241334060

RBT

NOV 2 9 1993

File ?

GRAEF
ANHALT
SCHLOEMER
and Associates Inc.

Engineers & Scientists
345 North 95th Street, Milwaukee, Wisconsin 53226 • 414-259-1500 • FAX 414-259-0037

November 12, 1993
(928521)

Mr. Robert Hoffmeier
Phoenix Products, Inc.
6160 North 64th Street
Milwaukee, Wisconsin 53233

Re: Staged Soil Disposal, Phoenix Products, Inc., 6160 N. 64th Street, Milwaukee, Wisconsin

Dear Bob:

Between September 30 and October 19, 1993, approximately 650 yd^3 (920 tons) of #6 fuel oil contaminated soil, formerly staged at two separate locations at the property referenced above, was removed and transported for disposal at Hechimovich Sanitary Landfill, Inc. in Horicon, Wisconsin. Graef, Anhalt, Schloemer & Associates, Inc. personnel were on-site to observe and photograph a portion of the soil removal activities, and to collect soil samples from underneath the staged soil for field screening analysis.

Presented in Attachment A are photographs taken by GAS personnel before and after the staged soil was removed for disposal. Also, enclosed in Attachment B are field screening logs of responses from soil samples collected from under each staged soil pile, and the weight tickets received from Hechimovich Sanitary Landfill, Inc. (Attachment C).

Field screening responses from soil collected at the surface beneath the contaminated soil piles ranged from less than detectable to 6.1 instrument units. Based on GAS's interpretation of these field screening responses and the fact that the soil was staged on top of plastic sheeting, the contaminated soil is not believed to have impacted the clean soil beneath the two piles.

Milwaukee, Wisconsin
Little Chute, Wisconsin
Madison, Wisconsin
Chicago, Illinois
Colorado Springs, Colorado

With your approval, a copy of this letter will be sent to Mr. John Feeney of the Wisconsin Department of Natural Resources for his review and comment. Thank you for allowing GAS to provide these environmental consulting services. Should you have any questions regarding this matter, please contact me at 256-4060.

Sincerely,
GRAEF, ANHALT, SCHLOEMER
& ASSOCIATES, INC.

Robert B. Thomson
Project Geologist

encl.
rbt/RBT

ATTACHMENT A

Staged Soil-September, 1990.

Soil Removed-October, 1993

NORTHERN SOIL PILE	**SCALE:** NTS
	DATE: 11/11/93
	PROJECT MGR: RBT
Phoenix Products, Inc.	**DRAWN BY:** RBT
6160 N. 64th Street	**JOB NUMBER:** 928521
Milwaukee, Wisconsin	**REVISION DATE:**

GRAEF ANHALT SCHLOEMER *and Associates Inc.*
ENGINEERS & SCIENTISTS

ATTACHMENT A.1

Staged Soil-September, 1990.

Soil Removed-October, 1993

SOUTHERN SOIL PILE

Phoenix Products, Inc.
6160 N. 64th Street
Milwaukee, Wisconsin

SCALE:	NTS
DATE:	11/11/93
PROJECT MGR:	RBT
DRAWN BY:	RBT
JOB NUMBER:	928521
REVISION DATE:	

GRAEF ANHALT SCHLOEMER
and Associates Inc.
ENGINEERS&SCIENTISTS

ATTACHMENT A.2

ATTACHMENT B

FIELD SCREENING LOG

Graef Anhalt Schloemer & Associates Inc.
(414) 259-1500 FAX (414) 259-0037

PROJECT: PHOENIX PRODUCTS INC. **PROJECT NO.:** 928521
LOCATION: 6164 N. 64TH ST.MILWAUKEE **DATE:** 9/30/93
WEATHER: P. CLOUDY 60 F **LAB USED:** NONE USED
INSTRUMENT: OVM #2 **SAMPLER:** JCS
CALIBRATION: 12:15 PM, 100ppm ISOBUTYLENE GAS, 95.1IUs
TIME, CALIBRATION GAS, POT. READING

SAMPLE NUMBER	SAMPLE LOCATION	DEPTH (FEET)	TIME COLLECTED	TIME SCREENED	RESULT (IU)	LAB SAMPLE
SS-1	N. PILE- WEST SIDE	0.5	1:40 AM	2:00 AM	1.1	BELOW PILE
SS-2	N. PILE- MIDDLE WEST SIDE	0.25	1:45 AM	2:01 AM	0.0	BELOW PILE

928521.9/30/93

FIELD SCREENING LOG

Graef Anhalt Schloemer & Associates Inc.
(414) 259-1500 FAX (414) 259-0037

PROJECT: PHOENIX PRODUCTS INC. **PROJECT NO.:** 928521
LOCATION: 6164 N. 64TH ST.MILWAUKEE **DATE:** 10/1/93
WEATHER: P. CLOUDY 60 F **LAB USED:** NONE USED
INSTRUMENT: OVM #2 **SAMPLER:** JCS
CALIBRATION: 12:15 PM, 100ppm ISOBUTYLENE GAS, 95.1IUs

