.73
E 4983.81
EL 100.00



WISCONSIN
MARK L.
WERTZ
S-1915
Milwaukee,
Wis.
LAND SURVEYOR

PERKINS AVENUE

NOTE: ALL ELEVATIONS ARE RELATIVE.

ALLOY PRODUCTS CO.
WAUKESHA, WISCONSIN

LIS
LAND INFORMATION SERVICES, INC.
SURVEYORS & CONSULTANTS
214 EAST MICHIGAN STREET
MILWAUKEE, WISCONSIN 53202
414-291-0428

1. UNDERGROUND SEWER AND UTILITY INFORMATION IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES, THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED TO.
2. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN TH PROJECT AREA THAT ARE NOT SHOWN.
3. VERTICAL DATUM IS BASED AT MEAN SEA LEVEL, 1929 ADJUSTMENT.

TEST BORING (TB)
MONITORING WELL (MW)

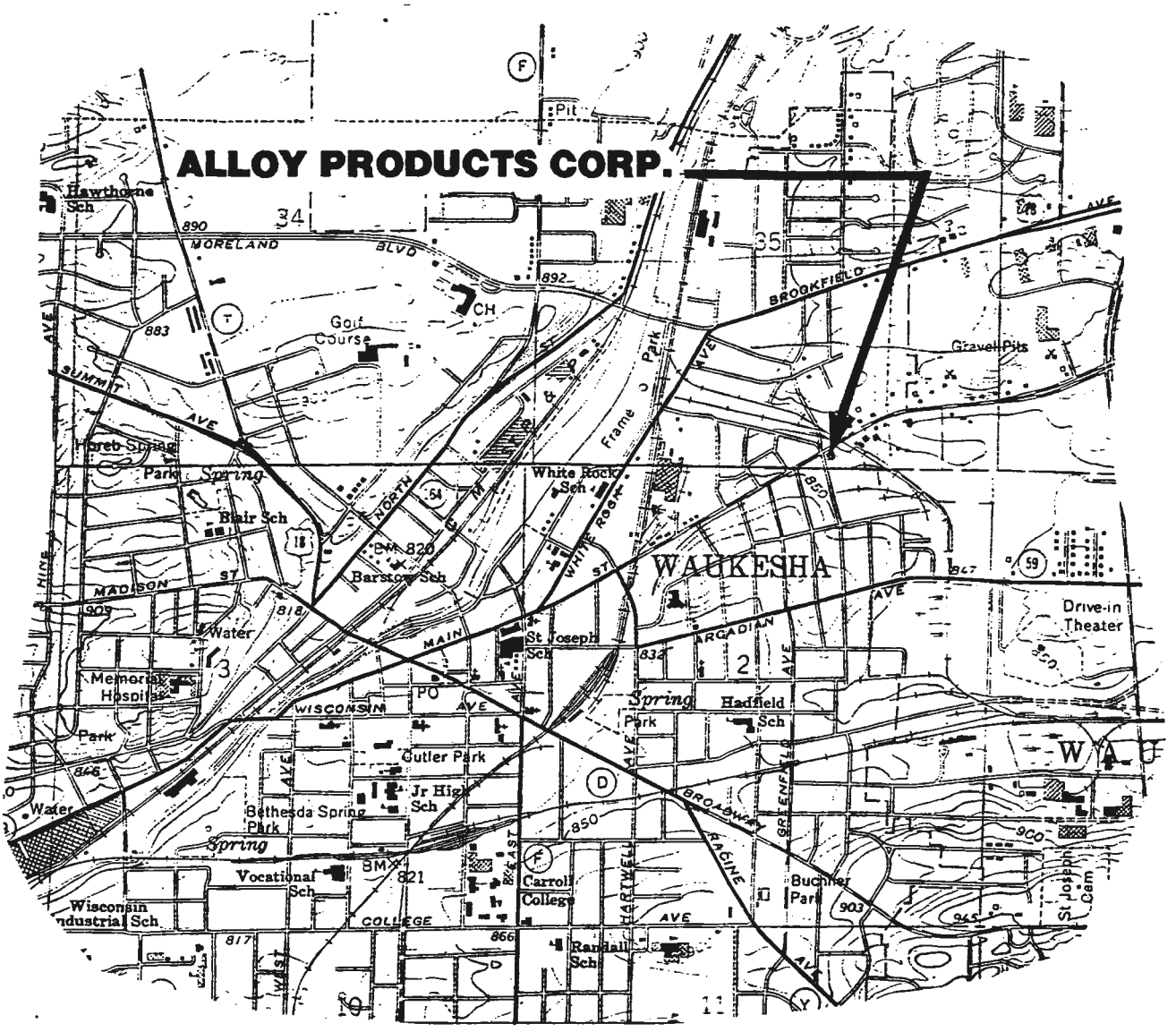
0 10 20
1 inch = 20 FEET

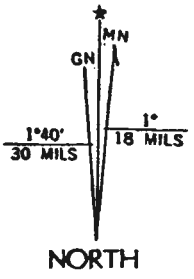
DRAWN/CHKD:	CAJ/MLW
LIS JOB NO:	94–1100–01
RMI JOB No:	92680
DATE:	04–29–94

Scale 1 : 12,468

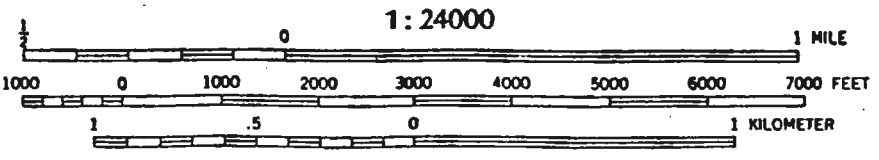
Please read the documentation for more information.

▲WTM coordinates: 665625, 284350





SCALE
1 : 24000



CONTOUR INTERVAL 10 FEET

LOCATION

Fluid Management, Inc.

