GIS REGISTRY INFORMATION

SITE NAME: Nestle Beverage / Former Carnation Co

BRRTS #: 02-68-488442 **FID # (if appropriate):** 268005870

COMMERCE # (if appropriate):

CLOSURE DATE: 3-29-06

STREET ADDRESS: 132 Park St. (Area D)

CITY: Oconomowoc

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): **X=** 641214 **Y=** 294017

CONTAMINATED MEDIA: Groundwater ☐ Soil ☐ Both ☒

OFF-SOURCE GW CONTAMINATION >ES: ☐ Yes ☒ No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): **X=** **Y=**

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): ☐ Yes ☒ No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): **X=** **Y=**

CONTAMINATION IN RIGHT OF WAY: ☐ Yes ☒ No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter or denial letter issued ☒

Copy of most recent deed, including legal description, for all affected properties ☒

Certified survey map or relevant portion of the recorded plat map ***(if referenced in the legal description)*** **for all affected properties** ☒

County Parcel ID number, ***if used for county*****, for all affected properties** OCC 0560.358 ☒

Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site. ☒

Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs. ☒

Tables of Latest Groundwater Analytical Results (no shading or cross-hatching) ☒

Tables of Latest Soil Analytical Results (no shading or cross-hatching) ☒

Isoconcentration map(s), ***if required for site investigation (SI)*** **(**8.5x14" if paper copy**).** The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.** ☒

GW: Table of water level elevations, with sampling dates, and free product noted if present ☒

GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees) ☒

SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour ☒

Geologic cross-sections, ***if required for SI.*** (8.5x14' if paper copy) ☒

RP certified statement that legal descriptions are complete and accurate ☒

Copies of off-source notification letters (if applicable) NA

Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW) NA

Copy of (soil or land use) deed restriction(s) or deed notice ***if any required as a condition of closure*** ☒

Copy of any maintenance plan referenced in the deed restriction. ☒

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Waukesha Service Center
141 NW Barstow St.
Room 180
Waukesha, Wisconsin 53188
Telephone 262-574-2100
FAX 262-574-2117

March 29, 2006

Mr. Mike Desso
Nestle USA, Inc.
800 N. Brand Blvd.
Glendale, CA 91203

FID# 268005870
BRRTS# 02-68-483442

Subject: Case Closure for the Former Nestle Beverage/Carnation Co. site (Area D), 132 Park Street, Oconomowoc

Dear Mr. Desso:

The Wisconsin Department of Natural Resources (Department) received your request for case closure of the above-referenced site on January 11, 2006. Upon review of your case, the Department indicated that the case could be closed upon receipt of a copy of the recorded deed restriction. The Department received a copy of the recorded deed restriction on March 27, 2006. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm If your property is listed on the GIS Registry due to groundwater contamination exceeding ch. NR 140 standards at the time of closure, and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at the web address listed above.

Please be aware that this 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. The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (262) 574-2140.

Sincerely,

Brenda H. Boyce

Brenda H. Boyce, PG
Hydrogeologist
Bureau for Remediation & Redevelopment
C: Anthony Miller – Gannett Fleming, Inc.

Please note that the surface soils along the property boundaries that, based on the investigation sampling results, contained arsenic and/or lead levels above NR 720 non-industrial site RCLs were excavated when the site was capped in October 2005. For this reason, Tables 4 and 5 should be used with discretion when trying to determine the current location and concentrations of lead and arsenic in subsurface soils.

Other required information for this GIS Registry follows:

- The parcel ID number for the Area D property is: OCOC 0560.358
- The legal description of the property is: Lot 3 of Certified Survey Map No. 6589, recorded on November 6, 1991, in Volume 54 of Certified Survey Maps, on Pages 339, 340, and 341, as Document No. 1683000 being of a part of the Southeast ¼ of Section 32, Town 8 North, Range 17 East, City of Oconomowoc, State of Wisconsin.
- The Geographical Position WTM coordinates of the middle of the site are: 641214.5285, 294017.2147. These WTM coordinates were obtained from the interactive WDNR GIS website.
- A copy of the most recent deed (attached).
- A statement signed by the responsible party Mr. Jeff Mueller and Mr. Ryan Gile, the current owners of the site, indicating that the legal description of the property at 132 South Park Street in Oconomowoc (Area D) as stated in the warranty deed is complete and accurate (attached).

Section I - Required GIS Registry Information

(Please note that some of the same figures and tables used in previous sections of the closure request are used here with different numbers due to the GIS Registry information being a stand-alone document.)

The following figures and tables are included with this section:

FIGURES

1 Certified Survey Map
2 Parcel Map of Site and Surrounding Properties
3 Pre-Remediation Unsaturated Soil Samples Exceeding an NR 720 RCL
4 Area D Plan Showing Groundwater Sample Locations & Estimated Extent of Arsenic Concentrations Exceeding The NR 140 ES and PALs.
5 Area D Plan Showing Groundwater Contours (March 2005)
6 Area D Plan Showing Groundwater Contours (June 2005)
7 Post-Remediation Site Map Showing Capped Area
8 Pre-Remedial Cross Section A-A'
9 Pre-Remedial Cross Section B-B'
10 Pre-Remedial Cross Section C-C'

TABLES

1 Laboratory Results of Soil Samples Collected by SEC Donohue, Inc. December 1992 Investigation
2 Laboratory Results of Soil Samples Collected by RUST Environmental & Infrastructure July 1993 Investigation
3 Laboratory Results of Soil Samples Collected by MES April 2003 Investigation
4 Metals & VOC Analytical Results of Pre-Remediation Soil Samples - Summary of Detected Compounds - Gannett Fleming - March & July 2004
5 SVOC & PAH Analytical Results of Pre-Remediation Soil Samples - Summary of Detected Compounds - Gannett Fleming - March & July 2004
6 Summary of Groundwater Sample Results - RUST, Park, and MES Consultants - 1993 - 2003
7 Analytical Results of Geoprobe Groundwater Samples - Summary of Detected Compounds - Gannett Fleming - March 2004
8 Analytical Results of Geoprobe Groundwater Samples - Summary of Detected Compounds - Gannett Fleming - July 2004
9 Analytical Results of Groundwater Samples From Monitoring Wells - Summary of Detected Compounds - December 2004 - August 2005
10 Groundwater Elevations - December 2005 - August 2005

003510 NOV 19 0

2881834

REGISTER'S OFFICE
WAUKESHA COUNTY, WI
RECORDED ON

11-19-2002 1:06 PM

MICHAEL J. HASSLINGER
REGISTER OF DEEDS

REC. FEE: 4.00
REC. FEE-CO: 5.00
REC. FEE-ST: 2.00
TRAN. FEE: 81.00
TRAN. FEE-STAT 324.00
PAGES: 1

WC2881834-001

State Bar of Wisconsin Form 1 - 1982

WARRANTY DEED

RETURN TO
Jeffrey D. Mueller
W347 S9555 Jericho Dr
Eagle WI 53119

15799W

OCOC 0560.358
Parcel Identification Number (PIN)

THIS DEED, made between Kevin L. Ingersoll, Grantor and Jeff D. Mueller and Ryan D. Gile, Grantee,

WITNESSETH, That the said Grantor, for a valuable consideration, conveys to Grantee the following described real estate in WAUKESHA County, State of Wisconsin:

pd 11/1

Lot 3 of Certified Survey Map No. 6589, recorded November 6, 1991, in Volume 54 of Certified Survey Maps, on Pages 339, 340 and 341, as Document No. 1683000 being a part of the Southeast ¼ of Section 32, Township 8 North, Range 17 East, in the City of Oconomowoc, County of Waukesha, State of Wisconsin.

TRANSFER
$ 405.00
FEE

This is not homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging;

And Kevin L. Ingersoll warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, general taxes levied in the year of closing (providing none of the foregoing prohibit present use of the property) and will warrant and defend the same.

Dated this 16 day of Oct, 2002.

Kevin L. Ingersoll (SEAL)

*Kevin L. Ingersoll

(SEAL)

*

(SEAL)

*

(SEAL)

*

AUTHENTICATION

Signature(s) of Kevin L. Ingersoll

authenticated this 16 day of Oct, 2002.

* Daniel R. Heiden

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Attorney Daniel R. Heiden

State Bar No. 1017551

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN
} SS.
County.

Personally came before me this ___ day of ___, 2002 the above named Kevin L. Ingersoll to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

*

*

Notary Public ___ County, Wis.
My Commission is permanent. (If not, state expiration date: ___.)

*Names of persons signing in any capacity should be typed or printed below their signatures.

FORM NO. 985-A

Stock No. 26273

1683000

CERTIFIED SURVEY MAP NO. 6589

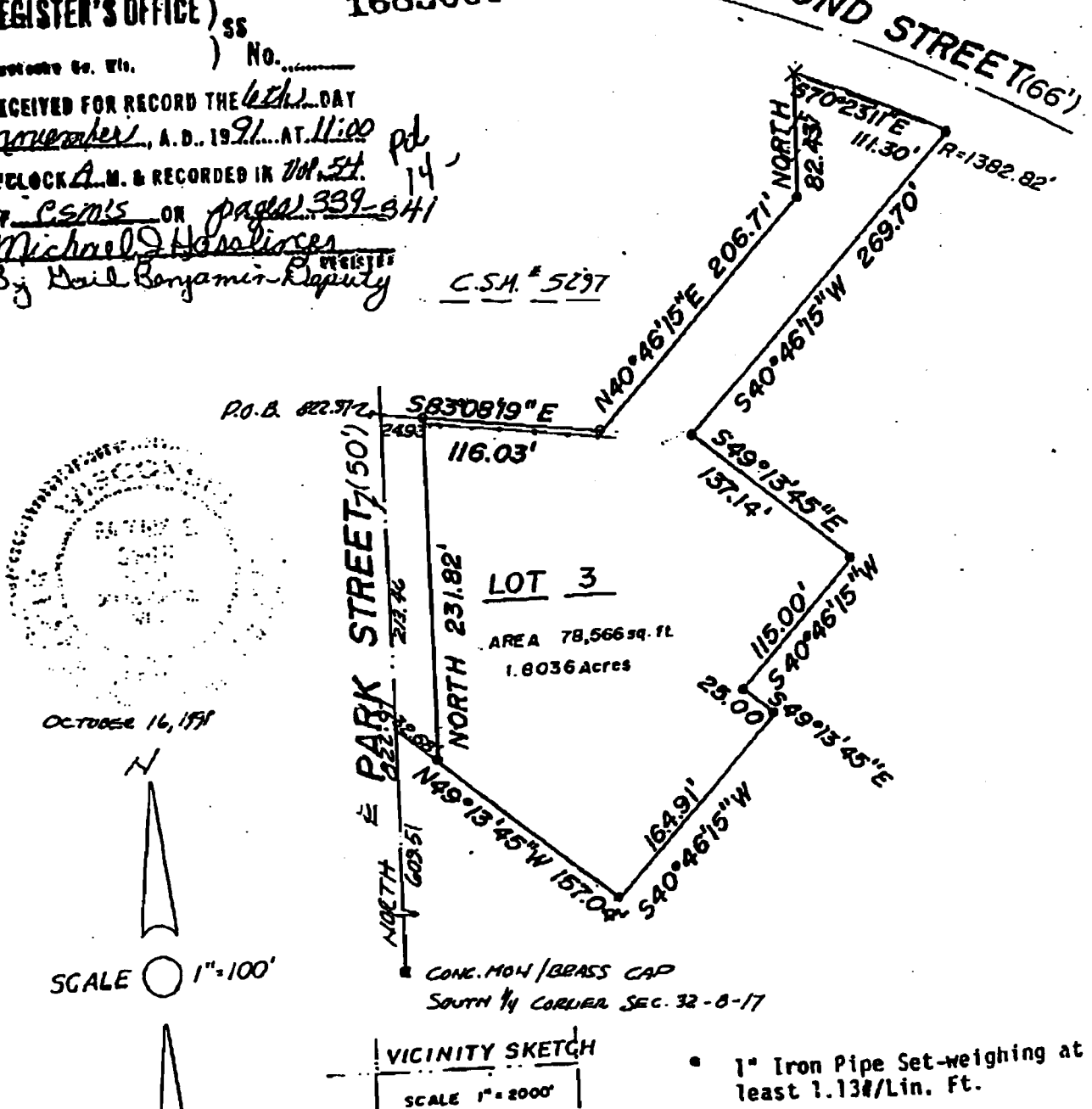
Part of the S.E. 1/4 of Section 32, Town 8 North, Range 17 East, City of Oconomowoc, Waukesha County Wisconsin.

REGISTER'S OFFICE) SS
Waukesha Co. Wis.) No.

1683000

RECEIVED FOR RECORD THE 6th DAY
November, A.D. 1991 AT 11:00 pd
O'CLOCK A.M. & RECORDED IN Vol 54. 14
OF C.S.M.'s ON Pages 339-341
Michael J. Heublein
REGISTER
By Gail Benjamin-Deputy

C.S.M. # 5297

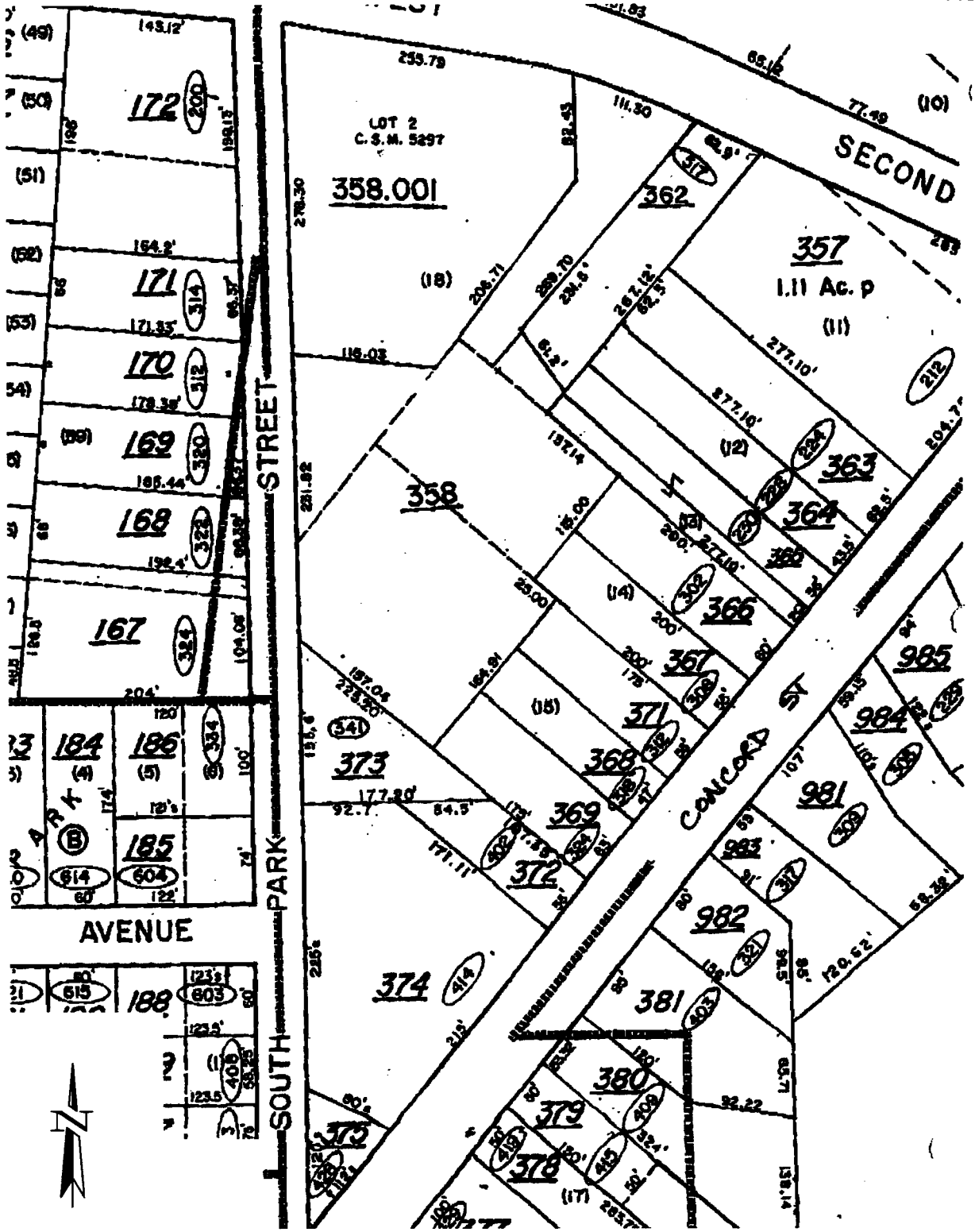


• 1" Iron Pipe Set-weighing at least 1.13#/Lin. Ft.