TIME, CALIBRATION GAS, POT. READING

SAMPLE NUMBER	SAMPLE LOCATION	DEPTH (FEET)	TIME COLLECTED	TIME SCREENED	RESULT (IU)	LAB SAMPLE
SS-3	N. PILE- FAR WEST END	---	2:30 PM	2:52 PM	35.4	LANDFILLED
SS-4	N. PILE-WEST END N. SIDE	1.0	2:35 PM	2:55 PM	6.1	BELOW PILE
	SOUTH PILE					
SS-5	S. PILE- N END E. SIDE	1.0	2:57 PM	3:10 PM	0.4	BELOW PILE
SS-6	S. PILE- N. END MIDDLE	1.0	2:58 PM	3:12 PM	0.7	BELOW PILE
SS-7	S. PILE- EAST SIDE MIDDLE	1.0	3:15 PM	3:35 PM	0.0	BELOW PILE

928521.FS.LOG.10/1/93

ATTACHMENT C

6930

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST-- CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 1 TRUCK NO.
11:07 am 10/19/93
3 ID NO.
67240 lb Gross
29720
37520

PROFILE # 930156
GENERATOR Phoenix Products Inc.
GENERATOR SIGNATURE [signature] DATE 10-19-93
REMARKS C-Soil

DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY [signature]

DRIVER'S SIGNATURE

6634

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 5 TRUCK NO.
11:08 am 10/19/93
4 ID NO.
59540 lb Gross
27540
32,000

PROFILE # 930156
GENERATOR Phoenix Products
GENERATOR SIGNATURE [signature] DATE 10-19-93
REMARKS C-Soil

DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY [signature]

DRIVER'S SIGNATURE Hal Klamman #45

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO. 60
12:10 PM 10/05/93
31 ID NO.
64780 lb Gross
- 26580
38,200
19.1 Tons

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE Jim Kaye DATE 10-1-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BG
DRIVER'S SIGNATURE Mike Ryan #60

6601

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

#64

WEIGHED TRUCK NO. 84
01:09 PM 09/30/93
85 ID NO.
71600 lb Gross
- 26440
45,160

PROFILE # 930156
GENERATOR Phoenix Products, Inc.
GENERATOR SIGNATURE Robert Hoffmeier DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BG
DRIVER'S SIGNATURE Ron B.

6603

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO. 84
03:35 PM 09/30/93
26 ID NO.
60040 lb Gross
- 26440
33,600

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE Robert Hoffmeier DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BG
DRIVER'S SIGNATURE Ron B #64

6610

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST- CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO. 60
01:07 PM 09/30/93
84 ID NO.
72000 lb Gross
- 26580
45,420

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE Robert Hoffmeier DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BG

6607

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO. 60
03:32 PM 09/30/93
25 ID NO.
67340 lb Gross
- 26580
41,300

PROFILE # 930156
GENERATOR Phoenix Products, Inc.
GENERATOR SIGNATURE Robert Hoffmeier DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BG
DRIVER'S SIGNATURE

6609

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO. 84
01:10 PM 09/30/93
54 ID NO.
69620 lb Gross
- 26580
43,100

PROFILE # 930156
GENERATOR Phoenix Products, Inc.
GENERATOR SIGNATURE Robert Hoffmeier DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BG
DRIVER'S SIGNATURE Ron B #65

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO. 60
03:51 PM 09/30/93
2 ID NO.
65540 lb Gross
- 26580
38,960

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE Robert Hoffmeier DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BG
DRIVER'S SIGNATURE Pete Roe #65

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 62 TRUCK NO.
04:06 PM 09/30/93
3 ID NO.
64620 lb Gross
26700
37,820

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE

6605

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 63 TRUCK NO.
03:50 PM 09/30/93
1 ID NO.
83620 lb Gross
34680
48,940

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE Ernie Buechel - 23

665

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 60 TRUCK NO.
03:40 PM 10/01/93
7 ID NO.
64720 lb Gross
26580
38,140

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE DATE 10-1-93
REMARKS Contaminated soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE Ron Ladest #40

665

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 65 TRUCK NO.
03:48 PM 10/01/93
9 ID NO.
56140 lb Gross
26400
29,740

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE DATE 10-1-93
REMARKS Contaminated soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE

614

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 54 TRUCK NO.
03:31 PM 10/01/93
54 ID NO.
73820 lb Gross
26320
47,500

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE DATE 10-1-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE

614

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 73 TRUCK NO.
01:35 PM 10/01/93
44 ID NO.
56820 lb Gross
34680
59,120

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE DATE 10-1-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE Ernie Buechel - 23

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 73 TRUCK
11:01 AM 10-01
2 ID NO
87180 lb G
34680
59,500

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE DATE 10-1-93
REMARKS Contaminated soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE Ernie Buechel - 23

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO. 64
11:41 am 10/01/93
15 ID NO.
72940 lb Gross
26360
46,620

PROFILE # 930156
GENERATOR Phoenix Products Inc.
GENERATOR SIGNATURE
DATE 10-1-93
REMARKS Cont. Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BS
DRIVER'S SIGNATURE Butch #64

6653

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO. 65
01:30 pm 10/01/93
39 ID NO.
64560 lb Gross
26700
38,860

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE
DATE 10-1-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BS
DRIVER'S SIGNATURE Pete Roos #65

6181

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO. 60
01:26 pm 10/01/93
38 ID NO.
64160 lb Gross
26580
37,580

PROFILE # 930156
GENERATOR Phoenix Products Inc
GENERATOR SIGNATURE
DATE 10-1-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY NKB
DRIVER'S SIGNATURE Ron L #60

