			SCANNED	VS	
			Jermonte 2	DELIVERED OCI	0 5 2007
	GIS REGISTR	Y INFORMATION	End		• /4-,
· · · · · · · · · · · · · · · · · · ·	HENTRON	COATINIC	C INI	SEP 0 8 2006	
SITE NAME:	HENILEN	WATTING	S AND	1 - 200	1
BRRTS #:	02-411200	FID # (if app	propriate): 3419	17590	
COMMERCE # (if appropriate):	Dalialossi			D lata	
CLOSURE DATE:	08/10/2001	+	e e	91506	
STREET ADDRESS:	6937 West	F-IVVIII-R	bad	- 1 - F	· ·
CITY:	Milwaulre	101	1	*	
SOURCE PROPERTY GPS COOR WTM91 projection):	DINATES (meters in	x= 682	8021 Y= 2	97500	
CONTAMINATED MEDIA:	Groundwater	5	Soil 5	Both	\mathbf{X}
OFF-SOURCE GW CONTAMINAT	ION >ES:	Yes	No		
IF YES, STREET ADDRESS 1:	70	IL WI	Mill Ra.		
GPS COORDINATES (meters in W	TM91 projection):	x= 682	772 Y= 2	97500	
OFF-SOURCE SOIL CONTAMINA Specific RCL (SSRCL):	TION >Generic or Site-	Yes	No	Statolia la	
IF YES, STREET ADDRESS 1:		- al al 22 de la factor		50 10/18/0	6
GPS COORDINATES (meters in W	TM91 projection):	X=	Y=		
CONTAMINATION IN RIGHT OF W	/AY:	Yes	No		`
DOCUMENTS NEEDED:		1 17	>		
Closure Letter, and any conditional cl	losure letter or denial letter	issued Need P	roper Closure 1	tr tor	X
Copy of most recent deed, including I	egal description, for all affe	ected properties £	RP site . Sent	email	\leq
Certified survey map or relevant porti	on of the recorded plat map	p (if referenced in the perties	legal description) for all affe	ected properties	X
Location Map which outlines all properties parcels to be located easily (8.5x14" if paper potable wells within 1200' of the site.	within contaminated site bounda copy). If groundwater standards	aries on USGS topograp are exceeded, the map	to Din-lot, hic map or plat map in sufficien must also include the location	of all municipal and	X
Detailed Site Map(s) for all affected pr and potable wells. (8.5x14", if paper copy) T relation to the source property and in relation ch. NR 720 generic or SSRCLs.	operties, showing buildings, ro his map shall also show the loca to the boundaries of groundwate	eads, property boundarie tion of all contaminated or contamination exceed	es, contaminant sources, utility public streets, highway and rai ing ch. NR 140 ESs and soil co	lines, monitoring wells Iroad rights-of-way in ontamination exceeding	X
Tables of Latest Groundwater Analytic	cal Results (no shading or	cross-hatching) 4	S.L DELIVER	ED OCT 12 2007	Y
Tables of Latest Soil Analytical Result	ts (no shading or cross-hat	ching)	201)		×
extent of groundwater contamination defined.	If not available, include the lat	5x14" if paper copy). 1 est extent of contamin	he isoconcentration map shoul ant plume map.	d have flow direction and	×
GW: Table of water level elevations, v GW: Latest groundwater flow direction greater than 20 degrees)	vith sampling dates, and fre on/monitoring well location	ee product noted if p map (should be 2 m	present haps if maximum variation	in flow direction is	X
SOIL: Latest horizontal extent of con	tamination exceeding gene	eric or SSRCLs, with	one contour 521	ECKED FEB 19	2003
Geologic cross-sections, if required for	or SI. (8.5x14' if paper copy)		22 CH	IECKED FER 1 0	
RP certified statement that legal descr	riptions are complete and a	ccurate	252		4000
Letter informing ROW owner of residu	a (in applicable)	able)(public highway	or railroad ROWN 721	CHECKED FFR	0, 1000
Copy of (soil or land use) deed restrict	tion(s) or deed notice if an	required as a cond	lition of closure		× 1008
Copy of any maintenance plan referen	ced in the deed restriction.		R	CHECKED FEB	9 2008
			~\		

Activity	Detail	Report
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	·····								
BRRTS Number: 02-41-120032	Type: ERP		Start Date: 03/21/1997	End Date: 03/01/2004					
FID: 241017590	EPA ID: WID023394158		DCOM Number:						
Activity Name: HENTZEN COATI	NGS INC HYDRAULIC OIL		Transferred to: DCOM	1 DATCP Solid Waste					
Location Name: HENTZEN COATI	NGS INC								
Address: 6937 W MILL RD			Plot Size (Acres): None	Found					
Addn'l Address:			Priority: High						
Municipality: MILWAUKEE			EPA Cerclis Number:						
Region: Southeast Region	County: Milwaukee	\$ I	Project Manager: BINYOTI AMUNGWAFOR						
Legal Desc: NE 1/4 of NW 1/4	4 of Section 27, Township 8N Range 2	21E	LUST Trust: N/A						
Latitude: None Found		Longitud	t ude: None Found						
Comment:									
	Ir	ndicators							
PECFA Eligible PECFA	80k Failure Co-	-Contamination	General Property Code	es ERP Superfund					
PECFA 80k AST	DCOM Tracked Dry	ycleaner	VPLE EPA NPL						
		Actions							

		Actions	
Action Date	Code	Action Name / Comment	Audit
03/21/1997	1	Notification	Added 04/10/1997 by FARLEM
04/10/1997	2	RP Letter Sent	Added 02/23/2004 by HNATJ
07/07/1997	205	Site Investigation Start - State Lead	Added 01/28/1998 by S71584
04/02/1999	79	Closure Review Request Received with Fee GK.7-6-99	Added 04/15/1999 by CHUNGP
07/21/1999	84	Conditional Closure GK.PUT 11 AFTER RECV'D FORMS	Added 08/03/1999 by JEFFET
07/21/1999	50	Groundwater Use Restriction Closure GK.NEED GW USE RESTR, ABAND FORMS	Added 08/03/1999 by JEFFET
02/07/2000	43	Status Report Received REC'D FINAL GW USE RESTRICTION, NEED WELL ABAND FORMS	Added 02/15/2000 by BROWNBJ
02/07/2000	95	Deed Instrument Condition(s) Met	Added 03/02/2004 by HNATJ
07/26/2002	99	Miscellaneous BA. REC'D DEED RESTRICTION	Added 07/30/2002 by STOVAV
03/02/2004	11	Activity Closed	Added 03/02/2004 by HNATJ

Impacts

Soil Contamination

Added 04/10/1997 by FARLEM

Activity Detail Report

		····	Impacts
Groundwater Contamination			Added 04/15/1999 by CHUNGP
above es			
			Risk
High	Assigned:	12/01/1999	Added 12/22/1999 by S71584
			Substances
Category: Other			
Other			Added 04/10/1997 by FARLEM
hydraulic lift system o	il		
			Who
Project Manager is BINYOTI AMU	NGWAFOR		
			Phone: (414) 263-8607
Address: 2300 N MARTIN LUTHER	KING JK DR		Fax: (414) 263-8716 E-Mail: binvoti amungwafor@wisconsin.gov
MILWAUKEE	WI	53212	
Responsible Party is HENTZEN CO Title: Address: 6937 W MILL RD	ATINGS/MIL	L RD CO LLO	C Phone: (414) 353-4200 Fax: () - E-Mail:
MILWAUKEE	WI	53218	
RP Contact/Agent is HERBERT HE	NTZEN		
Address: 6937 W MILL RD			Fax: (414) 353-4200
			E-Mail:
MILWAUKEE	WI	53218	
Associated with:			
HENTZEN COATINGS/MILL F 6937 W MILL RD	RD CO LLC		Phone: (414) 353-4200 Fax: () -
MILWAUKEE , WI 53218-			
MILL ROAD COMPANY LLC 6937 W MILL RD			Phone: (414) 353-4200 Fax: () -
MILWAUKEE / WI 53218-			

REEL 46831MAG 158

EXHIBIT 2

JUL 30 '99 11:06AM HENTZEN COATINGS



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor George E. Meyer, Secretary Gloria L. McCutcheon, Regional Director Southeast Region Milwaukee Service Center 2300 N. Dr. ML King Drive, PO Box 12436 Milwaukee, Wisconsin 53212-0436 Telephone 414-263-8500 FAX 414-263-8716 TDD 414-263-8713

P.2/2

July 21, 1999

Mr. Herb Hentzen Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, Wisconsin 53218

SUBJECT:

Γ: Request for closure of two hydraulic lift systems, Hentzen Coatings, Inc., 6937 West Mill Road, Milwaukee, Wisconsin. BRR-ERP FID#241017590.

Dear Mr. Hentzen:

At the request of your environmental consultant, Geo Management Consultants, Inc., (GMC), we have reviewed the above referenced case file under the Com 46 special nile for closure. Based on the information presented, this case meets the closure criteria put forth in Com 46; therefore, we require no further action in connection with two former hydraulic lifts and conditionally close this case. As always, we reserve the right to reopen this case should evidence be found showing that there is a threat to human welfare, health or the environment.

To complete the closure of this site, you must place a groundwater use restriction on the property deed at the county register of deeds office which specifies the legal description of the property, the location, type and concentration of the contaminants and includes the following language:

"Natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundarles of this property. construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by chs. NR 811 and 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply. Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater to determine what specific requirements are applicable prior to constructing or reconstructing a well on this property."

Within sixty days, all of the groundwater monitoring wells at the site must be abandoned in accordance with ch. NR 141 and the completed abandonment forms must be submitted to the department, along with the soll boring logs for the monitoring wells. Once the department receives the abandonment forms and documentation that the groundwater use restriction has been placed on the deed, this case will be tracked as closed on the department's tracking system. If you have any questions regarding this letter, you may contact me at the above address or at (414) 263-8689.

Sincerely Gina Keenan

Hydrogeologist

c: GMC SER case file

> Quality Natural Resources Management Through Excellent Customer Service





REEL 56 INAG 50

LIEBERMAN

Sheet 2 of 3

CERTIFIED SURVEY MAP NO...

of part of the Northwest 1/4 of Section 27, Township 8 North, Range 21 East, in the City of Milwaukee, Milwaukee County, Wisconsin.

SURVEYOR'S CERTIFICATE

I, Clarence H. Piepenburg, Registered Land Surveyor, hereby certify: That I have surveyed, divided and mapped that part of the Northwest 1/4 of Section 27, Township 8 North, Range 21 East, in the City of Milwaukee, Milwaukee County, Wisconsin, bounded and described as follows:

Commencing at the northwest corner of said 1/4 Section; thence N.89° 45'E. along the north line of said 1/4 Section 1405.36 feet to a point; thence S.0° 04'E. on a line 55.00 feet to a point in the south line of W. Mill Road, said point being the point of beginning of the land to be described; thence continuing S.0° 04'E. on a line 807.80 feet to a point; thence N.89° 45'E. on a line parallel to the north line of said 1/4 Section 252.96 feet to a point; thence N.0° 08' 11"W. on a line 807.80 feet to a point in the south line of said W. Mill Road; thence S.89° 45'W. along the south line of said W. Mill Road, being parallel to and 55.00 feet distant from the north line of said 1/4 Section, 251.98 feet to the point of beginning, containing 4.681 acres of land.

That I have made such survey, land division and map by the direction

of Walter H. Sehmer, Jr. and Winifred Joyce Sehmer, owners of said land. That such map is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof made NSS of the That I have fully complied with the provisions of Chapter 236 of the Wisconsin Statutes and Chapter 9 of the Milwaukee Corle Argunt Har, dividing and mapping the same. 太 S-1.39

Dated this 28th. day of February, 1983.

MILWAUKEE, 123 WIS. Clarence H. Placenpute Registered Land, hunver

S-139 THIS IS AN ORIGINAL PRINT ONLY

IF SEAL IS IMPRINTED IN RED.

OWNERS' CERTIFICATE

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As owners, we hereby certify that we caused the land described on this map to be surveyed, divided and mapped as represented on this map in accordance with the requirements of Section 9-8.5 of the City of Milwaukee Code of Ordinances.

In consideration of the approval of the map by the Common Council of the City of Milwaukee and in accordance with Chapter 9 of the Milwaukee Code of Ordinances the undersigned agrees:

That all utility lines to provide electric power and telephone service to all lots in the certified survey map shall be installed underground in easements provided therefor, where feasible.

WITNESS the hand and seal of said owners this 300 day of MARCH 1983.

In the presence of:

witness

witness

- Walter H. Schmer, Jr. Winifud, Mice Schmer (seal) Winifred Jøyce Schmer

STATE OF WISCONSIN) MILWAUKEE COUNTY CSM 83-072

CSM 83-072 Personally came before we this *Harch*, 1983, the above named Walter H. Sehmer, Jr. and Winifred Joyce Sehmer, owners to me known to be the persons

reel |5|61mag | |5|

LIEBERMAN

Sheet 3 of 3 CERTIFIED SURVEY MAP NO.. of part of the Northwest 1/4 of Section 27, Township 8 North, Range 21 East, in the City of Milwaukee, Milwaukee County, Wisconsin. who executed the foregoing instrument and acknowledged the same. Ted A. Perszyk, Notary My Commission Expires VINNE 6 1986 CERTIFICATE OF CITY TREASURER I, Wayne F. Whittow, being the duly elected, qualified and acting City Treasurer of the City of Milwaukee, do hereby certify that in accordance with the records in the Office of the City Treasurer of the City of Milwaukee there are no delinquent taxes and that the method of payment of any special assessments relating to the land included in this certified survey map has been agreed upon between the owners and the City of Milwaukee. Wayne 7 Whittow. Date: Warch 16 1983 Wayne F. Whittow, City Treasurer, City of Milwaukee COMMON COUNCIL RESOLUTION Be it noted that this Certified Survey Map submitted under File No. 82-1161, being part of the Northwest 1/4 of Section 27, Township 8 North, Range 21 East, in the City of Milwaukee, Milwaukee County, Wisconsin, having been approved by the Dept. of City Development be and the same is hereby approved by the Common Council of the City of Milwaukee. I hereby certify that the foregoing Certified Survey Map was approved Common Council Resolution on MAR 2 9 1983 by Common Council Resolution on _ Calhoun, Jr., City Clerk Allen R CLARENCE H PIEPENBURG Henry Maier Mavor S-139 CIGINAL 5605879 **REGISTER'S OFFICE** Milwaukee County, Wis. | 55 RY PUS CHIS IS AN ORIGINAL PRINT ONLY RECORDED AT-2 55 PMM IF SEAL IS IMPRINTED IN RED IARS 1 1983 TED A, IMAGE PERSZYK Wind any f 5605879 REGISTER DE DEFOS DOC # PECORD 8.00 D CASH D 8.00 #13094 COO1 RO1 T15:00 WISC MAR 31 13 This instrument was drafted by Clarence H. Piepenburg. CSM 83-072

<u>ج</u> د	2	DOCUMENT NO PET 828KAS 190	STATE PAR OF WISCONSIN - FORM 1 MARTIN
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ې د	<u>×</u> .	This Deed. mult be ween Leo S. Musickant and Rag. Musickant, his wife	Milwaukee County, Wis, W
	ž.	, Grantor	cn in
r :	oti ¹	nd Leo Lieberman	$\frac{D_{\rm C} C 2/19/4}{S_{\rm 2} g_{\rm image}} / 90$
<u>, ;</u>	ب بریم	Wirnesser, That the said Gratter for a valuable consideration	Whether Barryak
17.60		previously paid by grantee	REGISTER OF DEEDS
		ilate of Wisconsin:	Alan Shafrin 744 N Ath Street
3	ן הי	That part of the North West One-quarter (1/4) of Section Twenty-seven (27), in Township	Milwaukee, WI 53 203
n	÷ E	Sight (8) North, Range Twenty-one (21) East,	Tax Key # 154-9993
	5	ribed as follows: Beginning at a point in the	TO ALLEY OF THE OPEN
5	υ E - γ	lorth line of Section 27-8-21 North 89° 49' Last 1657.27 feet from the North West corner	\$ <u>6</u> 1
Z	Ę	f said Section 27; thence Lorth 39° 45' Zast	FEE
-17-	-27	7 to a point; thence South 0° 12' 36" East	
DEC DEC	300	152.80 feet to a point; thence South 89° 45'West 152.96 feet to a point; thence North 3° 00' 24"	
	٧	est 862.80 feet to the place of beginning.	
	י ר	This deed is granted pursuant to a land contract	executed by the parties
	1	972, document number 4689756, Reel G64, Image 70	
		logether with all and singular the hereditaneous and appretenances thereunto belong	sing or in any wise appertaining:
	,	variants that the title is go. d, indefeasible in fee simple and free and clear of or cumbrance.	except none
		al vill average of default the trans	Peron ler
		IN WALLEN, AND RELEASE THE ACHC.	
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		Frecuted at Milpaukees Wisconsin this 24 day of	Nevember 19.74
		Frecuted at Milpaukees Wisconsin this 2 4 day of	-HEVEMBER 19.74
		Frecuted at Milpaukee, Wisconsin this 24 day of source and statistic in Promesce of 2000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Nevember 19.74
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LIE BERMAN





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Table 1. South Hydraulic Lift Soil Sample Field Screening and Analytical Results⁽¹⁾, Hentzen Coatings, Inc., 6937 West Mill Road, Milw., WI. 53218.

Sample I.D.	SHDL-1	HDL-1/Base	HDL-1/East	HDL-1/West	
Sample Depth (ft.)	7	9.5	8	8	
Headspace (i.u.) ⁽²⁾	475	2	0	0	
Soil Description	sand	clay	clay	clay	RCL
DRO ⁽³⁾	5,800	8	11	1.9J	NS
PVOCs ⁽⁴⁾					х.
Benzene	ND	ND	ND	ND	0.0055
Ethylbenzene	4.1	1.5	ND	ND	2.9
Methyl tert Butyl Ether	ND	0.020J	ND	0.045J	NS
1,2,4-Trimethylbenzene	1.4	0.044J	ND	ND	NS
1,3,5-Trimethylbenzene	0.87	0.022J	ND	0.017J	NS
m- & p-Xylenes	9.5	2.3	ND	0.040J	4.1 total
o-Xylene	0.46	0.54	ND	ND	4.1 total
Toluene	0.36	0.25	ND .	0.026J	1.5

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 $^{(1)}$ = Results reported as milligrams per kilogram (mg/kg) on a dry weight basis.

 $^{(2)}$ = Instrument units by an Organic Vapor Monitor (OVM).

 $^{(3)}$ = Diesel Range Organics.

⁽⁴⁾ = Petroleum Volatile Organic Compounds.

RCL = Residual Contaminant Level listed in NR720.09(4), WAC.

NS = No standard promulgated.

ND = Compound not detected.

J = Estimated concentration. Compound detected below the Limit of Quantitation.

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Table 2. North Hydraulic Lift Closure Sample Field Screening and AnalyticalResults⁽¹⁾, Hentzen Coatings, Inc., 6937 West Mill Road, Milw., WI. 53218.

Sample I.D.	NHDL Tank	NHDL Lift	
Sample Depth (ft.)	6	10.5	
Headspace $(i.u.)^{(2)}$	0	800	
Soil Description	sand	clay	RCL
DRO ⁽³⁾	6.2	3,500	NS
		• · · · · ·	
PVOCs ⁽⁴⁾			
Benzene	ND	0.51	0.0055
Ethylbenzene	ND	1.7	2.9
Methyl tert Butyl Ether	ND	ND	NS
1,2,4-Trimethylbenzene	ND	1.2J	NS
1,3,5-Trimethylbenzene	ND	1.2	NS
m- & p-Xylenes	ND	8.2	4.1 total
o-Xylene	ND	3.8	4.1 total
Toluene	ND	2.1J	1.5

 $^{(1)}$ = Results reported as milligrams per kilogram (mg/kg) on a dry weight basis.

⁽²⁾ = Instrument units by an Organic Vapor Monitor (OVM).

 $^{(3)}$ = Diesel Range Organics.

⁽⁴⁾ = Petroleum Volatile Organic Compounds.

RCL = Residual Contaminant Level listed in NR720.09(4), WAC.

NS = No standard promulgated.

ND = Compound not detected.

J = Estimated concentration. Compound detected below the Limit of Quantitation.

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Table 3.	North Hydraulic Lift Soil Investigation Field Screening and	Analytical Results ⁽¹⁾	, Hentzen Coatings,	Inc.,
	6937 West Mill Road, Milwaukee, Wisconsin 53218.			

p.	1	of	2	
	-	•••	_	

Boring I.D.	E	3-1	E	8-2	E	3-3	B-	4	B-		
Sample I.D.	B-1 13'	B-1 19'	B-2 14'	B-2 19'	B-3 9'	B-3 14'	B-4 5'	B-4 9'	B-6 3'	B-6 11'	
Sample Depth (ft.)	13	19	14	19	9	14	5	9	3	11	RCL
Headspace (i.u.) ⁽²⁾	bkgd ⁽³⁾	bkgd	485	77	630	3.5	119	bkgd	1.5	bkgd	
Soil Description	clay	clay '	sand	clay	clay	sand/clay	sand/clay	sand	sand/clay	clay	
DRO ⁽⁴⁾	ND ·	7.71	30,600	7.91	126	ND	68.4	ND	ND	ND	NS
PVOCs ⁽⁵⁾											
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0055
Ethylbenzene	ND	0.032MB	5.723	0.035MB	23.869	0.031MB	0.053	ND	ND	ND	2.9
Methyl tert Butyl Ether	ND	ND	ND	ND	ND	0.094 ⁽⁶⁾	0.084 ⁽⁶⁾	ND	ND	0.073 ⁽⁶⁾	NS
1,2,4-Trimethylbenzene	ND	ND	16.740	0.043	16.807	ND	ND	ND	ND	ND	NS
1,3,5-Trimethylbenzene	ND	ND	5.574	ND	4.918	ND	ND	ND	ND	ND	NS
m- & p-Xylenes	0.052	ND	16.740	0.042	136.645	0.048	0.181	ND	ND	ND	4.1 total
o-Xylene & Styrene	ND	ND	3.042	ND	32.646	ND	0.055	ND	ND	ND	4.1 total
Toluene	0.057	0.061	0.509	ND	6.227	ND	ND	ND	ND	ND	1.5

⁽¹⁾ = Results reported as milligrams per kilogram (mg/kg) on a dry weight basis.

⁽²⁾ = Instrument units by an Organic Vapor Monitor (OVM).

⁽³⁾ = Background.

⁽⁴⁾ = Diesel Range Organics.

⁽⁵⁾ = Petroleum Volatile Organic Compounds.

⁽⁶⁾ = Concentration reported by laboratory suspected as resulting from methanol contamination.

⁽⁷⁾ = Concentration reported by laboratory as resulting from methanol contamination. See Laboratory "Notice", Appendix G.

Note: Soil Boring B-5 not sampled due to drill probe refusal at 4.1 feet. Soil Boring B-6 completed approximately 3 feet from B-5.

hentzen\hydlift\table3.xls

RCL = Residual Contaminant Level listed in NR720.09(4), WAC.

ND = Compound not detected.

NS = No standard promulgated.

MB = Compound detected by laboratory in the Method Blank.