O

Gannett Fleming

FIGURE 2



0 150

Scale In Feet

PLAT MAP

132 SOUTH PARK STREET

OCONOMOWOC, WISCONSIN

122005
43069WQ

TABLE 1

LABORATORY RESULTS OF SEC DONOHUE INC.
DECEMBER 1992 INVESTIGATION

AREA	SAMPLE ID	PARAMETER	CONCENTRATION RANGE	DETECTION LIMIT
D	B-11-1	Di-n-butylphthalate	4300	
D	B-11-1	Butylbenzylphalate	1200	
D	B-11-1	Bis-(2-exylhexyl)phthalate	ND	
D	B-11-1	Acetone	>300	
D	B-11-1	Toluene	15	
D	B-11-1	Tetrachloroethylene	ND	
D	B-11-1	Barium (ppm)	71	
D	B-11-1	Lead (ppm)	96	
D	B-11-1	Mercury (ppm)	ND	
D	B-11-1	Selenium (ppm)	ND	
D	B-11-1	Chromium (ppm)	10	
D	B-11-1	Arsenic (ppm)	9	
D	B-11-1	Cadmium (ppm)	ND	
D	B-11-1	Silver (ppm)	ND	
D	B-11-2	Di-n-butylphthalate	4200	
D	B-11-2	Butylbenzylphalate	ND	
D	B-11-2	Bis-(2-exylhexyl)phthalate	ND	
D	B-11-2	Acetone	>300	
D	B-11-2	Toluene	ND	
D	B-11-2	Tetrachloroethylene	ND	
D	B-11-2	Barium (ppm)	64	
D	B-11-2	Lead (ppm)	89	
D	B-11-2	Mercury (ppm)	ND	
D	B-11-2	Selenium (ppm)	ND	
D	B-11-2	Chromium (ppm)	15	
D	B-11-2	Arsenic (ppm)	8	
D	B-11-2	Cadmium (ppm)	ND	
D	B-11-2	Silver (ppm)	ND	
D	B-11-3	Di-n-butylphthalate	4000	
D	B-11-3	Butylbenzylphalate	ND	
D	B-11-3	Bis-(2-exylhexyl)phthalate	ND	

SOURCE: MES 7-28-03 CLOSURE REQUEST

TABLE 1

LABORATORY RESULTS OF SEC DONOHUE INC.
DECEMBER 1992 INVESTIGATION

AREA	SAMPLE ID	PARAMETER	CONCENTRATION RANGE	DETECTION LIMIT
D	B-11-3	Acetone	>300	
D	B-11-3	Toluene	23	
D	B-11-3	Tetrachloroethylene	ND	
D	B-11-3	Barium (ppm)	119	
D	B-11-3	Lead (ppm)	114	
D	B-11-3	Mercury (ppm)	ND	
D	B-11-3	Selenium (ppm)	ND	
D	B-11-3	Chromium (ppm)	8	
D	B-11-3	Arsenic (ppm)	4	
D	B-11-3	Cadmium (ppm)	ND	
D	B-11-3	Silver (ppm)	ND	
D	B-12-1d	Di-n-butylphthalate	4400/4700	
D	B-12-1d	Butylbenzylphalate	ND/500	
D	B-12-1d	Bis-(2-exylhexyl)phthalate	ND/300	
D	B-12-1d	Acetone	>300/>300	
D	B-12-1d	Toluene	28/106	
D	B-12-1d	Tetrachloroethylene	16/62	
D	B-12-1d	Barium (ppm)	79/72	
D	B-12-1d	Lead (ppm)	32/31	
D	B-12-1d	Mercury (ppm)	ND/ND	
D	B-12-1d	Selenium (ppm)	3/3	
D	B-12-1d	Chromium (ppm)	6/5	
D	B-12-1d	Arsenic (ppm)	6/7	
D	B-12-1d	Cadmium (ppm)	ND/ND	
D	B-12-1d	Silver (ppm)	ND/ND	
D	B-12-2	Di-n-butylphthalate	4500	
D	B-12-2	Butylbenzylphalate	3300	
D	B-12-2	Bis-(2-exylhexyl)phthalate	ND	
D	B-12-2	Acetone		
D	B-12-2	Toluene		
D	B-12-2	Tetrachloroethylene		

SOURCE: MES 7-28-03 CLOSURE REQUEST

TABLE 1

LABORATORY RESULTS OF SEC DONOHUE INC.
DECEMBER 1992 INVESTIGATION (PPM)

AREA	SAMPLE ID	PARAMETER	CONCENTRATION RANGE	DETECTION LIMIT
D	B-12-2	Barium (ppm)	52	
D	B-12-2	Lead (ppm)	41	
D	B-12-2	Mercury (ppm)	ND	
D	B-12-2	Selenium (ppm)	3	
D	B-12-2	Chromium (ppm)	6	
D	B-12-2	Arsenic (ppm)	7	
D	B-12-2	Cadmium (ppm)	ND	
D	B-12-2	Silver (ppm)	ND	
D	B-12-3	Di-n-butylphthalate	670	
D	B-12-3	Butylbenzylphalate	ND	
D	B-12-3	Bis-(2-exylhexyl)phthalate	ND	
D	B-12-3	Acetone	>300	
D	B-12-3	Toluene	ND	
D	B-12-3	Tetrachloroethylene	ND	
D	B-12-3	Barium (ppm)	54	
D	B-12-3	Lead (ppm)	55	
D	B-12-3	Mercury (ppm)	ND	
D	B-12-3	Selenium (ppm)	ND	
D	B-12-3	Chromium (ppm)	5	
D	B-12-3	Arsenic (ppm)	3	
D	B-12-3	Cadmium (ppm)	ND	
D	B-12-3	Silver (ppm)	ND	

SOURCE: MES 7-28-03 CLOSURE REQUEST

TABLE 2

LABORATORY RESULTS OF RUST ENVIRONMENT AND INFRASTRUCTURE
JULY 1993 INVESTIGATION (PPM)

AREA	SAMPLE ID	PARAMETER	CONCENTRATION	DETECTION LIMIT
D	N45-S1	Benzene	ND	0.004
D	N45-S1	Tetrachloroethene	ND	0.004
D	N45-S1	1,1,1-Trichloroethane	0.192	0.004
D	N45-S1	Ethylbenzene	ND	0.004
D	N45-S1	Toluene	ND	0.004
D	N45-S1	1,2,4-Trimethylbenzene	ND	0.004
D	N45-S1	Dichlorodifluoromethane	ND	0.004
D	N45-S1	Trichlorofluoromethane	0.033	0.004
D	N45-S1	1,2,3-Trichloropropane	ND	0.004
D	N46-S1	Benzene	ND	0.004
D	N46-S1	Tetrachloroethene	ND	0.004
D	N46-S1	1,1,1-Trichloroethane	0.021	0.004
D	N46-S1	Ethylbenzene	ND	0.004
D	N46-S1	Toluene	ND	0.004
D	N46-S1	1,2,4-Trimethylbenzene	ND	0.004
D	N46-S1	Dichlorodifluoromethane	ND	0.004
D	N46-S1	Trichlorofluoromethane	ND	0.004
D	N46-S1	1,2,3-Trichloropropane	ND	0.004
D	N47-S1	Benzene	ND	0.004
D	N47-S1	Tetrachloroethene	ND	0.004
D	N47-S1	1,1,1-Trichloroethane	0.215	0.004
D	N47-S1	Ethylbenzene	ND	0.004
D	N47-S1	Toluene	ND	0.004
D	N47-S1	1,2,4-Trimethylbenzene	ND	0.004
D	N47-S1	Dichlorodifluoromethane	0.031	0.004
D	N47-S1	Trichlorofluoromethane	0.021	0.004
D	N47-S1	1,2,3-Trichloropropane	ND	0.004
D	N47-S2	Benzene	ND	0.004
D	N47-S2	Tetrachloroethene	ND	0.004
D	N47-S2	1,1,1-Trichloroethane	0.11	0.004
D	N47-S2	Ethylbenzene	ND	0.004

SOURCE: MES 7-28-03 CLOSURE REQUEST

TABLE 2

LABORATORY RESULTS OF RUST ENVIRONMENT AND INFRASTRUCTURE
JULY 1993 INVESTIGATION (PPM)

AREA	SAMPLE ID	PARAMETER	CONCENTRATION	DETECTION LIMIT
D	N47-S2	Toluene	ND	0.004
D	N47-S2	1,2,4-Trimethylbenzene	ND	0.004
D	N47-S2	Dichlorodifluoromethane	ND	0.004
D	N47-S2	Trichlorofluoromethane	ND	0.004
D	N47-S2	1,2,3-Trichloropropane	ND	0.004
D	N48-S1	Benzene	ND	0.004
D	N48-S1	Tetrachloroethene	ND	0.004
D	N48-S1	1,1,1-Trichloroethane	0.008	0.004
D	N48-S1	Ethylbenzene	ND	0.004
D	N48-S1	Toluene	ND	0.004
D	N48-S1	1,2,4-Trimethylbenzene	ND	0.004
D	N48-S1	Dichlorodifluoromethane	ND	0.004
D	N48-S1	Trichlorofluoromethane	ND	0.004
D	N48-S1	1,2,3-Trichloropropane	ND	0.004
D	N60-S1	Benzene	ND	0.004
D	N60-S1	Tetrachloroethene	ND	0.004
D	N60-S1	1,1,1-Trichloroethane	0.016	0.004
D	N60-S1	Ethylbenzene	ND	0.004
D	N60-S1	Toluene	ND	0.004
D	N60-S1	1,2,4-Trimethylbenzene	ND	0.004
D	N60-S1	Dichlorodifluoromethane	ND	0.004
D	N60-S1	Trichlorofluoromethane	ND	0.004
D	N60-S1	1,2,3-Trichloropropane	ND	0.004
D	N45-S1	Bis(2-ethylhexyl)phthalate	ND	0.33
D	N45-S1	Acenapthylene	ND	0.33
D	N45-S1	Anthracene	ND	0.33
D	N45-S1	Benzo(b)fluoranthene	ND	0.33
D	N45-S1	Benzo(g,h,i)perylene	ND	0.33
D	N45-S1	Benzo(a)pyrene	ND	0.33
D	N45-S1	Chrysene	ND	0.33
D	N45-S1	Dibenz(a,h)anthracene	ND	0.33

SOURCE: NES 7-28-03 CLOSURE REQUEST

TABLE 2

LABORATORY RESULTS OF RUST ENVIRONMENT AND INFRASTRUCTURE JULY 1993 INVESTIGATION

AREA	SAMPLE ID	PARAMETER	CONCENTRATION	DETECTION LIMIT
D	N45-S1	Fluoroanthene	ND	0.33
D	N45-S1	Fluorene	ND	0.33
D	N45-S1	Indeno(1,2,3-cd)pyrene	ND	0.33
D	N45-S1	Naphthalene	ND	0.33
D	N45-S1	Phenanthrene	ND	0.33
D	N45-S1	Pyrene	0.667	0.33
D	N45-S1	Benz(a)anthracene	ND	0.33

SOURCE: MES 7-28-03 CLOSURE REQUEST

TABLE 3

Nestle/Carnation Parcel
MES Project Number 7-31048
Summary of Soil Sample Analysis Results

Boring	Depth (ft)	Date Collected	PID Value	DRO (mg/kg)	GRO (mg/kg)	VOCs (ug/kg)	Metals (mg/kg)			Cyanide (mg/kg)
						Tetrachloroethene	Lead	Arsenic	Mercury	
B-1	0-2	4/7/03	ND	11.2	<7.35	<25	**57.4**	<3.71	<0.06	<0.371
B-2	0-2	4/7/03	ND	17.3	<8.64	89.7	**117**	**8.95**	0.090	<0.392
B-3	4-6	4/8/03	ND	23.6	<9.7	<25	8.86	**7.64**	0.075	<0.393
B-4	2-4	4/8/03	ND	14.4	<7.05	<25	32.2	**9.96**	<0.05	0.46
B-5	0-2	4/7/03	ND	<5.42	<9.42	<25	47	**27.9**	3.86	<0.423
B-6	8-10	4/8/03	4	20.7	<5.42	<25	na	na	na	na
DNR GRCL (NR 720)				**100**	**100**	--	**50***	**0.039***	--	--

NOTES:
DNR GRCL = DNR Generic Residual Contaminant Levels
-- = no standard established
Bold numbers indicate concentrations above WDNR GRCLs
*Standard for non-industrial properties

SOURCE: MES 7-28-03 CLOSURE REQUEST

132 SOUTH PARK STREET
OCONOMOWOC, WISCONSIN

TABLE 4

METALS AND VOC ANALYTICAL RESULTS OF PRE-REMEDIATION SOIL SAMPLES - SUMMARY OF DETECTED COMPOUNDS (mg/kg)
GANNETT FLEMING – MARCH & JULY - 2004

Boring ID	**GF-1**			**GF-2**		**GF-3**		**NR 720 RCL[1] - Direct Contact**	
Depth Collected (ft)	**0 - 2**	**2 - 4**	**4 - 6**	**0 - 2**	**2 - 4**	**0 - 1**	**2 - 4**	**Non-Industrial**	**Industrial**
PID Field Screening Results (ppm)	9.3	12.5	17.5	301	120	351	6.8	NS	NS
Arsenic	**1.82**	**4.57**	NA	*1.36*	**7.71**	**2.18**	**7.09**	0.039	1.6
Lead	6.66	7.27	NA	6.55	*64.2*	15.7	5.11	50	500
Volatile Organic Compounds [2]								**NR 720 RCL Groundwater Pathway[1]**	**NR 746 Table 2 - Direct Contact[1]**
Benzene	NA	NA	<0.025	<0.025	<0.025	<0.025	*0.0523*	0.0055	1.1
Ethylbenzene	NA	NA	<0.025	<0.025	<0.025	<0.025	0.0927	2.9	4.6
Naphthalene	NA	NA	<0.025	<0.025	<0.025	<0.025	0.0446	0.4[3]	2.7
Tetrachloroethylene	NA	NA	<0.025	<0.025	0.136	<0.025	<0.025	NS	NS
1,2,4-Trimethylbenzene	NA	NA	<0.025	<0.025	<0.025	<0.025	0.0534	NS	NS
Toluene	NA	NA	0.0416	<0.025	<0.025	<0.025	0.222	1.5	38
Xylenes	NA	NA	0.0914	<0.025	<0.025	<0.025	0.248	4.1	42

Table 4 Continued . . .

Boring ID	**GF-4**		**GF-5**		**GF-6**		**NR 720 RCL[1] - Direct Contact**	
Depth Collected (ft)	**0 - 1.5**	**1.5 - 3.5**	**0 - 3**	**3 - 4**	**1.5**	**2 - 4[3]**	**Non-Industrial**	**Industrial**
PID Field Screening Results (ppm)	19.0	20.0	22.5	26.2	22.3	11.4	NS	NS
Arsenic	**2.45**	**5.98**	**11.7**	**6.53**	**4.1**	**11.1**	0.039	1.6
Lead	8.61	31.7	*153*	**1,260**	*98.0*	11.3	50	500
Volatile Organic Compounds [2]							**NR 720 RCL Groundwater Pathway[1]**	**NR 746 Table 2 - Direct Contact[1]**
Benzene	NA	0.0055	NA	<0.025	<0.025	NA	0.0055	1.1
Ethylbenzene	NA	0.0734	NA	<0.025	<0.025	NA	2.9	4.6
Naphthalene	NA	0.0702	NA	<0.025	0.517	NA	0.4[3]	2.7
Tetrachloroethylene	NA	0.0425	NA	0.0645	<0.025	NA	NS	NS
1,2,4-Trimethylbenzene	NA	0.0885	NA	<0.025	0.0469	NA	NS	NS
Toluene	NA	0.08	NA	<0.025	0.0651	NA	1.5	38
Xylenes	NA	0.282	NA	0.0363	0.0998	NA	4.1	42

Table 4 Continued . . .