6601

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO. 70
08:31 am 10/01/93
27 ID NO.
67980 lb Gross
26580
41,400

PROFILE # 930156
GENERATOR Phoenix Products, Inc.
GENERATOR SIGNATURE
DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BS
DRIVER'S SIGNATURE

6591

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO. 60
10:38 am 10/01/93
3 ID NO.
60140 lb Gross
26580
33,860

PROFILE # 930156
GENERATOR
GENERATOR SIGNATURE
DATE 9-30-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE Ron L #60

6592

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO.
08:50 am 10/01/93
32 ID NO.
66320 lb Gross
34080
51,840

PROFILE # 930156
GENERATOR
GENERATOR SIGNATURE
DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BS
DRIVER'S SIGNATURE Ronald Buchholz #

6593

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHED TRUCK NO. 64
09:30 am 10/01/93
42 ID NO.
67240 lb Gross
26360
43,920

PROFILE # 930156
GENERATOR
GENERATOR SIGNATURE
DATE 9-30
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BS
DRIVER'S SIGNATURE #6

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 64 TRUCK NO.
11:51 am 10/06/93
13 ID NO.
[illegible] lb Gross
37,380 net

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE [illegible] DATE 10-1-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE Mike [illegible] #64

6156

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 64 TRUCK NO.
09:13 am 10/11/93
32 ID NO.
63060 lb Gross
26,320
36740

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE DATE 10-11-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY RS
DRIVER'S SIGNATURE Ron B #64

6659

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 64 TRUCK NO.
09:36 am 10/06/93
46 ID NO.
60340 lb Gross
26320
34,020

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE [illegible] DATE 10-1-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE Mike [illegible] #64

6154

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 82 TRUCK NO.
01:00 PM 10/18/93
34 ID NO.
53800 lb Gross
24160
29640

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE [illegible] DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BS
DRIVER'S SIGNATURE

6153

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 21 TRUCK NO.
12:38 PM 10/18/93
27 ID NO.
68340 lb Gross
38340 15 Trucks
TARE [illegible]
NET [illegible]

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE [illegible]
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY [illegible]
DRIVER'S SIGNATURE [illegible]

6155

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 45 TRUCK NO.
[illegible]
[illegible] ID NO.
[illegible] lb Gross
27440 15 Trucks
38540 15 Trucks

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE [illegible]
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY [illegible] #45
DRIVER'S SIGNATURE [illegible]

6157

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 5 TRUCK NO.
03:38 PM 10/18/
125 15 ID NO.
[illegible] lb Gross
27440 15 Trucks
37160

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE [illegible]
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY [illegible]
DRIVER'S SIGNATURE [illegible]

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 61 TRUCK NO.
11:37 am 10/01/93
14 ID NO.
66660 lb Gross
27580
49,080

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE
DATE 10-1-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY NCB
DRIVER'S SIGNATURE #61

6591

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 66 TRUCK NO.
09:14 am 10/01/93
37 ID NO.
71200 lb Gross
27580
43620

PROFILE # 930156
GENERATOR Phoenix Products, Inc.
GENERATOR SIGNATURE
DATE 9-20-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BS
DRIVER'S SIGNATURE #61

6602

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 65 TRUCK NO.
08:39 am 10/01/93
29 ID NO.
66460 lb Gross
26420
40,040

PROFILE # 930156
GENERATOR Phoenix Products, Inc.
GENERATOR SIGNATURE
DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BS
DRIVER'S SIGNATURE

6656

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 73 TRUCK NO.
01:02 pm 10/01/93
10 ID NO.
80220 lb Gross
34680
45,540

PROFILE # 930156
GENERATOR Phoenix Products, Inc.
GENERATOR SIGNATURE
DATE 10-1-93
REMARKS Contaminated soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY

6657

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 64 TRUCK NO.
04:22 pm 10/01/93
11 ID NO.
65240 lb Gross
27580
42,920

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE
DATE 10-1-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE #61

6597

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 65 TRUCK NO.
10:13 am 10/01/93
5 ID NO.
66800 lb Gross
26620
40,180

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE
DATE 9-20-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE #65

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 60 TRUCK NO.
10:52 am 10/01/93
5 ID NO.
66580 lb Gross
26420
40,160

PROFILE # 930156
GENERATOR Phoenix Products, Inc
GENERATOR SIGNATURE
DATE 9-20-93
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGHT 60 TRUCK NO.
03:10 am 10/1
31 ID NO.
56600 lb Gross
26420
30,180

PROFILE # 930156
GENERATOR Phoenix Products, Inc.
GENERATOR SIGNATURE
DATE
REMARKS Contaminated soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGH 02 TRUCK NO.
03:36 PM 10/18/93
121 ID NO.
59640 lb Gross
04160
35480

PROFILE # 930156
GENERATOR P. Phoenix Products
GENERATOR SIGNATURE DATE
REMARKS Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BS
DRIVER'S SIGNATURE R. Gabb

6157

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST - CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGH 04 TRUCK NO.
01:12 PM 10/18/93
39 ID NO.
88300 lb Gross

01:30 PM 10/18/93
39 ID NO.
88300 lb TrGrs
32810 lb TrTar
55460 lb TrNet

PROFILE # 930156
GENERATOR P. Phoenix Products, Inc.
GENERATOR SIGNATURE DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE