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Table 3 (cont.).	North Hydraulic Lift Soil Investigation Field Screening and Analytical Results ⁽¹), Hentzen	Coatings,	Inc.,
	6937 West Mill Road, Milwaukee, Wisconsin 53218.			

		p		2	of	2	
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Boring I.D.	E	8-7	E	3-8	В	-9	B	-10	
Sample I.D.	B-7 8-10'	B-7 14-16'	B-8 8-10'	B-8 14-16'	B-9 8-10'	B-9 14-16'	B-10 8-10'	B-10 14-16'	
Sample Depth (ft.)	8-10	14-16	8-10	14-16	8-10	14-16	· 8-10	14-16	RCL
Headspace (i.u.) ⁽²⁾	372	32	22	bkgd ⁽³⁾	bkgd	bkgd	bkgd	bkgd	
Soil Description	clay	clay	silt/clay	clay	clay	clay	clay	clay	
DRO ⁽⁴⁾	114	ND	11.2	8.15	. ND	ND	ND	ND	NS
PVOCs ⁽⁵⁾									
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	0.0055
Ethylbenzene	1.255	ND	ND	ND	ND	ND	ND	ND	2.9
Methyl tert Butyl Ether	ND	ND	0.1 ⁽⁷⁾	0.076 ⁽⁷⁾	ND	0.123 ⁽⁷⁾	0.112 ⁽⁷⁾	0.128 ⁽⁷⁾	NS
1,2,4-Trimethylbenzene	1.986	ND	ND	ND	ND	ND	ND	ND	NS
1,3,5-Trimethylbenzene	0.744	ND	ND	ND	ND	ND	ND	ND ·	NS
m- & p-Xylenes	4.192	ND	ND	0.041	ND	ND	ND	ND	4.1 total
o-Xylene & Styrene	0.908	ND	ND	0.071	ND	ND	ND	ND	4.1 total
Toluene	2.667	ND	ND	ND	ND	ND	ND	NĎ	1.5

⁽¹⁾ = Results reported as milligrams per kilogram (mg/kg) on a dry weight basis.

⁽²⁾ = Instrument units by an Organic Vapor Monitor (OVM).

⁽³⁾ = Background.

 $^{(4)}$ = Diesel Range Organics.

⁽⁵⁾ = Petroleum Volatile Organic Compounds.

 $^{(6)}$ = Concentration reported by laboratory suspected as resulting from methanol contamination.

⁽⁷⁾ = Concentration reported by laboratory as resulting from methanol contamination. See Laboratory "Notice", Appendix G.

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RCL = Residual Contaminant Level listed in NR720.09(4), WAC.

ND = Compound not detected.

NS = No standard promulgated.

MB = Compound detected by laboratory in the Method Blank.

Temporary Well I.D.	B-1	B-2	B-7	B-8	B-9		
Sample I.D.	B-1	B-2	B-7	B-8	B-9	Groundwate	er Standards
Date Collected	8/17/98	8/17/98	10/21/98	10/9/98	10/21/98	NR140·ES ⁽²⁾	NR140 PAL ⁽³⁾
DRO ⁽⁴⁾	1,180	21,300	not sampled	19,700	418	NS	NS
PVOCs ⁽⁵⁾							
Benzene	1.2	ND	0.830	ND	ND	5	0.5
Ethylbenzene	25.6	283	7.17	1.59	ND	700	140
Methyl tert Butyl Ether	ND	ND	ND	ND	ND	60	12
1,2,4-Trimethylbenzene	20.2	342	4.69	5.56	ND	480 ⁽⁶⁾	96 ⁽⁶⁾
1,3,5-Trimethylbenzene	6.57	87.1	1.54	2.49	ND	480 ⁽⁶⁾	- 96 ⁽⁶⁾
m- & p-Xylenes	113	721	41.8	4.00	ND	620 ⁽⁶⁾	124 ⁽⁶⁾
o-Xylene & Styrene	6.92	181	14.4	2.31	ND	620 ⁽⁶⁾	124 ⁽⁶⁾
Toluene	28.1	ND	76.9	2.87	1.61	343	68.6

Table 4. North Hydraulic Lift Groundwater Analytical Results⁽¹⁾, Hentzen Coatings, Inc., 6937 West Mill Road,
Milwaukee, Wisconsin 53218.

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⁽¹⁾ = Results reported as micrograms per liter (ug/l).

⁽²⁾ = Groundwater Enforcement Standard NR140, WAC.

⁽³⁾ = Groundwater Preventive Action Limit NR140, WAC.

 $^{(4)}$ = Diesel Range Organics.

⁽⁵⁾ = Petroleum Volatile Organic Compounds.

 $^{(6)}$ = Standard is for Total Xylenes or Trimethylbenzenes.

NS = No standard promulgated

ND = Compound not detected.

hentzen\hydlift\t4gwsamp.xls



6937 WEST MILL ROAD MILWAUKEE, WI 53218-1225 (414) 353-4200 • FAX (414) 353-0286 coatings@hentzen.com

I, Steven A. Hentzen, Vice-President of Corporate Operations at Hentzen Coatings, Inc., believe and to the best of my knowledge, the attached legal description to be complete and accurate.

Steven A. Hentzen

Vice-President of Corporate Operations

August 30, 2002



REEL 4683 IMAG 153

Document Number

D,

DEED RESTRICTION

Parcel I: That part of the North West One-quarter (1/4) of Section Twenty-seven (27), in Township Eight (8) North, Range Twenty, one (21) East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows: Commencing at the North West corner of said 1/4 Section; thence North 89°45' East along the North line of said 1/4 Section 1909.18 feet to a point; thence South 0°12'36" East on a line 55.00 feet to a point in the South line of W. Mill road, said point being the point of beginning of the land to be described; thence continuing South 0°12'36" East on a line 807.80 feet to a point; thence North 89°45' east on a line parallel to the North line of said 1/4 Section 252.96 feet to a point; thence North 0°16'48" West on a line 348.73 feet to a point; thence South 89°43' West on a line 36.15 feet to a point; thence North 0°17' West on a line 50.17 feet to a point; thence North 89°43' East on a line 5.02 feet to a point; thence North 0°17' West on a line 27.50 feet to a point; thence South 89°43' West on a line 5.02 feet to a point; thence North 0°17' West on a line 381.42 feet to a point in the South line of said W. Mill Road; thence South 89°45' West along the South line of said W. Mill Road, being parallel to and 55 feet distant from the North line of said 1/4 Section, 215.79 feet to the point of beginning. And, Parcel II: That part of the North West One-quarter (1/4) of Section Twenty-seven (27), in Township eight (8) North, Range Twenty-one (21) East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows: Commencing at the North West corner of said ¼ Section; thence North 89°45' East along the North line of said 1/4 Section 2161.09 feet to a point; thence South 0°16'48" East on a line 55.00 feet to a point in the South line of W. Mill Road, said point being the point of beginning of the land to be described; thence continuing South 0°16'48" East on a line 167.98 feet to a point; thence North 89°43' East on a line 172.19 feet to a point; thence North 0°21' West on a line 167.88 feet to a point in the South Line of said W. Mill Road; thence South 89°45' West along the South line of said W. Mill Road, being parallel to and 55.00 feet distant from the North line of said 1/4 Section 171.97 feet to the point of beginning.

7830930

REGISTER'S OFFICE | SS Milwaukee County, WI RECORDED AT 8:09 AM 11-03-1999 REEL <u>4683</u> IMAGE 153+0158 WALTER R. BARCZAK incl. REGISTER OF DEEDS

AMOUNT 20.00

Recording Area

Name and Return Address

Mr. Albert Hentzen Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, WI53218

154-9994-110 and 154-9995-210

Parcel Identification Number

REEL 4683 IMAG 154

DECLARATION OF RESTRICTIONS

Parcel Identification Numbers: 154-9994-110 154-9995-210

STATE OF WISCONSIN) : SS COUNTY OF MILWAUKEE)

RECITALS

1. Mill Road Company, a Wisconsin limited liability company ("MRC") is the owner of the above-described property (the "Property").

2. Following the removal of a hydraulic lift system from the Property on March 4, 1998, a site assessment soil sample indicated the presence of elevated diesel range organic ("DRO") and petroleum volatile organic compound ("PVOC") concentrations in the underlying soil. The approximate extent of the observed soil impacts exceeding the NR 720.09(4) RCLs for the PVOCs ethylbenzene, total xylene and toluene is shown in Exhibit 1 attached hereto and incorporated herein. The estimated volume of the soil outlined in Exhibit 1 is 360 cubic yards. Groundwater analytical results collected from five temporary monitoring wells indicate an exceedance of the enforcement standard for total xylenes.

3. Hydrocarbon natural attenuation is on-going at the Site. Source control also exists via: the building and its 8-inch concrete floor acting as a cap preventing infiltration; removal of the lift system; removal of a portion of the impacted soil; and the existence of stiff clay native soils. MRC requested closure of the site based on remedial activities taken to date.

4. As set forth in the terms of the Wisconsin Department of Natural Resources' ("WDNR") closure letter, attached hereto and incorporation herein as Exhibit 2, it is the intention of MRC to impose a groundwater use restriction on the Property which will make it unnecessary to conduct further soil and groundwater remediation activities on the Property.

NOW THEREFORE, MRC hereby declares that the Property is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Natural attenuation has been approved by the ("WDNR") to remediate groundwater exceeding Wisconsin Administrative Code ch. NR 140 groundwater standards within the boundaries of the Property. Construction of wells where the water quality exceeds the drinking water standards in Wisconsin Administrative Code ch. NR 809 is restricted by Wisconsin

REEL 4683 Imag 155

Administrative Code chs. NR 811 and 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply. Anyone who proposes to construct or reconstruct a well on this property is required to contact the WDNR Bureau of Drinking Water and Groundwater to determine what specific requirements are applicable prior to constructing or reconstructing a well on the Property.

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

Any person who is or becomes owner of any portion of the Property may request that the WDNR 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 WDNR shall determine whether or not the restrictions contained herein can be extinguished.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 28 day of October, 1999.

Mill Road Company, a Wisconsin limited Liability company

By <u>albert 2 Newt</u> Albert L. Hentzen, US Member Varbana Kx

Barbara K. Hentzen, Its Member

REEL 4683 IMAG 156

State of Wisconsin) : SS Milwaukee County)

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AND MANAPULL

This instrument was acknowledged before me on <u>October 28</u>, 1998 9 by <u>Albert L. + Barbarn K. Henteenas</u> <u>Members</u> of <u>mill Road Compary</u>

isa M. Kempy

Notary Public, State of Wisconsin My commission <u>expires</u> is light

Deuren, Norris & Rieselbach, s.c.





GIS REGISTRY INFORMATION

			Ву			
SITE NAME:	Hentzen Coatings, Inc.		-			
BRRTS #:	02-41-120032	FID # (if approp	riate): 241017590			
COMMERCE # (if appropriate):						
CLOSURE DATE:	02-Mar-2004					
STREET ADDRESS:	6937 West Mill road					
CITY:	Milwaukee					
SOURCE PROPERTY GPS COOF WTM91 projection):	DINATES (meters in	X=	6828021 Y= 29	7500		
CONTAMINATED MEDIA:	Groundwater	Soil	X Both			
OFF-SOURCE GW CONTAMINAT	ION >ES:	Yes	No			
IF YES, STREET ADDRESS 1:		1				
GPS COORDINATES (meters in W	/TM91 projection):	X=	Y=			
OFF-SOURCE SOIL CONTAMINA Specific RCL (SSRCL):	TION >Generic or Site-	Yes	XNo			
IF YES, STREET ADDRESS 1:	1.1.2		· · · · · · · · · · · · · · · · · · ·			
GPS COORDINATES (meters in W	TM91 projection):	X=	Y=			
CONTAMINATION IN RIGHT OF V	VAY:	Yes	XNo			
Closure Letter and any conditional of	losure letter or denial lette	r issued		x		
Copy of most recent deed, including	legal description, for all af	fected properties		x		
				x		
Certified survey map or relevant port County Parcel ID number, if used for	ion of the recorded plat ma	ap (<i>if referenced in the lega</i> operties	I description) for all affected properties	X		
Location Map which outlines all propertie	s within contaminated site bound	laries on USGS topographic	map or plat map in sufficient detail to permit the	e		
parcels to be located easily (8.5x14" if paper potable wells within 1200' of the site.	copy). If groundwater standard	s are exceeded, the map mu	st also include the location of all municipal and	X		
Detailed Site Map(s) for all affected p and potable wells. (8.5x14", if paper copy) relation to the source property and in relation ch. NR 720 generic or SSRCLs.	roperties, showing buildings, i This map shall also show the loc n to the boundaries of groundwal	roads, property boundaries, c ation of all contaminated put ter contamination exceeding	contaminant sources, utility lines, monitoring we blic streets, highway and railroad rights-of-way i ch. NR 140 ESs and soil contamination exceed	alls in X ding		
Tables of Latest Groundwater Analyt	ical Results (no shading or	r cross-hatching)		N/A		
Tables of Latest Soil Analytical Resu	Its (no shading or cross-ha	atching)		х		
soconcentration 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 directing greater than 20 degrees)	ion/monitoring well location	n map (should be 2 map	s if maximum variation in flow direction	n is N/A		
SOIL: Latest horizontal extent of co	ntamination exceeding ger	neric or SSRCLs, with or	ne contour	Х		
Geologic cross-sections, if required	for SI. (8.5x14' if paper copy	y)		N/A		
RP certified statement that legal deso	criptions are complete and	accurate		X		
Copies of off-source notification lette	ers (if applicable)			N/A		
Letter informing ROW owner of resid	lual contamination (if applied	cable)(public, highway or	railroad ROW)	N/A		
Copy of deed restriction				X		
Copy of any maintenance plan refere	nced in the deed restriction	n.		N/A		



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor Scott Hassett, Secretary Gloria L. McCutcheon, Regional Director Southeast Region Headquarters 2300 N. Dr. Martin Luther King, Jr. Drive P O Box 12436 Milwaukee, Wisconsin 53212-0436 Telephone 414-263-8500 FAX 414-263-8483 TTY 414-263-8713

March 2, 2004

Mr. Steve Hentzen Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, WI 53218

Subject: Final Closure for Hydraulic Lift Systems, Hentzen Coatings, 6937 West Mill Road, Milwaukee, WI

FID: 241017590 BRRTS: 02-41-120032

Dear Mr. Hentzen:

In July 1999, your site as described above was reviewed for closure by the Department of Natural Resources ("the Department"). The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On July 21, 1999, you were notified conditional closure was granted to this case.

On February 7, 2000, the Department received correspondence indicating that you have complied with the conditions of closure. A deed restriction had been filed with the county register of deeds office describing soil and groundwater contamination remaining onsite. 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

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 the actions you have taken to investigate and remediate the contamination at this site. If you have any questions or comments, please feel free to contact me at the above address or at (414) 263-8644. Please refer to the FID number at the top of this letter in any future correspondence. Future correspondence should be sent directly to the Remediation and Redevelopment Program Assistant Vicky Stovall (414-263-8680) at the above address.

Sincerely,

John J. Hnat Hydrogeologist Remediation and Redevelopment

C: WDNR SER Files



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor Scott Hassett, Secretary Gloria L. McCutcheon, Regional Director Southeast Region Headquarters 2300 N. Dr. Martin Luther King, Jr. Drive P O Box 12436 Milwaukee, Wisconsin 53212-0436 Telephone 414-263-8500 FAX 414-263-8483 TTY 414-263-8713

March 2, 2004

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Sincerely,

John J. Hnat Hydrogeologist Remediation and Redevelopment

C: WDNR SER Files

241017600



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor Darrell Bazzell, Secretary Gloria L. McCutcheon, Regional Director Southeast Region Headquarters 2300 N. Dr. Martin Luther King, Jr. Drive PO Box 12436 Milwaukee, Wisconsin 53212-0436 Telephone 414-263-8500 FAX 414-263-8606 TTY 414-263-8713

June 24, 2002

Herbert Hentzen 6937 W Mill Rd Milwaukee, WI 53218

SUBJECT: Pending Site Closure:

Hentzen Coatings Inc Hydraulic Oil; BRRTS ID # 0241120032 6937 W Mill Rd; Milwaukee, Wisconsin

Dear Responsible Party:

According to our records the Department of Natural Resources (DNR) granted a conditional closure pending the recording of a Groundwater Use Restriction for the above referenced case on July 21, 1999. Since that time, this agency has not received proof that this restriction has been recorded. In light of administrative rule revisions that became effective November 1, 2001, you now have two options for fulfilling this obligation and obtaining final closure. One option is to record a Groundwater Use Restriction at the County Register of Deeds office for your property and for any impacted neighboring properties, if applicable. The other option now available is to have the property placed on the Geographic Information Systems Registry of Closed Remediation Sites (GIS Registry) with the State.

By utilizing the option of placing the information on the GIS Registry, you will not be required to record a Groundwater Use Restriction at the Register of Deeds office. To place the property on the GIS Registry, you will need to accomplish the steps on the attached list.

Please note that, whichever option you choose, you are still required to comply with any other conditions of closure (monitoring well abandonment forms, soil disposal documents, etc.) outlined in the conditional closure approval letter (enclosed) that was sent to you.

Within 30 days of receipt of this notice, please inform this agency which option you intend to pursue. Please be advised that your failure to respond to this letter will be viewed as an admission that you do not intend to pursue final closure of your site. In that situation, we will recommend further enforcement actions be initiated. Enforcement actions could include the recording of an affidavit at the County Register of Deeds office indicating contamination remains, while at the same time issuing an administrative order or making a direct referral to the State Attorney General's Office to recoup our costs and any associated fees that may have been due. Any referral to the State Attorney General's Office could result in forfeitures.

The Department appreciates your efforts to restore the environment at this site and encourages you to take the final steps necessary to get case closure. If you have any questions about this letter, please contact your project manager, Binyoti Amungwafor, at (414) 263-8607.

Sincerely,

Victoria Stovall Remediation & Redevelopment Program Assistant

Quality Natural Resources Management Through Excellent Customer Service



REINHART BOERNER VAN DEUREN NORRIS & RIESELBACH, S.C.

ATTORNEYS AT LAW

November 8, 1999



Gina Keenan, Hydrogeologist Wisconsin Department of Natural Resources Southeast Region Milwaukee Service Center P.O. Box 12436 Milwaukee, WI 53212-0436

F-10, 241017520 Bonts, 02-41-120032

Dear Ms. Keenan:

Re: Hentzen Coatings, Inc. **Request for Closure**

I enclose for your records documentation of the deed restriction for the Hentzen Coatings property located at 6937 West Mill Road, Milwaukee, Wisconsin.

I look forward to receiving confirmation that this case is closed, and I appreciate your assistance in this matter. Please call me at 298-8386 if you have any questions.

Yours very truly,

audyna. Sullivan

sullive 298-8386 02-41-12**0033**

MW\555426CAS:KS

Enc.

Mr. Herbert D. Hentzen cc

1000 North Water Street

P.O. Box 514000

Milwaukee, Wisconsin 53203-3400

Telephone (414) 298-1000

Facsimile (414) 298-8097

Denver, CO (303) 831-0909

Madison, WI (608) 229-2200

Milwaukee, WI (800) 553-6215



Document Number

DEED RESTRICTION

Parcel I: That part of the North West One-quarter (1/4) of Section Twenty-seven (27), in Township Eight (8) North, Range Twentyone (21) East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows: Commencing at the North West corner of said 1/4 Section; thence North 89°45' East along the North line of said 1/4 Section 1909.18 feet to a point; thence South 0°12'36" East on a line 55.00 feet to a point in the South line of W. Mill road, said point being the point of beginning of the land to be described; thence continuing South 0°12'36" East on a line 807.80 feet to a point; thence North 89°45' east on a line parallel to the North line of said 1/4 Section 252.96 feet to a point; thence North 0°16'48" West on a line 348.73 feet to a point; thence South 89°43' West on a line 36.15 feet to a point; thence North 0°17' West on a line 50.17 feet to a point; thence North 89°43' East on a line 5.02 feet to a point; thence North 0°17' West on a line 27.50 feet to a point; thence South 89°43' West on a line 5.02 feet to a point; thence North 0°17' West on a line 381.42 feet to a point in the South line of said W. Mill Road; thence South 89°45' West along the South line of said W. Mill Road, being parallel to and 55 feet distant from the North line of said 1/4 Section, 215.79 feet to the point of beginning. And, Parcel II: That part of the North West One-quarter (1/4) of Section Twenty-seven (27), in Township eight (8) North, Range Twenty-one (21) East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows: Commencing at the North West corner of said ¼ Section; thence North 89°45' East along the North line of said 1/4 Section 2161.09 feet to a point; thence South 0°16'48" East on a line 55.00 feet to a point in the South line of W. Mill Road, said point being the point of beginning of the land to be described; thence continuing South 0°16'48" East on a line 167.98 feet to a point; thence North 89°43' East on a line 172.19 feet to a point; thence North 0°21' West on a line 167.88 feet to a point in the South Line of said W. Mill Road; thence South 89°45' West along the South line of said W. Mill Road, being parallel to and 55.00 feet distant from the North line of said 1/4 Section 171.97 feet to the point of beginning.

WALTER R. BARC 11-03-1999 8:09 AM

7830930 RESTRICTIONS

0

RECORDING FEE: 20.00

TOTAL: 20.00

20.00

CHECK: 20.00

PHONE # 278-4005 022141

Recording Area

Name and Return Address

Mr. Albert Hentzen Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, WI53218

154-9994-110 and 154-9995-210

Parcel Identification Number

DECLARATION OF RESTRICTIONS

Parcel Identification Numbers: 154-9994-110 154-9995-210

STATE OF WISCONSIN) : SS COUNTY OF MILWAUKEE)

RECITALS

1. Mill Road Company, a Wisconsin limited liability company ("MRC") is the owner of the above-described property (the "Property").

2. Following the removal of a hydraulic lift system from the Property on March 4, 1998, a site assessment soil sample indicated the presence of elevated diesel range organic ("DRO") and petroleum volatile organic compound ("PVOC") concentrations in the underlying soil. The approximate extent of the observed soil impacts exceeding the NR 720.09(4) RCLs for the PVOCs ethylbenzene, total xylene and toluene is shown in Exhibit 1 attached hereto and incorporated herein. The estimated volume of the soil outlined in Exhibit 1 is 360 cubic yards. Groundwater analytical results collected from five temporary monitoring wells indicate an exceedance of the enforcement standard for total xylenes.

3. Hydrocarbon natural attenuation is on-going at the Site. Source control also exists via: the building and its 8-inch concrete floor acting as a cap preventing infiltration; removal of the lift system; removal of a portion of the impacted soil; and the existence of stiff clay native soils. MRC requested closure of the site based on remedial activities taken to date.

4. As set forth in the terms of the Wisconsin Department of Natural Resources' ("WDNR") closure letter, attached hereto and incorporation herein as Exhibit 2, it is the intention of MRC to impose a groundwater use restriction on the Property which will make it unnecessary to conduct further soil and groundwater remediation activities on the Property.

NOW THEREFORE, MRC hereby declares that the Property is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Natural attenuation has been approved by the ("WDNR") to remediate groundwater exceeding Wisconsin Administrative Code ch. NR 140 groundwater standards within the boundaries of the Property. Construction of wells where the water quality exceeds the drinking water standards in Wisconsin Administrative Code ch. NR 809 is restricted by Wisconsin
Administrative Code chs. NR 811 and 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply. Anyone who proposes to construct or reconstruct a well on this property is required to contact the WDNR Bureau of Drinking Water and Groundwater to determine what specific requirements are applicable prior to constructing or reconstructing a well on the Property.