Boring ID	**GF-7**		**GF-8**		**GF-9**		**NR 720 RCL - Direct Contact**	
Depth Collected (ft)	**0 - 2**	**2 - 4[2]**	**0 - 2**	**2 - 4**	**0 - 2**	**2 - 4**	**Non-Industrial**	**Industrial**
PID Field Screening Results (ppm)	NA	17.2	215	112	17.8	3.7	NS	NS
Arsenic	**8.14**	**13.9**	**6.19**	**9.07**	**3.74**	**2.39**	0.039	1.6
Lead	37.8	7.17	*304*	10.7	*57.8*	1.67	50	500
Volatile Organic Compounds [2]							**NR 720 RCL Groundwater Pathway[1]**	**NR 746 Table 2 - Direct Contact[1]**
Benzene	NA	<0.025	<0.025	NA	NA	<0.025	0.0055	1.1
Ethylbenzene	NA	0.144	<0.025	NA	NA	0.0791	2.9	4.6
Naphthalene	NA	0.0404	<0.025	NA	NA	0.0357	0.4[3]	2.7
Tetrachloroethylene	NA	<0.025	<0.025	NA	NA	<0.025	NS	NS
1,2,4-Trimethylbenzene	NA	0.219	<0.025	NA	NA	0.0943	NS	NS
Toluene	NA	0.177	<0.025	NA	NA	0.119	1.5	38
Xylenes	NA	0.583	<0.025	NA	NA	0.267	4.1	42

Table 4 Continued . . .

Boring ID	**GF-10**		**GF-11**		**GF-12**		**NR 720 RCL - Direct Contact**	
Depth Collected (ft)	**0 - 2[4]**	**2 – 4**	**0 - 2**	**2 - 4**	**0 - 2**	**2 - 4**	**Non-Industrial**	**Industrial**
PID Field Screening Results (ppm)	24.2	10.3	13.7	24.8	25.3	22.9	NS	NS
Arsenic	**8.92**	**5.39**	**12.8**	**4.13**	**9.95**	**11.2**	0.039	1.6
Lead	44.1	*70.1*	*83.5*	*105*	*65.4*	*73.9*	50	500
Volatile Organic Compounds [4]							**NR 720 RCL Groundwater Pathway [1]**	**NR 746 Table 2 - Direct Contact [1]**
Benzene	<0.025	NA	NA	<0.025	<0.025	NA	0.0055	1.1
Ethylbenzene	0.0966	NA	NA	0.051	0.0466	NA	2.9	4.6
Naphthalene	0.219	NA	NA	0.053	<0.025	NA	0.4[3]	2.7
Tetrachloroethylene	<0.025	NA	NA	<0.025	<0.025	NA	NS	NS
1,2,4-Trimethylbenzene	0.115	NA	NA	0.0529	<0.025	NA	NS	NS
Toluene	0.133	NA	NA	0.0367	<0.025	NA	1.5	38
Xylenes	0.419	NA	NA	0.1265	0.0421	NA	4.1	42

Table 4 Continued . . .

Boring ID	**GF-13**		**GF-14**		**GF-15**		**NR 720 RCL - Direct Contact**	
Depth Collected (ft)	**0 - 2**	**2 - 4**	**0 - 2**	**2 - 4**	**0 - 2**	**2 - 4**	**Non-Industrial**	**Industrial**
PID Field Screening Results (ppm)	23.8	21.6	26.0	14.3	8.9	27.8	NS	NS
Arsenic	**7.79**	**6.59**	**6.50**	**10.0**	**6.22**	**1.83**	0.039	1.6
Lead	*170*	*98.5*	*343*	14.5	*63.4*	2.61	50	500
Volatile Organic Compounds							**NR 720 RCL Groundwater Pathway [1]**	**NR 746 Table 2 - Direct Contact [1]**
Benzene	<0.025	NA	<0.025	NA	NA	<0.025	0.0055	1.1
Ethylbenzene	0.045	NA	0.0842	NA	NA	<0.025	2.9	4.6
Naphthalene	0.0447	NA	0.116	NA	NA	<0.025	0.4[3]	2.7
Tetrachloroethylene	<0.025	NA	<0.025	NA	NA	<0.025	NS	NS
1,2,4-Trimethylbenzene	0.0313	NA	0.0796	NA	NA	<0.025	NS	NS
Toluene	<0.025	NA	0.176	NA	NA	<0.025	1.5	38
Xylenes	0.0850	NA	0.319	NA	NA	<0.025	4.1	42

Table 4 Continued . . .

Boring ID	**GF-16**		**GF-17**		**NR 720 RCL - Direct Contact**	
Depth Collected (ft)	**0 - 2**	**2 - 4**	**0 - 2**	**2 - 4**	**Non-Industrial**	**Industrial**
PID Field Screening Results (ppm)	26.2	10.4	27.5	29.0	NS	NS
Arsenic	*1.09*	**10.0**	*1.54*	**4.19**	0.039	1.6
Lead	*106*	**885**	36.4	**610**	50	500
Volatile Organic Compounds					**NR 720 RCL Groundwater Pathway** [1]	**NR 746 Table 2 - Direct Contact** [1]
Benzene	NA	<0.025	NA	<0.025	0.0055	1.1
Ethylbenzene	NA	<0.025	NA	<0.025	2.9	4.6
Naphthalene	NA	<0.025	NA	<0.025	0.4[3]	2.7
Tetrachloroethylene	NA	<0.025	NA	<0.025	NS	NS
1,2,4-Trimethylbenzene	NA	<0.025	NA	<0.025	NS	NS
Toluene	NA	<0.025	NA	<0.025	1.5	38
Xylenes	NA	<0.025	NA	<0.025	4.1	42

Table 4 Continued . . .

NOTES:

Soils from 0 to 2 feet located around the perimeter of the property were excavated and taken off site for disposal when the site was capped in October 2005.
All results are in mg/kg and are calculated on a dry-weight basis.
Soil samples were collected on March 18 & 19, 2004.
J = Estimated concentration below limit of quantitation.
NA = Not analyzed.
NR 720 RCL = NR 720 residual contaminant levels.
Concentrations exceeding the NR 720 RCL for direct contact at non-industrial sites or the NR 720 RCL for groundwater pathway are in italics and underlined.
Concentrations exceeding the NR 720 RCL for direct contact at industrial sites are in bold.
NS = No promulgated NR 720.

FOOTNOTES:

(1) The NR 720 RCLs groundwater pathway and NR 746 Table 2 direct-contact values for benzene, ethylbenzene, toluene, and xylenes are applicable at both industrial and non-industrial sites.
(2) Soil sample GF-7 2-4 ft also contained traces of isopropylbenzene (0.0599 mg/kg), p-isopropyltoluene (0.0375 mg/kg), and n-propylbenzene (0.061 mg/kg).
(3) The groundwater pathway cleanup soil level for naphthalene is from WDNR's April 1997 Publication RR-519-97 titled "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance."
(4) Soil sample GF-10 0-2 ft also contained traces of isopropylbenzene (0.0345 mg/kg) and n-propylbenzene (0.0395 mg/kg).

Gannett Fleming

132 SOUTH PARK STREET
OCONOMOWOC, WISCONSIN

TABLE 5

SVOC & PAH ANALYTICAL RESULTS OF PRE-REMEDIAL SOIL SAMPLES - SUMMARY OF DETECTED COMPOUNDS (mg/kg)
GANNETT FLEMING - MARCH & JULY – 2004

Parameter	Boring ID and Depth Collected (ft)							WDNR Suggested RCLs[1]		
	GF-1			GF-2		GF-3		Groundwater Pathway	Direct Contact	
	0 - 2	2 - 4	4 - 6	0 - 2	2 - 4	0 - 1	2 - 4		Non-Industrial	Industrial
Anthracene	NA	NA	<0.0493	NA	<0.556	NA	<0.506	3,000	5,000	300,000
Benzo(a)anthracene	NA	NA	<0.0985	NA	<1.11	NA	<1.01	17	0.088	3.9
Benzo(b)fluoranthene	NA	NA	<0.123	NA	<1.39	NA	<1.26	360	0.088	3.9
Benzo(k)fluoranthene	NA	NA	<0.123	NA	<1.39	NA	<1.26	870	0.88	39
Benzo(g,h,i)perylene	NA	NA	<0.111	NA	<1.25	NA	<1.14	6,800	1.8	39
Benzo(a)pyrene	NA	NA	<0.123	NA	<1.39	NA	<1.26	48	0.0088	0.39
Chrysene	NA	NA	<0.0985	NA	<1.110	NA	<1.01	37	8.8	390
Dibenzo(a,h)anthracene	NA	NA	<0.123	NA	<1.39	NA	<1.26	38	0.0088	0.39
Di-ethyl Phthalate	NA	NA	<0.0493	NA	<0.566	NA	<0.506	NS	NS	NS
Di-n-Butylphthalate	NA	NA	0.0911 J	NA	<0.566	NA	<0.506	NS	NS	NS
Fluoranthene	NA	NA	<0.0616	NA	<0.695	NA	<0.632	100	600	40,000
Indeno(1,2,3-cd)pyrene	NA	NA	<0.0862	NA	<0.974	NA	<0.885	680	0.088	3.9
2-Methyl Naphthalene	NA	NA	<0.0739	NA	<0.834	NA	<0.759	20	600	40,000
Naphthalene	NA	NA	<0.0493	NA	<0.566	NA	<0.506	0.4	20	110
Phrenanthrene	NA	NA	0.0702 J	NA	<0.566	NA	<0.506	1.8	18	390
Pyrene	NA	NA	<0.0493	NA	<0.566	NA	<0.506	8,700	500	30,000

Table 5 Continued . . .

Parameter	Boring ID and Depth Collected (ft)						WDNR Suggested RCLs[1]		
	GF-4		GF-5		GF-6		Groundwater Pathway	Direct Contact	
	0 - 1.5	1.5 - 3.5	0 - 3	3 - 4	1.5	2 - 4		Non-Industrial	Industrial
Anthracene	NA	<0.0479	NA	<0.0533	1.42	NA	3,000	5,000	300,000
Benzo(a)anthracene	NA	<0.0958	NA	<0.107	**9.21**	NA	17	0.088	3.9
Benzo(b)fluoranthene	NA	<0.12	NA	<0.133	**9.21**	NA	360	0.088	3.9
Benzo(k)fluoranthene	NA	<0.12	NA	<0.133	*3.98*	NA	870	0.88	39
Benzo(g,h,i)perylene	NA	<0.108	NA	<0.12	*3.35*	NA	6,800	1.8	39
Benzo(a)pyrene	NA	<0.12	NA	<0.133	**8.03**	NA	48	0.0088	0.39
Chrysene	NA	<0.0958	NA	<0.107	8.0	NA	37	8.8	390
Dibenzo(a,h)anthracene	NA	<0.12	NA	<0.133	**1.69**	NA	38	0.0088	0.39
Di-ethyl Phthalate	NA	<0.0479	NA	0.0573 J	<0.462	NA	NS	NS	NS
Di-n-Butylphthalate	NA	<0.0479	NA	<0.0533	<0.462	NA	NS	NS	NS
Fluoranthene	NA	<0.0599	NA	<0.0667	17.9	NA	100	600	40,000
Indeno(1,2,3-cd)pyrene	NA	<0.0838	NA	<0.0933	**4.23**	NA	680	0.088	3.9
2-Methyl Naphthalene	NA	0.0826 J	NA	<0.08	<0.693	NA	20	600	40,000
Naphthalene	NA	0.0527 J	NA	<0.0533	<0.462	NA	0.4	20	110
Phrenanthrene	NA	0.105 J	NA	0.068 J	5.54	NA	1.8	18	390
Pyrene	NA	<0.0479	NA	<0.0533	16.5	NA	8,700	500	30,000

Table 5 Continued . . .

Parameter	Boring ID and Depth Collected (ft)						WDNR Suggested RCLs[1]		
	GF-7		GF-8		GF-9				
	0 - 2	2 - 4	0 - 2	2 - 4	0 - 2	2 - 4	Groundwater Pathway	Direct Contact	
								Non-Industrial	Industrial
Anthracene	NA	<0.059	<0.0484	NA	NA	<0.0492	3,000	5,000	300,000
Benzo(a)anthracene	NA	<0.119	<0.0967	NA	NA	< 0.0984	17	0.088	3.9
Benzo(b)fluoranthene	NA	<0.148	<0.121	NA	NA	<0.123	360	0.088	3.9
Benzo(k)fluoranthene	NA	<0.148	<0.121	NA	NA	<0.123	870	0.88	39
Benzo(g,h,i)perylene	NA	<0.134	<0.109	NA	NA	<0.111	6,800	1.8	39
Benzo(a)pyrene	NA	<0.148	<0.121	NA	NA	<0.123	48	0.0088	0.39
Chrysene	NA	<0.119	<0.0967	NA	NA	<0.0984	37	8.8	390
Dibenzo(a,h)anthracene	NA	<0.148	<0.121	NA	NA	<0.123	38	0.0088	0.39
Di-ethyl Phthalate	NA	<0.0593	0.0726 J	NA	NA	0.0664 J	NS	NS	NS
Di-n-Butylphthalate	NA	<0.0593	<0.0484	NA	NA	<0.0492	NS	NS	NS
Fluoranthene	NA	<0.0742	<0.0605	NA	NA	<0.0615	100	600	40,000
Indeno(1,2,3-cd)pyrene	NA	<0.104	<0.0846	NA	NA	<0.0861	680	0.088	3.9
2-Methyl Naphthalene	NA	0.162 J	<0.0726	NA	NA	<0.0738	20	600	40,000
Naphthalene	NA	0.116 J	<0.0484	NA	NA	0.0504 J	0.4	20	110
Phrenanthrene	NA	0.0994 J	<0.0484	NA	NA	<0.0492	1.8	18	390
Pyrene	NA	<0.0593	<0.0484	NA	NA	<0.0492	8,700	500	30,000

Table 5 Continued . . .

Parameter	Boring ID and Depth Collected (ft)						WDNR Suggested RCLs[1]		
	GF-10		GF-11		GF-12				
	0 - 2	2 - 4	0 - 2	2 - 4	0 - 2	2 - 4	Groundwater Pathway	Direct Contact	
								Non-Industrial	Industrial
Anthracene	<0.0114	NA	NA	<0.00583	<0.006	NA	3,000	5,000	300,000
Benzo(a)anthracene	*0.51*	NA	NA	0.0501	0.0706	NA	17	0.088	3.9
Benzo(b)fluoranthene	*0.651*	NA	NA	0.0689	*0.134*	NA	360	0.088	3.9
Benzo(k)fluoranthene	0.265	NA	NA	0.0231	0.114	NA	870	0.88	39
Benzo(g,h,i)perylene	<0.024	NA	NA	0.0986	<0.0126	NA	6,800	1.8	39
Benzo(a)pyrene	<0.0263	NA	NA	*0.045*	<0.0138	NA	48	0.0088	0.39
Chrysene	0.473	NA	NA	0.0499	0.07	NA	37	8.8	390
Dibenzo(a,h)anthracene	<0.016	NA	NA	<0.00816	<0.0084	NA	38	0.0088	0.39
Di-ethyl Phthalate	NA	NA	NA	NA	NA	NA	NS	NS	NS
Fluoranthene	1.56	NA	NA	0.214	0.263	NA	100	600	NS
Indeno(1,2,3-cd)pyrene	<0.0183	NA	NA	<0.00932	0.0986	NA	680	0.088	40,000
1-Methyl Naphthalene	<0.04	NA	NA	0.041	<0.021	NA	23	1,100	70,000
2-Methyl Naphthalene	<0.0469	NA	NA	0.0537	<0.0246	NA	20	600	40,000
Naphthalene	0.0979	NA	NA	0.0324	<0.0096	NA	0.4	20	110
Phrenanthrene	0.416	NA	NA	0.0611	0.0642	NA	1.8	18	390
Pyrene	1.33	NA	NA	0.22	0.304	NA	8,700	500	30,000

Table 5 Continued . . .