6632

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST - CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGH 04 TRUCK NO.
03:59 PM 10/18/93
5 ID NO.
80700 lb Gross

04:15 PM 10/18/93
5 ID NO.
80700 lb TrGrs
32810 lb TrTar
47890 lb TrNet

PROFILE # 930156
GENERATOR P. Phoenix Products
GENERATOR SIGNATURE DATE
REMARKS Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BS
DRIVER'S SIGNATURE

6631

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST - CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGH 18 TRUCK NO.
04:00 PM 10/18/93
6 ID NO.
85320 lb Gross

04:16 PM 10/18/93
6 ID NO.
85320 lb TrGrs
32560 lb TrTar
52760 lb TrNet

PROFILE # 930156
GENERATOR P. Phoenix
GENERATOR SIGNATURE DATE
REMARKS Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BS

6151

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGH 04 TRUCK NO.
09:44 AM 10/18/93
139 ID NO.
85460 lb Gross

10:00 AM 10/18/93
2 ID NO.
32810 lb TrTar
52650 lb TrNet

PROFILE # 930156
GENERATOR P. Phoenix Products
GENERATOR SIGNATURE DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY BS
DRIVER'S SIGNATURE Tony Cole

6152

HECHIMOVICH
SANITARY LANDFILL, INC.
387-2943 387-3010
"FORGET THE REST—CALL THE BEST"
N7296 Hwy. V
Horicon, WI 53032

WEIGH 78320 Gross

10:01 AM 10/18/93
3 ID NO.
32810 lb TrTar
45,540 lb Net

PROFILE # 930156
GENERATOR P. Phoenix Products Inc.
GENERATOR SIGNATURE DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE

WEIGH 46 TRUCK NO.
01:14 PM 10/18/93
40 ID NO.
78320 lb Gross

01:29 PM 10/18/93
40 ID NO.
78320 lb TrGrs
32810 lb TrTar
45510 lb TrNet

PROFILE # 930156
GENERATOR P. Phoenix
GENERATOR SIGNATURE DATE
REMARKS Contaminated Soil
DRIVER ON ☐ OFF ☐ WEIGHT RECORDED BY
DRIVER'S SIGNATURE

241-33406-0
ERRUST

OCT 27 1993

GRAEF
ANHALT
SCHLOEMER
and Associates Inc.

Engineers & Scientists
345 North 95th Street, Milwaukee, Wisconsin 53226 • 414-259-1500 • FAX 414-259-0037

October 19, 1993

Mr. Robert Hoffmeier
Phoenix Products, Inc.
6161 North 64th Street
Milwaukee, Wisconsin 53233

RE: Quarterly Ground-Water Sampling Results, Boiler House Heating Oil USTs, Phoenix Products, Inc., 6161 North 64th Street, Milwaukee, Wisconsin

Dear Bob:

Please find enclosed the analytical results from the ground-water sampling conducted by Graef, Anhalt, Schloemer & Associates, Inc. personnel at the above referenced site on September 27, 1993 (Attachment 1). Ground-water samples were collected from monitoring wells MW-1 through MW-3, and submitted for laboratory analysis of diesel range organics (DRO, Modified Wisconsin Method). The samples were collected following applicable Wisconsin Department of Natural Resources sampling guidelines. The sampling locations and water level data are presented in Attachment 2, and the laboratory reports and a ground-water sampling log are presented in Attachment 3.

DRO was not detected at or above the method detection limit in monitoring wells MW-1 and MW-3. However, DRO was detected in monitoring well MW-2 at 0.2 ppm. This sample has also been noted by the laboratory to contain an unidentified compound or compounds. In correspondence with laboratory personnel, the most plausible explanation for the unidentified compound(s) in monitoring well MW-2 may be due to the breakdown of long-chain hydrocarbons into lighter compounds from aging and/or biological activity. The detection of DRO indicates that heating oil constituents may be present in soil near monitoring well MW-2. Based on this interpretation, GAS recommends that ground-water monitoring continue at the quarterly sampling intervals as presented in the February 1993 GAS report.

Please call me at 256-4060 if you have any questions or comments related to this matter. The next quarterly monitoring event is scheduled for December, 1993.

Sincerely,

GRAEF, ANHALT, SCHLOEMER
& ASSOCIATES INC.