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

Any person who is or becomes owner of any portion of the Property may request that the WDNR 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 WDNR shall determine whether or not the restrictions contained herein can be extinguished.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 28 day of October, 1999.

Mill Road Company, a Wisconsin limited Liability company

By <u>albert 2 Norta</u> Albert L. Hentzen, Its Member Darbara K.

Barbara K. Hentzen, Its Member

State of Wisconsin) : SS Milwaukee County)

This instrument was acknowledged before me on <u>Sctober 28</u>, 1998 9 by <u>Albert L. + Berbarn K. Hentzenas</u> <u>Members</u> of <u>mill Road</u> Company

[Seal]

Lisa M. Kempf _____)

Notary Public, State of Wisconsin My commission <u>express</u> 12/14/21

This document was drafted by Carolyn A. Sullivan, Reinhart, Boerner, Van Deuren, Norris & Rieselbach, s.c.



EXHIBIT 2

P.2/2

JUL 30 '99 11:06AM HENTZEN COATINGS



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor George E. Meyer, Secretary Gloria L. McCutcheon, Regional Director Southeast Region Milwaukee Service Center 2300 N. Dr. ML King Drive, PO Box 12436 Milwaukee, Wisconsin 53212-0436 Telephone 414-263-8500 FAX 414-263-8716 TDD 414-263-8713

July 21, 1999

Mr. Herb Hentzen Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, Wisconsin 53218

SUBJECT: Request for closure of two hydraulic lift systems, Hentzen Coatings, Inc., 6937 West Mill Road, Milwaukee, Wisconsin. BRR-ERP FID#241017590.

Dear Mr. Hentzen:

At the request of your environmental consultant, Geo Management Consultants, Inc., (GMC), we have reviewed the above referenced case file under the Com 46 special rule for closure. Based on the information presented, this case meets the closure criteria put forth in Com 46; therefore, we require no further action in connection with two former hydraulic lifts and conditionally close this case. As always, we reserve the right to reopen this case should evidence be found showing that there is a threat to human welfare, health or the environment.

To complete the closure of this site, you must place a groundwater use restriction on the property deed at the county register of deeds office which specifies the legal description of the property, the location, type and concentration of the contaminants and includes the following language:

"Natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property. construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by chs. NR 811 and 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply. Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater to determine what specific requirements are applicable prior to constructing or reconstructing a well on this property."

Within sixty days, all of the groundwater monitoring wells at the site must be abandoned in accordance with ch. NR 141 and the completed abandonment forms must be submitted to the department, along with the soil boring logs for the monitoring wells. Once the department receives the abandonment forms and documentation that the groundwater use restriction has been placed on the deed, this case will be tracked as closed on the department's tracking system. If you have any questions regarding this letter, you may contact me at the above address or at (414) 263-8689.

Sincerely

Óina Keenan Hydrogeologist

c: GMC SER case file





State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor George E. Meyer, Secretary Gloria L. McCutcheon, Regional Director Southeast Region Milwaukee Service Center 2300 N. Dr. ML King Drive, PO Box 12436 Milwaukee, Wisconsin 53212-0436 Telephone 414-263-8500 FAX 414-263-8716 TDD 414-263-8713

July 21, 1999

Mr. Herb Hentzen Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, Wisconsin 53218

SUBJECT:

Request for closure of two hydraulic lift systems, Hentzen Coatings, Inc., 6937 West Mill Road, Milwaukee, Wisconsin. BRR-ERP FID#241017590.

BRATS# 02-41-120032

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"Natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property. construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by chs. NR 811 and 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply. Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater to determine what specific requirements are applicable prior to constructing or reconstructing a well on this property."

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Sincerely

Gina Keenan Hydrogeologist

C:

GMC SER case file



	Letter	Of Trans	smittal	,
Type of Su	bmittal:	2		
LUST	ERP	VPLE	other	(describe):

To: Program Assistant/BRR Program Wisconsin Dept. of Natural Resources Box 12436 2300 N. Dr. Martin Luther King Jr. Dr. Milwaukee, WI 53212

Check type(s) of documents enclosed. Submittals are tracked & filed based on information you provide. Include FID & BRRTS numbers assigned to this site. Identify the intent of document(s) you are submitting in order to speed processing. Please attach required fees to this form.

FROM: Name KO nanaoe n Company GEO onsul Address F.C 0 3224 Phone Date FOR: Site Name, Address 69 WI FID# BRRTS#

NO

Are you requesting Department Review? YX

		7	DNR (office use
\checkmark	TYPE OF DOCUMENT/REPORT	FEE	CODE only)
	Notification of Release	none	01
	Tank Closure/Site Assessment where release(s) have been detected*	none	33
	Site Investigation Workplan	\$500 if review is requested	35, 135~
	Site Investigation Report	\$750 if review is requested	37,
	χ groundwater impacts above ES		137~,
11	no groundwater impacts or gw impacts below ES (if petroleum con	stituents only, case will be	76,
	transferred to Department of Commerce)		. 96
	Request to Transfer Case to Department of Commerce	none	76
_	Off-Site Determination Request	\$500 mandatory	638~
	Remedial Action Options Plan	\$750 if review is requested	39, 143~
	NR 720.19 Site Specific Clean-Up Goal Proposal	\$750 if review is requested	67, 68~ 🤸
×.	NR 718 Landspreading Request	\$500 mandatory	61~
	"Notification to Treat or Dispose" of Contaminated Soil/Water	none	99 -
	Injection/Infiltration Request	\$500 mandatory	63~
	Quarterly Report or Update	\$500 if review is requested	43, 43~
	O & M Form 4400-194	\$300 if review is requested	92, 192~
	Remedial Action Options Report	\$750 if review is requested	41, 41~
V	Closure Review Request	\$750 mandatory	79~
	NR700.11 Simple Site Closure Request	\$250 mandatory	183~
	"Draft Deed Affidavit" or "Restriction required for close-out"	none	99
	"Well Abandonment Forms"	none	99
	Remedial Design Report	\$750 if review is requested	147, 148~
	Construction Documentation Reports	\$250 if review is requested	151, 152~
	Long Term Monitoring Plan	\$300 if review is requested	24, 25~
	Voluntary Party Liability Exemption (VPLE) Application	\$250 mandatory	662
	VPLE "Phase I/II Assessments" or "Additional Reports"	computed hourly	99
	Tax Cancellation Agreement	\$500 mandatory	654
	Negotiated Agreement	\$1000 mandatory	630
	Lender Assessment	\$500 mandatory	686
	Negotiation and Cost Recovery (municipalities only)	fee for each service, mandatory	90~
	General Liability Clarification Request	\$500 mandatory	684
	Lease Letter Request - Single Property	\$500 mandatory	646
	Lease Letter Request -Multiple Properties	\$1000 mandatory	646
	Request for Other Technical Assistance	\$500 mandatory	.90~
	Other (please describe)		

* Closure reports for sites where no releases have been detected should be sent directly to "Clean Closures" c/o DNR Remediation & Redevelopment Program, P.O. Box 7921, Madison WI 53707 Remarks:

SITE INVESTIGATION REPORT and CLOSURE REQUEST

Prepared for:

Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, Wisconsin 53218

Site Investigation Report and Closure Request

Prepared for:

Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, Wisconsin 53218

by:

GEO Management Consultants, Inc. 9321 North 107th Street P.O. Box 24260 Milwaukee, Wisconsin 53224 (414) 354-7600

Robert L. Hackenberg Principal Scientist

Bill E. Davies, P.G. Principal Hydrogeologist

March 1999

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- A. April 10, 1997 WDNR Correspondence.
- B. Hydraulic Oil MSDS.
- C. Representative Driller's (Well) Log.
- D. South Hydraulic Lift Soil Analytical Results.
- E. North Hydraulic Lift Closure Soil Analytical Results.
- F. North Hydraulic Lift Boring Construction and Borehole Abandonment Logs.
- G. North Hydraulic Lift Soil Investigation Analytical Results.
- H. North Hydraulic Lift Water Sampling Logs.
- I. North Hydraulic Lift Groundwater Analytical Results.
- J. Special Waste Manifest Disposal Ticket.

SITE BACKGROUND DATA

Site Location Name: WDNR BRRTS #: WDNR Facility ID# Site Legal Description:	Hentzen Coatings, Inc. 02-41-120032 241017590 NE 1/4 of the NW 1/4 of Sec. 27, T8N, R21E
Site Address:	Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, Wisconsin 53218
County:	Milwaukee
Responsible Party: Responsible Party Address:	Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, Wisconsin 53218 Contact: Mr. Herb Hentzen (414) 353-4200
WDNR Contact Person: WDNR Address:	Ms. Sylvia Rosenbaum, BRR Program Assistant Wisconsin Department of Natural Resources P.O. Box 12436 Milwaukee, Wisconsin 53212 (414) 229-0808
Consultant Contact Person: Consultant Address:	 Mr. Robert L. Hackenberg/Mr. Bill E. Davies, P.G. GEO Management Consultants, Inc. P. O. Box 24260 9321 North 107th Street Milwaukee, Wisconsin 53224 (414)-354-7600
Hydraulic Lift System Removal Contractor:	Petroleum Equipment, Inc. 3950 West Douglas Avenue Milwaukee, Wisconsin 53209 (414) 466-3000
Project Laboratories:	MVTL Laboratories 140 East Ryan Road Oak Creek, Wisconsin 53154 Wisconsin Certification No.: 241283020
	U.S. Filter 301 West Military Road Rothschild, Wisconsin 54474 Wisconsin Certification No.: 737053130

i

REPORT DISTRIBUTION LIST

Number of CopiesRecipient1 CopyMr. Herb Hentzen
Hentzen Coatings, Inc.
6937 West Mill Road
Milwaukee, Wisconsin 532181 CopyMs. Sylvia Rosenbaum, BRR Program Assistant
Wisconsin Department of Natural Resources
P.O. Box 12436

Milwaukee, Wisconsin 53212

(414) 229-0808

ii

SITE INVESTIGATION REPORT

HENTZEN COATINGS, INC. HYDRAULIC LIFT SYSTEMS 6937 WEST MILL ROAD MILWAUKEE, WISCONSIN 53218

1.0 INTRODUCTION

Hentzen Coatings, Inc. ("HCI") operates a surface coating manufacturing facility located at 6937 West Mill Road, Milwaukee, Wisconsin 53218 (the "Site"). The Site location is shown in Figure 1. As part of its surface coating manufacturing process, HCI operates hydraulic lift systems which are located in the manufacturing area and contain approximately 40-gallons of hydraulic oil each. On December 18, 1996 and March 21, 1997, The Mill Road Company, LLC (the "Site Owner") reported low volume releases of hydraulic oil from two hydraulic lift systems operated by HCI to the Wisconsin Department of Natural Resources ("WDNR").

On April 10, 1997, the WDNR responded to the reported low volume hydraulic oil releases in correspondence addressed to Mr. Herb Hentzen, Mill Road Company, LLC. The correspondence outlined the WDNR's requirements and the Site Owner's legal responsibilities regarding the reported releases. A copy of the April 10, 1997 WDNR correspondence is provided in Appendix A. Following receipt of the WDNR correspondence, HCI selected GEO Management Consultants, Incorporated ("GEO Management") as the environmental consultant for investigation activities at the Site in accordance with the WDNR's "Step 1" instructions (see Appendix A). GEO Management then prepared an investigation work plan (dated June 26, 1997) in accordance with the WDNR's "Step 2" requirements and NR716 Wisconsin Administrative Code ("WAC") standards.

2.0 BACKGROUND

2.1 SITE DESCRIPTION

The Site is located within the NE1/4 of the NW1/4 of Section 27, T8N, R21E in Milwaukee County, Wisconsin. The Site is in an area of heavy industry and residential development and is currently used by HCI for the manufacturing, packaging, storage, and shipping of surface coatings. The two hydraulic lift systems with the reported low-volume releases of hydraulic oil (referred to as the south and north hydraulic lift systems) were located under the first floor of the facility building in the active coating manufacturing and blending areas. The former locations of the south and north hydraulic lift systems within the facility building are illustrated in Figure 2.

The hydraulic oil contained in the hydraulic lift systems at the time of the reported releases (6130 Monolec Hydraulic Oil) was reportedly supplied to HCI by Lubrication Engineers, Inc. of Fort Worth, Texas ("LEI"). The material safety data sheet ("MSDS") supplied to HCI by LEI, does not list the presence of polychlorinated biphenyls ("PCBs") as an ingredient of the oil. A copy of the MSDS for the hydraulic oil is provided in Appendix B.

The Site is located on relatively flat ground approximately 735 feet above mean sea level. Surface drainage is generally toward the southeast from the Site (Figure 1). The Site and surrounding area are serviced by the City of Milwaukee municipal water supply and sanitary sewer systems.

2.2 GEOLOGY AND HYDROGEOLOGY

The geology in the area around the Site consists of unconsolidated glacial deposits overlying Silurian-age dolomite bedrock. The surficial unconsolidated deposits consist predominantly of clays with variable sands and gravels. The thickness of these unconsolidated deposits varies between 50 - 120 feet throughout the surrounding area.

GEO Management conducted a survey of the well logs (provided by the Wisconsin Geological and Natural History Survey) for wells located within 1/4 mile surrounding the Site. The well survey did include several well logs referenced to the area of the Site which generally describe clay and till (with sand and gravel) to depths of approximately 100 - 120 feet with underlying dolomite/limestone to the maximum drilled depth of 183 feet. A representative copy of the driller's log for a well located nearest the Site is included in Appendix C.

3.0 HYDRAULIC LIFT SYSTEM REMOVALS

3.1 SOUTH HYDRAULIC LIFT REMOVAL

The location of the south hydraulic lift system within the first floor of the manufacturing area is shown on Figures 2 and 3. The south hydraulic lift system consisted of one, approximately 40-gallon hydraulic oil tank located above grade on the concrete floor of the facility and one lift cylinder with the top buried approximately 1.5 feet beneath the concrete floor to facilitate lowering of the steel lift plate to surrounding floor grade level. The base of the south hydraulic lift cylinder was located approximately seven feet below the existing concrete floor of the facility.

On February 16, 1998, GEO Management mobilized to the Site to perform environmental assessment activities associated with the removal of the south hydraulic lift cylinder. The removal/excavation of the cylinder was performed by Petroleum Equipment, Inc. ("PEI"), 3950 West Douglas Avenue, Milwaukee, Wisconsin. The removal activity included breaking of the approximately eight-inch thick concrete floor overlying the lift and excavation/stockpiling of the surrounding soils. Due to the extreme space/access limitations within the manufacturing area

surrounding the lift, the removal activity was completed by PEI with a small, tire-mounted backhoe. The upper five feet of soil encountered during the cylinder removal consisted of coarse sand backfill and gray clayey silt. Coarse sand and gravelly sand were encountered to the base of the cylinder at approximately seven feet below floor grade. In addition to the visual soil observations, the GEO Management field scientist collected duplicate soil samples from beneath the lift cylinder for field screening, with a Model 580B Thermo Environmental Instruments Organic Vapor Monitor ("OVM") equipped with a 10.6 eV lamp, and laboratory analysis. The soil samples were collected from the apparent native sand/gravelly sand with the laboratory sample (Soil Sample SHDL-1) submitted to Minnesota Valley Testing Laboratories ("MVTL") of Oak Creek, Wisconsin (WDNR Certification Number 241183020) for laboratory analysis of diesel range organics ("DRO") and petroleum volatile organic compounds ("PVOC"). PCB analysis was not requested for any of the soil samples due to the lack of PCB content reported for the hydraulic oil used by HCI at the Site (see Appendix A). Groundwater was not encountered within the eight foot excavated interval at the time of the lift cylinder removal.

Soil Sample SHDL-1, collected at a depth of seven feet from the native soil beneath the base of the lift cylinder, indicated an OVM reading of 475 instrument units ("iu"). The subsequent laboratory analysis indicated a DRO concentration of 5,800 milligrams per kilogram ("mg/kg"). In addition, six of the eight PVOC were detected in the soil sample including: toluene (at 0.36 mg/kg); ethylbenzene (at 4.1 mg/kg); m-&-p- xylenes (at 9.5 mg/kg); o-xylene (at 0.46 mg/kg); 1,3,5-trimethylbenzene (at 0.87 mg/kg) and; 1,2,4-trimethylbenzene (at 1.4 mg/kg). The field screening and laboratory analytical results for this soil sample are included in Table 1. The laboratory report for Soil Sample SHDL-1 is provided in Appendix D.

Following review of the above soil sample analytical results with HCI representatives, a recommendation for further soil excavation/removal surrounding the lift cylinder was made by GEO Management. Although access to the area of the former south hydraulic lift is limited, it was believed that additional soil removal would be beneficial in reducing the volume of impacted soil identified by Soil Sample SHDL-1. Therefore, on February 24, 1998, GEO Management and PEI mobilized to the Site to remove additional subsurface soil from the lift cylinder area. At the direction of the on-site GEO Management hydrogeologist, PEI removed additional soil from an area approximately 6 x 3 x 9.5 feet in depth surrounding the former hydraulic cylinder location. The horizontal limits of the overexcavation are shown on Figure 4.

As the overexcavation progressed several feet laterally and vertically into native, grayish-brown clay, OVM field screening of soil samples indicated a significant reduction in the level of petroleum impact. Therefore, following the overexcavation of approximately 6-7 cubic yards ("cy") of soil, three confirmation soil samples were collected for chemical analysis of DRO and PVOC by MVTL. These confirmation soil samples were collected from the base (at 9.5 feet below floor grade) and the accessible west and east walls of the overexcavation at eight feet below floor grade. The confirmation soil samples were collected from undisturbed soils using a clean, stainless steel hand auger. The analytical results for these three confirmation soil samples indicated that the levels of DRO remaining in soil ranged from a concentration of 1.9 mg/kg (estimated by the laboratory below the limit of quantitation ["LOQ"]) to a maximum of only

3

11 mg/kg. These DRO concentrations reported in the three overexcavation confirmation soil samples are well below the generic residual contaminant levels ("RCL") of 100/250 mg/kg DRO for soil listed in NR720.09(4) WAC. Furthermore, the reported PVOC concentrations were either no detect or well below the respective RCL listed in NR720.09(4) WAC. The field screening and laboratory results for the overexcavation confirmation soil samples are included, along with the applicable NR720.09(4) RCL, in Table 1. The overexcavation soil sample locations and analytical results are shown on Figure 4. The laboratory reports are provided in Appendix D.

At the time of soil overexcavation, the approximately 6-7 cy of removed soils were stockpiled at the Site on plastic sheeting and covered with plastic sheeting to await appropriate disposal approval at a WDNR permitted disposal facility. Final disposal of the stockpiled soils is discussed in Section 5.0.

3.2 NORTH HYDRAULIC LIFT REMOVAL

The location of the north hydraulic lift system within the first floor manufacturing area is shown on Figures 2 and 3. The north hydraulic lift system consisted of one, approximately 40-gallon hydraulic oil tank located beneath the concrete floor and one lift cylinder (also located beneath the concrete floor) approximately 10 feet north of the oil tank. The base of the north hydraulic oil tank was located approximately five feet below floor grade. The base of the lift cylinder was located approximately 8.5 feet below floor grade.

On March 4, 1998, GEO Management and PEI mobilized to the Site to begin environmental assessment activities associated with the removal of the north lift system. System removal activities were performed during evening hours due to the extreme space limitations around the lift and its location within the active manufacturing area. Following removal of the approximately eight-inch thick concrete floor above the hydraulic oil tank, PEI excavated surrounding soils by hand and removed the approximately 40-gallon tank. Upon removal, the tank was visually inspected and was noted to be in good condition with minor rust on the lower 2/3 and no visible holes. The copper hydraulic oil supply line, which connected to the lift cylinder, was also in good condition with no visual evidence of leakage.

The tank measured approximately three feet in length and 1.5 feet in diameter. No visual soil staining, odors, or groundwater were noted within the excavation and OVM headspace screening of the exposed soils indicated no detection of ionizable organic compounds. Soils consisted of coarse sand fill with some clayey silt. Based on the observations made during the assessment, one soil sample (NHDL Tank 6') was collected beneath the former tank at a depth of six feet below floor grade and submitted to MVTL for chemical analysis of DRO and PVOC (Figure 5). The excavation was then backfilled with the removed soils by PEI due to safety concerns.

Following removal of the north hydraulic oil tank and copper supply line, PEI began excavation of the lift cylinder using a compact tire-mounted backhoe. The lift cylinder measured approximately seven feet in length with its base located approximately 8.5 feet below floor

grade. Upon visual inspection, the lift appeared rusted near the base with several small (<1/8-inch diameter) holes and visible sign of leakage (staining) at the base. OVM headspace readings collected from soils exposed beneath the former lift ranged from 800 to >1,000 iu. Based on these observations, overexcavation of soils surrounding the lift was begun.

Due to access, surrounding space, and equipment size limitations, the maximum depth of the soil overexcavation was approximately 10.5 feet below floor grade. Laterally, the overexcavation measured approximately 4.5 x 6 feet. The approximate volume of the soils removed from the lift area was 10 cy. The lateral limits of the overexcavation completed at the area of the lift is shown on Figure 6. Soils encountered from floor grade to the maximum depth of 10.5 feet were grayish brown clayey silt and brown clay with some thin sand lenses. One soil sample (brown clay) was collected from beneath the lift at the maximum excavation depth of 10.5 feet. Soil sample NHDL Lift/10.5' (Figure 5) was submitted to MVTL for chemical analysis of DRO and PVOC. The results of Soil Samples NHDL Tank 6' (collected beneath the former hydraulic oil tank) and NHDL Lift/10.5' are listed in Table 2. The laboratory reports are provided in Appendix E.

A review of the soil analytical results for the north hydraulic lift system listed in Table 2 indicates that the soils beneath the former hydraulic oil tank (Soil Sample NHDL Tank/6') are not impacted by PVOC and that only a minor concentration of 6.2 mg/kg DRO was detected. The 6.2 mg/kg DRO reported in those soils is well below the current WDNR "Guideline Site Investigation Action Level" of 10 mg/kg. However, review of the results for Soil Sample NHDL Lift/10.5' indicates that exceedences of the NR720.09(4) RCL for DRO, benzene, toluene, and total xylene were detected beneath the former lift cylinder (see Table 2).

Because of the reported exceedences in soil remaining at the practical limit of the overexcavation beneath the former lift, GEO Management recommended the completion of a GeoprobeTM soil boring investigation to further assess the extent of the observed petroleum impact to soil and possibly groundwater beneath the floor of the manufacturing facility.

4.0 NORTH HYDRAULIC LIFT INVESTIGATION ACTIVITY

A total of ten Geoprobe[™] soil borings (Soil Borings B-1 through B-10) and five temporary groundwater quality monitoring wells (Temporary Wells B-1, B-2, B-7, B-8, and B-9) were installed in the area of the north hydraulic lift on August 4 and 7, 1998 and October 9, 1998. The locations of the soil borings are indicated on Figure 6. With the exception of Soil Borings B-3 and B-5 which encountered probe refusal at 15 and 4.1 feet respectively, each of the borings were completed to depths between 16-20 feet below floor grade. Due to the accessibility limitations within the facility, each boring was drilled using a portable Geoprobe[™] Model 4200 mounted on a small, all-terrain vehicle.