Parameter	Boring ID and Depth Collected (ft)						WDNR Suggested RCLs[1]		
	GF-13		GF-14		GF-15				
	0 - 2	2 - 4	0 – 2	2 - 4	0 - 2	2 - 4	Groundwater Pathway	Direct Contact	
								Non-Industrial	Industrial
Anthracene	<0.0118	NA	<0.0113	NA	NA	<0.00104	3,000	5,000	300,000
Benzo(a)anthracene	*0.185*	NA	<0.0464	NA	NA	<0.00428	17	0.088	3.9
Benzo(b)fluoranthene	*0.328*	NA	*0.677*	NA	NA	<0.00219	360	0.088	3.9
Benzo(k)fluoranthene	0.133	NA	<0.0328	NA	NA	<0.00303	870	0.88	39
Benzo(g,h,i)perylene	0.309	NA	0.0657	NA	NA	<0.00219	6,800	1.8	39
Benzo(a)pyrene	*0.207*	NA	*0.0678*	NA	NA	<0.0024	48	0.0088	0.39
Chrysene	0.264	NA	0.0495	NA	NA	<0.0024	37	8.8	390
Dibenzo(a,h)anthracene	<0.0165	NA	<0.0159	NA	NA	<0.00146	38	0.0088	0.39
Di-ethyl Phthalate	NA	NA	NA	NA	NA	NA	NS	NS	NS
Fluoranthene	0.778	NA	0.229	NA	NA	<0.00104	100	600	40,000
Indeno(1,2,3-cd)pyrene	*0.259*	NA	0.035	NA	NA	<0.00167	680	0.088	3.9
1 Methyl Naphthalene	<0.0412	NA	<0.0396	NA	NA	<0.00365	23	1,100	70,000
2-Methyl Naphthalene	<0.0483	NA	<0.0464	NA	NA	<0.00428	20	600	40,000
Naphthalene	<0.0189	NA	<0.0181	NA	NA	<0.00167	0.4	20	110
Phrenanthrene	0.159	NA	0.066	NA	NA	<0.0024	1.8	18	390
Pyrene	0.572	NA	0.191	NA	NA	<0.00104	8,700	500	30,000

Table 5 Continued . . .

Parameter	Boring ID and Depth Collected (ft)				WDNR Suggested RCLs[1]		
	GF-16		GF-17		Groundwater Pathway	Direct Contact	
	0 - 2	2 - 4	0 - 2	2 - 4		Non-Industrial	Industrial
Anthracene	NA	<0.0142	NA	<0.011	3,000	5,000	300,000
Benzo(a)anthracene	NA	<0.0582	NA	0.0686	17	0.088	3.9
Benzo(b)fluoranthene	NA	*0.0895*	NA	0.0866	360	0.088	3.9
Benzo(k)fluoranthene	NA	<0.0411	NA	0.0354	870	0.88	39
Benzo(g,h,i)perylene	NA	0.127	NA	0.0431	6,800	1.8	39
Benzo(a)pyrene	NA	*0.0687*	NA	*0.0636*	48	0.0088	0.39
Chrysene	NA	0.0606	NA	0.0732	37	8.8	390
Dibenzo(a,h)anthracene	NA	<0.0199	NA	<0.0154	38	0.0088	0.39
Di-ethyl Phthalate	NA	NA	NA	NA	NS	NS	NS
Fluoranthene	NA	0.326	NA	0.289	100	NS	NS
Indeno(1,2,3-cd)pyrene	NA	0.046	NA	<0.0176	680	600	40,000
1 Methyl Naphthalene	NA	0.0651	NA	<0.0385	23	1,100	70,000
2-Methyl Naphthalene	NA	0.0775	NA	<0.0451	20	600	40,000
Naphthalene	NA	0.0372	NA	<0.0176	0.4	20	110
Phrenanthrene	NA	0.12	NA	0.1	1.8	18	390
Pyrene	NA	0.319	NA	0.23	8,700	500	30,000

Table 5 Continued . . .

NOTES:

Soils from 0 to 2 feet located around the perimeter of the property were excavated and taken off site for disposal when the site was capped in October 2005.
All results are in mg/kg and are calculated on a dry-weight basis.
Soil samples collected on March 18 & 19, 2004, were analyzed for semi-volatile organic compounds (SVOCs). Soil samples collected on July 15, 2004, were analyzed for polycyclic aromatic hydrocarbons (PAHs), a subset of SVOCs.
J = Estimated concentration below limit of quantitation.
NA = Not analyzed.
NS = No WDNR-suggested RCL.
RCL =The WDNR suggested residual contaminant levels.
Concentrations exceeding the RCL for protection of the groundwater pathway are shaded.
Concentrations exceeding the RCL for direct contact at non-industrial sites are in italics and underlined.
Concentrations exceeding the RCL for direct contact at industrial sites are in bold.

FOOTNOTE:

(1) The suggested RCLs for semi-volatile organic compounds are from the WDNR's April 1997 Publication RR-519-97 titled "Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance."

TABLE 6

Nestle/Carnation Parcel
MES Project Number 7-31048
Summary of Groundwater Sample Results

Boring	Date Collected	Cyanide (mg/L)	Dissolved Metals (mg/L)			Volatile Organic Compounds (ug/L)						
			Arsenic	Lead	Mercury	Benzene	Trimethylbenzenes	Ethylbenzene	Naphthalene	Toluene	Total Xylenes	1,1,1-Trichloroethane
N48-W1*	Jul-93	na	na	na	na	ND	ND	ND	ND	ND	ND	5.1
N49-W1*	Jul-93	na	na	na	na	ND	ND	ND	ND	ND	ND	6.3
PZ-6*	Jul-93	na	na	na	na	ND	ND	ND	ND	ND	ND	ND
MW-5P^	8/25/94	na	na	na	na	ND	ND	ND	ND	ND	ND	ND
MW-6P^	8/25/94	na	na	na	na	ND	ND	ND	ND	ND	ND	ND
B-1	4/7/03	<0.01	**0.0589**	<0.005	<0.0002	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5
B-2	4/7/03	<0.01	<0.05	<0.005	<0.0002	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5
B-3	4/8/03	<0.01	<0.05	<0.005	<0.0002	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5
B-4	4/8/03	<0.01	<0.05	<0.005	<0.0002	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5
DNR PAL		**0.04**	**0.005**	**0.0015**	**0.0002**	**0.5**	**96**	**140**	**8**	**200**	**1000**	**1000**
DNR ES		**0.2**	**0.05**	**0.015**	**0.002**	**5**	**480**	**700**	**40**	**1000**	**10000**	**10000**

NOTES:
DNR PAL = NR140 Preventive Action Limit
DNR ES = NR140 Enforcement Standard
Bold numbers = concentration above PAL
Bold and underlined numbers = concentration above ES

mg/L = milligrams per liter = parts per million
ug/L = micrograms per liter = parts per billion
* Data from 1993 RUST Investigation
^Data from 1994 Park Investigation

SOURCE: MES 7-28-03 CLOSURE REQUEST

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TABLE 7

ANALYTICAL RESULTS OF GEOPROBE GROUNDWATER SAMPLES - SUMMARY OF DETECTED COMPOUNDS
GANNETT FLEMING - MARCH 2004

Parameters	Units	Sample ID and Depth Collected (ft)						NR 140 PAL	NR 140 ES
	–	GF-1 S	GF-1 D	GF-2 S	GF-3 S	GF-4 S	GF-4 D	–	–
		8 - 12	19 - 23	6 - 8	8 - 12	8 - 12	16 - 20		
Arsenic	mg/ℓ	*2.47 J*	*1.09 J*	*2.35 J*	*5.73*	*2.34 J*	*1.46 J*	1	10
Volatile Organic Compounds									
Acetone	µg/ℓ	<5.00	<5.00	6.64 J	20.2	5.86 J	<5.00	200	1,000
Cis-1,2-Dichloroethylene	µg/ℓ	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	7	70
Ethylbenzene	µg/ℓ	<0.5	<0.5	<0.5	<0.5	0.914 J	0.639 J	140	700
Toluene	µg/ℓ	<0.3	0.38 J	<0.3	<0.3	0.848 J	0.621 J	200	1,000
Xylenes	µg/ℓ	<0.92	<0.92	<0.92	<0.92	2.499	0.66	1,000	10,000
Semi-volatile Organic Compounds									
Bis(2-Ethylhexyl)Phthalate*	µg/ℓ	1.84 J	2.88 J	**19.4**	**32.9**	**155**	**35.7**	0.6	6
Chrysene	µg/ℓ	<0.9	<0.9	<0.9	**1.83 J**	<0.9	<0.9	0.02	0.2
Di-n-Butylphthalate	µg/ℓ	1.58 J	1.31 J	3.10 J	7.76	2.32 J	5.14	20	100
Fluoranthene	µg/ℓ	<1.10	<1.10	<1.10	1.54 J	<1.10	<1.10	80	400
Phrenanthrene	µg/ℓ	<1.00	<1.00	<1.00	3.04 J	<1.00	<1.00	NS	NS
Pyrene	µg/ℓ	<1.40	<1.40	<1.40	1.57 J	<1.40	<1.40	50	250
2-Methyl Naphthalene	µg/ℓ	<2.40	<2.40	<2.40	4.69 J	<2.40	<2.40	NS	NS
Naphthalene	µg/ℓ	<1.40	<1.40	<1.40	3.86 J	<1.40	<1.40	8	40

Table 7 Continued . . .

Parameter	Units	Sample ID and Depth Collected (ft)					NR 140 PAL	NR 140 ES
		GF-5 S	GF-6 S	GF-7 S	GF-8 S	GF-9 S		
	–	8 - 12	6 - 8	8 - 12	10 - 12	8 - 12	–	–
Arsenic	mg/ℓ	*2.83 J*	<1.00	<1.00	<1.00	**11.3**	1	10
Volatile Organic Compounds								
Acetone	µg/ℓ	<5.00	<5.00	<5.00	<5.00	<5.00	200	1,000
Cis-1,2-Dichloroethylene	µg/ℓ	<0.4	<0.4	<0.4	<0.4	0.786 J	7	70
Ethylbenzene	µg/ℓ	0.571 J	0.564 J	0.515 J	0.541 J	<0.5	140	700
Toluene	µg/ℓ	0.479 J	0.687 J	0.76 J	0.591 J	<0.3	200	1,000
Xylenes	µg/ℓ	<0.92	<0.92	<0.92	<0.92	<0.92	1,000	10,000
Semi-volatile Organic Compounds								
Bis(2-Ethylhexyl)Phthalate*	µg/ℓ	**43.3**	**7.34**	<1.20	5.41	1.63 J	0.6	6
Chrysene	µg/ℓ	<0.9	<0.9	<0.9	<0.9	<0.9	0.02	0.2
Di-n-Butylphthalate	µg/ℓ	<1.30	1.89 J	<1.30	4.72	<1.30	20	100
Fluoranthene	µg/ℓ	<1.10	1.20 J	<1.10	<1.10	<1.10	80	400
Phrenanthrene	µg/ℓ	<1.00	<1.00	<1.00	<1.00	<1.00	NS	NS
Pyrene	µg/ℓ	<1.40	<1.40	<1.40	<1.40	<1.40	50	250
2-Methyl Naphthalene	µg/ℓ	<2.40	<2.40	<2.40	<2.40	<2.40	NS	NS
Naphthalene	µg/ℓ	<1.40	<1.40	<1.40	<1.40	<1.40	8	40

NOTES:
The source of the Bis(2-Ethylhexyl)Phthalate was the plastic tubing used to collect the groundwater samples. See Gannett Fleming's 6/9/04 letter to WDNR.
Groundwater samples from GP-1 through GP-9 were analyzed for lead; however, it was not detected in any of the samples and therefore it was not tabulated.
NR 140 PAL = Wisconsin Administrative Code NR 140 preventive action limit; concentrations exceeding the NR 140 PAL are in italics and underlined.
NR 140 ES = Wisconsin Administrative Code NR 140 enforcement standard; concentrations exceeding the NR 140 ES are in bold.
J = Estimated concentration below laboratory quantitation level.
NS = No promulgated NR 140 PAL or ES.

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TABLE 8

ANALYTICAL RESULTS OF GEOPROBE GROUNDWATER SAMPLES - SUMMARY OF DETECTED COMPOUNDS
GANNETT FLEMING - JULY- 2004

Parameter	Units	Sample ID and Depth Collected (ft)						NR 140 PAL	NR 140 ES
		GF-10 S	GF-12 S	GF-17 S					
	–	12 - 16	12 - 16	12 - 16				–	–
Arsenic	mg/ℓ	*1.80 J*	*1.40 J*	<0.6				1	10
Lead	mg/ℓ	0.5 J	0.5 J	0.7 J				1.5	15
Volatile Organic Compounds									
Toluene	µg/ℓ	0.837 J	0.884 J	0.996 J				200	1,000
Polycyclic Aromatic Hydrocarbons									
Benzo(a)Anthracene	µg/ℓ	<0.04	<0.04	0.205				NS	NS
Benzo(b)Fluoranthene	µg/ℓ	<0.04	<0.04	**0.407**				0.02	0.2
Benzo(k)Fluoranthene	µg/ℓ	<0.04	<0.04	0.173				NS	NS
Benzo(ghi)Perylene	µg/ℓ	<0.05	<0.05	0.317				NS	NS
Chrysene	µg/ℓ	<0.05	<0.05	**0.264**				0.02	0.2
Dibenzo(a,h)Anthracene	µg/ℓ	<0.06	<0.06	0.238				NS	NS
Fluoranthene	µg/ℓ	<0.06	<0.06	0.896				80	400
Indeno(1,2,3-cd)Pyrene	µg/ℓ	<0.05	<0.05	0.345				NS	NS
Phrenanthrene	µg/ℓ	0.196	0.18	0.216				NS	NS

Table 8 Continued . . .

NOTES:

NR 140 PAL = NR 140 preventative action limits; concentrations exceeding the NR 140 PALs are underlined and in italics.
NR 140 ES = NR 140 enforcement standards; concentrations exceeding the NR 140 ES are in bold.
J = Estimated concentration below limit of quantitation.
NS = No promulgated NR 140 PAL or ES.

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TABLE 9

ANALYTICAL RESULTS OF GROUNDWATER SAMPLES FROM MONITORING WELLS - SUMMARY OF DETECTED COMPOUNDS
DECEMBER 2004 - AUGUST 2005

Parameter	Units	Well ID & Date of Sample						NR 140 PAL	NR 140 ES
		MW-1			MW-2			--	--
		12/9/04	3/9/05	6/15/05	12/9/04	3/9/05	6/15/05		
Arsenic	mg/ℓ	*8.5*	*5.10*	*1.20 J*	0.7 J	*1.10 J*	0.7 J	*1*	10
Lead	mg/ℓ	<0.3	NA	NA	<0.3	NA	NA	*1.5*	15
Polycyclic Aromatic Hydrocarbons									
Benzo(a)Pyrene	µg/ℓ	<0.017	<0.0187	<0.0187	<0.017	<0.0212	*0.037 J*	*0.02*	0.2
Benzo(b)Fluoranthene	µg/ℓ	<0.04	*0.023 J*	<0.022	<0.04	<0.025	<0.02	*0.02*	0.2
Benzo(k)Fluoranthene	µg/ℓ	<0.04	<0.044	<0.044	<0.04	<0.05	<0.04	*NS*	NS
Benzo(ghi)Perylene	µg/ℓ	<0.05	0.134 J	0.127 J	<0.05	0.324	0.119 J	*NS*	NS
Fluoranthene	µg/ℓ	<0.06	0.215	0.121 J	<0.06	0.48	0.108 J	*80*	400
Indeno(1,2,3-cd)Pyrene	µg/ℓ	<0.05	<0.055	<0.055	<0.05	<0.0625	<0.05	*NS*	NS
Phrenanthrene	µg/ℓ	<0.08	<0.088	<0.088	<0.08	0.175 J	<0.08	*NS*	NS
Pyrene	µg/ℓ	<0.09	<0.099	0.1 J	<0.09	0.195 J	0.111 J	*50*	250

NOTES:

All wells were sampled for volatile organic compounds on December 9, 2004; however, no compounds were detected and therefore the results were not tabulated.

NR 140 PAL = NR 140 preventative action limits; concentrations exceeding the NR 140 PALs are underlined and in italics.

NR 140 ES = NR 140 enforcement standards; concentrations exceeding the NR 140 ES are in bold.

NS = No promulgated NR 140 PAL or ES.

J = Estimated concentration below limit of quantitation.