FIGURE 2.1

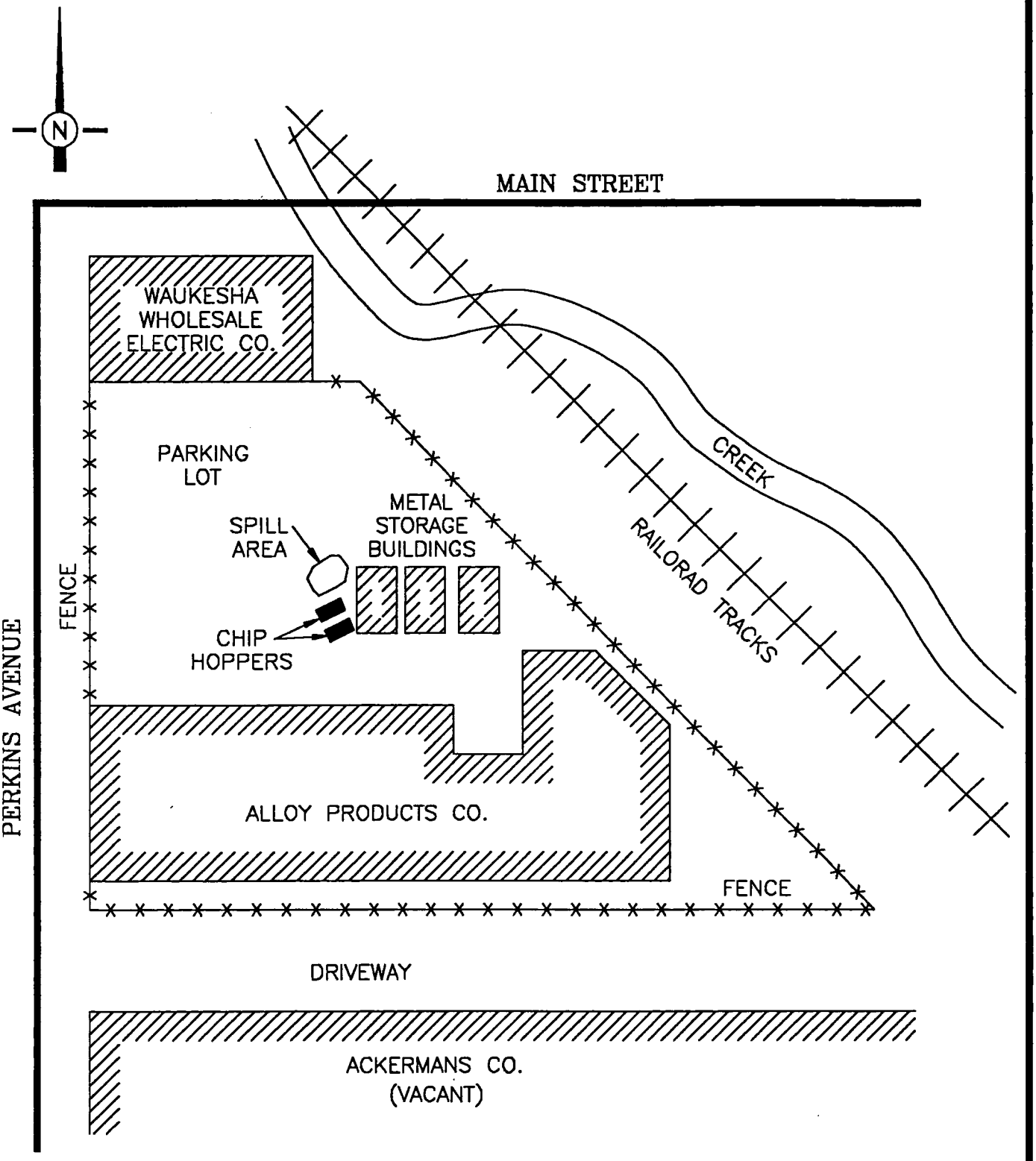
SITE LOCATION MAP

APPROVED BY:

CHECKED BY:

DRAWN BY:

DRAWING NO.



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
ALLOY PRODUCTS CO.
WAUKESHA, WISCONSIN

APPROVED BY:	
CHECKED BY:	
DRAWN BY:	SAJ 4/21/93
DRAWING NO.	92.680.22

Table 1 Soil Analytical Laboratory Results
Alloy Products
Waukesha, Wisconsin
January 4, 1994

Sample Number	Sample Location (feet below ground surface)	PID (ppm)	DRO (ppm)
1	SW Corner 6 ft.	7.3	138
2	South-Mid 12 ft.	39.2	3130
3	SE Corner 6 ft.	42.6	547
4	NE Corner 6 ft.	3.2	<10.0
5	NW Corner 6 ft.	8.2	382

Notes:

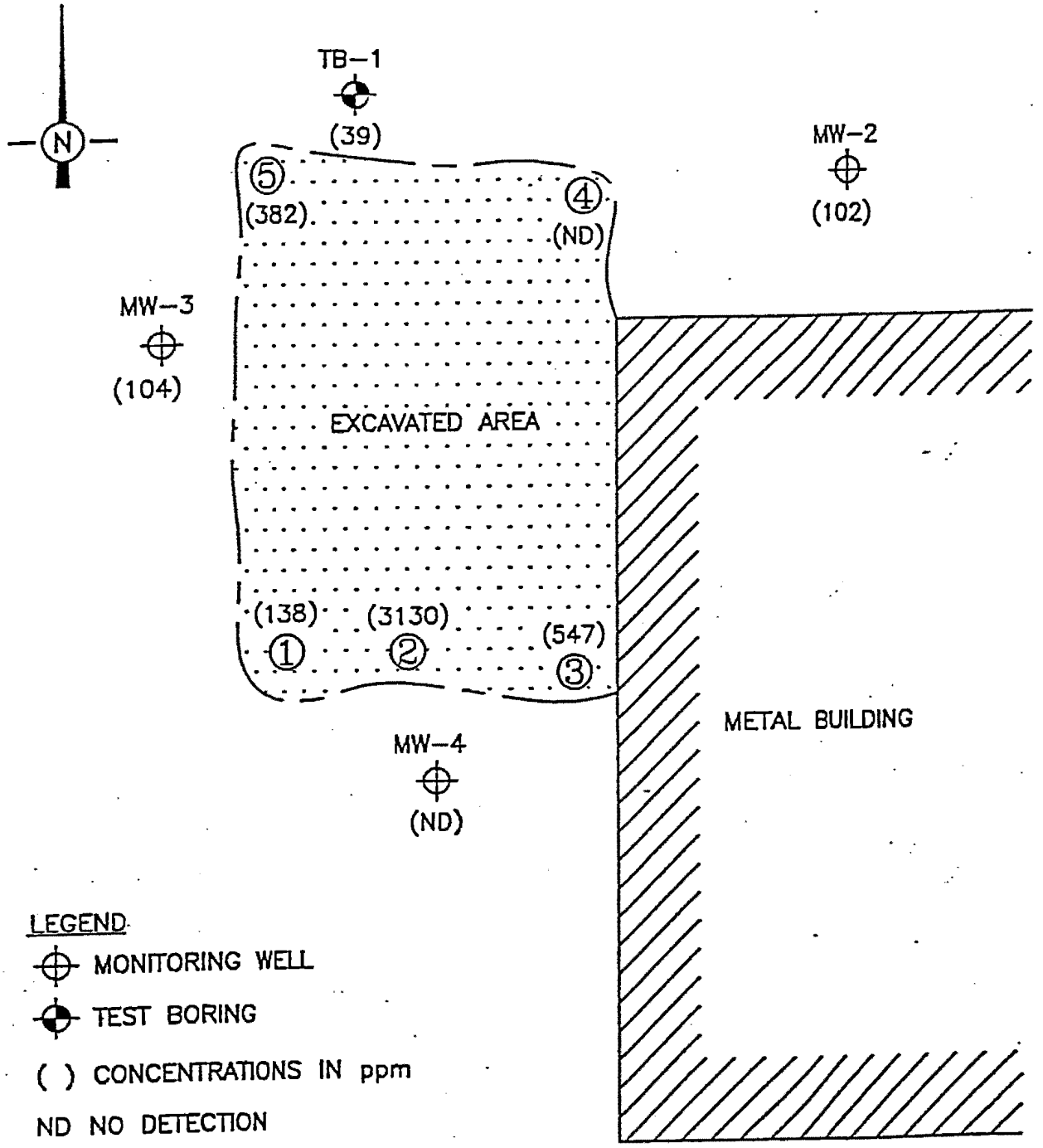
DRO: Diesel range organics
PID: Photoioization detector

Table 3
Groundwater Elevation
Alloy Products
Waukesha, Wisconsin

MW-2			MW-3			MW-4		
Surface Elevation		99.94	Surface Elevation		100.19	Surface Elevation		100.51
Top of Casing Elevation		99.44	Top of Casing Elevation		99.71	Top of Casing Elevation		100.27
Bottom of Screen Elevation		84.94	Bottom of Screen Elevation		85.21	Bottom of Screen Elevation		85.77
Measurement Date	DTW (Casing)	Groundwater Elevation	Measurement Date	DTW (Casing)	Groundwater Elevation	Measurement Date	DTW (Casing)	Groundwater Elevation
10/12/1993	7.54	91.90	10/12/1993	7.71	92.00	10/12/1993	7.97	92.30
5/27/1994	8.26	91.18	5/27/1994	8.30	91.41	5/27/1994	8.62	91.65
11/17/94	8.08	91.36	11/17/94	8.31	91.40	11/17/94	8.57	91.70
12/05/94	8.35	91.09	12/05/94	8.79	90.92	12/05/94	8.76	91.51
12/16/94	NM	NM	12/16/94	8.58	91.13	12/16/94	NM	NM
06/13/95	8.3	91.14	06/13/95	8.97	90.74	06/13/95	8.53	91.74
12/01/95	7.92	91.52	12/01/95	8.35	91.36	12/01/95	8.43	91.84
10/02/96	NM	NM	10/02/96	8.16	91.55	10/02/96	NM	NM
01/10/97	NM	NM	01/10/97	8.71	91.00	01/10/97	NM	NM
04/11/97	NM	NM	04/11/97	7.94	91.77	04/11/97	NM	NM
08/11/97	8.25	91.19	08/11/97	NM	NM	08/11/97	8.25	92.02
12/15/98	NM	NM	12/15/98	8.29	91.42	12/15/98	8.70	91.57
04/25/03	8.47	90.97	04/25/03	8.59	91.12	04/25/03	NM	NM