4.1 SOIL INVESTIGATION

Soil samples were collected continuously to the base of each boring using a decontaminated, two inch diameter stainless steel sampler with new acetate liners. Headspace screening was performed on each of the soil samples using an OVM equipped with a 10.6 eV lamp. Soil samples were described in the field by the GEO Management scientist supervising field activities. Boring logs (WDNR Form 4400-122) for each soil boring are provided in Appendix F. Borehole abandonment logs (WDNR Form 3300-5B) for the soil borings are also included in Appendix F.

With the exception of Soil Boring B-5 (abandoned at 4.1 foot depth due to probe refusal), two soil samples were collected for laboratory analysis of DRO and PVOC from each boring. The soil samples were selected for analysis based on the headspace screening and visual characteristics observed within each interval to help assess the vertical extent of the impact to soil. Boring locations were selected based on the limited access within the manufacturing area and to assess the horizontal extent of impact to soil. A total of eighteen soil samples were collected from the soil borings and submitted to U. S. Filter ("USF") of Rothschild, Wisconsin (WDNR Certification Number 737053130) for analysis of the above chemical compounds. A completed chain-of-custody form accompanied the samples in transit to the laboratory.

4.1.1 Soil Sampling Results

The results of the field screening are presented in Table 3 and on the individual boring logs in Appendix F. The soil sample analytical results are also presented in Table 3. The complete soil sample laboratory reports for the soil boring samples are presented in Appendix G.

With the exception of Soil Sample B-2, 14' collected from Soil Boring B-2, all DRO analytical results for the remaining 17 soil samples were reported in the range of not detected (10 of the remaining 17 soil samples) to a maximum of 126 mg/kg (Soil Sample B-3, 9'). Based on the soil type described with these low level DRO detections listed in Table 3, the reported DRO concentrations in Soil Borings B-1 (at 7.71 mg/kg - 19'), B-2 (at 7.91 mg/kg - 19'), B-3 (at 126 mg/kg - 9'), B-4 (at 68.4 mg/kg - 5'), B-7 (at 114 mg/kg - 8-10'), and B-8 (at 11.2 mg/kg - 8-10' and 8.15 mg/kg - 14-16') are below the NR720.09(4) WAC RCL of 250 mg/kg for DRO in low permeability soil types. Although the DRO concentration reported in Soil Sample B-2, 14' (at 30,600 mg/kg) is above the RCL for DRO, it appears limited to thin (approximately 0.5 foot) apparently discontinuous sand lenses identified in Soil Boring B-2 (see B-2 boring log, Appendix F) compared to the clay soil described at Soil Boring B-1. Furthermore, Soil Sample B-2, 19' (collected approximately five feet beneath Soil Sample B-2, 14') detected a DRO concentration of only 7.91 mg/kg. Therefore, DRO in excess of the NR720.09(4) WAC RCL of 250 mg/kg. appears limited near the north hydraulic lift to the areas beneath the former lift cylinder (Soil Sample NHDL Lift/10.5' - Table 2 and Figure 6) and surrounding the Soil Boring B-2 (14 foot depth) location. DRO concentrations detected within the north hydraulic lift area soil samples are illustrated in Figure 7.

PVOC concentrations were either not detected or were found to be below the NR720.09(4) WAC RCL in 15 of the 18 investigation soil samples. The three remaining soil samples which did exhibit exceedences of a listed RCL (Table 3) include: B-2, 14' with an exceedence of the ethylbenzene and total xylene RCL; B-3, 9' with an exceedence of the ethylbenzene, total xylene, and toluene RCL, and; B-7, 8-10' with an exceedence of the total xylene and toluene RCL. When these results are compared to the soil sample collected and analyzed from the deeper intervals within Soil Borings B-2, B-3, and B-7 (Table 3), it can be seen that the vertical extent of the PVOC exceedences are limited at each of the these locations.

Soil Sample B-3, 9', collected from the 9 foot depth interval of Soil Boring B-3, detected the highest concentration of ethylbenzene (at 23.869 mg/kg), total xylene (at 169.291 mg/kg), and toluene (at 6.227 mg/kg). However, the soil data for the 8-10 foot depth interval within presumed downgradient Soil Boring B-7 (Figure 8) shows a significant reduction in PVOC concentrations compared to the PVOC levels observed in Soil Boring B-3. Soil Sample B-7, 8-10' exhibited only minor exceedences of the RCL for total xylene (5.1 mg/kg detected vs. RCL of 4.1 mg/kg) and toluene (2.667 mg/kg vs. RCL of 1.5 mg/kg). Concentrations of ethylbenzene, total xylene, and toluene detected in the north hydraulic lift area soil borings along with the estimated extent of observed RCL exceedences in soil are illustrated in Figure 8. The results from Soil Boring B-8, 8-10' (also presumed downgradient) showed an even more significant reduction of PVOC: compared to Soil Boring B-3 results.

4.2 GROUNDWATER INVESTIGATION

A total of five temporary groundwater quality monitoring wells (B-1, B-2, B-7, B-8, and B-9, see Figure 6) were installed at the location of the north hydraulic lift system (B-1 and B-2) and in the presumed downgradient direction (southeast/east based on area topography - B-7 through B-9). Each temporary well was installed within the GeoprobeTM boring using 3/4-inch diameter polyvinyl chloride well pipe with a five foot long, slotted well screen. The base of each well screen was placed between 14 and 15 feet below floor grade to allow the screened interval to generally intersect the water table. Subsequent to groundwater sampling, each temporary well was removed and the boreholes were abandoned per NR141, WAC (see borehole abandonment forms, Appendix F).

Groundwater levels were measured in Temporary Wells B-7 through B-9 on October 9 and 21, 1998 and on November 5, 1998. The depth to groundwater varied between 8.74 feet below floor surface (B-8) to 13.54 feet below floor surface (B-7) during the measurement periods. Recharge into each of the temporary wells was noted to be extremely slow indicating a low apparent hydraulic conductivity of the generally stiff, clay soils described adjacent to the well screens. Water sampling logs for the October 9 and 21, 1998 sampling events are included in Appendix H.

Groundwater samples were collected from each temporary well using a peristaltic pump and new polypropylene tubing. Due to the low apparent hydraulic conductivity of the soils adjacent to the screened intervals, groundwater was collected for the laboratory required sample volumes when

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the water level in each well indicated the potential for a sufficient volume. Groundwater samples from each temporary well were submitted to USF for DRO (with the exception of B-7 which did not yield a sufficient quantity of water for DRO analysis) and PVOC analysis. Following receipt of the DRO and PVOC groundwater results, groundwater from B-7 and B-8 was analyzed for the natural attenuation indicators heterotrophic plate count and hydrocarbon degrader population using a laboratory mixture of ethylbenzene, toluene, and xylene as the hydrocarbon source.

4.2.1 Groundwater Sampling Results

The results of the groundwater sampling DRO and PVOC results listed in Table 4 indicate only one exceedence of the NR140 WAC Enforcement Standard ("ES") in the five temporary wells. The total xylene ES exceedence was detected in B-2 at 932 μ g/l vs. ES of 620 μ g/l. In addition, slight exceedences of the NR140 WAC Preventive Action Limit ("PAL") were detected for: benzene (PAL of 0.5 μ g/l) in B-1 at 1.2 μ g/l and B-7 at 0.830 μ g/l; ethylbenzene (PAL of 140 μ g/l) in B-2 at 283 μ g/l; total trimethylbenzenes (PAL of 96 μ g/l) in B-2 at 429.1 μ g/l) and; toluene (PAL of 68.6 μ g/l) in B-7 at 76.9 μ g/l. All of the other reported PVOC detections listed in Table 4 either have no standard or are below their respective PAL. Furthermore, with the exception of the two minor exceedences of the benzene and toluene PAL observed within Temporary Well B-7 (Table 4), the presumed downgradient (southeast) groundwater quality does not exceed NR140 WAC standards. The complete groundwater sample laboratory reports are presented in Appendix I.

In order to aid in assessment of the potential for the observed hydrocarbon compounds to naturally degrade beneath the concrete floor of the manufacturing area, two groundwater samples were collected from Temporary Wells B-7 and B-8 and submitted to MVTL for heterotrophic plate count and hydrocarbon degrader populations on November 5, 1998. The hydrocarbon degrader population analysis was conducted by MVTL using a mixture of ethylbenzene, toluene, and xylene as the hydrocarbon source. Temporary Wells B-7 and B-8 were selected for the above analyses based on their apparent downgradient location near the area of the impacted groundwater plume edge; where biologic activity can generally be most active. Locations of B-7 and B-8 are shown on Figure 8. Results of the biologic assay reported by MVTL are listed in Table 5. The analytical result sheets are provided in Appendix I.

The heterotrophic plate count analysis is the laboratory measure of the general bacterial colonies (non-specific to petroleum compounds) within a sample. Results of the heterotrophic plate count analyses listed in Table 5 indicate that counts of 20,000 colony forming units per milliliter ("CFU/ml") and 5,000 CFU/ml were measured in the groundwater samples from B-7 and B-8, respectively. These results indicate that general bacterial activity is present within the north hydraulic lift area groundwater.

The hydrocarbon degrader populations analysis is the laboratory measure of the hydrocarbon bacteria specific to a hydrocarbon source; in this case a mixture of ethylbenzene, toluene, and xylene. Results of the hydrocarbon degrader analyses (Table 5) indicate that hydrocarbon degraders are present within both samples, although the hydrocarbon degrader count is much

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higher within groundwater from B-7 (6,000 CFU/ml) than B-8 (30 CFU/ml). The higher population count within B-7 may possibly be explained through a comparison of the groundwater PVOC concentrations detected within B-7 and B-8. Because the degrader population uses the referenced hydrocarbon source for cell growth, it can be seen from the comparison of the PVOC concentrations reported in B-7 and B-8 (Table 4) that the xylene and toluene concentrations within groundwater from B-7 are at least an order of magnitude higher than those detected within groundwater from B-8 (a similar pattern with the soil analytical results between B-7 and B-8 is also present, see Table 3). Additionally, the soil results for B-8 listed in Table 3 indicate only a low-level xylene detection was present within soils from B-8 at the 14-16 foot depth interval and no detection of the PVOCs in soil was observed at the 8-10 foot depth interval (area of water table). Therefore, the low-level groundwater and soil impact observed in B-8 may represent the downgradient plume boundary where hydrocarbon degrader activity may be at a lower level due a lack of enough available hydrocarbons for use in specific hydrocarbon degrader cellular growth.

5.0 EXCAVATED SOIL DISPOSAL

Approximately 16-17 cy of impacted soils were removed from the south hydraulic lift area (6-7 cy) and the north hydraulic lift area (10 cy). These soils were temporarily stockpiled (on and covered by plastic sheeting) at the Site by HCI prior to disposal approval from the Orchard Ridge Recycling and Disposal Facility Bio-treatment Cell ("Orchard Ridge RDF"). Following the disposal approval issued by Orchard Ridge under approved waste profile number ORC-BIO467055 (approved by Orchard Ridge RDF on January 7, 1999), the soils were loaded and transported to Orchard Ridge RDF by PEI. A signed Special Waste Manifest Disposal Ticket documenting the acceptance of 16.01 tons of soil by Orchard Ridge RDF on February 11, 1999 is included in Appendix J.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 SOUTH HYDRAULIC LIFT

The south hydraulic lift was removed from the Site on February 16, 1998. The site assessment soil sample (Soil Sample SHDL-1) indicated elevated DRO and various PVOC detections were present in the soil below the lift cylinder. Subsequent soil overexcavation was performed to remove impacted soils and approximately 6-7 cy of soil were removed for disposal in the Orchard Ridge RDF Bio-treatment Cell (see Section 5.0). Three confirmatory soil samples were collected from the base and accessible east and west sidewalls of the overexcavated interval and submitted for DRO and PVOC analysis. The results of the three confirmational soil samples (see Table 1 and Figure 4) indicate that DRO concentrations in soils remaining in the area of the south hydraulic lift are well below the NR720.09(4) WAC RCL for DRO and that PVOC concentrations are either no detect or also well below the respective RCL listed in NR720.09(4) WAC. Therefore, it is concluded that the south hydraulic lift system soils have been effectively

remediated and that no further activities be conducted at the area of the south hydraulic lift. Furthermore, it is recommended that the WDNR grant closure for the south hydraulic lift area at the Site.

6.2 NORTH HYDRAULIC LIFT

The north hydraulic lift system was removed from the Site on March 4, 1998. The site assessment soil sample (Soil Sample NHDL Lift/10.5') indicated that elevated DRO and various PVOC concentrations were present within the soil beneath the former lift cylinder. Subsequent site investigation soil and groundwater sampling documented the presence of a limited DRO and PVOC plume toward the east/southeast of the former lift (see Figure 8); in the presumed downgradient direction of shallow groundwater flow. The analytical results of 18 soil samples collected during the investigation (Table 3) indicate that of the 18 soil samples, only three exhibit exceedences of soil RCLs listed in NR720.09(4) for PVOC. All three of these soil samples were collected from the shallow sample intervals within Soil Borings B-2 (exceedence of the ethylbenzene and total xylene RCLs), B-3 (exceedence of the ethylbenzene, total xylene, and toluene RCLs), and B-7 (slight exceedence of the total xylene and toluene RCLs only). The deeper depth interval samples at each of these boring locations show either no detect of the above compounds or concentrations well below the respective RCLs. Therefore, the vertical extent of the observed PVOC impacts is well defined at the Site. Based on the stiff clays encountered with depth at each of the boring locations (see boring logs, Appendix F), the NR720.09(4) RCL for DRO of 250 mg/kg was only exceeded at one investigation boring location (Soil Boring B-2, shallow depth sample interval, Table 3 and Figure 7). The remaining 17 DRO sampling locations were either no detect (10 soil samples) or well below the DRO RCL of 250 mg/kg.

Although apparent downgradient Soil Boring B-7 did exhibit slight exceedences of the total xylene and toluene RCLs within the 8-10 foot soil depth interval, the concentrations of the detected PVOCs within B-7 soil are significantly lower than those observed in Soil Boring B-3, located approximately 17 feet north/northwest or upgradient of B-7 (see Figure 8). Therefore, it may be concluded that Soil Boring B-7 is at or near the downgradient extent of the observed PVOC RCL exceedences.

Based on the soil analytical results and the locations of the investigation soil borings, the approximate extent of the observed soil impacts exceeding the NR720.09(4) RCLs for the PVOCs ethylbenzene, total xylene, and toluene is shown in Figure 8. The estimated volume of the soil outlined in Figure 8 is 360 cy. The volume estimate is based on the vertical locations of the soil samples in each boring and the approximate lateral dimensions shown in Figure 8.

Groundwater analytical results collected from five temporary monitoring wells indicate only one ES exceedence in Temporary Well B-2 (920 μ g/l total xylenes detected vs. ES of 620 μ g/l, see Table 4). Results of hydrocarbon degrader population analyses for presumed downgradient Temporary Wells B-7 and B-8 (located at or near the plume edge) indicate that hydrocarbon natural attenuation is an active process at the Site. Furthermore, the building and its concrete floor (approximately 8-inches thick) act as a cap preventing infiltration, source control has

occurred through removal of the lift system and some impacted soil, the native soils are generally described as stiff clay, no receptors or exposure routes for the limited soil and groundwater impact have been identified, and the presumed east and south downgradient property boundaries are located approximately 300 feet and 550 feet, respectively, from the north hydraulic lift area (see Figure 2). Therefore, based on the above Site data and conditions, the inaccessibility of the observed impact beneath the concrete floor of the manufacturing facility, and the apparent lack of exposure routes, GEO Management requests that the WDNR review the Site data and grant no further action at the north hydraulic lift area.

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Table 1. South Hydraulic Lift Soil Sample Field Screening and AnalyticalResults⁽¹⁾, Hentzen Coatings, Inc., 6937 West Mill Road, Milw., WI. 53218.

Sample I.D.	SHDL-1	HDL-1/Base	HDL-1/East	HDL-1/West	
Sample Depth (ft.)	7	9.5	8	8	
Headspace (i.u.) ⁽²⁾	475	2	0	0	
Soil Description	sand	clay	clay	clay	RCL
DRO ⁽³⁾	5,800	8	11 1.9J		NS
PVOCs ⁽⁴⁾					
Benzene	ND	ND	ND	ND	0.0055
Ethylbenzene	4.1	1.5	ND	ND	2.9
Methyl tert Butyl Ether	ND	0.020J	ND	0.045J	NS
1,2,4-Trimethylbenzene	1.4	0.044J	ND	ND	NS
1,3,5-Trimethylbenzene	0.87	0.022J	ND	0.017J	NS
m- & p-Xylenes	9.5	2.3	ND	0.040J	4.1 total
o-Xylene	0.46	0.54	ND	ND	4.1 total
Toluene	0.36	0.25	ND	0.026J	1.5

⁽¹⁾ = Results reported as milligrams per kilogram (mg/kg) on a dry weight basis.

⁽²⁾ = Instrument units by an Organic Vapor Monitor (OVM).

 $^{(3)}$ = Diesel Range Organics.

⁽⁴⁾ = Petroleum Volatile Organic Compounds.

RCL = Residual Contaminant Level listed in NR720.09(4), WAC.

NS = No standard promulgated.

ND = Compound not detected.

J = Estimated concentration. Compound detected below the Limit of Quantitation.

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Table 2. North Hydraulic Lift Closure Sample Field Screening and AnalyticalResults⁽¹⁾, Hentzen Coatings, Inc., 6937 West Mill Road, Milw., WI. 53218.

Sample I.D.	NHDL Tank	NHDL Lift		
Sample Depth (ft.)	6	10.5		
Headspace (i.u.) ⁽²⁾	0	800		
Soil Description	sand	clay	RCL	
DRO ⁽³⁾	6.2	3,500	NS	
PVOCs ⁽⁴⁾				
Benzene	ND	0.51	0.0055	
Ethylbenzene	ND	1.7	2.9	
Methyl tert Butyl Ether	ND	ND	NS	
1,2,4-Trimethylbenzene	ND	1.2J	NS	
1,3,5-Trimethylbenzene	ND	1.2	NS	
m- & p-Xylenes	ND	8.2	4.1 total	
o-Xylene	ND	3.8	4.1 total	
Toluene	ND	2.1J	1.5	

⁽¹⁾ = Results reported as milligrams per kilogram (mg/kg) on a dry weight basis.

⁽²⁾ = Instrument units by an Organic Vapor Monitor (OVM).

 $^{(3)}$ = Diesel Range Organics.

⁽⁴⁾ = Petroleum Volatile Organic Compounds.

RCL = Residual Contaminant Level listed in NR720.09(4), WAC.

NS = No standard promulgated.

ND = Compound not detected.

J = Estimated concentration. Compound detected below the Limit of Quantitation.

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Boring I.D.	В	-1	E	3-2	В-3		<u>B-4</u>		B-6		
Sample I.D.	B-1 13'	B-1 19'	B-2 14'	B-2 19'	B-3 9'	B-3 14'	B-4 5'	B-4 9'	B-6 3'	B-6 11'	
Sample Depth (ft.)	13	19	14	19	9	14	5	9	3	11	RCL
Headspace (i.u.) ⁽²⁾	bkgd ⁽³⁾	bkgd	485	77	630	3.5	119	bkgd	1.5	bkgd	
Soil Description	clay	clay	sand	clay	clay	sand/clay	sand/clay	sand	sand/clay	clay	
DRO ⁽⁴⁾	ND	7.71	30,600	7.91	126	ND	68.4	ND	ND	ND	NS
PVOCs ⁽⁵⁾											
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0055
Ethylbenzene	ND	0.032MB	5.723	0.035MB	23.869	0.031MB	0.053	ND	ND	ND	2.9
Methyl tert Butyl Ether	ND	ND	ND	ND	ND	0.094 ⁽⁶⁾	0.084 ⁽⁶⁾	ND	ND	0.073 ⁽⁶⁾	NS
1,2,4-Trimethylbenzene	ND	ND	16.740	0.043	16.807	ND	ND	ND	ND	ND	NS
1,3,5-Trimethylbenzene	ND	ND	5.574	ND	4.918	ND	ND	ND	ND	ND	NS
m- & p-Xylenes	0.052	ND	16.740	0.042	136.645	0.048	0.181	ND	ND	ND	4.1 total
o-Xylene & Styrene	ND	ND	3.042	ND	32.646	ND	0.055	ND	ND	ND	4.1 total
Toluene	0.057	0.061	0.509	ND	6.227	ND	ND	ND	ND	ND	1.5

Table 3. North Hydraulic Lift Soil Investigation Field Screening and Analytical Results⁽¹⁾, Hentzen Coatings, Inc.,6937 West Mill Road, Milwaukee, Wisconsin 53218.

 $^{(1)}$ = Results reported as milligrams per kilogram (mg/kg) on a dry weight basis.

⁽²⁾ = Instrument units by an Organic Vapor Monitor (OVM).

⁽³⁾ = Background.

⁽⁴⁾ = Diesel Range Organics.

⁽⁵⁾ = Petroleum Volatile Organic Compounds.

⁽⁶⁾ = Concentration reported by laboratory suspected as resulting from methanol contamination.

⁽⁷⁾ = Concentration reported by laboratory as resulting from methanol contamination. See Laboratory "Notice", Appendix G.

Note: Soil Boring B-5 not sampled due to drill probe refusal at 4.1 feet. Soil Boring B-6 completed approximately 3 feet from B-5.

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RCL = Residual Contaminant Level listed in NR720.09(4), WAC.

ND = Compound not detected.

NS = No standard promulgated.

MB = Compound detected by laboratory in the Method Blank.

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Table 3 (cont.). N	forth Hydraulic Lift Soil Investigation Field Screening and Analytical Results ⁽¹	¹⁾ , Hentzen	Coatings,	Inc.,
69	937 West Mill Road, Milwaukee, Wisconsin 53218.			

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Boring I.D.	E	8-7	E	3-8	B-9 B-10				
Sample I.D.	B-7 8-10'	B-7 14-16'	B-8 8-10'	B-8 14-16'	B-9 8-10'	B-9 14-16'	B-10 8-10'	B-10 14-16'	
Sample Depth (ft.)	8-10	14-16	8-10	14-16	8-10	14-16	8-10	14-16	RCL
Headspace (i.u.) ⁽²⁾	372	32	22	bkgd ⁽³⁾	bkgd	bkgd	bkgd	bkgd	
Soil Description	clay	clay	silt/clay	clay	clay	clay	clay	clay	
DRO ⁽⁴⁾	114	ND	11.2	8.15	ND	ND	ND	ND	NS
PVOCs ⁽⁵⁾									
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	0.0055
Ethylbenzene	1.255	ND	ND	ND	ND	ND	ND	ND	2.9
Methyl tert Butyl Ether	ND	ND	0.1 ⁽⁷⁾	0.076 ⁽⁷⁾	ND	0.123 ⁽⁷⁾	0.112 ⁽⁷⁾	0.128 ⁽⁷⁾	NS
1,2,4-Trimethylbenzene	1.986	ND	ND	ND	ND	ND	ND	ND	NS
1,3,5-Trimethylbenzene	0.744	ND	ND	ND	ND	ND	ND	ND ·	NS
m- & p-Xylenes	4.192	ND	ND	0.041	ND	ND	ND	ND	4.1 total
o-Xylene & Styrene	0.908	ND	ND	0.071	ND	ND	ND	ND	4.1 total
Toluene	2.667	ND	ND	ND	ND	ND	ND	ND	1.5

⁽¹⁾ = Results reported as milligrams per kilogram (mg/kg) on a dry weight basis.