Robert B. Thomson

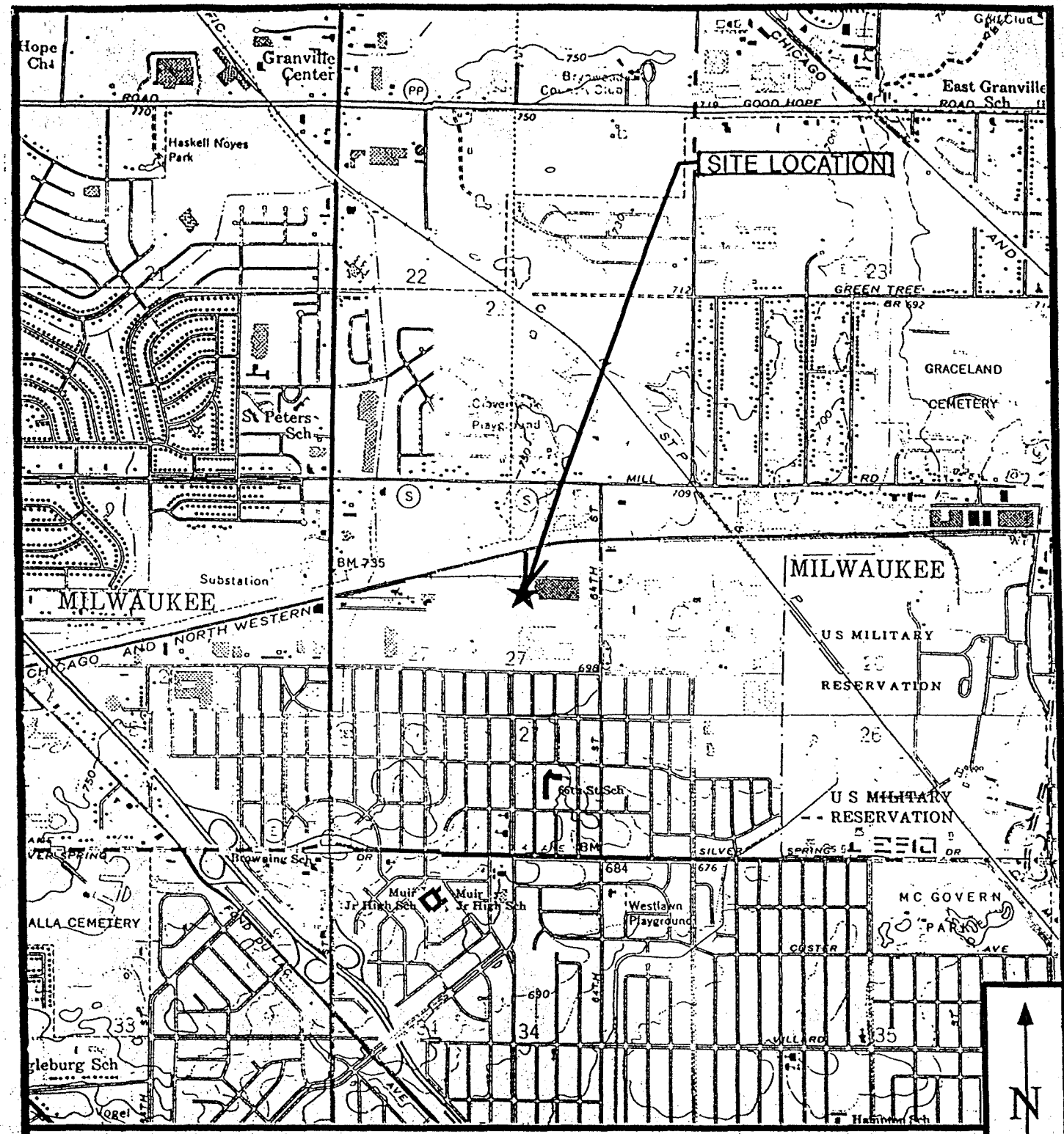
Robert B. Thomson
Project Geologist

10/27/93 Called Bob Thomson. Asked for full VOC scan in MW2. (8021) Jeanne Y

RBT/bt

encl.

Milwaukee, Wisconsin
Little Chute, Wisconsin
Madison, Wisconsin
Chicago, Illinois
Colorado Springs, Colorado



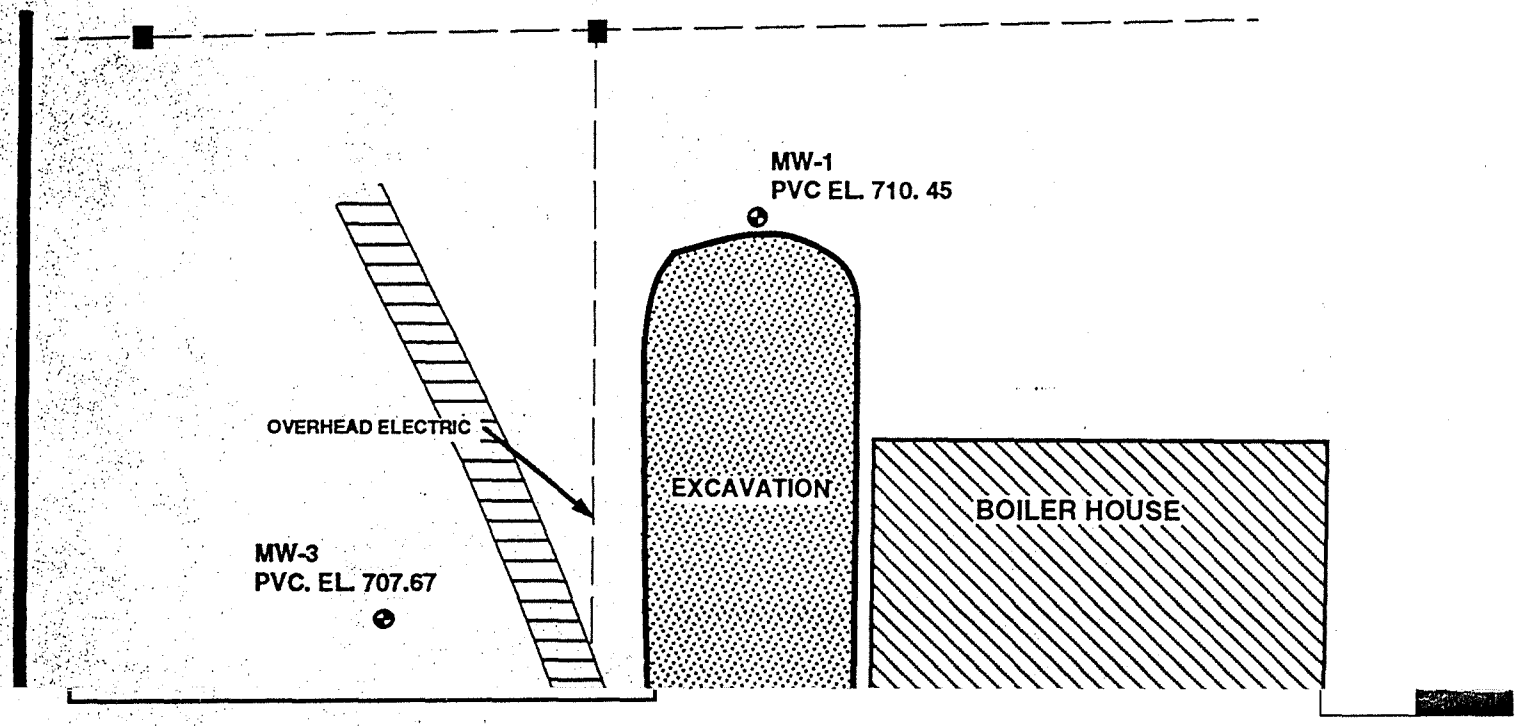
SOURCE: 1971 & 1976 USGS MENOMONEE FALLS, MILWAUKEE, THIENSVILLE, AND WAUWATOSA 7.5 MINUTE QUADRANGLES