Note: Measurements are in feet; elevations are relative to mean sea level

DTW=depth to water (from top of casing) NM=Not Measured



LEGEND

- MONITORING WELL
- TEST BORING
- ( ) CONCENTRATIONS IN ppm
- ND NO DETECTION
- ① EXCAVATION SOIL SAMPLE LOCATION

SCALE

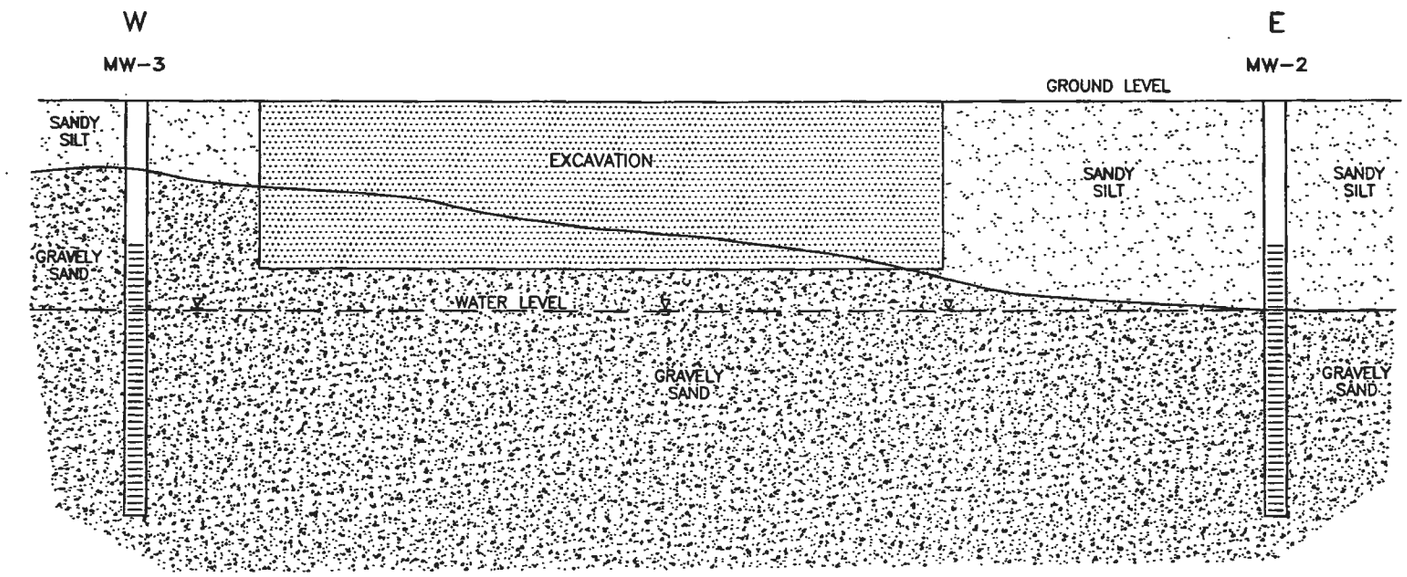
0 2' 4' 6' 8' 10'

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 1
SOIL DRO DISTRIBUTION MAP
ALLOY PRODUCTS CORP.
WAUKESHA, WISCONSIN