⁽²⁾ = Instrument units by an Organic Vapor Monitor (OVM).

⁽³⁾ = Background.

⁽⁴⁾ = Diesel Range Organics.

⁽⁵⁾ = Petroleum Volatile Organic Compounds.

 $^{(6)}$ = Concentration reported by laboratory suspected as resulting from methanol contamination.

 $^{(7)}$ = Concentration reported by laboratory as resulting from methanol contamination. See Laboratory "Notice", Appendix G.

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RCL = Residual Contaminant Level listed in NR720.09(4), WAC.

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ND = Compound not detected.

NS = No standard promulgated.

MB = Compound detected by laboratory in the Method Blank.

GEO Management Consultants, Inc.

Temporary Well I.D.	B-1	B-2	B-7	B-8	B-9		
Sample I.D.	B-1	B-2	B-7	B-8	B-9	Groundwate	er Standards
Date Collected	8/17/98	8/17/98	10/21/98	10/9/98	10/21/98	NR140 ES ⁽²⁾	NR140 PAL ⁽³⁾
DRO ⁽⁴⁾	1,180	21,300	not sampled 19,700		418	NS	NS
PVOCs ⁽⁵⁾							
Benzene	1.2	ND	0.830	ND	ND	5	0.5
Ethylbenzene	25.6	283	7.17	1.59	ND	700	140
Methyl tert Butyl Ether	ND	ND	ND	ND	ND	60	12
1,2,4-Trimethylbenzene	20.2	342	4.69	5.56	ND	480 ⁽⁶⁾	96 ⁽⁶⁾
1,3,5-Trimethylbenzene	6.57	87.1	1.54	2.49	ND	480 ⁽⁶⁾	96 ⁽⁶⁾
m- & p-Xylenes	113	721	41.8	4.00	ND	620 ⁽⁶⁾	124 ⁽⁶⁾
o-Xylene & Styrene	6.92	181	14.4	2.31	ND	620 ⁽⁶⁾	124 ⁽⁶⁾
Toluene	28.1	ND	76.9	2.87	1.61	343	68.6

Table 4. North Hydraulic Lift Groundwater Analytical Results⁽¹⁾, Hentzen Coatings, Inc., 6937 West Mill Road, Milwaukee, Wisconsin 53218.

⁽¹⁾ = Results reported as micrograms per liter (ug/l).

⁽²⁾ = Groundwater Enforcement Standard NR140, WAC.

 $^{(3)}$ = Groundwater Preventive Action Limit NR140, WAC.

⁽⁴⁾ = Diesel Range Organics.

⁽⁵⁾ = Petroleum Volatile Organic Compounds.

 $^{(6)}$ = Standard is for Total Xylenes or Trimethylbenzenes.

NS = No standard promulgated

ND = Compound not detected.

hentzen\hydlift\t4gwsamp.xls

GEO Management Consultants, Inc.

Table 5. Groundwater Sample Bio-enumeration Assay Results⁽¹⁾, HentzenCoatings, Inc., 6937 West Mill Road, Milwaukee, Wisconsin 53218.

Temporary Well Number	B-7	B-8
Heterotrophic Plate Count ⁽¹⁾	20,000	5,000
Hydrocarbon Degrading-14 ⁽¹⁾⁽²	6,000	30

(1) - Results reported as colony forming units per milliliter (CFU/ml).

(2) - Hydrocarbon source was a mixture of ethylbenzene, toluene, and xylene.

hentzen/lift/table5

GEO Management Consultants, Inc.

APPENDICES

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April 10, 1997 WDNR Correspondence

APR 14 '97 03:02PM HENTZEN COATINGS



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor George E: Meyer, Secretary Gloria L. McCutcheon, Regional Director

ULU MANAUEMEN

Southeast Region Annex 4041 N. Richards Street, Box 12436 Milwaukee, WI 53212-0436 TELEPHONE 414-229-0800 FAX 414-229-0810

April 10; 1997

BRRTS# : 02-41-120032 Facility ID#: 241017590 BRR/ERP

HERB HENTZEN MILL ROAD COMPANY LLC 6937 W MILL RD MILWAUKEE WI 53218

SUBJECT: Reported Contamination at Hentzen Coatings Inc., 6937 W. Mill Rd., Milwaukee

Dear Mr. Hentzen:

On 3-21-97 you reported to the Department that hydraulic lift system oil had caused comtamination at the subject address.

Based on the information submitted to the Wisconsin Department of Natural Resources (WDNR), we believe you are responsible for restoring the environment at the referenced site under Section 292, Wisconsin Stats., known as the hazardous substances spills law. Utilizing information submitted to the Department, this case has been assigned an unknown ranking due to the lack of information concerning soil and groundwater contamination.

WDNR Southeast Region Prioritization and Scoring Policy

Due to the WDNR workload, it is necessary to rank all contamination cases for review priority. Lower priority cases do not have assigned project managers, however, responsible parties are required to proceed with investigation and clean-up efforts. Due to the lack of information about this site, its relative priority cannot be determined. Therefore, the priority ranking of this site is considered unknown. Until a priority has been assigned to this site, you should proceed with the required response work, submitting all plans and reports, along with quarterly status reports, to this office. The WDNR will notify you if your site will receive active oversight.

Your responsibilities include investigating the extent of the contamination and then selecting and implementing the most appropriate remedial action. Enclosed is information to help you understand what you need to do to ensure your compliance with the spills law.

The purpose of this letter is threefold: 1) to describe your legal responsibilities, 2) to explain what you need to do to investigate and clean up the contamination, and 3) to provide you with information about cleanups, environmental consultants, possible financial assistance, and working cooperatively with the Department of Natural Resources.

Legal Responsibilities:

Your legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:



P.2/4

APR 14 '97 Ø3:03PM HENTZEN COATINGS

RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Codes chapters NR 700 through NR 728 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:

The longer contamination is left in the environment the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and to neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first four steps to take

1. By 5-23-97, please submit <u>written</u> verification (such as a letter from the consultant) that you have hired an environmental consultant. You will need to work quickly to meet this timeline.

2. By 7-6-97, your consultant must submit a workplan and a schedule for conducting the investigation. The consultant must follow the Department's administrative codes and our technical guidance documents. Please include with your workplan a copy of any previous information that has been completed (such as an underground tank removal report or a preliminary soil excavation report).

3. Please keep us informed of what is being done at your site. Submittal requirement timelines are dependent upon the contaminants of concern at the site. As described in Chap. NR 700.11, if the site meets the criteria for a "simple site", progress reports must be submitted semiannually, beginning 6 months from the initial notification date. If the site meets the criteria for a "complex site", the site investigation report and a draft remedial options report must be submitted to the Department within 30 days of completion of both reports. Your consultant must clearly document the extent and degree of soil and groundwater contamination and submit a proposal for cleaning up the contamination.

4. For complex sites, per chapter NR 724.13(3), you or your consultant must provide us with a <u>brief</u> report at least every 90 days, starting after the remediation system begins operation. The reports should summarize the work completed since the last report. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. However, please note that should conditions at your site warrant, you may receive a letter requiring more frequent contacts with the Department.

Due to the number of contaminated sites and our staffing levels in the WDNR Southeast Region, we will be unable to provide workplan approvals for investigations or remedial actions. To maintain your compliance with the spills law and chs. NR 700 through NR 728, do not delay the investigation and cleanup of your site by waiting for WDNR responses. We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

Your correspondence and reports regarding this site should be sent to:

Michael Farloy BRR Program Assistant Wisconsin Department of Natural Resources Box 12436 4041 N Richards St Milwaukee WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRTS and FID numbers shown at the top of this letter.

Information for Site Owners:

Enclosed is a list of environmental consultants and some important tips on selecting a consultant. If, you are eligible for reimbursement of costs under Wisconsin's PECFA program (see last paragraph) you will need to compare at least three consultants' proposals before hiring a consultant. Consultants and laboratorics working in the PECFA program are required to carry errors and omissions insurance to help protect you against unsuitable work. Also enclosed are materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method. This information has been prepared to help you understand your responsibilities and what your environmental consultant needs to do. Please read this information carefully.

If you are interested in obtaining the protection of limited liability under s. 292, Stats., please contact Mark Giesfeldt at (608) 267-7562 or Darsi Foss at (608) 267-6713, in the Department of Natural Resources' Madison office for more information. The liability exemption under s. 292 Stats., is available to persons who meet the definition of "purchaser" in s. 292 and receive Department approval for the response actions taken at the property undergoing cleanup. The Department will determine eligibility for this program on a case-by-case basis, prior to the "purchaser" developing a scope of work for conducting a ch. NR 716 site investigation at the property.

Financial Information:

Reinbursement from the Petroleum Environmental Cleanup Fund (PECFA) is available for the costs of cleaning up contamination from eligible petroleum storage tanks. The fund is administered by the Department of Industry, Labor, and Human Relations (DILHR). Please contact DILHR at (608) 266-2424 for more information on eligibility and regulations for this program.

Thank you for your cooperation.

Sinceroly,

Michael G. Farley Program Assistant 414-229-0808

APPENDIX B

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	TYP APPEARANCE: Red Lubricant	ICAL CHEMICAL VISCOSITY:	AND PHYSICAL PRO At $\frac{210}{64}$ F, SUS	PERTIES At <u>100</u> C, 11.5	cSt
	TYP: APPEARANCE: Red Lubricant ODOR:	ICAL CHEMICAL VISCOSITY: VISCOSITY:	AND PHYSICAL PRO At 210 F, SUS 64 At 100 F. SUS	PERTIES At <u>100</u> C, <u>11.5</u> At 40 C.	cSt
	TYP APPEARANCE: Red Lubricant ODOR: Lube Oil Odor	ICAL CHEMICAL VISCOSITY: VISCOSITY:	AND PHYSICAL PRO At $\frac{210}{64}$ F, SUS At $\frac{100}{525}$ F, SUS	PERTIES At <u>100</u> C, <u>11.5</u> At <u>40</u> C, 100	cSt cSt
	TYP: APPEARANCE: Red Lubricant ODOR: Inbe Oil Odor	ICAL CHEMICAL VISCOSITY: VISCOSITY:	AND PHYSICAL PRO At $\frac{210}{64}$ F, SUS At $\frac{100}{525}$ F, SUS	PERTIES At $\frac{100}{11.5}$ C, At $\frac{40}{100}$ C, DW: 5.8	cSt cSt
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** SECTION III ******

INGREDIENTS

HAZARDOUS INGREDIENTS:	WT PCT (APPROX)	TLV	ORAL LD50	DERMAL LD50
Oil Mist Zinc dithiophosphate Zinc Compounds Butylated phenol 1-hexanol, 2-ethyl (2-Ethylhexanol)	>90.0 <1.0 <1.0 <0.5 <0.25	5mg/m3-TWA Unknown Unknown Unknown Unknown	Unknown Unknown Unknown Diknown 2460mg/ kg Rat	Unknown Unknown Unknown Unknown Unknown

NON-HAZARDOUS INGREDIENTS:

Additives and/or other ingredients. This product is a mixture. The specific chemical identity of hazardous ingredients and non-hazardous ingredients, their C.A.S. numbers and their exact percent of composition are proprietary to Lubrication Engineers, Inc. and are being withheld as Trade Secrets. The above listing of hazardous ingredients discloses the properties, approximate concentration and known toxicological effects of the hazardous ingredients. This material is an automotive/industrial lubricant with a low order of toxicity and irritancy. The product is formulated with ingredients that are not designated as harmful to the ozone.

If this product contains any chemicals that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372, they will be listed in the above HAZARDOUS INGREDIENTS section.

FIRE AND EXPLOSION HAZARD DATA

FLASH	POI	NT:	F	(Method	(beaU
· . 4	150	٠F	(C.	0.C.)	·

FLAMMABLE LIMITS: Unknown LEL UEL

EXTINGUISHING MEDIA:

Foam, dry chemical, water fog, or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES:

Do not direct a solid stream of water into fire. Treat as a petroleum oil fire. Respiratory protection required for fire fighting personnel.

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UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HEALTH HAZARD DATA

*** SECTION V ********

THRESHOLD LIMIT VALUE: (If Established) Not established. Oil mist = 5mg/m3

EFFECTS OF OVEREXPOSURE:

Although there are no consistent primary routes of entry, the product may cause mild dermititis upon prolonged contact and is expected to be an eye and lung irritant. Any existing skin, eye, or lung irritation may be aggravated by direct contact. No components are listed on OSHA, I.A.R.C., or N.T.P. lists for carcinogens.

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EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:

Flush immediately with water until irritation subsides.

SKIN CONTACT:

Wash affected skin area with mild soap and water.

INGESTION:

Do not induce vomiting. Contact a physician.

INHALATION:

Remove to fresh air. If not breathing, give artificial respiration. Contact a physician.

REACTIVITY DATA

***** SECTION VII ********

STABILITY: (Thermal, Light, Etc.) Stable

CONDITIONS TO AVOID: Contact with nuclear radiation and strong oxidizing materials.

INCOMPATIBILITY: (Materials to avoid) Strong oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Dense smoke and oxides of C, S, N, P, 2n, and Ca; hydrogen sulfide.

6130 Monolec Hydraulic Oil Effective Date: 07/23/93

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HAZARDOUS POLYMERIAZATION: Will not occur.

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Treat as a petroleum oil spill.

WASTE DISPOSAL METHOD:

Incinerate where permitted under federal, state, and local laws. Used petroleum products may be recycled through re-refining processes.

SPECIAL PROTECTION INFORMATION

EYE PROTECTION:

Sufficient to avoid direct contact

SKIN PROTECTION: Protective neoprene or plastic gloves may be desired.

RESPIRATORY PROTECTION: Usually not needed.

VENTILITATION:

Usually not needed in open, unconfined areas.

OTHER:

Usually Not needed.

SPECIAL PRECAUTIONS

Close containers when not in use. Keep away from heat, sparks, open flames, and strong oxidants. Avoid eye contact and prolonged skin contact. Avoid breathing oil mists. Wash thoroughly after handling.

6130 Monolec Hydraulic Oil Effective Date: 07/23/93 ********

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HAZARD RATINGS

There are several recognized and accepted systems that assign hazard ratings to materials. Although this product has not been evaluated specifically against these systems, the ratings for the National Fire Protection Association (NFPA) and the National Paint and Coatings Association's Hazardous Material Identification System (HMIS) are:

NFPA

HMLS

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APPENDIX C

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Representative Driller's (Well) Log

日二十二 WELL CONSTRUCTION REPORT MAR -1 metre WISCONSIN STATE BOARD OF HEALTH WELL DRILLING DIVISION Note: Section 32 of the Wisconsin Well Drilling Sanitary Code, having the force and effect of law, provides that within thirty days after completion of every well the driller shall submit a report covering all essential details of construction to the State Board of Health on a form provided by the Board mid Owner (Driller __ Street or RFD_ Post Office Post Office Miller -2-P ac Date Il Permit No. 82 LOCATION OF PREMISES The square below represents a section of land divided into 40 acre tracts. Mark the position of the premises in the section. nilwank wel County N1/2, L Road mile East of U Describe further by subdivision, plat, district, lake, lot, Wannal ie q Sec. up road on R. Ha House nearly Tŵp. 🚊 block, nearest principal highway, etc., whichever apply. Range 21. DIAGRAM OF PREMISES See discussion and illustration in Part III Well Drilling Code. In making the diagram in the space below consider 10 ft. as the distance between lines. Be sure to indicate NORTH. no 1 U = Additional copies of this form may be obtained in lots of 12 for 25¢. Send remittance with order to State Board of Health, Well Drilling Division, Madison, Wis. 1 e

WELL LOG and REPORT month points of WELL DIAGRAM In this column indicate the kind In this column state the kind of formations penetrated, their thickness in feet and if water bearing. Use a red line to show casing or liner pipe. Use black for drill or borehole. Record of casing, liner, shoe and other FINAL accessories used. Pumping test Inches Diameter Depth Ital wit Blk 2 3 4 5 8 8 10 12 14 16 18 Jop Soil selay 6. Duration of test 12 Hours _____ Steel Pipe Blue Clay 24' Pumping rate G.P.M. _____6 Forged Steel 25 30 Hard Pan 10° * Boldus 10° Depth of pump in 40 well. Ft. _//0-Key clay Hard Pan 16' 50 Standing water-level (from surface) Ft. 56 Caring Hard Pan 23' 75 Water-level when 74 79 Drill Thole Sandy clay 5' 84 Hard Pan Boldus 5' Water. End of test. 89 Clear _____ 100 Hard 14 Pan Cloudy = Front 103 131 Turbid Landy clay 116 Line lone Was the well sterilized? 150 Yes _ No Water Bearing herill Cuttings 167 51 To which laboratory was sample sent? Date 7162-1940 200 # 19/1 Note Was the well sealed on completion? Well #2 Yes_/____No_____ 400 How high did you leave the casing-pipe above grade? Copy mailed to Gold & Ala Cann-152 W. Mis, Ave. Militiri; Attys · : 800 Well was completed Date 720 8. 1940 for Schmidt -48- 18 831 1200 Jane Qu Draw the diagram to show the right half only 1

APPENDIX D

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STUDIES.

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Contraction of the local distribution of the

South Hydraulic Lift Soil Analytical Results



MVTL LABORATORIES, Inc. 140 E. Ryan Road, Oak Creek, WI 53154-4599 414-764-7005 • FAX 414-764-0486 • 1-800-422-2195 WE ARE AN EQUAL OPPORTUNITY EMPLOYER

FINAL REPORT

ROBERT HACKENBERG GEO MGMT CONSULTANTS INC PO BOX 24260 MILWAUKEE WI 53224-0260

Project Name: Hentzen Coatings, Inc. Sample Desc: SHDL-1/Soil

Container Integrity: Meets Standard, Sample Integrity: Meets Standard

	Wet	Dry					Test
	Result	Result	Unit	LOD	roð	Procedure	Date
DRO Extraction						WIMODDRO	18 Feb 1998
Percent Moisture	3.6	N/A	8	0.1	0.1	SW 5030	18 Feb 1998
Diesel Range Organics	5600	5800	mg/Kg	200	640	WIMODDRO	19 Feb 1998
Methyl Tert-Butyl Ether	< 0.016	< 0.017	mg/Kg	0.017	0.052	SW 8021B-E	18 Feb 1998
Benzene	< 0.014	< 0.015	mg/Kg	0.015	0.049	SW 8021B-E	18 Feb 1998
Toluene	0.35	0.36	mg/Kg	0.013	0.046	SW 8021B-E	18 Feb 1998
Ethylbenzene	4.0	4.1	mg/Kg	0.013	0.046	SW 8021B-E	18 Feb 1998
P,M-Xylenes	9.1	9.5	mg/Kg	0.029	0.093	SW 8021B-E	18 Feb 1998
0-Xylene	0.45	0.46	mg/Kg	0.018	0.057	SW 8021B-E	18 Feb 1998
1,3,5-Trimethylbenzene	0.84	0.87	mg/Kg	0.011	0.039	SW 8021B-E	18 Feb 1998
1,2,4-Trimethylbenzene	1.4	1.4	mg/Kg	0.021	0.067	SW 8021B-E	18 Feb 1998

The DRO GC chromatogram does not match the diesel standard pattern.

Other heavier hydrocarbons present after the DRO window.

ad by:

All soil and water samples will be disposed of by MVTL 60 days following date of receipt.

All waste samples (non-water, non-soil) will be returned 60 days following date of receipt.

N/T = Not Tested, N/A = Not Applicable, N/D = Not Detected J = Estimated below the LOQ.

D = Detected below the LOQ.

Elevated Detection Limits:

- @ = Due to matrix interference.
- \$ = Due to sample quantity.

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Page:



WI DNR Lab Certification #241283020

Report Date: 20 Feb 1998 Lab Number: 98-N212 Work Order #: 26-122 Lab Matrix: SL Account #: 030192 Date Sampled: 16 Feb 1998 11:30 Sampled By: RH Date Received: 17 Feb 1998 15:12

Temperature at Receipt: RECEIVED ON ICE Purchase Order Number: 97E50 Chain of Custody Number: 27044

Project Number: 97E50

= Due to sample concentration. + = Due to extract volume.

MVTL LABORATORIES, Inc.

 THE PEOPLE WE SERVE . . CARE ABOUT THE ENVIRONMENT Chain-of-Custody: 27044

 140 EAST RYAN ROAD•OAK CREEK•WISCONSIN•53154
 •414-764-7005•1-800-422-2195•CLIENT SERVICES 414-768-7460•FAX 414-764-0486

(1) CLIENT: <u>Hentzen Coatings</u> PROJECT NAME/#: <u>97E50</u> PROJECT MANAGER: <u>R. Hock</u>	, Inc.	(3) UST STATE WPDES NPDES			(5)	MA	TRIX						(6) A (MET	NAL	YSIS S & I	REQU	DEST	'ED IN LI	MITS	i	WOF	LAB USE (RK ORDER	DNLY #:	_
SAMPLER: <u><i>R. Hackenberg</i></u> P.O. #_ <u>97E50</u>		RCRA PECFA OTHER 	RAB ()	COMPOSITE	OF CONTAINERS	01L	ROUND WATER	VASTE	ASTEWATER	THER	RESERVATION	TYPE	000	Dire Circ	200					/	ACC DAT TEN MVT	:T # E IP <u>\ NI</u> L WORK C	<u>{ \ RO</u> RDER #	
(2) SAMPLE IDENTIFICATION	DATE	TIME		0	*	S	9	^	3	Ó	a mac//			<u> </u>	4	<u> </u>		<u> </u>	1	<u> </u>	(7)	REMAR	KS	
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OTHER SPECIAL INSTRUCTIONS: Invoice to: Hentzer Contings Inc. IN CASE WE HAV Attn: Mr. Herb Hentzen, 6937 W. Mill Rd., Milw. WI 53218 LABORATORIES, Send ariginal to GEO Management for approval Horwarding SEND REPORTS 1								HAVI ES, I TS T	≡ QL NC.	JEST SHC	ULD	S W CA	HEN	I SAI	MPL			TL						

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FINAL REPORT

BOB HACKENBERG GEO MGMT CONSULTANTS INC PO BOX 24260 MILWAUKEE WI 53224-0260

Project Name: Hentzen Coatings Sample Desc: HDL-1/Base 9.5'/Soil

Container Integrity: Meets Standard, Sample Integrity: Meets Standard

	Wet	Dry					Test
	Result	Result	Unit	LOD	roð	Procedure	Date
DRO Extraction						WIMODDRO	27 Feb 1998
Percent Moisture	14	N/A	8	0.1	0.1	SW 5030	27 Feb 1998
Diesel Range Organics	6.9	8.0	mg/Kg	1.1	3.6	WIMODDRO	2 Mar 1998
Methyl Tert-Butyl Ether	0.017 J	0.020 J	mg/Kg	0.019	0.058	SW 8021B-E	26 Feb 1998
Benzene	< 0.014	< 0.016	mg/Kg	0.016	0.055	SW 8021B-E	26 Feb 1998
Toluene	0.22	0.25	mg/Kg	0.015	0.052	SW 8021B-E	26 Feb 1998
Ethylbenzene	1.3	1.5	mg/Kg	0.015	0.052	SW 8021B-E	26 Feb 1998
P,M-Xylenes	2.0	2.3	mg/Kg	0.032	0.10	SW 8021B-E	26 Feb 1998
O-Xylene	0.46	0.54	mg/Kg	0.020	0.064	SW 8021B-E	26 Feb 1998
1,3,5-Trimethylbenzene	0.018 J	0.022 J	mg/Kg	0.013	0.044	SW 8021B-E	26 Feb 1998
1,2,4-Trimethylbenzene	0.038 J	0.044 J	mg/Kg	0.024	0.076	SW 8021B-E	26 Feb 1998
The DDO GG sharesterner door out	websh whe diams 1 -						

The DRO GC chromatogram does not match the diesel standard

pattern.