SCALE : 1"=2000'	DRAWN BY : MRV JOB #908038	DATE : 3-12-91

SITE LOCATION MAP
PHOENIX PRODUCTS
6161 NORTH 64TH STREET
MILWAUKEE, WISCONSIN

GRAEF ANHALT SCHLOEMER and Associates Inc.
CONSULTING ENGINEERS

ATTACHMENT 1



SITE LAYOUT AND MONITORING WELL LOCATIONS

PHOENIX PRODUCTS, INC.
MILWAUKEE, WISCONSIN

SCALE:	1"=20'
DATE:	11-20-92
PROJECT MGR:	RBT
DRAWN BY:	TMW / AEA
JOB NUMBER:	928521
REVISION DATE:	10-18-93

GRAEF ANHALT SCHLOEMER
and Associates Inc.
CONSULTING ENGINEERS

928521.D6 SITE LAYOUT

ATTACHMENT 2

ATTACHMENT 2

WATER LEVEL DATA

PHOENIX PRODUCTS, INC.
MILWAUKEE, WISCONSIN

MONITORING WELL DESIGNATION	PVC ELEVATION (ft. MSL)	GROUND-WATER ELEVATION (FT. MSL)		
		10/16/92	11/4/92	9/27/93
MW-1	710.45	702.42	702.52	702.50
MW-2	707.33	702.18	697.01	703.90
MW-3	707.67	704.56	706.16	707.49

928521.T1

ATTACHMENT 3

NATIONAL ENVIRONMENTAL TESTING, INC.

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

ANALYTICAL REPORT

Mr. Bob Thomson
GRAEF, ANHALT, SCHLOEMER
& ASSOCIATES, INC.
345 N 95th Street
Milwaukee, WI 53226

10/13/1993

Job Number: 93.04582

Page 1

The following samples were received by NET for analysis:

Sample Number	Sample Description	Date Taken
74691	MW-1 928521 Phoenix Product	09/27/1993
74692	MW-2 928521 Phoenix Product	09/27/1993
74693	MW-3 928521 Phoenix Product	09/27/1993

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

NATIONAL ENVIRONMENTAL TESTING, INC.

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

ANALYTICAL REPORT

10/13/1993

Mr. Bob Thomson
GRAEF, ANHALT, SCHLOEMER
& ASSOCIATES, INC.
345 N 95th Street
Milwaukee, WI 53226

Job No: 93.04582
Sample No: 74691
Account No: 32700
Page 2

JOB DESCRIPTION: 928521 Phoenix Products
PROJECT DESCRIPTION: Ground Water Analysis
SAMPLE DESCRIPTION: SEE BELOW
6161 N. 64th St; Milwaukee, WI
Recv'd on ice.

Date Received: 09/27/1993 16:40
Date Taken: SEE BELOW SEE BELOW

Parameter	Results	Units	Method	Detection Limit	Date Analyzed
74691 MW-1 928521 Phoenix Products 09/27/1993 10:53					
Aqueous DRO Extraction	09/30/93				09/30/1993
DRO - AQUEOUS	<0.10	mg/L	WDNR	0.10	10/08/1993
74692 MW-2 928521 Phoenix Products 09/27/1993 11:16					
Aqueous DRO Extraction	09/30/93				09/30/1993
DRO - AQUEOUS X	0.20	mg/L	WDNR	0.10	10/08/1993

Soil results reported
on a dry weight basis.

Brian D. DeJong
Organic Operation Manager
Certification No. 128053530

NATIONAL ENVIRONMENTAL TESTING, INC.