NA = Not analyzed

Table 9 Continued

Parameter	Units	Well ID & Date of Sample								NR 140 PAL	NR 140 ES
		MW-3			MW-4					--	--
		12/9/04	3/9/05	6/15/05	12/9/04	3/9/05	6/15/05	8/17/05	8/31/05		
Arsenic	mg/ℓ	*1.80 J*	*2.3*	*1.9 J*	*8.10*	*7.1*	**12.9**	**13.0**	**16.3**	*1*	10
Lead	mg/ℓ	<0.3	NA	NA	<0.3	NA	NA	NA	NA	*1.5*	15
Polycyclic Aromatic Hydrocarbons											
Benzo(a)Pyrene	µg/ℓ	<0.017	<0.017	*0.1*	<0.017	<0.0187	<0.212	NA	NA	*0.02*	0.2
Benzo(b)Fluoranthene	µg/ℓ	<0.04	<0.02	*0.131*	<0.04	<0.022	<0.025	NA	NA	*0.02*	0.2
Benzo(k)Fluoranthene	µg/ℓ	<0.04	<0.04	0.125 J	<0.04	<0.044	<0.05	NA	NA	*NS*	NS
Benzo(ghi)Perylene	µg/ℓ	<0.05	<0.05	0.586	<0.05	<0.055	<0.0625	NA	NA	*NS*	NS
Fluoranthene	µg/ℓ	0.113 J	0.478	0.449	<0.06	<0.066	<0.075	NA	NA	*80*	400
Indeno(1,2,3-cd)Pyrene	µg/ℓ	<0.05	<0.05	0.149 J	<0.05	<0.055	<0.0625	NA	NA	*NS*	NS
Phrenanthrene	µg/ℓ	<0.08	<0.08	<0.096	<0.08	<0.088	<0.1	NA	NA	*NS*	NS
Pyrene	µg/ℓ	0.192 J	<0.09	0.505	<0.09	<0.099	<0.113	NA	NA	*50*	250

NOTES:

All wells were sampled for volatile organic compounds on December 9, 2004; however, no compounds were detected and therefore the results were not tabulated.

NR 140 PAL = NR 140 preventative action limits; concentrations exceeding the NR 140 PALs are underlined and in italics.

NR 140 ES = NR 140 enforcement standards; concentrations exceeding the NR 140 ES are in bold.

NS = No promulgated NR 140 PAL or ES.

J = Estimated concentration below limit of quantitation.

NA = Not analyzed

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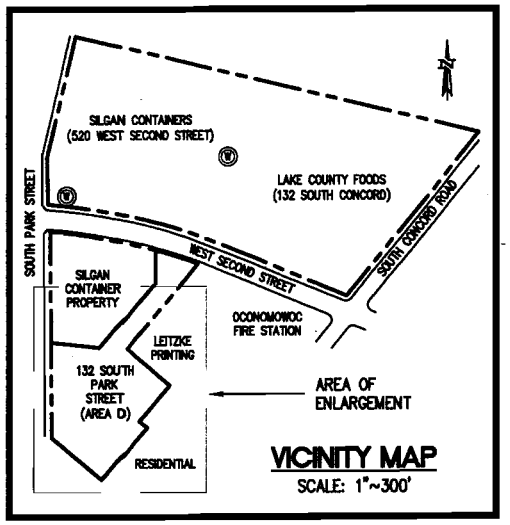
TABLE 10

DEPTH TO GROUNDWATER AND GROUNDWATER ELEVATIONS

Well ID	MW-1	MW-2	MW-3	MW-4
Top of Casing (Ft MSL)	860.48	860.00	857.32	861.08
Top of Screened Interval (ft MSL)	852.87	853.40	852.87	853.61
Bottom of Screened Interval (ft MSL)	842.87	843.40	842.87	843.61
Depth To Groundwater				
12/9/2004	9.26	8.81	5.81	8.98
3/9/2005	8.88	8.4	5.43	9.37
6/15/2005	9.27	8.76	5.76	8.81
8/17/2005	9.67	9.06	6.08	9.53
8/31/2005	9.64	9.14	6.06	9.76
Groundwater Elevation (ft MSL)				
12/9/2004	851.22	851.19	851.51	852.10
3/9/2005	851.60	851.60	851.89	851.71
6/15/2005	851.21	851.24	851.56	852.27
8/17/2005	850.81	850.94	851.24	851.55
8/31/2005	850.84	850.86	851.26	851.32



VICINITY MAP
SCALE: 1"=300'

LEGEND

- GEOPROBE BORING– GANNETT FLEMING (7/04)
- GEOPROBE BORING– GANNETT FLEMING (3/04)
- BOREHOLE– DONOHUE (12/1992)
- MONITORING WELL (ABANDONED)– PARK (1994)
- BOREHOLE– RUST (6/1993)
- HIGH CAPACITY WELL (PRIVATE)
- PIEZOMETER (ABANDONED)– RUST (6/1993)
- BOREHOLE– MES (4/2003)
- TEST PIT– MES (4/2003)
- FENCE (REMOVED 10/05)
- PROPERTY LINE

ANALYTICAL RESULTS

GF-7 = SAMPLE ID
0-2' = DEPTH OF SAMPLE
AS=ARSENIC
PB=LEAD
B=BENZENE

NOTES
ONLY SUBSTANCES WITH CONCENTRATIONS EXCEEDING A NR 720 RESIDUAL CONTAMINANT LEVEL ARE SHOWN

ALL RESULTS ARE IN UNITS OF mg/kg.

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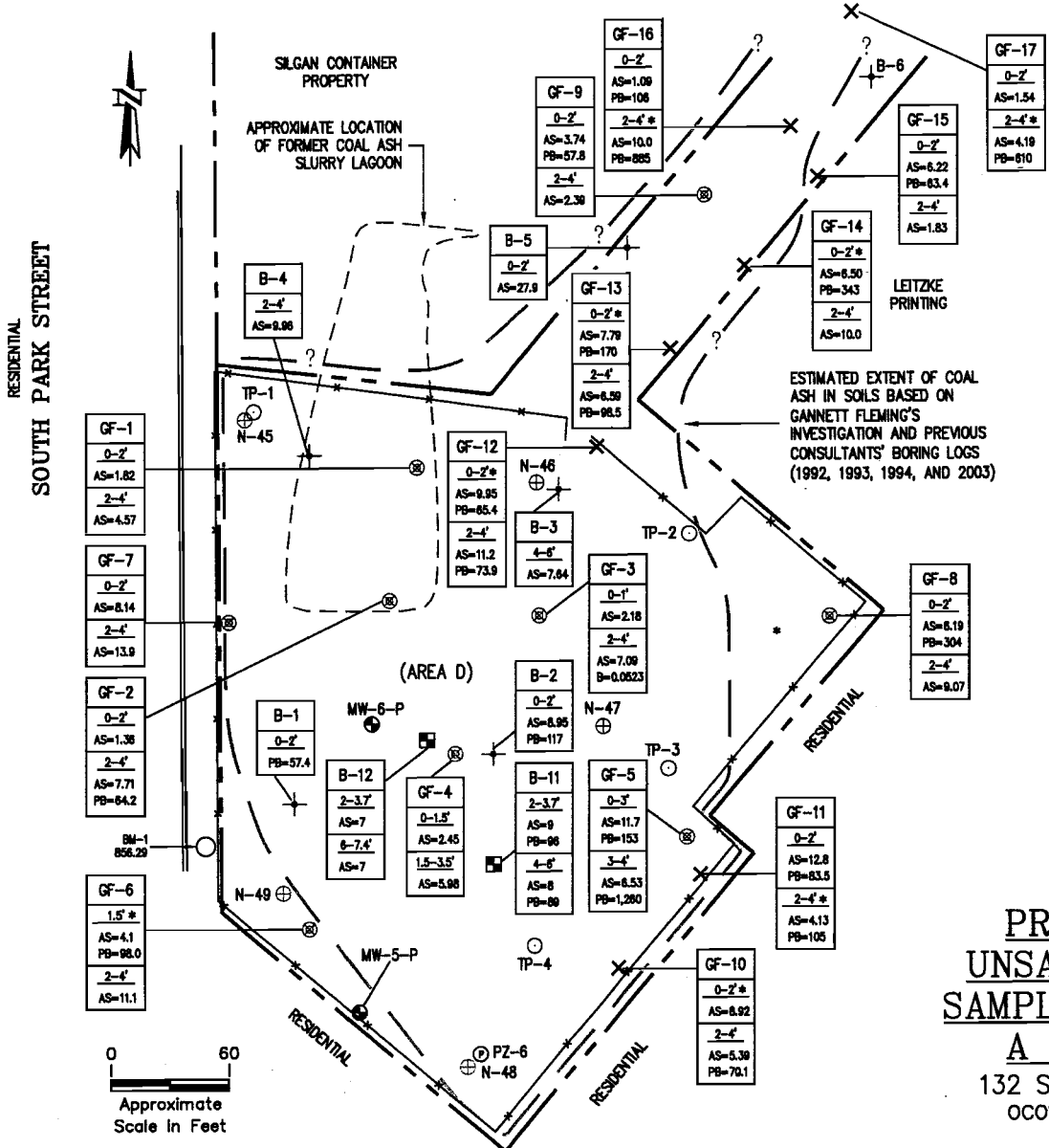

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FIGURE 3

NOTES

1. LOCATION OF COAL ASH SLURRY LAGOON IS BASED ON AERIAL PHOTOS FROM 1963 AND 1969.
2. VICINITY AND SITE PLAN BASED ON OCTOBER 1993 FIGURE 3-1 PREPARED BY RUST ENVIRONMENTAL & INFRASTRUCTURE.
3. NO SOIL SAMPLES WERE COLLECTED FROM WELLS, BORINGS, AND TEST PITS DRILLED BY RUST (1993), PARK (1994), OR MES (2003). HOWEVER, OBSERVATIONS MADE DURING THEIR INSTALLATION WERE USED TO DETERMINE THE AREA OF EXTENT OF THE COAL ASH.

* SAMPLES FROM BORINGS GF-6, GF-10 THROUGH GF-14, GF-16, AND GF-17 ALSO CONTAINED ONE OR MORE POLYCYCLIC AROMATIC HYDROCARBONS ABOVE THE WDNR SUGGESTED RCLs FOR DIRECT CONTACT AT NON-INDUSTRIAL SITES.

PRE-REMEDIAL UNSATURATED SOIL SAMPLES EXCEEDING A NR 720 RCL

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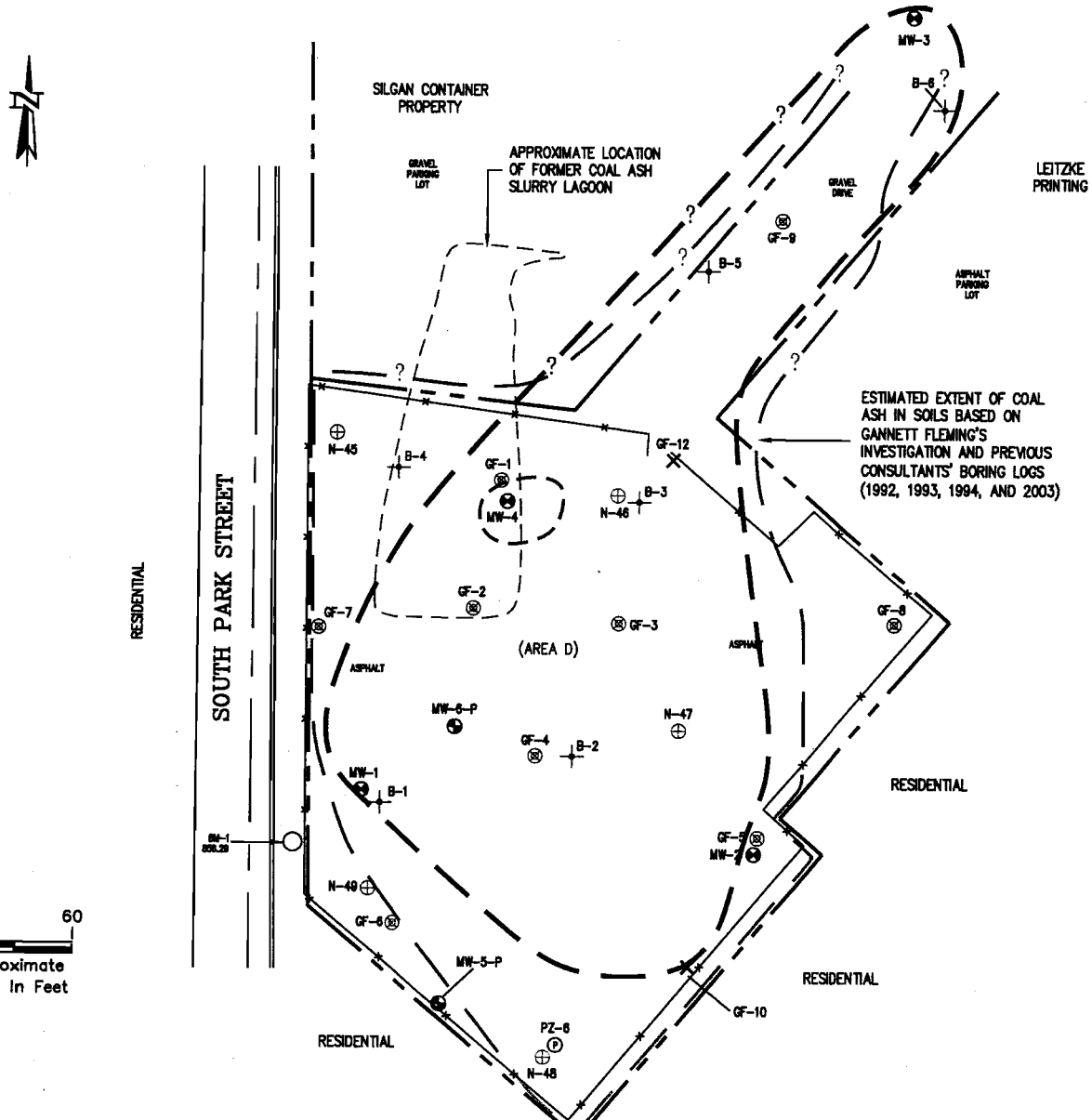

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FIGURE 4

LEGEND

- ESTIMATED EXTENT OF ARSENIC IN GROUNDWATER AT CONCENTRATIONS EXCEEDING THE NR 140 ESs
- ESTIMATED EXTENT OF ARSENIC IN GROUNDWATER AT CONCENTRATIONS EXCEEDING THE NR 140 PALs
- MONITORING WELL LOCATION– GANNETT FLEMING (12/04)
- GEOPROBE BORING– GANNETT FLEMING (7/04)
- GEOPROBE BORING– GANNETT FLEMING (3/04)
- MONITORING WELL– PARK (1994)
- BOREHOLE– RUST (6/1993)
- REMOVED PIEZOMETER– RUST (6/1993)
- BOREHOLE– MES (4/2003)
- FENCE (REMOVED 10/05)
- PROPERTY LINE

NOTES

1. LOCATION OF COAL ASH SLURRY LAGOON IS BASED ON AERIAL PHOTOS FROM 1963 AND 1969.
2. SITE PLAN BASED ON OCTOBER 1993 FIGURE 3–1 PREPARED BY RUST ENVIRONMENTAL AND SURVEY PROVIDED BY THE CURRENT OWNER OF AREA D.