Other lighter hydrocarbons present before the DRO window.

proyed by: Signatory

All soil and water samples will be disposed of by MVTL 60 days following date of receipt. All waste samples (non-water, non-soil) will be returned 60 days following date of receipt.

N/T = Not Tested, N/A = Not Applicable, N/D = Not Detected

J = Estimated below the LOQ. D = Detected below the LOQ.

Elevated Detection Limits:

@ = Due to matrix interference.

\$ = Due to sample quantity.

= Due to sample concentration.

+ = Due to extract volume.

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Page:

1



WI DNR Lab Certification #241283020

Report Date: 4 Mar 1998 Lab Number: 98-N273 Work Order #: 26-146 Lab Matrix: SL Account #: 030192 Date Sampled: 24 Feb 1998 11:30 Sampled By: Bill Davies Date Received: 25 Feb 1998 12:57

Temperature at Receipt: RECEIVED ON ICE Purchase Order Number: 97E50 Chain of Custody Number: 25888

Project Number: 97E50











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FINAL REPORT

BOB HACKENBERG GEO MGMT CONSULTANTS INC PO BOX 24260 MILWAUKEE WI 53224-0260 Report Date: 4 Mar 1998 Lab Number: 98-N275 Work Order #: 26-146 Lab Matrix: SL Account #: 030192 Date Sampled: 24 Feb 1998 11:40 Sampled By: Bill Davies Date Received: 25 Feb 1998 12:57

Temperature at Receipt: RECEIVED ON ICE Purchase Order Number: 97E50 Chain of Custody Number: 25888

Project Number: 97E50

Project Name: Hentzen Coatings

Sample Desc: HDL-1/East 8'/Soil

Container Integrity: Meets Standard, Sample Integrity: Meets Standard

	Wet	Dry					Test
	Result	Result	Unit	LOD	roð	Procedure	Date
DRO Extraction					<u> </u>	WIMODDRO	27 Feb 1998
Percent Moisture	16	N/A	%	0.1	0.1	SW 5030	27 Feb 1998
Diesel Range Organics	9.1	11	mg/Kg	1.1	3.7	WIMODDRO	2 Mar 1998
Methyl Tert-Butyl Ether	< 0.016	< 0.019	mg/Kg	0.019	0.060	SW 8021B-E	26 Feb 1998
Benzene	< 0.014	< 0.017	mg/Kg	0.017	0.057	SW 8021B-E	26 Feb 1998
Toluene	< 0.013	< 0.016	mg/Kg	0.016	0.053	SW 8021B-E	26 Feb 1998
Ethylbenzene	< 0.013	< 0.016	mg/Kg	0.016	0.053	SW 8021B-E	26 Feb 1998
P,M-Xylenes	< 0.028	< 0.033	mg/Kg	0.033	0.11	SW 8021B-E	26 Feb 1998
O-Xylene	< 0.017	< 0.02	mg/Kg	0.020	0.066	SW 8021B-E	26 Feb 1998
1,3,5-Trimethylbenzene	< 0.011	< 0.013	mg/Kg	0.013	0.046	SW 8021B-E	26 Feb 1998
1,2,4-Trimethylbenzene	< 0.02	< 0.025	mg/Kg	0.025	0.078	SW 8021B-E	26 Feb 1998
The DPO CC chromategram door not	match the discal at	handand					

The DRO GC chromatogram does not match the diesel standard pattern.

pproved by:

All soil and water samples will be disposed of by MVTL 60 days following date of receipt. All waste samples (non-water, non-soil) will be returned 60 days following date of receipt.

N/T = Not Tested, N/A = Not Applicable, N/D = Not Detected

D = Detected below the LOQ.

Elevated Detection Limits:

- @ = Due to matrix interference.
- \$ = Due to sample quantity.
- # = Due to sample concentration.

J = Estimated below the LOQ.

+ = Due to extract volume.

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Report Date: 4 Mar 1998





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FINAL REPORT

BOB HACKENBERG GEO MGMT CONSULTANTS INC PO BOX 24260 MILWAUKEE WI 53224-0260

Project Name: Hentzen Coatings

Lab Number: 98-N274 Work Order #: 26-146 Lab Matrix: SL Account #: 030192 Date Sampled: 24 Feb 1998 11:40 Sampled By: Bill Davies Date Received: 25 Feb 1998 12:57

Temperature at Receipt: RECEIVED ON ICE Purchase Order Number: 97E50 Chain of Custody Number: 25888

Project Number: 97E50

Sample Desc: HDL-1/West 8'/Soil Container Integrity: Meets Standard, Sample Integrity: Meets Standard

	Wet	Dry					Test
	Result	Result	Unit	LOD	roð	Procedure	Date
DRO Extraction						WIMODDRO	27 Feb 1998
Percent Moisture	18	N/A	8	0.1	0.1	SW 5030	27 Feb 1998
Diesel Range Organics	1.6 J	1.9 J	mg/Kg	1.2	3.8	WIMODDRO	2 Mar 1998
Methyl Tert-Butyl Ether	0.037 J	0.045 J	mg/Kg	0.021	0.065	SW 8021B-E	26 Feb 1998
Benzene	< 0.015	< 0.018	mg/Kg	0.018	0.062	SW 8021B-E	26 Feb 1998
Toluene	0.021 J	0.026 J	mg/Kg	0.017	0.058	SW 8021B-E	26 Feb 1998
Ethylbenzene	< 0.014	< 0.017	mg/Kg	0.017	0.058	SW 8021B-E	26 Feb 1998
P,M-Xylenes	0.033 J	0.040 J	mg/Kg	0.036	0.12	SW 8021B-E	26 Feb 1998
0-Xylene	< 0.018	< 0.022	mg/Kg	0.022	0.072	SW 8021B-E	26 Feb 1998
1,3,5-Trimethylbenzene	0.014 J	0.017 J	mg/Kg	0.014	0.049	SW 8021B-E	26 Feb 1998
1,2,4-Trimethylbenzene	< 0.022	< 0.027	mg/Kg	0.027	0.085	SW 8021B-E	26 Feb 1998

Elevated detection limits for SW 8021B due to quantity of sample.



All soil and water samples will be disposed of by MVTL 60 days following date of receipt.

All waste samples (non-water, non-soil) will be returned 60 days following date of receipt.

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D = Detected below the LOQ. J = Estimated below the LOQ.

Elevated Detection Limits:

- @ = Due to matrix interference.
- \$ = Due to sample quantity.
- # = Due to sample concentration.

+ = Due to extract volume.

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 Chain-of-Custody:
 25888

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 414-768-7460+FAX
 414-764-0486

Page / of

(1) CLIENT: Hentzon (octings		(3) UST STATE	(5) MATRIX							(6) ANALYSIS REQUESTED (METHODS & DETECTION LIMITS))	LAB USE ONLY			
PROJECT NAME/#: 97ESO		WPDES																		WORK ORDER #:			
PROJECT MANAGER: 12.14.4-	-60	NPDES BCBA		<u> </u>											,	,	7	7			67.		
SAMPLER: Bill Davins	<u> </u>	PECFA	(4)):	NERS		TER		ĸ		N			. 1		.	/ /	/ /			r # <u>(/)(</u> = <u>//</u> 2	5198	
P.O. # 97850		OTHER 	AB MPOSITE				AW DUND	ASTE	STEWATE	HER	SERVATIC	No.										<u>\ ROI</u> RDER #:	
(2) SAMPLE IDENTIFICATION	DATE	TIME	5.6	5	0 #	SOI	GR	M	WA	ц	PRE	$/\sim$	19		/					(7)	REMAR	KS	
(1) HDL-1 /Base - 9.5	2-24-98	11:30 AM PM	×		2	×					м-04/4 • с	Х	Х							- 9X	Z-N2	13	
(2) HDL-1/ West - 8'		11:40 mpm	X,		2.	X					<u> </u>	X	X								NZ	14	
(3) HDL. / East - 8'		11:50 M	X	Net.	2	×					N.	$\mathbf{X}_{\mathbf{x}}$	X			х		<u>.</u>			NZ	75	
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OTHER SPECIAL INSTRUCTION	OTHER SPECIAL INSTRUCTIONS: Indice to Heatzen Conting, Inc Atta: Heis Heatzen 6937 W. mill Road Milbruhee WI										IN CASE WE HAVE QUESTIONS WHEN SAMPLES ARRIVE, MVTL								ŢĹ				
Srad original to GEO Ma	ngened	to, appro	<i>v</i> .1/	15	201	Q:	<u>, </u>			NA	ME: <u>Bob</u>	Hac	her	<u>Le</u> ,	<u>ک</u>	LAN .			PHC	DNE.#	354-76	00	
				<u></u>				1.15		SEN	ND REPOR	IS TO	J	<u>(-F</u>	0	16-	wse	mon	4				

APPENDIX E

North Hydraulic Lift Closure Soil Analytical Results



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FINAL REPORT

ROBERT HACKENBERG GEO MGMT CONSULTANTS INC PO BOX 24260 MILWAUKEE WI 53224-0260

Project Name: Hentzen Coatings, Inc. Sample Desc: NHDL Tank/6'/Soil

Container Integrity: Meets Standard, Sample Integrity: Meets Standard

Report Date: 19 Mar 1998 Lab Number: 98-N318 Work Order #: 26-167 Lab Matrix: SL Account #: 030192 Date Sampled: 4 Mar 1998 7:10 Sampled By: R. Hackenberg

Date Received: 6 Mar 1998 15:00

Temperature at Receipt: RECEIVED ON ICE Purchase Order Number: 97E50 Chain of Custody Number: 27296

Project Number: HDL/97E50

	Wet	Dry					Test
	Result	Result	Result Unit		roð	Procedure	Date
DRO Extraction						WIMODDRO	10 Mar 1998
Percent Moisture	2.1	N/A	*	0.1	0.1	SW 5030	10 Mar 1998
Diesel Range Organics	6.1	6.2	mg/Kg	0.97	3.2	WIMODDRO	11 Mar 1998
Benzene	< 0.014	< 0.014	mg/Kg	0.014	0.048	SW 8021-E	18 Mar 1998
Toluene	< 0.013	< 0.013	mg/Kg	0.013	0.045	SW 8021-E	18 Mar 1998
Ethyl Benzene	< 0.013	< 0.013	mg/Kg	0.013	0.045	SW 8021-E	18 Mar 1998
P,M - Xylenes	< 0.027	< 0.028	mg/Kg	0.028	0.094	SW 8021-E	18 Mar 1998
o-Xylene	< 0.017	< 0.017	mg/Kg	0.017	0.058	SW 8021-E	18 Mar 1998
Methyl tert-butyl ether	< 0.016	< 0.016	mg/Kg	0.016	0.055	SW 8021-E	18 Mar 1998
1,3,5-Trimethylbenzene	< 0.011	< 0.011	mg/Kg	0.011	0.039	SW 8021-E	18 Mar 1998
1,2,4-Trimethylbenzene	< 0.02	< 0.02	mg/Kg	0.020	0.070	SW 8021-E	18 Mar 1998
The DBO CC chrometerson deer not	motoh the diagol a	tandand					

chromatogram does not match the diesel standard pattern.

Other heavier hydrocarbons present after the DRO window.



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All waste samples (non-water, non-soil) will be returned 60 days following date of receipt.

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- @ = Due to matrix interference.
- \$ = Due to sample quantity.
- # = Due to sample concentration.

+ = Due to extract volume.

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

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MEMBER

WI DNR Lab Certification #241283020



LABORATORIES, Inc. 140 E. Ryan Road, Oak Creek, WI 53154-4599 414-764-7005 • FAX 414-764-0486 • 1-800-422-2195 WE ARE AN EQUAL OPPORTUNITY EMPLOYER

FINAL REPORT

ROBERT HACKENBERG GEO MGMT CONSULTANTS INC PO BOX 24260 MILWAUKEE WI 53224-0260

Project Name: Hentzen Coatings, Inc. Sample Desc: NHDL Lift/10.5'/Soil

Container Integrity: Meets Standard, Sample Integrity: Meets Standard

	Wet	Dry	Test				
	Result	Result	Unit	LOD	roð	Procedure	Date
DRO Extraction						WIMODDRO	10 Mar 1998
Percent Moisture	15	N/A	*	0.1	0.1	SW 5030	10 Mar 1998
Diesel Range Organics	3000	3500	mg/Kg	56	180	WIMODDRO	11 Mar 1998
Benzene	0.44	0.51	mg/Kg	0.016	0.055	SW 8021-E	18 Mar 1998
Toluene	1.8 J	2.1 J	mg/Kg	1.5	5.2	SW 8021-E	18 Mar 1998
Ethyl Benzene	1.4	1.7	mg/Kg	0.31	1.0	SW 8021-E	18 Mar 1998
P,M - Xylenes	7.0	8.2	mg/Kg	0.63	2.2	SW 8021-E	18 Mar 1998
o-Xylene	3.2	3.8	mg/Kg	0.40	1.3	SW 8021-E	18 Mar 1998
Methyl tert-butyl ether	< 0.016	< 0.019	mg/Kg	0.019	0.063	SW 8021-E	18 Mar 1998
1,3,5-Trimethylbenzene	1.0	1.2	mg/Kg	0.26	0.89	SW 8021-E	18 Mar 1998
1,2,4-Trimethylbenzene	0.99 J	1.2 J	mg/Kg	0.47	1.6	SW 8021-E	18 Mar 1998
The DDO GG shuses have does not							

The DRO GC chromatogram does not match the diesel standard

pattern.

Other heavier hydrocarbons present after the DRO window.

Other lighter hydrocarbons present before the DRO window.

pproved by:

All soil and water samples will be disposed of by MVTL 60 days following date of receipt.

All waste samples (non-water, non-soil) will be returned 60 days following date of receipt.

N/T = Not Tested, N/A = Not Applicable, N/D = Not Detected J = Estimated below the LOQ.

D = Detected below the LOQ.

Elevated Detection Limits:

- @ = Due to matrix interference.
- = Due to sample quantity.

= Due to sample concentration.

+ = Due to extract volume.

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Lab Number: 98-N319 Work Order #: 26-167 Lab Matrix: SL Account #: 030192 Date Sampled: 4 Mar 1998 6:50 Sampled By: R. Hackenberg Date Received: 6 Mar 1998 15:00

Temperature at Receipt: RECEIVED ON ICE Purchase Order Number: 97E50 Chain of Custody Number: 27296

Project Number: HDL/97E50

Report Date: 19 Mar 1998

MEMBER WI DNR Lab Certification #241283020

Page:

MVTL LABORATORIES, Inc. Page THE PEOPLE WE SERVE . . CARE ABOUT THE ENVIRONMENT Chain-of-Custody: 27296 140 EAST RYAN ROAD OAK CREEK WISCONSIN 53154 . 414-764-7005 1-800-422-2195 CLIENT SERVICES 414-768-7460 FAX 414-764-0486 (1) CLIENT: Hentzen Caatings, Inc. (3) UST LAB USE ONLY (5) MATRIX (6) ANALYSIS REQUESTED STATE (METHODS & DETECTION LIMITS) PROJECT NAME/#: HDL/97E50 WORK ORDER #: WPDES PROJECT MANAGER: R. Hackenberg NPDES RCRA SAMPLER: R. Hackenberg ACCT # 1/20195 CONTAINERS (4) GROUND WATER PECFA WASTE WASTEWATER PRESERVATION DATE 3-6-98. OTHER GRAB COMPOSITE TEMP NR NOT P.O. # 97E50 MVTL WORK ORDER # TYPE OTHER 100 # OF (DATE TIME (7) REMARKS (2) SAMPLE IDENTIFICATION 94-NBR 2 7:10 TIPM (1)NHOLTank-6' OUM = 0.0 (2) NHOLLift-10.5' 2 6:50 TPM N319 00M=900 AM/PM (3)والمتحقيقة ليجارح وترج AM / PM (4)AM/PM (5) AM/PM (6) AM/PM (7) AM/PM (8) RECEIVED BY TURNAROUND TIME IN WORKING DAYS REUNOUISHED BY DATE DATE NOBMAL 1 *2 *3 *4 *5 *6 *7 *8 *9 *10 -Karshra 1:34 FOR EXPEDITED TURNAROUND TIME CALL CLIENT SERVICES TO CONFIRM AVAILABILITY AT 414-768-7460 & Seager 3/6/98 2/15/16 16/ax 2:14 EXPEDITED RESULTS TO BE TRANSMITTED VIA: FAX PHONE FAX # _____ PHONE # P/L/98 10:00" TO AM / DATA PACKAGE OPTIONS AVAILABLE FOR A FEE AM/.... (PLEASE CIRCLE IF REQUIRED) PACKAGE A В AM/PM AM/ma SEE BACK FOR COMPLETE PACKAGE DESCRIPTIONS OTHER SPECIAL INSTRUCTIONS: Invoice Hentzen Cartings, Inc. IN CASE WE HAVE QUESTIONS WHEN SAMPLES ARRIVE, MVTL Atta: MI. Herb Hentzen 6937 N. MILL Road, Milw, WI LABORATORIES, INC. SHOULD CALL:

PHONE #

APPENDIX F

North Hydraulic Lift Boring Construction and Borehole Abandonment Logs

State of Wisconsin Department of Natural Resources

SOIL BORING	LOG	INFORMATION
Form 4400-122		Rev. 7-98

Route To

<u>e To:</u>	Watershed/Wastewater	M D	Vaste Ma	nagen	nent 🔲
	Remediation/Revelopme	int 🛛	Other		

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Route To:

<u>: To:</u>	Watershed/Wastewater 🔲 Waste Management	
	Remediation/Revelopment 🛛 Other 🔲	

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Route To: Watershed/Wastewater 🗌 Waste Management 🔲 Remediation/Revelopment 🕅 Other

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State of Wisconsin Department of Natural Resources

SOIL BORING	LOG	INFORMATION
Form 4400-122		Rev. 7-98

Route To:

To: Watershed/Wastewater Waste Management Remediation/Revelopment X Other

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Route To:

o: Watershed/Wastewater 🗌 Waste Management 🗌 Remediation/Revelopment 🕅 Other 🔲

Facility/Project Name License/Permit/Monitoring Number Boring Number Hentzen (octings, Inc. Boring Drilled By: Name of crew chief (first, last) and Firm License/Permit/Monitoring Number Boring Number Boring Drilled By: Name of crew chief (first, last) and Firm Date Drilling Started Date Drilling Completed Drilling Method First Name: Alec Last Name: Inc. Inc. Inc. Inc. Boring Number Date Drilling Completed Drilling Method Firm: North Shore Drilling, Inc.															rage		_ or	_/		
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This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to fi	This f	form is	autho	prized 1	by Chapters 281	, 283, 289, 291, 292,	293, 29	5, and	299, V	Vis. Sta	its. Co	mpleti	on of	this fo	rm is r	nandat	ny. F	aihire to file		

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Route To:

Form 4400-122

Rev. 7-98

Watershed/Wastewater 🔲 Waste Management 🔲 Remediation/Revelopment 🛛 Other 🔲

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State of Wisconsin Department of Natural Resources

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SOIL BORING	LOG	INFORMATION
Form 4400-122		Rev. 7-98

Route To:	Watershed/Wastewater		Waste Ma	nagement	
	Remediation/Revelopme	nt	X Other		

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SOIL BORING	LOG	INFORMATION
Form 4400-122		Rev. 7-98

Route To:	Watershed/Wastewater	\Box	Waste Management	
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SOIL BORING	LOG	INFORMATION
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Route To:	Watershed/Wastewater 🔲 Waste Manageme	ent 🔲
	Remediation/Revelopment 🔀 Other 🔲	

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Route To:

SOIL BORING	LOG	INFORMATION
Form 4400-122		Rev. 7-98

	Form 4400-		5v. 7-9
Watershed/Wastewater	Waste Management 🗌		
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7	24		E	0110		c DI	3' dry			· · ·	$\langle \rangle$								
	<u>~/</u>		E.	3"30	ena rong									1					
8	24		E15	aso	above										V	1			
			E'	End	of Bol	ringle	P16feet	-											-
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		1	E																
-	1	I	F												<u> </u>	<u> </u>			

hereby certify that the information on this form is true and correct to the best of my knowledge.