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

ANALYTICAL REPORT

10/13/1993

Mr. Bob Thomson
GRAEF, ANHALT, SCHLOEMER
& ASSOCIATES, INC.
345 N 95th Street
Milwaukee, WI 53226

Job No: 93.04582
Sample No: 74693
Account No: 32700
Page 3

JOB DESCRIPTION: 928521 Phoenix Products
PROJECT DESCRIPTION: Ground Water Analysis
SAMPLE DESCRIPTION: SEE BELOW
6161 N. 64th St; Milwaukee, WI
Recv'd on ice.

Date Received: 09/27/1993 16:40
Date Taken: SEE BELOW SEE BELOW

Parameter	Results	Units	Method	Detection Limit	Date Analyzed
74693 MW-3 928521 Phoenix Products 09/27/1993 11:16					
Aqueous DRO Extraction	09/30/93				09/30/1993
DRO - AQUEOUS	<0.10	mg/L	WDNR	0.10	10/08/1993

Soil results reported on a dry weight basis.

Brian D. DeJong
Organic Operation Manager
Certification No. 128053530

Project Number: 428521

Laboratory: NET

Sample Collector(s): J. KASDORF

CHAIN OF CUSTODY RECORD

GRAEF ANHALT SCHLOEMER and Associates Inc.
Engineers & Scientists
MILWAUKEE ENGINEERING CENTER
345 North 95th Street
Milwaukee, Wisconsin 53226
Telephone (414) 259-1500
FAX (414) 259-0037

Property Owner: Phoenix Products

Property Address: 6161 N 64TH STREET, MILW, WIS.

Telephone Number (include area code):

I hereby certify that I received, properly handled, and disposed of these samples as noted below:

Relinquished By (Signature)	Date/Time/Temp.	Received By (Signature)
James H Kasdorf Jr	9-27-93 1:56pm	Jerry Kinsly
Jerry Kinsly	9-27-93 1640	
		Received for Laboratory By (Signature)
	9/28/93 1130	A Kirsenbe

Sample Condition on Receipt by Laboratory 93-0458c

LABORATORY USE ONLY

Temperature of temperature blank: iced once Page ____ of ____

If samples were received on ice and there was ice remaining, you may report the temperature as "received on ice." If all of the ice was melted, the temperature of the melt may be substituted for a temperature blank.

Field ID Number[1]	Date Collected	Time Collected	Sample Type[2]	Sample Device[3]	Preserv. Type	Field Screening	Description	Analysis Type	Lab ID Number	No./Type of Containers	Cracked /Broken	Improperly Sealed	Good Condition	Other Comments
MW-1	9-27-93	10:53	Ground H_2O	Bailer	HCl	✓	Monitoring well MW-1	DRO						
MW-2	9-27-93	11:16	Ground H_2O	Bailer	HCl	✓	Monitoring well MW-2	DRO						
MW-3	9-27-93	11:40	Ground H_2O	Bailer	HCl	✓	Monitoring well MW-3	DRO						

[1]Sample description must clearly correlate the sample ID to the sampling location shown on a map.
[2]Specify groundwater, surface water, soil, leachate, sludge, etc.
[3]Type of sampling devis; split spoon, hand auger, metal spatula, soil syringe, etc.

Remarks:

Report Results to: Bob Thomson

DEPARTMENT USE/OPTIONAL FOR SOIL SAMPLERS

Disposition of unused portion of sample
Laboratory should:
☒ Dispose ☐ Retain for ____ days
☐ Return ☐ Other

DEPARTMENT USE ONLY

Split samples: Offered? ☐ Yes ☐ No (Check one)
Accepted? ☐ Yes ☐ No (Check one)