AREA D PLAN SHOWING GROUNDWATER SAMPLE LOCATIONS AND ESTIMATED EXTENT OF ARSENIC AT CONCENTRATIONS EXCEEDING THE NR 140 ESs AND PALs

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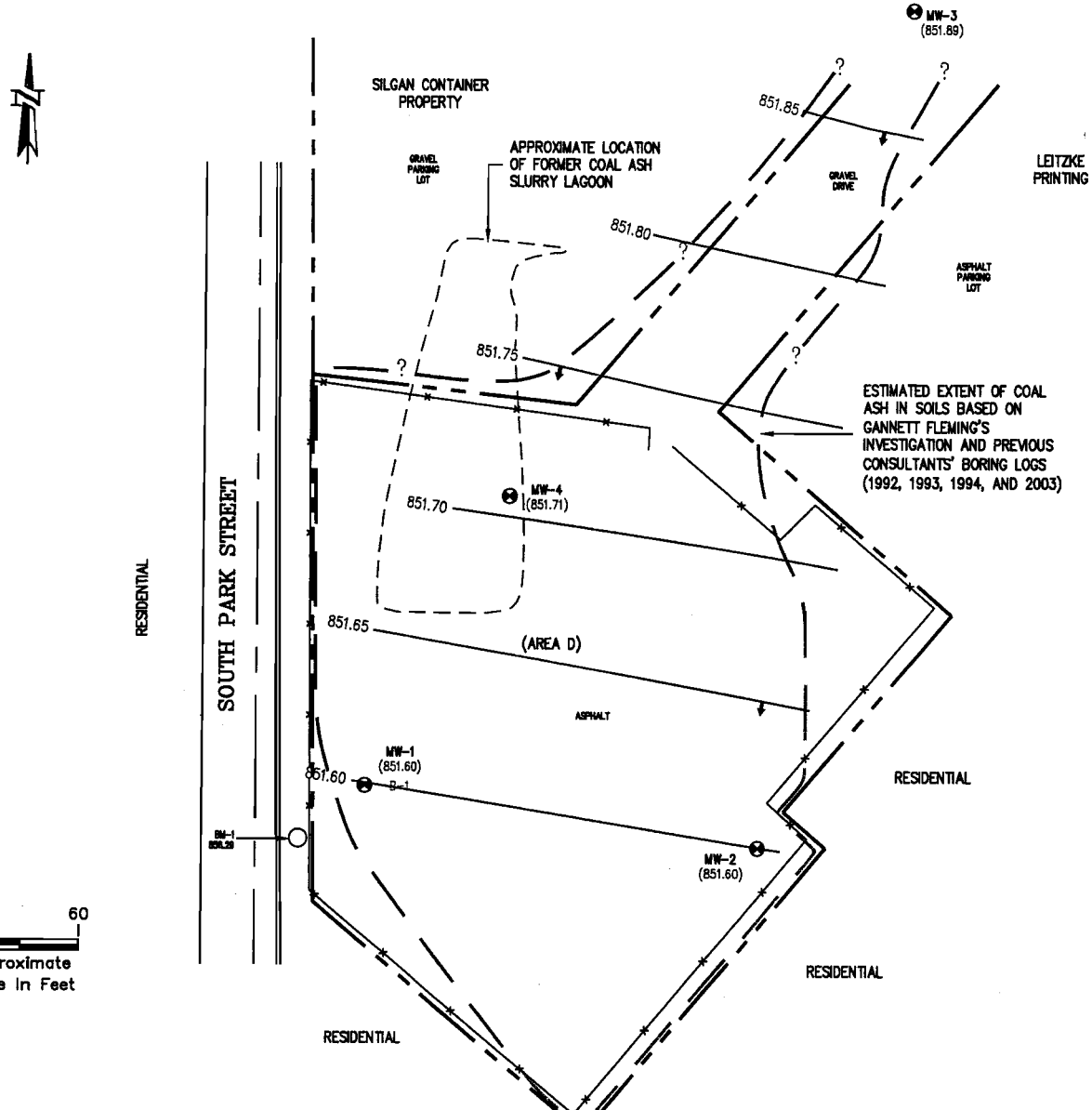

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FIGURE 5

LEGEND

- 851.85 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- (851.89) GROUNDWATER ELEVATION (3/05)
- MONITORING WELL LOCATION– GANNETT FLEMING (12/04)
- FENCE (REMOVED 10/05)
- PROPERTY LINE

NOTES

1. LOCATION OF COAL ASH SLURRY LAGOON IS BASED ON AERIAL PHOTOS FROM 1963 AND 1969.
2. SITE PLAN BASED ON OCTOBER 1993 FIGURE 3-1 PREPARED BY RUST ENVIRONMENTAL AND SURVEY PROVIDED BY THE CURRENT OWNER OF AREA D.
3. GROUNDWATER CONTOURS BASED ON ELEVATIONS MEASURED BY GANNETT FLEMING ON 3/9/05.

AREA D PLAN SHOWING GROUNDWATER CONTOURS (MARCH 2005)

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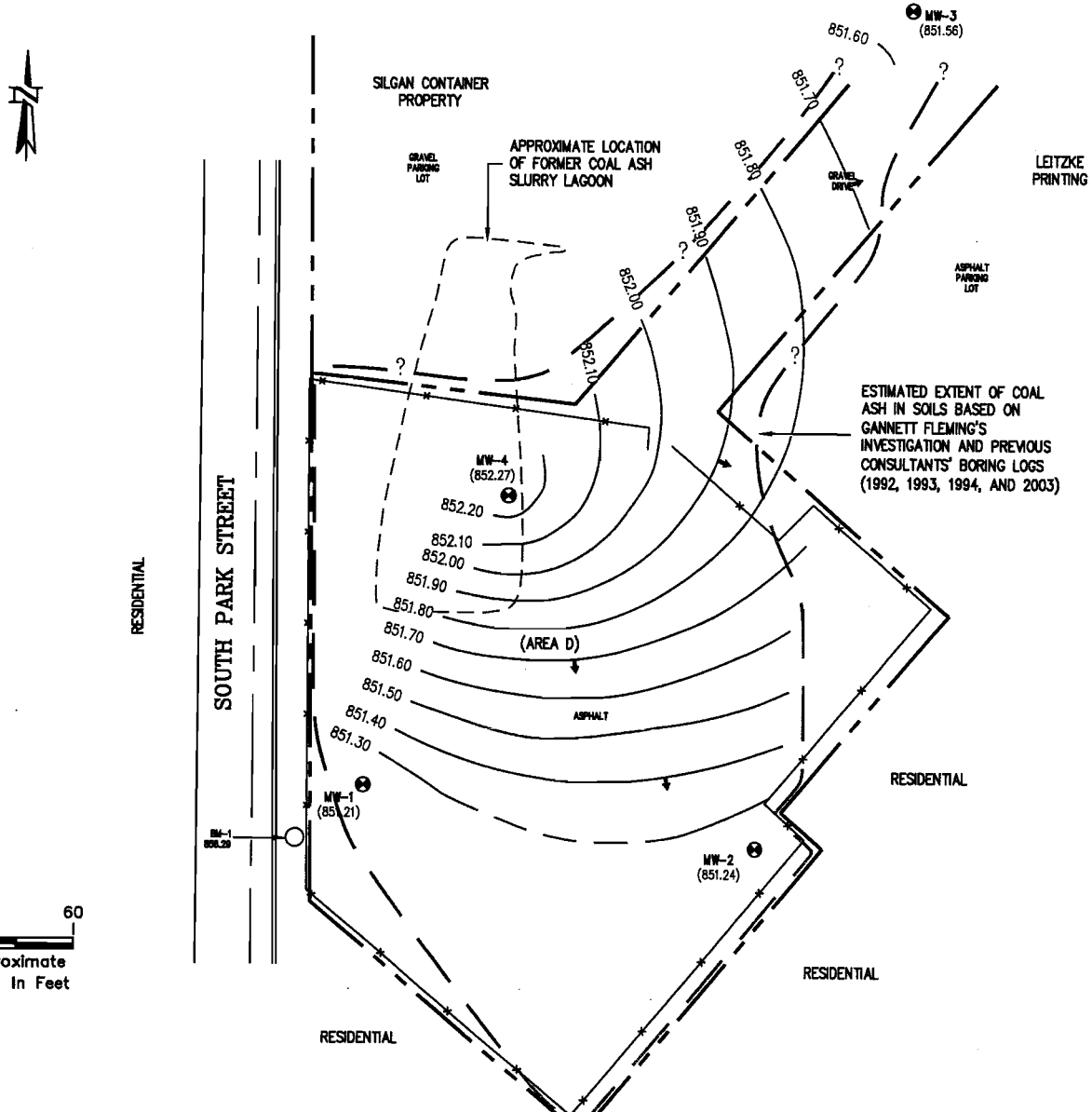

_CONT_06-05
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FIGURE 6

LEGEND

- 851.80 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- (852.27) — GROUNDWATER ELEVATION (6/05)
- MONITORING WELL LOCATION- GANNETT FLEMING (12/04)
- FENCE (REMOVED 10/05)
- PROPERTY LINE

NOTES

1. LOCATION OF COAL ASH SLURRY LAGOON IS BASED ON AERIAL PHOTOS FROM 1963 AND 1969.
2. SITE PLAN BASED ON OCTOBER 1993 FIGURE 3-1 PREPARED BY RUST ENVIRONMENTAL AND SURVEY PROVIDED BY THE CURRENT OWNER OF AREA D.
3. GROUNDWATER CONTOURS BASED ON ELEVATIONS MEASURED BY GANNETT FLEMING ON 6/15/05.

AREA D PLAN SHOWING GROUNDWATER CONTOURS (JUNE 2005)

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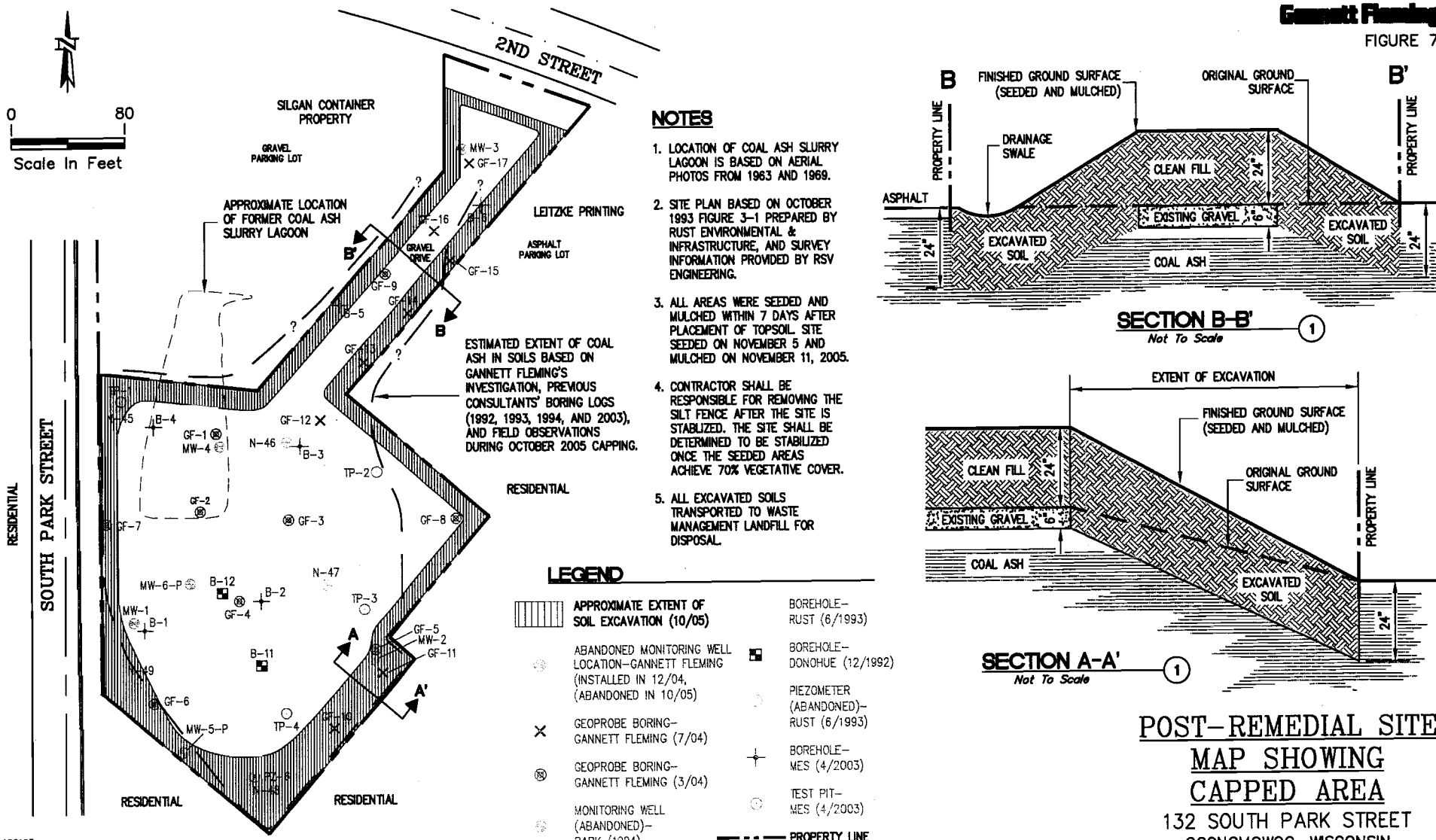
FIGURE 7



NOTES

1. LOCATION OF COAL ASH SLURRY LAGOON IS BASED ON AERIAL PHOTOS FROM 1963 AND 1969.
2. SITE PLAN BASED ON OCTOBER 1993 FIGURE 3-1 PREPARED BY RUST ENVIRONMENTAL & INFRASTRUCTURE, AND SURVEY INFORMATION PROVIDED BY RSV ENGINEERING.
3. ALL AREAS WERE SEEDED AND MULCHED WITHIN 7 DAYS AFTER PLACEMENT OF TOPSOIL. SITE SEEDED ON NOVEMBER 5 AND MULCHED ON NOVEMBER 11, 2005.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE SILT FENCE AFTER THE SITE IS STABILIZED. THE SITE SHALL BE DETERMINED TO BE STABILIZED ONCE THE SEEDED AREAS ACHIEVE 70% VEGETATIVE COVER.
5. ALL EXCAVATED SOILS TRANSPORTED TO WASTE MANAGEMENT LANDFILL FOR DISPOSAL.

LEGEND

- APPROXIMATE EXTENT OF SOIL EXCAVATION (10/05)
- ABANDONED MONITORING WELL LOCATION-GANNETT FLEMING (INSTALLED IN 12/04, (ABANDONED IN 10/05)
- GEOPROBE BORING-GANNETT FLEMING (7/04)
- GEOPROBE BORING-GANNETT FLEMING (3/04)
- MONITORING WELL (ABANDONED)-PARK (1994)
- BOREHOLE-RUST (6/1993)
- BOREHOLE-DONOHUE (12/1992)
- PIEZOMETER (ABANDONED)-RUST (6/1993)
- BOREHOLE-MES (4/2003)
- TEST PIT-MES (4/2003)
- PROPERTY LINE

SECTION B-B'
Not To Scale
1

SECTION A-A'
Not To Scale
1

POST-REMEDIAL SITE MAP SHOWING CAPPED AREA

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122105
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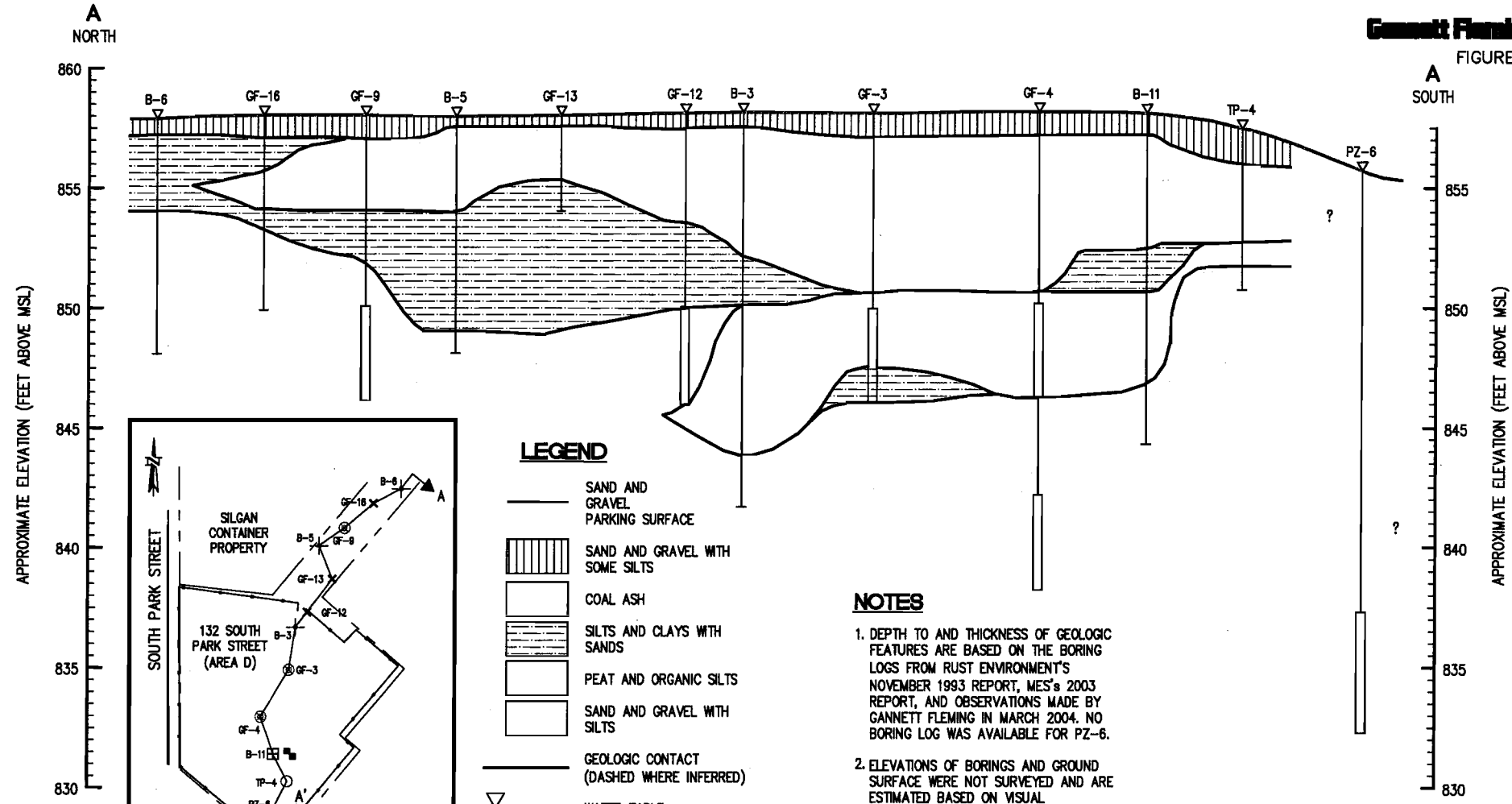
FIGURE 8



SITE LAYOUT
Scale: 1" ~ 150'

LEGEND

- SAND AND GRAVEL PARKING SURFACE
- SAND AND GRAVEL WITH SOME SILTS
- COAL ASH
- SILTS AND CLAYS WITH SANDS
- PEAT AND ORGANIC SILTS
- SAND AND GRAVEL WITH SILTS
- GEOLOGIC CONTACT (DASHED WHERE INFERRED)
- WATER TABLE
- GF-3 — BORING IDENTIFICATION
- GROUNDWATER SAMPLE INTERVAL

NOTES

1. DEPTH TO AND THICKNESS OF GEOLOGIC FEATURES ARE BASED ON THE BORING LOGS FROM RUST ENVIRONMENT'S NOVEMBER 1993 REPORT, MES's 2003 REPORT, AND OBSERVATIONS MADE BY GANNETT FLEMING IN MARCH 2004. NO BORING LOG WAS AVAILABLE FOR PZ-6.
2. ELEVATIONS OF BORINGS AND GROUND SURFACE WERE NOT SURVEYED AND ARE ESTIMATED BASED ON VISUAL OBSERVATIONS MADE BY GANNETT FLEMING ON 3-19-04.

HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'
VERTICAL EXAGGERATION: 10X

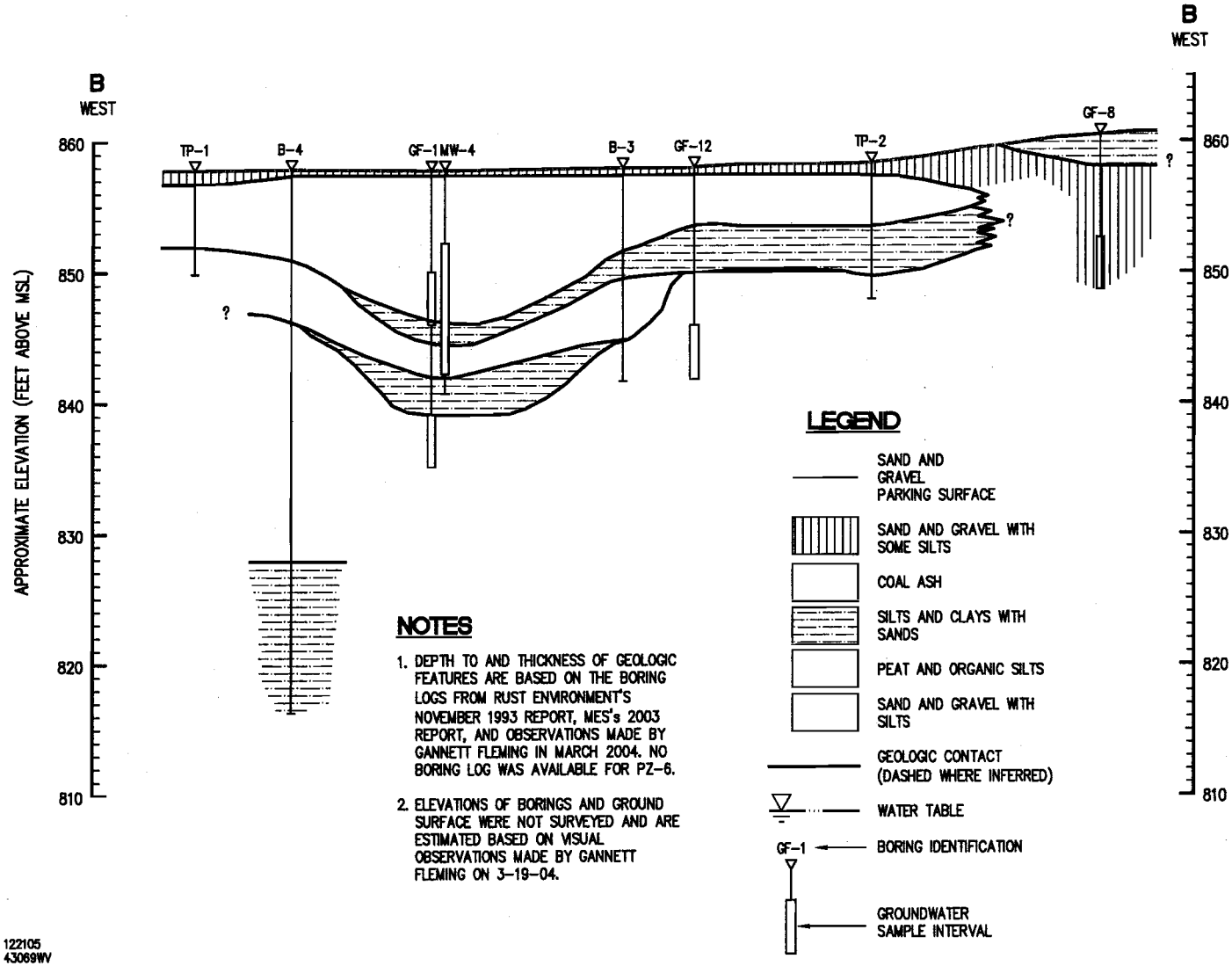
PRE-REMEDIAL CROSS SECTION A-A'

132 SOUTH PARK STREET
OCONOMOWOC, WISCONSIN

122105
43069WU

Gannett Fleming

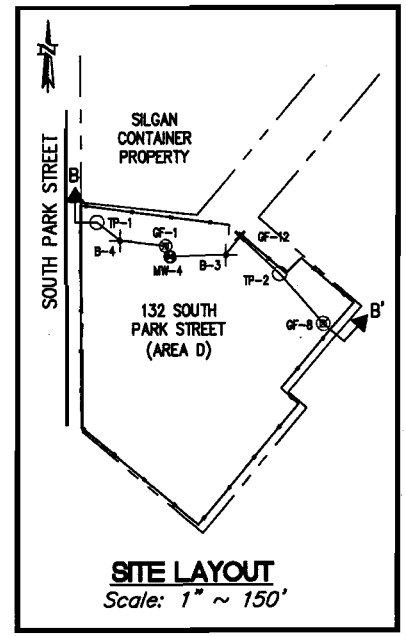
FIGURE 9



NOTES

1. DEPTH TO AND THICKNESS OF GEOLOGIC FEATURES ARE BASED ON THE BORING LOGS FROM RUST ENVIRONMENT'S NOVEMBER 1993 REPORT, MES's 2003 REPORT, AND OBSERVATIONS MADE BY GANNETT FLEMING IN MARCH 2004. NO BORING LOG WAS AVAILABLE FOR PZ-6.

2. ELEVATIONS OF BORINGS AND GROUND SURFACE WERE NOT SURVEYED AND ARE ESTIMATED BASED ON VISUAL OBSERVATIONS MADE BY GANNETT FLEMING ON 3-19-04.



SITE LAYOUT

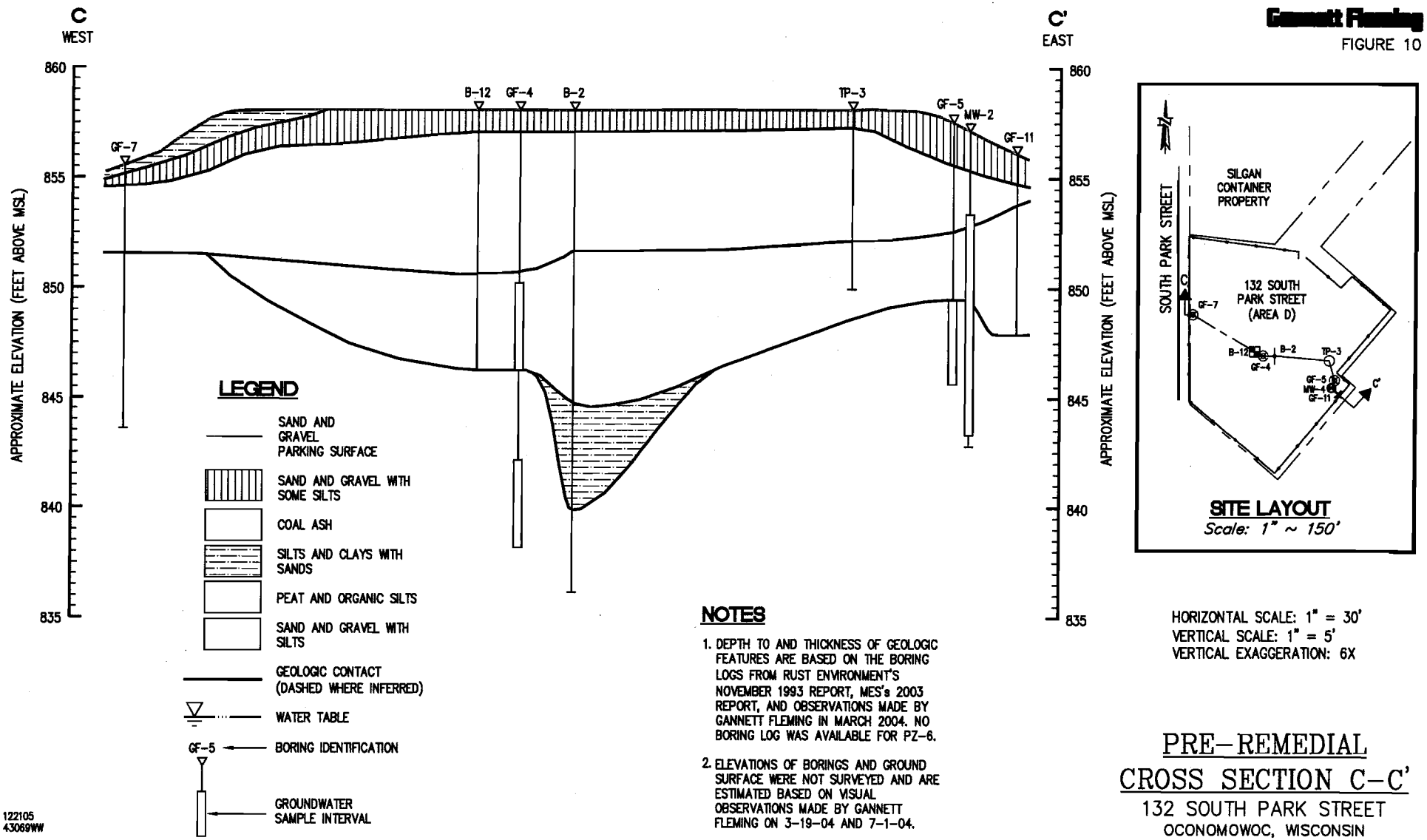
Scale: 1" ~ 150'

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 10'
VERTICAL EXAGGERATION: 4X

PRE-REMEDIAL CROSS SECTION B-B'

132 SOUTH PARK STREET
OCONOMOWOC, WISCONSIN

122105
43069WV



Gannett Fleming

FIGURE 10

NOTES

1. DEPTH TO AND THICKNESS OF GEOLOGIC FEATURES ARE BASED ON THE BORING LOGS FROM RUST ENVIRONMENT'S NOVEMBER 1993 REPORT, MES's 2003 REPORT, AND OBSERVATIONS MADE BY GANNETT FLEMING IN MARCH 2004. NO BORING LOG WAS AVAILABLE FOR PZ-6.
2. ELEVATIONS OF BORINGS AND GROUND SURFACE WERE NOT SURVEYED AND ARE ESTIMATED BASED ON VISUAL OBSERVATIONS MADE BY GANNETT FLEMING ON 3-19-04 AND 7-1-04.

HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 5'
VERTICAL EXAGGERATION: 6X

PRE-REMEDIAL CROSS SECTION C-C'

132 SOUTH PARK STREET
OCONOMOWOC, WISCONSIN

122105
43069WW

JEFFREY MUELLER & RYAN GILE PROPERTY
132 SOUTH PARK STREET (AREA D)
OCONOMOWOC, WISCONSIN
FID #: 268005870
BRRTS No.: 02-68-483442

We hereby state that the legal description of the property at 132 South Park Street in Oconomowoc, as stated in the warranty deed for Parcel Identification Number OCOC 0560.358 recorded in Waukesha County on 11/19/2002 and included ~~as Attachment A to~~ with this GIS Registry submittal, is complete and accurate for the Area D site, which had soil that exceeded an NR 720 RCL and groundwater that exceeded an NR 140 standard at the time that closure was requested.

Ryan Gile, Owner — Date: 1-16-05

Jeffrey Mueller, Owner — Date: 1/16/05

Document Number

DEED RESTRICTION

3372262

REGISTER'S OFFICE
WAUKESHA COUNTY, WI
RECORDED ON

03-23-2006 3:50 PM

MICHAEL J. HASSLINGER
REGISTER OF DEEDS

REC. FEE: 18.00
REC. FEE-CO: 5.00
REC. FEE-ST: 2.00
TRAN. FEE:
TRAN. FEE-STATE:
PAGES: 8

Declaration of Restrictions

In Re: Lot 3 of Certified Survey Map No. 6589, recorded November 6, 1991, in Volume 54 of Certified Survey Maps, on Pages 339, 340, and 341, as Document No. 1683000 being a part of the Southeast ¼ of Section 32, Township 8 North, Range 17 East, in the City of Oconomowoc, County of Waukesha, State of Wisconsin.

Recording Area

Name and Return Address
Jeffrey D. Mueller
N9429 East Shore Road
Mukwonago, WI 53149

STATE OF WISCONSIN)
) ss
)

COUNTY OF WAUKESHA

0C0C 0560.358
Parcel Identification Number

WHEREAS, Jeffrey D. Mueller and Ryan D. Gile are the owners of the above-described property

WHEREAS, coal fly ash was disposed of on this property, and as of March and July 2004 when soil samples were collected on this property, soil containing lead and/or arsenic concentrations above NR 720 residual contaminant levels (RCLs) remained on this property at the locations shown on Exhibit A titled "Pre-Remediation Unsaturated Soil Samples Exceeding an NR 720 RCL."

WHEREAS, it is the desire and intention of the property owners to impose on the property restrictions which will make it unnecessary to conduct further soil remediation activities on the property at the present time.

NOW THEREFORE, the owners hereby declare 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:

The soil cover that existed on the above-described property in the location shown on the attached map, labeled Exhibit B and titled "Post-Remediation Site Map Showing Capped Area" on the date that this restriction was signed shall be maintained in compliance with the "Soil Cover Cap Maintenance Plan" dated December 2005 that was submitted to the Wisconsin Department of Natural Resources by Gannett Fleming, Inc., as required by section NR 724.13(2), Wis. Adm. Code (October 1999). A copy of the maintenance plan can be found at the residence of Jeffrey D. Mueller as shown above. This soil cover must be maintained in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. If soil that remains on the property in the location or locations described above where there is residual contamination is excavated in the future, the soil must be sampled

and analyzed; may be considered solid or hazardous waste if residual contamination remains; and must be stored, treated, and disposed in compliance with applicable statues and rules.

In addition, the following activities are prohibited on any portion of the above-described property where a soil cover is shown on Exhibit B titled "Post-Remediation Site Map Showing Capped Area," unless prior written approval has been obtained from the Wisconsin Department of Natural Resources or its successor or assign: (1) Replacement with another barrier; (2) Excavating or grading of the land surface; (3) Filling on capped areas; (4) Plowing for agricultural cultivation; and (5) Construction or placement of a building or other structure on the soil cover.

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. The restriction inures to the benefit of and is enforceable by the Wisconsin Department of Natural Resources, its successors, or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or propose 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 one or more of the restrictions set forth in this covenant is no longer required. Upon the 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, attached to a copy of the Department's written determination, may be recorded by the property owner or other interested party to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

IN WITNESS WHEREOF, the owners of the property have executed this Declaration of Restrictions, this 23rd day of MARCH, 2006.