<u>num</u>

ED Management Consultants, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

WELL/DRILLHOLE/BOREHOLE ABANDONMENT Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACIL	ITY NAME		a da se antiga de la companya de la				
Well/Drillhole/Borehole	County	Original W	ell Owner (If	Known)					
Location B-1	MILWAUKEE		Hentzen Coa	tings, Inc.					
an		Present We	Il Owner						
SE_ 1/4 of SW_ 1/4 of Sec. 27	; TN; R W	san Streat or D	le			no <u>-</u>			
	Child Number	SUCCION N	6037 M	/ Mill Dood					
Grid Location	Ond Numoca	City State	Zin Code	· Milli Koau	na distribute adalah persentak na serang pan angan dan menangkan selah kerepatan persebut	51-22-			
		Caty, Onno,	Milwauke	a	021				
Civil Town Name		Facility We	Il No. and/or	Name (If Applicat	le) WI Unique W	ell No.			
Milwaukee		B-1			NA				
Street Address of Well		Reason For	Abandonme	at					
6937 W. Mill Road		Soil Borin	g						
City, Village		Date of Ab	andonment		and a second second second and the second	an Seathanna Airte			
Milwaukee	·		•	8/4/98					
WELL/DRILLHOLE/BOREHOLE	INFORMATION								
(3) Original Well/Drillhole/Borehole	Construction Completed On	(4) Depth K	Water.(Feet) <u>12</u>		2149.00			
(Date) <u>8/4/98</u>		Pump &	Piping Rem	oved? 🔲 Yes	Not Aj	plicable			
		Liner(s)	Removed?	Yes	No No A	plicable			
Monitoring Well	Construction Report Available?	Screen	Removed?		No 😡 Not A	plicable			
Water Well	X Yes L No	Casing	Left in Place?	Yes	No No				
	i	li No, E	xplain		an a				
X Borchole		WestCo	in Cu Off	Delow Curfeen?		1.3.78.5 1.70			
Construction Thread			ling Material	Dice to Surface?					
Drilled The Duture		Did Ma	terial Settle A	fter 24 Hours?					
V Other (Specify) Company		If Yes	Was Hole R	letopped?					
The outer (opening) <u>Geoptime</u>		76 0	114 4 1 1 1	M					
Formation Type:		(5) Require	d Method of	Placing Scaling M	alenal				
Unconsolidated Formation	Bedrock		fuctor Pipe-G	iravity Con	ductor Pipe-Pumped				
m . 1			p Bailer Materiala		er (Explain)				
(Erom (roundaurface)	Casing Diameter (II.)		Matchiais		For monitoring wells	and only			
(From groundsurface)			Cement (Co	ui morrata) Growit	montoring went souch	anes tany			
Lower Drillhole Dismeter (in)			crete		Rentonite Pallets				
			-Sand Shurry		V Granular Restoration	5			
Was Well Annular Space Grouted	1? 🔲 Yes 🗌 No 🗌 Unknown		tonite-Sand S		Bentonite Cemen	a Grout			
If Yes, To What Depth?	Feet	Chipped Bentonite							
7) Material Lisad To Hi		English (Et)	Το Φίλ	No. Yards.	Circle Mix Re	uio			
		rion (r.)	10 (FL)	or Yolume	One) or Mud W	'eight			
Bentonite		Surface	20	0.43					
		· .			alasonalizational and all all all and a second strategy and a second strategy and a second strategy and a second	and the second second and and and			
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		0	0	0					
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		0	· 0	0					
8) Comments:		and the second second second second		an al an		81702122348			
- ••••••••••••••••••••••••••••••••••••				a ser an 	ana mananina di kata na	and a subscripting the space			
(9) Name of Person or Firm Doing Sea	aling Work	((10))	FOR	DNR OR COUN	TY USE ONLY				
CEO Managament Consultants	Inc	Date	Received/In	specied	District/County	Construction of the			
Signature of Person Doing Work	Date Signed				1				
osill an	1/20/99	Res	ower/Inspecto	OF	Complying W	(0) <u>k</u>			
Street or Route	Telephone Number				Noncomplyin	g Weak			
9321 N. 107th Street	(414) 354-7600	Foll	ну-ир Necess	ary	1				
lity, State, Zip Code					<u> </u>	and the second			
Milwaukee	WI 53224-0260]							

WELL/DRILLHOLE/BOREHOLE ABANDONMENT Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION	·····	(2) FACIL	ITY NAME		
Well/Drillhole/Borcholc	County	Original W	ell Owner (If	Known)	·····
Location B-2	MILWAUKEE		Hentzen Coa	tings, Inc.	
	ÍXI E	Present We	11 Owner		
SE_ 1/4 of SW_ 1/4 of Sec. 2'	⁷ ; T. ⁸ N; R. <u>21</u> W	. sam	e		
(If applicable)		Street or Ro	rute		
Gov't Lot	Grid Number	1	6937 W	/. Mill Road	
Grid Location		City, State,	Zip Code		
$\hat{\mathbf{h}} \square \hat{\mathbf{N}} \square \hat{\mathbf{S}}$			Milwaukee		WI
Civil Town Name		Facility We	II No. and/or	Name (If Applicable)	WI Unique Well No.
Milwaukee		B-2	•		NIA
Street Address of Well		Reason For	Abandonme	nt	
6937 W. Mill Road		Soil Borin	σ		
City Village		Date of Ab	mdonment		<u></u>
Milwaukee		Date of 180		8/7/98	
WELL OPILI HOLE/RODEHOLE	INFORMATION	ļ			
(3) Original Well/Orillhole/Borghole	Construction Completed On	(d) Depth to	Water (Feet	12	* *
	Construction Complete On	(v) Depui u	D'ala D		No. Not Applicable
(Date) $8/7/98$		Pump &	Piping Kem		No Mot Applicable
		Liner(s)	Kemoved?	Yes 📋	No Not Applicable
Monitoring Well	Construction Report Available?	Screen	Removed?		No Not Applicable
Water Well	Yes INo	Casing	Left in Place	Yes	No
Drillhole		If No, E	xplain		
X Borchole					
		Was Ca	sing Cut Off	Below Surface?	Yes No
Construction Type:		Did Sca	ling Material	Rise to Surface?.	Yes 🗌 No
Drilled Driver	n (Sandpoint) Dug	Did Ma	terial Settle A	After 24 Hours?	Yes No
Other (Specify) <u>Geoprobe</u>		If Yes	, Was Hole R	letopped?	Yes 🔲 No
		(5) Require	d Method of	Placing Scaling Material	······································
Formation Type:					Bin Dominal
Unconsolidated Formation	Bedrock		nuctor ripe-o		r ripe-rumpea
			p Baller	Uner (E	xplain)
Total Well Depth (ft.) 20	Casing Diameter (in.) U	(b) Sealing	Materials	Form	ionitoring wells and
(From groundsurface)	Casing Depin (IL) 0		Cement Gro	ut monit	oring well boreholes only
	•		I-Cement (Co	ncrete) Grout	
Lower Drillhole Diameter (in.)	2		crete	Be	ntonite Pellets
			-Sand Slurry		anular Bentonite
Was Well Annular Space Grouted	3? Yes No Unknown		ionite-Sand S	Ішту Ц Ве	entonite - Cement Grout
If Yes, To What Depth?	Peet		ped Bentonit	e	
			,		
7) Material Used To F	ill Well/Drillhole	From (Et)	To (Ft.)	Sacks Sealant (Circle	Mix Ratio
		11011 (11.)	10 (11.)	or Volume One)	or Mud Weight
Bentonite		Surface	20	0.43	
		Į		0110	
		0	0	<u> </u>	
		1 0	1 0	0	
		ļ		· · · · · · · · · · · · · · · · · · ·	
			- n	0	
() Commenter		<u> </u>			1
o) Comments:					
(0) Name of Damos of Pine Daise C	aling Work			****	
(9) Name of Person of Firm Doing Se	aning work	3,010,0	FOR	ONR OKCOUNTIL	55 UNLA
GEO Management Consultants	Inc.		Received/iff	specteo Di	stretteomity
Signature of Person Doing Work	Date Signed				
- Wall U			CSW (CF) (ALL PLACE)		Country and work
Street or Koute	Telephone Number				Noncomplying Work
9321 N. 107th Street	414 354-7600		w-up Neces	sary	
City, State, Zip Code					
Milwaukee	WI 53224-0260	1			

WELL/DRILLHOLE/BOREHOLE ABANDONMENT Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, vhichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION	(2) FACILITY NAME
Well/Drillhole/Borchole County	Original Well Owner (If Known)
Location B-3 MILWAUKEE	Hentzen Coatings, Inc.
X E	Present Well Owner
SE 1/4 of SW 1/4 of Sec. 27 . T 8 N:R. 21	same
(If applicable)	Streat or Posite
Gov't Lot Grid Number	6937 W. Mill Road
Grid Location	City, State, Zip Code
$\mathbf{h} \square \mathbf{N} \square \mathbf{S} = \mathbf{h} \square \mathbf{E} \square \mathbf{W}$	Milwaukee WI
Civil Town Name	Healing Well No. and/or Name (If Applicable) WI Unique Well No.
Milwankee	Pacific weit 140, and/or Hanne (if Applicable) WI Unique Weit 140.
Milliauree	$- \frac{B-3}{-}$
Street Address of Well	Reason For Abandonment
6937 W. Mill Road	Soil Boring
City Village	Date of Abandonment
Milwaukoo	8/7/98
	0/1/20
WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole/Borehole Construction Completed On	(4) Depth to Water (Feet) 12
(Deta) 0/7/00	Pump & Pining Removed? TYes No IN Not Applicable
(L'auc) <u>8///98</u>	
I	Liner(s) Kemoved?
Monitoring Well Construction Report Available?	Screen Removed? Yes Vot Applicable
Water Well Ves No	Casing Left in Place? TYes TNo
Drillhola	If No Evolain
X Borehole	
	Was Casing Cut Off Below Surface? Yes No
Construction Type	Did Sealing Material Rise to Surface?.
Dillad Dug	Did Matarial Saula Aftar 24 Haura 2
Driven (Sandpoint)	Did Material Settle Alter 24 Hours?
V Other (Specify) Geoprobe	If Yes, Was Hole Retopped? Yes No
	(5) Required Mathed of Placing Section Material
Formation Type:	(5) Required Method of Flacing Scaling Material
	Conductor Pipe-Gravity Conductor Pipe-Pumped
VI Unconsolidated Formation LI Bedrock	Dump Bailer (Evalain)
	Contraction Material
Total Well Depth (ft.) 13 Casing Diameter (in.) 0	(0) Sealing Materials For monitoring wells and
(From groundsurface) Casing Depth (ft.)	Neat Cement Grout monitoring well boreholes onl
	Sand-Cement (Concrete) Grout
Louise Defilie In Discontra (In)	
Lower Dillinoie Dillineter (in.) 2	Bentonite Penets
	Clay-Sand Shurry
Was Well Annular Space Grouted? Yes No Unknown	Bentonite-Sand Slurry Bentonite - Cement Grout
If Vac To What Denth?	Chinned Bentonite
It ies, io what Depuir reet	
7)	-No. Yards. (Circle Mix Ratio
Material Used To Fill Well/Drillhole	From (FL) To (FL) Sacks Sealant One) or Mud Weight
	or youme
Bentonite	Surface 15 0.33
8) Comments:	
(9) Name of Person or Firm Doing Sealing Work	(40) FOR DNR OR COUNTRY USE ONLY
	Danis Dennistrative and the second seco
GEO Management Consultants, Inc.	- Laster Verence Leaster Annual
Signature of Person Doing Work Date Signed	
0.1/1/20/99	Reviewer/Inspector Complying Work
Street or Route	1 Hanzamatoine Work
	Lad Average Aug Average
9321 N. 107th Street 414 / 354-7600	L CURRA-AD INCCOREARY
City, State, Zip Code	
Milwaukee WI 53224-0260	

WELL/DRILLHOLE/BOREHOLE ABANDONMENT Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION	(2) FACILITY NAME				
Vell/Drilhole/Borehole County	Original wen Owner (It Known)				
Bed MILWAUKEE	Hentzen Coatings, Inc.				
SE_ 1/4 of SW 1/4 of Sec. $\frac{27}{3}$; T. $\frac{8}{3}$ N; R. $\frac{21}{3}$ W	resent well Owner same				
(If applicable)	Street or Route				
0 Gov't Lot Grid Number	6937 W. Mill Road				
Grid Location	City, State, Zip Code				
$\mathbf{h} \square \mathbf{N} \square \mathbf{S}, \mathbf{h} \square \mathbf{E} \square \mathbf{W}.$	Milwaukee WI				
Civil Town Name	Facility Well No. and/or Name (If Applicable) WI Unique Well No.				
Milwaukee	B-4				
Street Address of Well	Reason For Abandonment				
6937 W Mill Boad	Soil Baring				
City Village	Date of Abandonment				
Milwaukee	8/7/98				
WELL/DRILLHOLE/BOREHOLE INFORMATION					
(3) Original Well/Drillhole/Borehole Construction Completed On	(4) Depth to Water (Feet) 12				
(Date) $8/7/98$	Pump & Piping Removed? Yes No V Not Applicable				
() <u></u>	Liner(s) Removed?				
Monitoring Well Construction Report Available?	Screen Removed?				
	Casing Left in Place?				
N Dentale					
TA DOICHOIC	Was Caring Out Off Relow Surface? Ves No				
Construction Therese	Did Seeling Material Dice to Surface?				
Construction Type:	Did Matarial Sattle After 24 Hours?				
Driven (Sandpoint)	If Vas Was Hole Ratermad?				
XI Other (Specuy) Geoprobe					
France and an Wester	(5) Required Method of Placing Sealing Material				
Formation Type:	Conductor Pipe-Gravity Conductor Pipe-Pumped				
X Unconsolidated Formation L Bedrock	Dump Bailer Other (Explain)				
Total Well Depth (ft.) 16 Casing Diameter (in.) 0	(6) Sealing Materials For monitoring wells and				
(From groundsurface) Casing Depth (ft.)	Neat Cement Grout monitoring well boreholes only				
	Sand-Cement (Concrete) Grout				
Lower Drillhole Dismeter (in)					
	Clav-Sand Shurry				
Was Well Annular Space Grouted? Yes No Unknown	Bentonite-Sand Slurry				
If Yes To What Depth?	Chinned Bentonite				
7)	-No.Yards. (Circle) Mix Patio				
Material Used To Fill Well/Drillhole	From (Ft.) To (Ft.) Sacks Sealant (Citere One) or Mud Weight				
	Dr yolume				
Bentonite	Surface 16 0.35				
	+				
	0 0 0				
	·				
8) Commenter					
of conditions.	······································				
(9) Name of Person or Firm Doing Sealing Work	KIN WARANTA TATA TATA TATA TATA TATA TATA TAT				
(3) Name of Person of Philip bound boards work	TO POR DAR OR COORT OUT OT DA				
GEO Management Consultants, Inc.	- Case Verence Control				
Signature of retroit Doing Work					
	- Combine More				
Succi of Koule leiphone Number					
9321 N. 107th Street 414 354-7600	- ronow-up recessary				
city, State, Zip Code					
Milwaukee WI 53224-0260					

53224-0260

WELL/DRILLHOLE/BOREHOLE ABANDONMENT Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACIL	ITY NAME			
Well/Drillhole/Borehole	County	Original W	ell Owner (lf	Known)	,	
Location B-5	MILWAUKEE		Hentzen Coa	tings, Inc.		
		Present We	ll Owner			
SE_ 1/4 of SW_ 1/4 of Sec. 2	T. 8 N; R. 21	. sam	ie			
(If applicable)		Street or Re	nite			
0 Gow't Lot	Grid Number		6937 W	/ Mill Road		
Crid Leastion	Gird Hunou	City State	7in Code		· · · · · · · · · · · · · · · · · · ·	
		City, State,	Zip Cone			
<u> </u>	<u> </u>		Milwaukee	<u>}</u>	<u>WI</u>	
Civil Town Name		Facility We	ll No. and/or	Name (If Applicable)	WI Unique Well No.	
Milwaukee		B-5			NA	
Street Address of Well		Reason For	Abandonme	nt		
6937 W. Mill Road		Soil Borin	er .			
City Village		Date of Ab	andonment		· · · · · · · · · · · · · · · · · · ·	
Milwankaa				8/7/98		
	TITIOTIC CARGONI	l				
WELL/DRILLHOLE/BOREHOLE	INFORMATION					
(3) Original Well/Drillhole/Borehole	Construction Completed On	(4) Depth to	Water.(Feet) 0		
(Datc) $8/7/98$		Pump &	Piping Rem	oved? Yes	No 🔽 Not Applicable	
	·	Liner(s)	Removed?		No IV Not Applicable	
Monitoring Wall	Construction Report Available?	Screen I	Removed?		No Not Applicable	
		Caping	aft in Place		Nor Applicable	
	LA Yes LI No	TENT. T			No	
Drillhoic		II NO, E	xpiain		<u> </u>	
X Borchole		·				
		Was Ca	sing Cut Off	Below Surface?	Yes 🗌 No	
Construction Type:		Did Sea	ling Material	Rise to Surface?.	Yes No	
Drilled Driver	(Sandnoint) Dug	Did Ma	terial Settle A	fter 24 Hours?	Yes T- No	
VI Other (Sneeify) Guide		If Yes	Was Hole R	letopped?	Vet II No	
Geoprobe		11100	, *****			
-		(5) Require	d Method of	Placing Scaling Material		
Formation Type:			hector Pine-G	Conducto	r Pine-Pumped	
V Unconsolidated Formation	Bedrock	Dum Bailer Other (Fralsin)				
			p Baller			
Total Well Depth (ft.) 4.1	Casing Diameter (in.) _0	(6) Sealing Materials For monitoring wells and				
(From groundsurface)	Casing Depth (ft.)	Neal Neal	Cement Gro	ut monit	oring well boreholes only	
	• • •	Sand	I-Cement (Co	ncrete) Grout		
Lower Drillhole Diameter (in.)			crete	🗌 Ве	ntonite Pellets	
· · · · · · · · · · · · · · · · · · ·			-Sand Shurry	i 🔽 Gr	anular Bentonite	
Wee Well Annular Space Groute	Ver No C Ibbrown		conita Cond C		ntonita Comont Grout	
		Bentomite - Cement Orout				
If Yes, 10 what Depth?	Feet .		ped Bentonil	e		
		<u> </u>				
(7) Material Hand To B	11 117-11 (1)-2111-1-			No. Yards. (Circle	Mix Ratio	
Material Used TO P		From (Ft.)	10 (Ft.)	or Volume One)	or Mud Weight	
······································						
Bentonite		Surface	4.1	0.09		
			0	0		
	······································	· · · · · ·		<u> </u>		
			0			
		U	0	U		
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		0	· 0	0		
(8) Comments:						
				······································		
(0) Name of Parson or Firm Dain - Sa	aling Work	874 7413		NIN DODING AND DO	NEW AND	
(3) Name of Poison of Phill Doing Sc	ung work		E COR	DAR OR COUNTIN	SE ONE 1	
GEO Management Consultants.	Inc.	Date	Keceived/In	spected Di	struct/Caputity	
Signature of Person Doing Work	Date Signed					
Will al	1/20/89	Revi	ewer/inspect	OF	Complying Work	
Street or Route	Telephone Number	1 1		IT	Noncomplying Work	
0321 N 10746 Stand	(111) 354 7600	ELANT.	W.un Norse	anv		
City State Zip Code				~ ∕		
city, suite, zilt Cook						
Milwaukee	WI 53224-0260]				

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) CENEDAL INFORMATION		D D BACU	TTY NAME	•	· · · · · · · · · · · · · · · · · · ·
(1) GENERAL INFORMATION				·	
Well/Drillhole/Borehole	MUNATIZED	Original W	en Owner (n	Khowij	
Locadon B-6	MILWAUKEE		Hentzen Coa	atings, Inc.	
	IXI.	E Present We	ll Owner		
SE_ 1/4 of SW 1/4 of Sec. 2	T. 8 N.R. 21	w san	ıe		
(If emplicable)		Streat or P	cante	·····	
		Duçua di It			
Gove Lot	Grid Number		6937 V	V. Mill Road	· · · · · · · · · · · · · · · · · · ·
Grid Location		City, State	Zip Code		
$ft \square N \square S$.		7.	Milwauke	e	WI
Civil Town Name		Facility We	II No and/or	Name (If Applicable)	WI Unique Well No
Milwaukee		I doubly the		riane (ir rippileasie)	WI OINque Wen No.
		B-6			<u>NA</u>
Street Address of Well		Reason For	Abandonme	at	-
6937 W. Mill Road		Soil Borin	g	•	
City Village		Date of Ab	andonment		
Milwaukaa		2		8/7/98	
Milwaukee				8/1/28	
WELL/DRILLHOLE/BOREHOLE	INFORMATION				
(3) Original Well/Drillhole/Borehole	Construction Completed On	(4) Depth to	Water.(Feet) 12	
		Thomas d	Dining Dom		No - Not Applicable
(Date) $8/7/98$		- Pump o	c Piping Kem		No Appleable
	•	Liner(s)	Removed?	🗌 Yes 🔲	No Not Applicable
Monitoring Well	Construction Report Available?	Screen	Removed?		No Not Applicable
Water Wall		Casing	Left in Place		N N
	LAN ICS LINO	TCM.			NO
Dumoie		II NO, E	xpian		
W Borehole					
		Was Ca	sing Cut Off	Below Surface?	Yes No
		Dias			
Construction Type:		Dig Sea	ling Material	Rise to Surface?	
Drilled Driver	(Sandpoint) UDug	Did Ma	terial Settle A	After 24 Hours?	Yes 🔽 No
V Other (Specify) Geoprohe		If Yes	, Was Hole F	Retopped?	Yes T No
The content (optional) <u>Geoprope</u>		- <u> </u>			
·····		(5) Require	d Method of	Placing Scaling Materia	1
Formation Type:		El Com	ductor Dine (Searchast Conduct	or Dina Dumnad
V Unconsolidated Formation	Bedrock		uddor Fipe-C		or ripe-rumped
78			np Bailer	Other (E	(xplain)
Total Well Depth (ft.) 18	Casing Diameter (in.) 0	(6) Sealing	Materials	For r	nonitoring wells and
(From groundsurface)	Casing Depth (ft.)		t Cement Gro	nut moni	toring well boreholes only
(I Ivin Brouksmiter)					toring wen borenoies only
			d-Cement (Co	oncrete) Grout	
Lower Drillhole Diameter (in.)	· · · · · ·	Con	crete .	B	entonite Pellets
	<u> </u>		z-Sand Shurry	ं चित	ranular Bentonite
Wee Well Accular Sugar Course			American Cound C		
was well Annular Space Grouted			tonite-Sand S		entonite - Cement Grout
If Yes, To What Depth?	Feet	Chij	oped Bentoni	te	
(7)			T T	No: Yards,	1
Material Used To F	11 Well/Drillhole	From (Ft.)	To (Ft.)	Sacks Sealant (Circle	Mix Ratio
			(-,)	or Volume One)	of Mud weight
Pontonito		Sumfran	10		
Demonate		Surface	18	0.39	1
		`			
		0	0	0	
		0	0	0	
					1
		0	· 0	0	
8) Comments:		11000 million (1000 million			
(9) Name of Person or Firm Doing Sea	ling Work	(10)	FOF	CONK OR COUNTY	USE ONLY
CEO Management Construction	I	Dail	Received/In	specied ID	istrict/County
Signature of Derson Doing Wood	IDate Signed				
Signature of cersoit Doulig work	L'ale Signed				
a) de lut	1/0/18	Kev	iower/inspect	о л	Combining work
Street or Route	Telephone Number			li l	Noncomplying Work
9321 N 107th Streat	(11) 354 7600	Ball	Wallts Nacas	CREV	
City State 7 - Cala				~ ∕	
ony, suite, Ap Code					
Milwaukee	WI 53224-0260				