Accepted By: _____
Signature

White–Accompanies Shipment, Yellow–Laboratory Files, Pink–GAS

FIELD WATER QUALITY SAMPLING AND ANALYSIS LOG

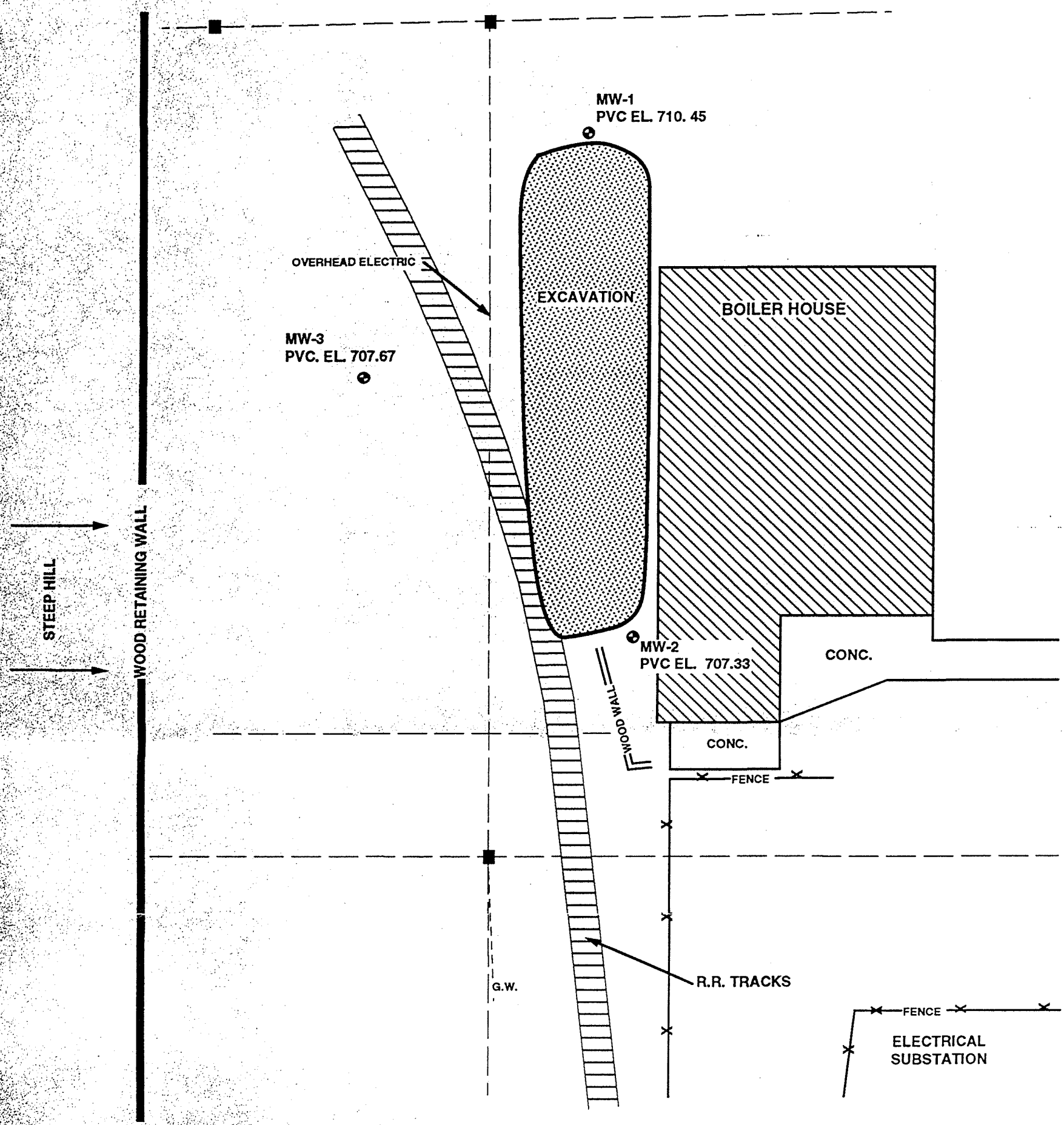
GRAEF ANHALT SCHLOEMER and Associates Inc.
ENGINEERS & SCIENTISTS

PROJECT: Phoenix Products
PROJECT NO.: 928521
LOCATION: 6161 N. 64th St.
LABORATORY: NET
DATE SENT: 9/27/93

INSTRUMENT IDENTIFICATION:
TEMPERATURE: #1
CONDUCTIVITY: #1
pH: #1
PUMP: N/A

SAMPLE LOCATION	MW-1	MW-2	MW-3		
TYPE	Ground Water	Ground Water	Ground Water		
DATE/TIME	9-27-93 10:53	9-27-93 11:16	9-27-93 11:40		
WELL DEPTH (FT.)	21.32	19.61	29.05		
DEPTH TO GW (FT.)	7.95	3.43	0.18		
WATER COLUMN (FT.)	13.37 0.00	16.18 0.00	28.87 0.00	0.00	0.00
WELL VOLUME (GAL)	2.14	2.59	4.62		
PURGE VOLUME (GAL)	5.0	6.0	18.5		
MP ELEV. (FT. MSL)	710.45	707.33	707.67		
GW ELEV. (FT. MSL)	702.50 0.00	703.90 0.00	707.49 0.00	0.00	0.00
SAMPLING DEVICE	disposable poly bailer	disposable poly bailer	disposable poly bailer		
TEMPERATURE (°F)C	13.7	13.4	11.4		
SP. COND. (umhos/cm)	880	786	717		
pH	7.6	7.5	7.6		
DISSOLVED OXYGEN (ppm)	NA ----	NA ----	NA ----	----	----
COLOR	Brown	Gray	Colorless		
ODOR	None	None	None		
CLARITY	Cloudy	Cloudy	Clear		
SAMPLING PARAMETERS:	NO. OF CONTAINERS & CONTAINER TYPE: VOA, PLASTIC, AMB. BTL. PRESERVATIVE TYPE, FILTERED OR UNFILTERED				
DRO	(1) 1L Amber HCl, unfiltered	(1) 1L Amber HCl, unfiltered	(1) 1L Amber HCl, unfiltered		
SAMPLED BY:	JK	JK	JK		
REMARKS:	WELL BAILED DRY AFTER 5 GAL	WELL BAILED DRY AFTER 6 GAL.			

000000.WS.LOG MM/YY.A



EXPLANATION

- MONITORING WELL
- OVERHEAD ELECTRIC LINE
- G.W. GUY WIRE

0' 10' 20'

N

SITE LAYOUT AND MONITORING WELL LOCATIONS

PHOENIX PRODUCTS, INC.
MILWAUKEE, WISCONSIN

SCALE:	1"=20'
DATE:	11-20-92
PROJECT MGR:	RBT
DRAWN BY:	TMW / AEA
JOB NUMBER:	928521
REVISION DATE:	10-18-93

GRAEF ANHALT SCHLOEMER *and Associates Inc.*
CONSULTING ENGINEERS

928521.D6 SITE LAYOUT

ATTACHMENT 2