Signature: _____
Printed Name: JEFFREY D. MUELLER
Title: OWNER

Signature: _____
Printed Name: RYAN D. GILE
Title: OWNER

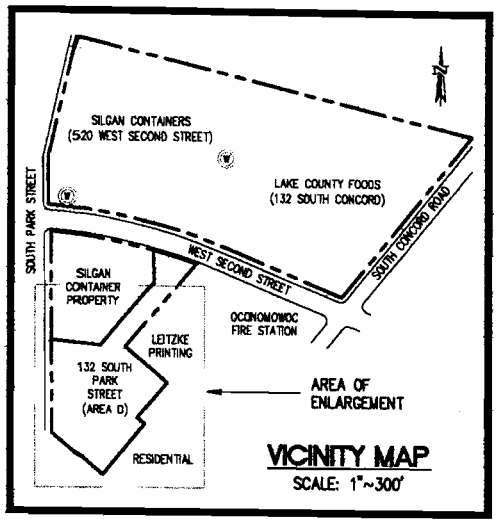
Subscribed and sworn to before me this 23rd day of MARCH, 2006.

_____ MARK C. TRETER
Notary Public, State of WISCONSIN
My commission ~~expires~~ is PERMANENT

This document was drafted by Gannett Fleming, Inc. based on a model deed restriction provided by the Wisconsin Department of Natural Resources.

EXHIBIT A

MAP SHOWING LOCATION OF THE SOIL COVER CAP



VICINITY MAP

SCALE: 1"~300'

LEGEND

- GEOPROBE BORING– GANNETT FLEMING (7/04)
- GEOPROBE BORING– GANNETT FLEMING (3/04)
- BOREHOLE– DONOHUE (12/1992)
- MONITORING WELL (ABANDONED)– PARK (1994)
- BOREHOLE– RUST (6/1993)
- HIGH CAPACITY WELL (PRIVATE)
- PIEZOMETER (ABANDONED)– RUST (6/1993)
- BOREHOLE– MES (4/2003)
- TEST PIT– MES (4/2003)
- FENCE (REMOVED 10/05)
- PROPERTY LINE

ANALYTICAL RESULTS

GF-7 = SAMPLE ID

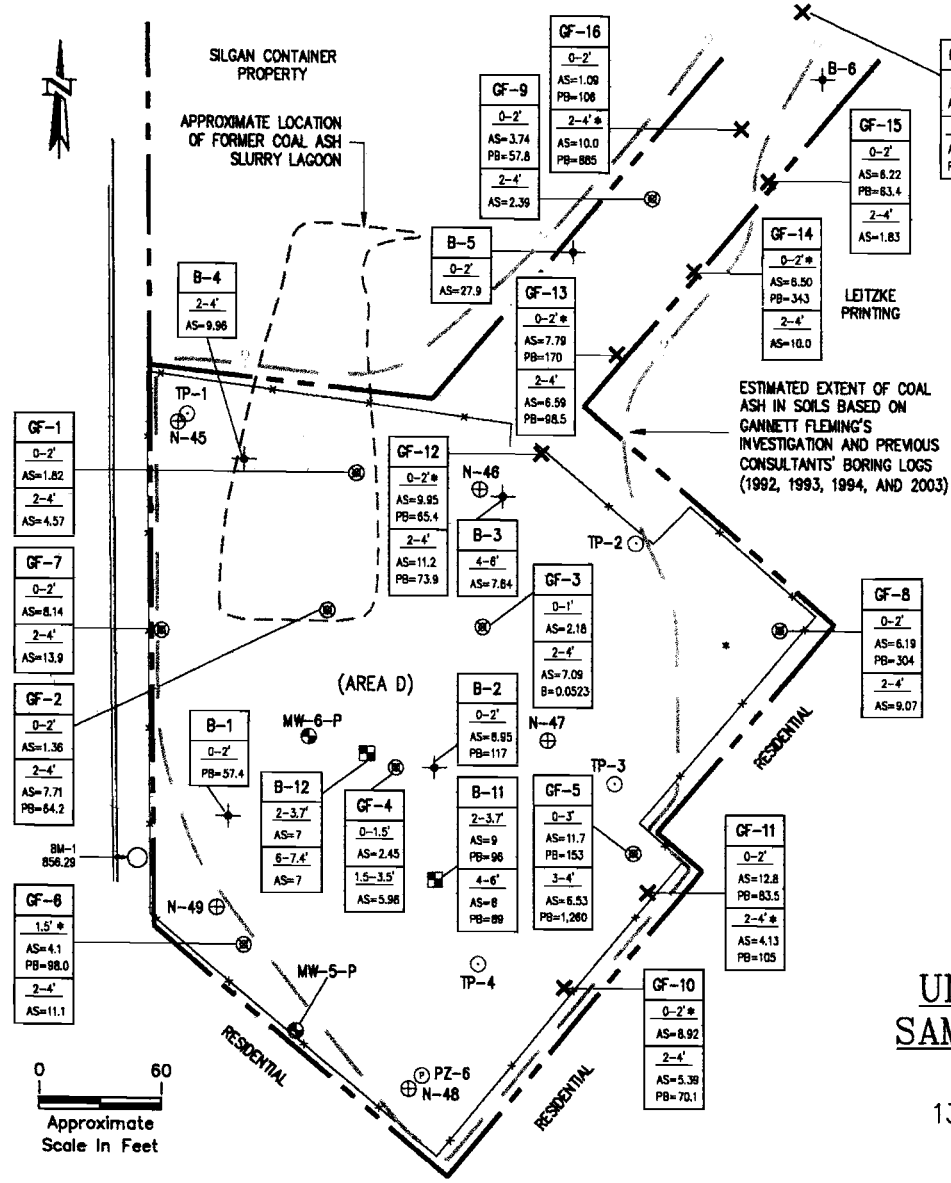
0-2' = DEPTH OF SAMPLE

AS=ARSENIC
PB=LEAD
B=BENZENE

NOTES
ONLY SUBSTANCES WITH CONCENTRATIONS EXCEEDING A NR 720 RESIDUAL CONTAMINANT LEVEL ARE SHOWN

ALL RESULTS ARE IN UNITS OF mg/kg.

022806: FIG # REV
122105
43069WR



Gannett Fleming

EXHIBIT A

NOTES

1. LOCATION OF COAL ASH SLURRY LAGOON IS BASED ON AERIAL PHOTOS FROM 1963 AND 1969.
2. VICINITY AND SITE PLAN BASED ON OCTOBER 1993 FIGURE 3-1 PREPARED BY RUST ENVIRONMENTAL & INFRASTRUCTURE.
3. NO SOIL SAMPLES WERE COLLECTED FROM WELLS, BORINGS, AND TEST PITS DRILLED BY RUST (1993), PARK (1994), OR MES (2003). HOWEVER, OBSERVATIONS MADE DURING THEIR INSTALLATION WERE USED TO DETERMINE THE AREA OF EXTENT OF THE COAL ASH.

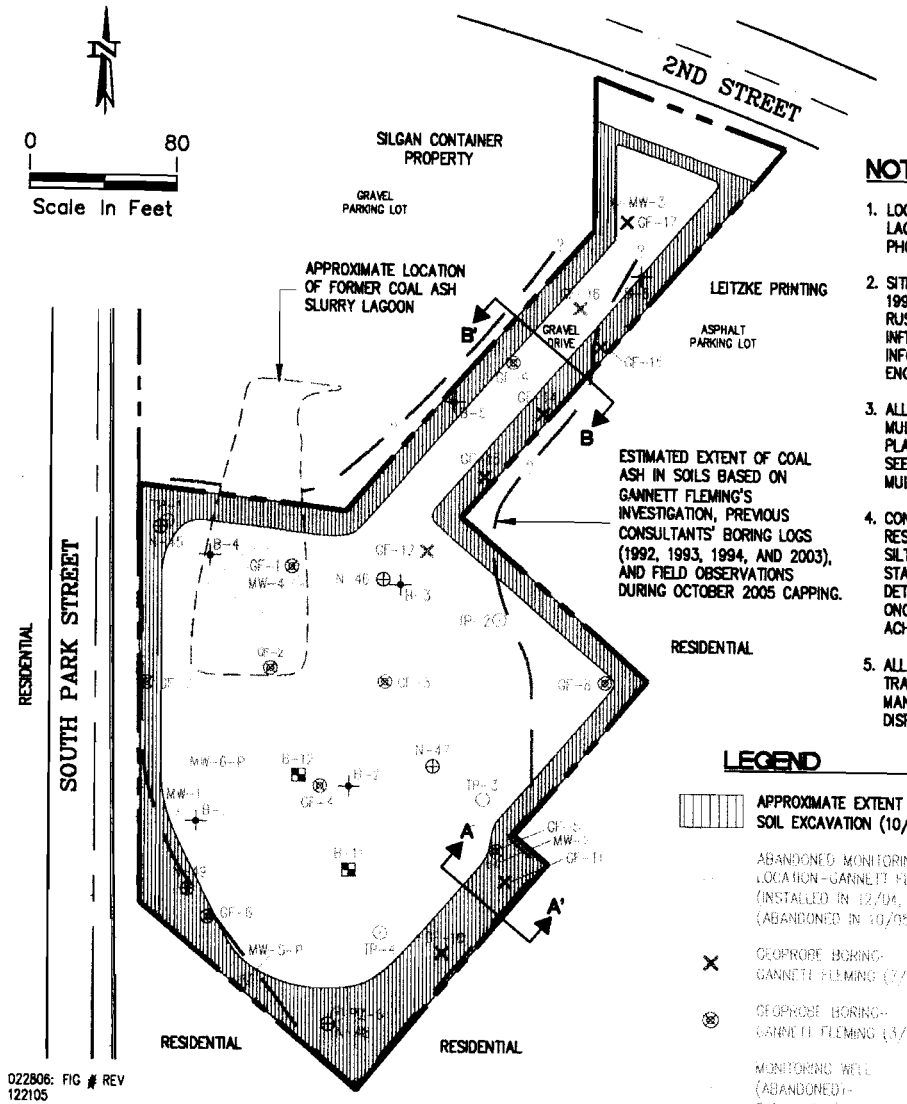
* SAMPLES FROM BORINGS GF-6, GF-10 THROUGH GF-14, GF-16, AND GF-17 ALSO CONTAINED ONE OR MORE POLYCYCLIC AROMATIC HYDROCARBONS ABOVE THE WDNR SUGGESTED RCLs FOR DIRECT CONTACT AT NON-INDUSTRIAL SITES.

PRE-REMEDIAL UNSATURATED SOIL SAMPLES EXCEEDING A NR 720 RCL

132 SOUTH PARK STREET
OCONOMOWOC, WISCONSIN

Gannett Fleming

EXHIBIT B

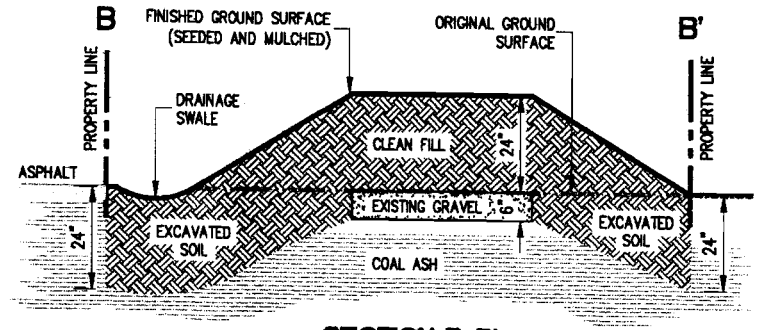


NOTES

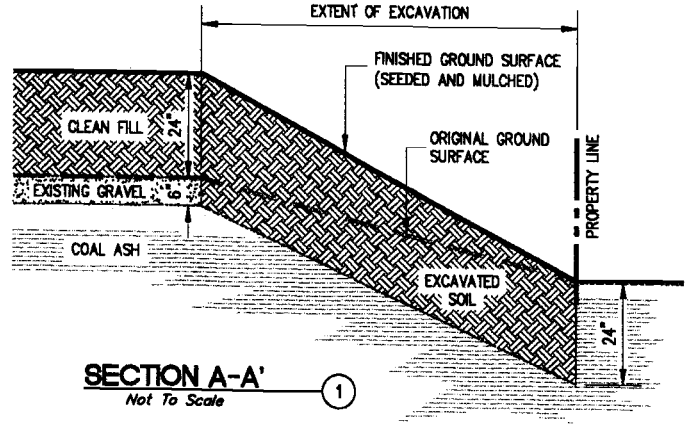
1. LOCATION OF COAL ASH SLURRY LAGOON IS BASED ON AERIAL PHOTOS FROM 1963 AND 1969.
2. SITE PLAN BASED ON OCTOBER 1993 FIGURE 3-1 PREPARED BY RUST ENVIRONMENTAL & INFRASTRUCTURE, AND SURVEY INFORMATION PROVIDED BY RSV ENGINEERING.
3. ALL AREAS WERE SEEDED AND MULCHED WITHIN 7 DAYS AFTER PLACEMENT OF TOPSOIL. SITE SEEDED ON NOVEMBER 5 AND MULCHED ON NOVEMBER 11, 2005.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE SILT FENCE AFTER THE SITE IS STABLIZED. THE SITE SHALL BE DETERMINED TO BE STABILIZED ONCE THE SEEDED AREAS ACHIEVE 70% VEGETATIVE COVER.
5. ALL EXCAVATED SOILS TRANSPORTED TO WASTE MANAGEMENT LANDFILL FOR DISPOSAL.

LEGEND

- APPROXIMATE EXTENT OF SOIL EXCAVATION (10/05)
- ABANDONED MONITORING WELL LOCATION-GANNETT FLEMING (INSTALLED IN 12/04, (ABANDONED IN 10/05)
- GEOPROBE BORING-GANNETT FLEMING (7/04)
- GEOPROBE BORING-GANNETT FLEMING (3/04)
- MONITORING WELL (ABANDONED)-PARK (1994)
- BOREHOLE-RUST (6/1993)
- BOREHOLE-DRNORGE (12/1992)
- PIEZOMETER (ABANDONED)-RUST (6/1993)
- BOREHOLE-MES (4/2003)
- TEST PIT-MES (4/2003)
- PROPERTY LINE



SECTION B-B'
Not To Scale
1



SECTION A-A'
Not To Scale
1

POST-REMEDIAL SITE MAP SHOWING CAPPED AREA

132 SOUTH PARK STREET
OCONOMOWOC, WISCONSIN

022806: FIG # REV
122105
43089WX

SOIL COVER CAP MAINTENANCE PLAN

Date: March 2006
Property located at: 132 South Park Street, Oconomowoc
FID#: 268005870
WDNR BRRTS#: 02-68-483422
Parcel Identifications Number: OCOC 0560.358

Introduction

This document is the Maintenance Plan for a soil cover cap at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing soil cover cap over the residual contaminated subsurface soil on site. The contaminated soil is impacted by lead. The location of the soil cover cap to be maintained in accordance with this Maintenance Plan is shown on the attached map (Exhibit A).

Soil Cover Cap

The soil cover cap serves as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

Annual Inspection

The soil cover cap overlying the subject property and as depicted in Exhibit A will be inspected once a year, normally in the spring after all snow and ice are gone, for erosion, settling, vegetative damage, and other potential problems that can cause exposure to underlying soils. Any area of erosion, settling, or vegetative damage will be documented. A log of the inspections and all repairs will be maintained by the property owner and is included as Exhibit B, Annual Inspection Log. The inspection logs will be kept by the property owner and will be available to the Wisconsin Department of Natural Resources (WDNR).

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct-contact exposure hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored, and disposed of by the owner in accordance with applicable local, state, and federal law.

In the event the soil cover cap were removed or replaced, the replacement cap/barrier must provide at least equal direct-contact protection to the underlying contaminated soil. Any

replacement cap/barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan, unless indicated otherwise by the WDNR or its successor.

The property owner will maintain a copy of this Maintenance Plan and make it available to all interested parties (i.e., on-site employees, contractors, future property owners, etc.) for viewing.

Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of the WDNR.

Contact Information:
March 2006

Site Owner and Operator: Mr. Jeffrey D. Mueller
N9424 East Shore Road, Mukwonago, WI 53149
Mr. Ryan Gile
W289 N3468, Lost Creek Court, Pewaukee, WI 53072

Prepared by: Gannett Fleming, Inc.
8025 Excelsior Drive, Madison, WI 53717
(608) 836-1500

WDNR: Brenda H. Boyce, P.G.
Wisconsin Department of Natural Resources
141 NW Barstow, Room 180, Waukesha, WI 53188
(262) 574-2100