APPROVED BY:	
CHECKED BY:	
5/2/94	
DRAWN BY:	DLA
DRAWING NO.	92.680.2



0 5 10
SCALE FEET

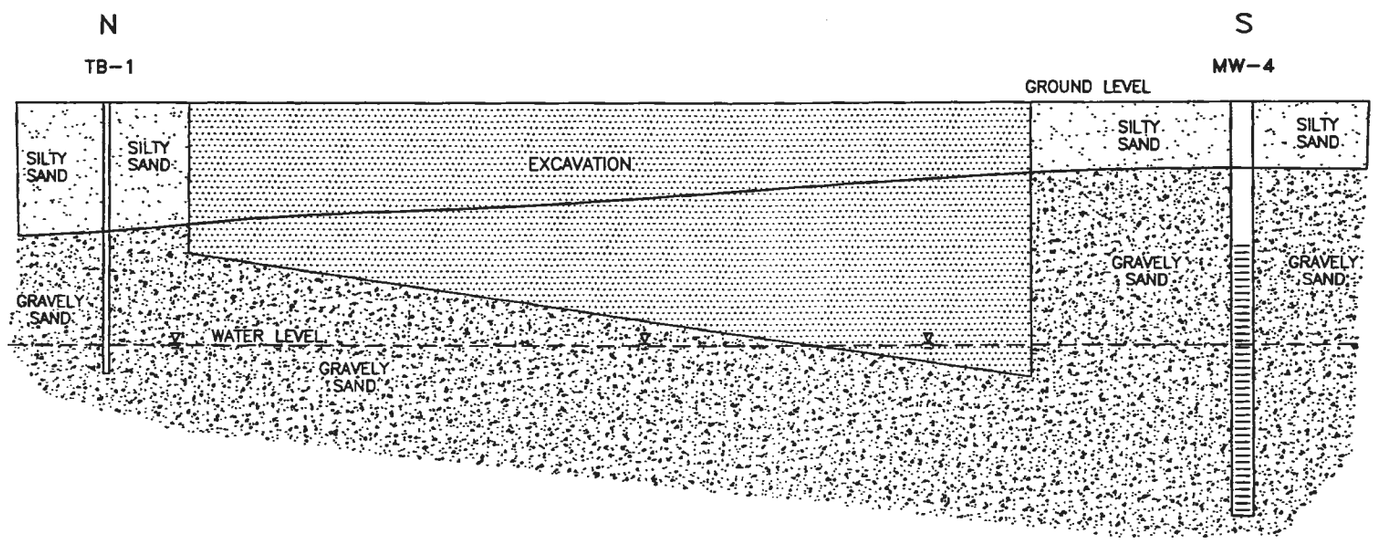
VERTICAL SCALE 1"=5'

Shaw
Shaw Environmental & Infrastructure, Inc.
2835 NORTH GRANDVIEW BLVD.
PEWAUKEE, WISCONSIN 53072-0090

REV. NO.:	DRAWING DATE: 10/26/03	ACAD FILE: ALLOYAA

GEOLOGIC
CROSS SECTION W-E

CLIENT: ALLOY PRODUCTS CORP.			PM:
LOCATION: WAUKESHA, WISCONSIN			PE/RG:
DESIGNED:	DETAILED: RHW	PROJECT NO.:	FIGURE: 2



0 5 10
SCALE FEET
VERTICAL SCALE 1"=5'

Shaw™
Shaw Environmental & Infrastructure, Inc.
2835 NORTH GRANDVIEW BLVD.
PEWAUKEE, WISCONSIN 53072-0090

REV. NO.:	DRAWING DATE: 10/26/03	ACAD FILE: ALLOYAA

GEOLOGIC
CROSS SECTION N-S

CLIENT: ALLOY PRODUCTS CORP.			PM:
LOCATION: WAUKESHA, WISCONSIN			PE/RG:
DESIGNED:	DETAILED: RHW	PROJECT NO.:	FIGURE: 3

ALLOY PRODUCTS CORP.

1045 PERKINS AVENUE ■ P.O. BOX 529 ■ WAUKESHA, WI 53187-0529

PHONE 262-542-6603 ■ FAX 262-542-5421 ■ www.alloyproductscorp.com

October 30, 2003

RECEIVED [illegible] 2003

I Robert Rosenkranz, Responsible Party (RP) for petroleum clean-up at the Alloy Products Corporation site located at 1045 Perkins Avenue, Waukesha, Wisconsin, do hereby certify that to the best of my knowledge the legal descriptions included are complete and accurate.

Robert Rosenkranz

Robert Rosenkranz
C.F.O.

ALLOY PRODUCTS CORP.

RR:vb