WELL/DRILLHOLE/BOREHOLE ABANDONMENT Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACIL	ITY NAME		
Well/Drillhole/Borehole	County	Original W	ell Owner (If	Known)	
Location B-7	MILWAUKEE		Hentzen Coa	atings, Inc.	
	X E	Present We	ll Owner		
SE_ 1/4 of <u>SW</u> 1/4 of Sec. 27	; T. 8N; R. 21	. sam	e		
(If applicable)		Street or Ro	Pute		
0 Gow't Lot	Grid Number		6937 V	Mill Road	
Crid Leastion		City State	Zin Code	. Min Koau	
		City, State,	Zip Code		
<u> </u>	<u> </u>		Milwauke		WI
Civil Town Name		Facility We	ll No. and/or	Name (if Applicable)	WI Unique Well No.
Milwaukee		B-7			
Street Address of Well		Reason For	Abandonme	nt	
6937 W. Mill Road		Soil Borin	g		
City, Village		Date of Ab	andonment		
Milwaukee				11/5/98	
WELL ODILL HOLE BODEHOLE	NEODMATION	<u> </u>			k
WELL/DRILLHOLE/BOKEHOLE I	NFORMATION				****
(3) Uriginal Well/Drillnole/Borehole	construction Completed Un	(4) Depth to	water.(reet) <u>12</u>	
(Date) 10/9/98		Pump &	Piping Rem	oved? Yes	No 🙀 Not Applicable
······································		Liner(s)	Removed?		No Not Applicable
Monitoring Well	Construction Report Available?	Screen I	Removed?		No Not Applicable
Water Wall		Casing l	Left in Place		N.
Drillhola	LA 165 Lad 140	If No E	mlain		NO
					· · · · · · · · · · · · · · · · · · ·
N Borchole		1	1.0.000		xy
· · · · · · · · · · · · · · · · · · ·		Was Ca	sing Cut Off	Below Surface?	Yes No
Construction Type:		Did Sea	ling Material	Rise to Surface?	Yes 🔲 No
Drilled Driven	(Sandpoint) Dug	Did Ma	terial Settle A	after 24 Hours?	Yes 🔽 No
Other (Specify) Geonrohe		If Yes	, Was Hole F	letopped?	Yes 🗍 No
	·····	75) Decision		Masing Cashing Material	
Formation Type:		(5) Require	a method of	Placing Scaling Materia	
VI Unconsolidated Formation	Bedrock	X Cond	luctor Pipe-C	iravity Conducto	r Pipe-Pumped
Official Solution Formation	D Berlock	🗌 Dum	p Bailer	🗌 Other (E	xplain)
Total Well Depth (ft.) 16 (Lasing Diameter (in.) 0	(6) Sealing Materials For monitoring wells and			
(From groundsurface)	Lasing Depth (ft.)	Neat Cement Grout monitoring well borcholes only			
(V		-Cement (Co	increte) Growt	
Lower Drillhole Diameter (in)			orata		mtonite Dallate
					intonuce Fenets
			-Sand Sturry		anular Bentonite
Was Well Annular Space Grouted	? Yes No Unknown		ionite-Sand S		entonite - Cement Grout
If Yes, To What Depth?	Feet	Chip	ped Bentoni	le .	
·					
7)				No. Yards. (Cimia	Mix Patio
Material Used To Fil	l Well/Drillhole	From (Ft.)	To (Ft.)	Sacks Sealant One)	or Mud Weight
· · · · · · · · · · · · · · · · · · ·		<u> </u>			
Bentonite		Surface	16	0.35	
		ļ			
		0	0	0	
		0	U	0	
		1			1
		0	· 0	0	l
8) Comments:		and the first start that a second		1	
of Collineations.	······································		······		
	1 XI 7				
(9) Name of Person or Firm Doing Sea	ung work	(10)	FOR	ONK OR COUNTY U	ISE ONLY
GEO Management Consultante	Inc.] Date	Received/In	specied Di	strict/County
Signature of Person Doing Work	Date Signed] 🛛 🚺			
G(V)	1/20/59	Revi	ower/inspect	or 🗌 🗖	Complying Work
Street or Route	Telephone Number	1 💵		H	Noncomplying Work
0321 N 1074 Stanst	(114) 354 7600	CAT	W-IIT Nocas	in the second	
Situ State Tin Code	1 414 334-7000	┥ ▮▓▓		~ /	
City, State, And Cours					
Milwaukee	WI 53224-0260	F			

WELL/DRILLHOLE/BOREHOLE ABANDONMENT Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) OBMERAL INFORMATION				·····	
(1) GENERAL INFORMATION	Contraction	(2) FACIL		Variation	· · · · · · · · · · · · · · · · · · ·
Well/Drillhole/Borehole		Original W	ell Owner (II	Known)	
B-8	WILLWAUKEE		Hentzen Coa	itings, Inc.	
	7 · 8 · · · 21 XE	Present We	ll Owner		
$\underline{\text{SE}} \frac{1}{4} \text{ of } \underline{\text{SW}} \frac{1}{4} \text{ of } \underline{\text{Sec.}} \underline{2}$	<u>, ; T. N; R. 21</u> W	sam	ie		
(If applicable)		Street or Ro	oute		
0 Gov't Lot	Grid Number		6937 W	/. Mill Road	
Grid Location		City, State,	Zip Code		
$ft \prod N \prod S.$			Milwaukee	•	WI
Civil Town Name		Facility We	ll No. and/or	Name (If Apolicable)	WI Unique Well No.
Milwaukee		B-8	•		NT A
Street Address of Well		Resson For	Abendonme	nt	
6037 W Mill Dood		Soil Rowin	a sound of the second s	H 4	
Con Villes-		Son Dorm	g 		······
Chy, village		Date of Ao	andomnent	11/5/00	
Milwaukee				11/3/38	· · · · · · · · · · · · · · · · · · ·
WELL/DRILLHOLE/BOREHOLE	INFORMATION				
(3) Original Well/Drillhole/Borehole	Construction Completed On	(4) Depth to	Water (Feet) <u>12</u>	
(Datc) 10/9/98		Pump &	Piping Remo	oved? 🗌 Yes 🔲	No 🔽 Not Applicable
		Liner(s)	Removed?		No Not Applicable
Monitoring Well	Construction Report Available?	Screen l	Removed?		No w Not Applicable
Water Well		Casing]	Left in Place?		No
Drillhole		If No. E	xolain		NO
Translate					
TXI Dorenoie		WasCa	ing Cut Off	Ralow Sweface?	Yes No.
		Was Ca			
Construction Type:		Did Sea	ing Material	Rise to Surface?	
Drilled Driver	n (Sandpoint) L Dug	Did Ma	terial Settle A	Itter 24 Hours?	I CS X NO
Other (Specify) <u>Geoprobe</u>		lf Yes	, Was Hole R	letopped?	Yes 🔲 No
		(5) Require	d Method of	Placing Scaling Materia	
Formation Type:	· · · · · · · · · · · · · · · · · · ·		huston Dine G		w Ding Dumpad
Unconsolidated Formation	Bedrock		notor ripero		H ripe-rumped
			p Baller		xplain)
Total Well Depth (ft.) 10	Casing Diameter (in.)	(o) Sealing	Materials	For n	ionitoring wells and
(From groundsurface)	Casing Depth (ft.)		Cement Gro	ut moni	toring well boreholes only
		Sand	l-Cement (Co	ncrete) Grout	
Lower Drillhole Diameter (in.)	2		crete .		entonite Pellets
	· · · · · · · · · · · · · · · · · · ·	🔰 🔲 Clay	-Sand Sturry	X G	ranular Bentonite
Was Well Annular Space Grouted	1? 🔲 Yes 🗌 No 🗌 Unknown	Beni	tonite-Sand S	lurry 🗖 Be	entonite - Cement Grout
If Yes, To What Depth?	Feet	Chir	ped Bentonit	ie i	
	· · · · · · · · · · · · · · · · · · ·		-		
7)				No. Yards, (Cimle	Mix Patio
Material Used To F	ill Well/Drillhole	From (Ft.)	To (Ft.)	Sacks Sealant One)	or Mud Weight
		<u></u>		or volume	
Bentonite		Surface	16	0.35	
		<u> </u>	0		
			0	U	· · · · · · · · · · · · · · · · · · ·
		0	0	0	
				· · ·	
		<u> </u>	.0		
8) Comments:	• •				
				·····	
(9) Name of Person or Firm Doing Se	aling Work	((0))	FOR	DNR OR COUNTY L	SE ONLY
CEO Management Consultante	I	Date	Received//m	specied Di	strict/County
Signature of Person Doing Work	Date Signed	1 1			
All (L'	1/20/99	Revi	ower/inspect	or	Complying Work
Street or Route	Telephone Number	1		l - l -	Noncomplying Work
0221 NI 1074L Stars 4	(414) 354 7600	GAT	Worm Nacher	env.	
7321 IV. 10/IN Street	414 334-7000			~ /	
stry, state, zrp cous					
Milwaukee	wi <u>53224-0260</u>	I			

WELL/DRILLHOLE/BOREHOLE ABANDONMENT Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

					····	
(1) GENERAL INFORMATION		(2) FACIL	ITY NAME			
Well/Drillhole/Borehole	County	Original W	ell Owner (If	Known)		
Location B-9	MILWAUKEE		Hentzen Coa	atings, Inc.		
	X E	Present We	ll Owner			
SE. 1/4 of SW 1/4 of Sec. 2'	7 : T. 8 N; R. 21	l sam	e			
(If applicable)		Street or Ro	wite			
	Cold March 1		(027)	17 M. 19 19 3		
GOVILOU	Gria Number		693/ V	v. Mill Road	·····	
Grid Location		City, State,	Zip Code			
0ft. D_ N. D_ S.,	ft E W.		Milwauke	e	WI	
Civil Town Name		Facility We	ll No. and/or	Name (If Applicable)	WI Unique Well No.	
Milwaukee		B-9			NA	
Street Address of Well	····	Reason For	Abandonme	at		
6037 W Mill Dood		Soll Domin				
		Son Dorm	8			
City, Village		Date of Ab	andonment	11/5/00		
Milwaukee	·		•	11/5/98	· · · · · · · · · · · · · · · · · · ·	
WELL/DRILLHOLE/BOREHOLE	INFORMATION					
(3) Original Well/Drillhole/Borehole	Construction Completed On	(4) Depth to	Water.(Feet) 12		
(D-t-) 10/0/00	· • ·	Dumn &	Dining Dom		No I Not Applicable	
(Datc) $10/9/98$	·	Fump &	Down and 10		No M Reppicable	
		Liner(5)	Keinovea!	Yes L	No Not Applicable	
Monitoring Well	Construction Report Available?	Screen	Removed?		No 👿 Not Applicable	
Water Well	Yes No	Casing]	Left in Place		No	
Drillhole		If No, E	xplain			
N Borehole						
M DOIGIOR		Wer Ce	eing Cut Off	Below Surface?	Var No	
Construction Type:		Dia Sca	ing Material	Rise to Surface?.		
Drilled Driver	(Sandpoint) L ^{Dug}	Drd Ma	ierial Settle A	After 24 Hours?	I CS NO	
Cher (Specify) <u>Geoprobe</u>		If Yes	, Was Hole F	Retopped?	Yes 🔲 No	
		75) Dequire	A Mathad of	Placing Sealing Material		
Formation Type:	•		G MCCHOU VI	Thesing bearing wraterial	·	
V Unconsolidated Formation	Bedrock	Conductor Pipe-Gravity Conductor Pipe-Pumped				
Cheshisondatos I ofmation	Denicer	Dump Bailer Other (Explain)				
Total Well Depth (ft.) 16	Casing Diameter (in.) 0	(6) Sealing	Materials	· For m	onitoring wells and	
(From groundsurface)	Casing Depth (ft.)	☐ Neat	Cement Gro	at monit	oring well horeholes only	
(Sand Comment (Concrete) Grout				
					the Dellas	
Lower Drilinole Diameter (in.)	<u> </u>		crete	ЦВе	ntonic relieus	
			-Sand Slurry	S Gr	anular Bentonite	
Was Well Annular Space Grouted	1? 🔲 Yes 🗌 No 🔲 Unknown	🛛 🗌 Beni	onite-Sand S	Surry 🗌 Be	entonite - Cement Grout	
If Yes, To What Depth?	Feet		ped Bentonit	te i		
	······································		• ,•			
7)	· · · · · · · · · · · · · · · · · · ·		<u> </u>	No: Yards.		
Material Used To F	ill Well/Drillhole	From (FL)	To (Ft.)	Sacks Sealant (Circle	Mix Ratio	
				or Volume	of Multi Weight	
Bentonite		Surface	16	0.35		
			10	0100		
		0	0	0		
		0	0	0		
		0	· 0	0		
		, in the second s				
(o) Comments:						
(9) Name of Person or Firm Doing Se	aling Work	(10)	FOR	DNR OR COUNTY L	SE ONLY	
CEO Managamant Consultante	T	Dale	Received/In	specied Di	strict/County	
Signature of Person Doing Work	Date Signed					
A.M.C.	1/20/99	Ravi	ever/inerest	OF.	Complying Work	
Strate or Boute	I Talanhana Number				ST	
SUCCI OF RULLE					workoundiving work	
9321 N. 107th Street	<u>414 354-7600</u>		w-up Necesi	sary		
City, State, Zip Code	-					
Milwaukee	WI 53224-0260	·				

WELL/DRILLHOLE/BOREHOLE ABANDONMENT Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACIL	ITY NAME		
Well/Drillhole/Borehole	County	Original W	ell Owner (If	Known)	
Location B-10	MILWAUKEE		Hentzen Coa	tings, Inc.	
	X E	Present We	ll Owner		
SE_ 1/4 of SW 1/4 of Sec. 27	- : T. ⁸ N; R. <u>21</u>	. sam	le		
(If applicable)		Street or Re	nute		· · · · · · · · · · · · · · · · · · ·
	Chaid Mountain		2027 X		
	Ond Number		0937 V	. Ivini Koau	<u></u>
Grid Location		City, State,	Zip Code		
0ft. [] N. [] S.,	<u> </u>		Milwauke	e	WI
Civil Town Name		Facility We	ll No. and/or	Name (If Applicable)	WI Unique Well No.
Milwaukee		B-10			NI A
Street Address of Wall		Person For	Abandonme	nt	
		G. I D.	-	LA-	
0557 W. Mill Road		Son Borin	8		
City, Village		Date of Ab	andonment		
Milwaukee			•	10/9/98	
WELL/DRILLHOLE/BOREHOLE I	FORMATION				
(3) Original Well/Drillhole/Borehole C	onstruction Completed On	(4) Depth to	Water.(Feet) 12	
		na	. Dimin D	Vac 🗖	No - Not Applicable
(Date) $10/9/98$		rump &	Piping Kem		No Mor Applicable
		Liner(s)	Removed?	Yes 🗌	No Not Applicable
Monitoring Well	Construction Report Available?	Screen	Removed?	Yes 🔲	No Not Applicable
Water Well		Casing	Left in Place		No
Drillhole	TE 100 June 110	If No. E	xplain		10
			· · · · · · · · · · · · · · · · · · ·		
TT Bolchole		West Co.			M
· ·· ·		WasCa	sing Cut Off	Below Surface/	Ies No
Construction Type:		Did Sca	ling Material	Rise to Surface?	Yes 🚺 No
Drilled Driven (Sandpoint) Dug	Did Ma	terial Settle A	fter 24 Hours?	Yes No
Other (Specify) Geonrohe		If Yes	, Was Hole R	tetopped?	Yes T No
Formation Time		(5) Require	d Method of	Placing Scaling Materia	L
	m		fuctor Pipe-C	ravity Conducto	r Pipe-Pumped
W Unconsolidated Formation	Bedrock	Dum	n Bailer	Other (F	vnlein)
T	asing Diamater (in)	(6) Sealing	Materials	Rea -	
Total Well Depth (It.)	asing Diameter (IE)	(c) Scaling Materials For monitoring wells and			
(From groundsurface)	asing Depth (IL)		Cement Gro	ut monit	toring well boreholes only
1		Sand	l-Cement (Co	mcrete) Grout	
Lower Drillhole Diameter (in.) 2		Con	crete		entonite Pellets
			-Sand Shurry	- T	ranular Bentonite
Was Well Annular Space Grouted?			conite_Send S		minite Coment Grout
Was Well Alliana Space Offorder:		Bentonite-Sand Slurry			
If Yes, to what Depth?	reel		pea Bentoni	le	
		<u> </u>			
(7) Matarial Hand To Bill	Wall			No. Yards. (Circle	Mix Ratio
Machai Osco 10 Fili	wenthumoie	From (FL)	10 (Ft.)	or Volume One)	or Mud Weight
Bentonite		Surface	16	0.35	
			U	0	
		0	U	0	
		1	· · · · · · · · · · · · · · · · · · ·		1
		0	· 0	1 0	l
(2) Commentar					1
(9) Name of Person or Firm Doing Seal	ing Work	(10)	FOR	DNR OR COUNTY U	ISE ONLY
CEO Martine Construction II and I		Dale	Received	specied Di	strict/County
Signature of Person Doing Work	Date Signed	1 🛛			
n.n.	11,0/00	17.50	AWEER		Complying Work
war the			- un set to the fact of	×	Annihi's mile an and
Street of Koule	i elephone Number			<u>[</u>]	Noncomplying Work
9321 N. 107th Street	414 354-7600] Folk	w-up Neces	ary 🕴	
City, State, Zip Code					
Milwaukee	WI 53224-0260				

APPENDIX G

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Contraction of

Contraction of the local division of the loc

North Hydraulic Lift Soil Investigation Analytical Results



GEO Management Consultants, P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260 Attn: Robert Hachenberg/ He	Inc. erb Hentzen			CUST NUMBER: 97E50 SAMPLED BY: Client DATE REC'D: 08/18/98 REPORT DATE: 08/27/98 PREPARED BY: LMP REVIEWED BY: LMP			
					P		
_	Units	Reporting Limit	B-1 13' 08/14/98	Qualifiers	Date Analyzed	By	
<u>EPA 160.3</u> Total Solids Moisture	০০ ০০	-	84.4 15.6		08/19/98 08/20/98	LMW LCK	
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	mg/kg	5.9 -	X COMP		08/23/98 08/21/98	DJB CKV	
Analytical No.:			46623				
_	Units	Reporting Limit	B-1 19' 08/14/98	Qualifiers	Date Analyzed	Ву	
<u>EPA 160.3</u> Total Solids Moisture	০ ০ ০০	- -	87.2 12.8		08/19/98 08/20/98	LMW LCK	
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	mg/kg	5.7	7.71 COMP	D3 D4	08/23/98 08/21/98	DJB CKV	
Analytical No.:			46624				
	Units	Reporting Limit	B-2 14' 08/17/98	Qualifiers	Date Analyzed	<u> </u>	
<u>EPA 160.3</u> Total Solids Moisture	০০ ০০ ০০	- -	85.9 14.1		08/19/98 08/20/98	LMW LCK	
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	mg/kg	580. -	30,600. COMP	D2A	08/24/98 08/21/98	DJB CKV	
Analytical No.:			46625				

Analytical No.:

X = Analyzed but not detected. Results calculated on a dry weight basis.





GEO Management Consultants, P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260 Attn: Robert Hachenberg/ He	Inc. rb Hentze	en		CUST NUM SAMPLED DATE REC REPORT D PREPARED REVIEWED	BER: 97E50 BY: Client 'D: 08/18/9 ATE: 08/27/9 BY: LMP BY: LMP	98 98
					P	
	Units	Reporting Limit	B-2 19' 08/17/98	Qualifiers	Date Analyzed	Ву
EPA 160.3 Total Solids Moisture	olo olo	- -	87.7 12.3		08/19/98 08/20/98	LMW LCK
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	mg/kg	5.7	7.91 COMP	D2 D4	08/23/98 08/21/98	DJB CKV
Analytical No.:			46626			
		Poporting	D-2 Q/		Date	
-	Units	Limit	08/17/98	<u>Qualifier</u> s	Analyzed	Ву
<u>EPA 160.3</u> Total Solids Moisture	olo olo	- -	85.8 14.2		08/19/98 08/20/98	LMW LCK
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	mg/kg	5.8	126. COMP	D2A	08/23/98 08/21/98	DJB CKV
Analytical No.:			46627			
	Units	Reporting Limit	B-3 14' 08/17/98	Qualifiers	Date Analyzed	<u>By</u>
EPA 160.3 Total Solids Moisture	a'o 0'o	-	83.4 16.6		08/19/98 08/20/98	LMW LCK
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	mg/kg	6.0 _	X COMP		08/23/98 08/21/98	DJB CKV
Analytical No.:			46628			

X = Analyzed but not detected. Results calculated on a dry weight basis.





GEO Management Consultants, P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260 Attn: Robert Hachenberg/ He	Inc. rb Hentze	en		CUST NUM SAMPLED DATE REC REPORT D PREPARED REVIEWED	BER: 97E50 BY: Client 'D: 08/18/9 ATE: 08/27/9 BY: LMP BY: LMP	98 98
5.					P	
_	Units	Reporting Limit	B-4 5' 08/17/98	Qualifiers	Date Analyzed	<u>В</u> у
<u>EPA 160.3</u> Total Solids Moisture	ণ ৩০ ৩০	- - -	86.9 13.1		08/19/98 08/20/98	LMW LCK
WI DNR Soil Diesel Range Organics Soil Org Ext - DRO	mg/kg	5.8 -	68.4 COMP	D2A	08/24/98 08/21/98	DJB CKV
Analytical No.:			46629			
		Reporting	B-4 9'		Date	_
-	Units	Limit	08/17/98	Qualifiers	Analyzed	By
<u>EPA 160.3</u> Total Solids Moisture	০০ ০০	- -	87.2 12.8		08/19/98 08/20/98	LMW LCK
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	mg/kg	5.7	X COMP		08/24/98 08/21/98	DJB CKV
Analytical No.:			46630			
-	Units	Reporting Limit	B-6 3' 08/17/98	Qualifiers	Date Analyzed	Ву
<u>EPA 160.3</u> Total Solids Moisture	০০ ০০	- -	81.7 18.3		08/19/98 08/20/98	LMW LCK
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	mg/kg	6.1	X COMP		08/24/98 08/21/98	DJB CKV

Analytical No.:

X = Analyzed but not detected. Results calculated on a dry weight basis.

All Analyses conducted in accordance with U.S. Filter Quality Assurance Program. Wisconsin Lab Certification No. 737053130/U.S. Filter Corp., 301 W. Military Rd., Rothschild, WI 54474 Ph. (800) 338-7226 Fax (715) 355-3221

46631



GEO Management Consultants, P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260	CUST NUMBER: 97E50 SAMPLED BY: Client DATE REC'D: 08/18/9 REPORT DATE: 08/27/9 PREPARED BY: LMP	8			
Attn: Robert Hachenberg/ He	REVIEWED DI:				
-	Units	Reporting Limit	B-6 11' 08/17/98	Ďate _QualifiersAnalyzed	<u> </u>
<u>EPA 160.3</u> Total Solids Moisture	oto oto	-	84.5 15.5	08/19/98 08/20/98	LMW LCK
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	mg/kg	5.9	X COMP	08/24/98 08/21/98	DJB CKV
Analytical No.:			46632		

		Reporting	MEOH BLANK-USF	١	Date	
	<u>Units</u>	Limit	08/17/98	<u>Qualifiers</u>	Analyzed	<u> </u>
EPA 8021						
Benzene	mg/l	0.02	Х		08/21/98	LMP
Ethylbenzene	mq/l	0.02	Х		08/21/98	LMP
Methyl tert Butyl Ether	mg/l	0.02	Х	CSL	08/21/98	LMP
Toluene	mg/1	0.02	Х		08/21/98	LMP
1,2,4-Trimethylbenzene	mg/l	0.02	Х		08/21/98	LMP
1,3,5-Trimethylbenzene	mg/l	0.02	Х		08/21/98	LMP
m- & p-Xylene	mg/l	0.02	Х		08/21/98	LMP
o-Xylene & Styrene	mg/l	0.02	Х		08/21/98	LMP
Analytical No.:			46633			

X = Analyzed but not detected.



GEO Management Consultants, Inc. CUST NUMBER: 97E50 9.0. Box 24260 SAMPLED BY: Client 9321 North 107 Th. Street DATE REC'D: 08/18/98 REPORT DATE: 08/27/98 Milwaukee, WI 53224-0260 PREPARED BY: LMP Attn: Robert Hachenberg/ Herb Hentzen REVIEWED BY: Client Sample B-1 13' , Enviroscan Analytical # 46623, Results are in Units of mg/kg Quality LUST LUST RESULT Control Analysis 1ethod EPA 8021 MDL LOD LOQ Wet Dry Qualifiers Date _ _ _ _ _ 0.012 0.060 0.025 0.025 0.030 08/21/98 Benzene < < Ethylbenzene 0.006 0.025 0.060 0.025 < 0.030 08/21/98 Methyl tert Butyl Ether 0.016 0.060 0.025 0.030 0.025 < < 08/21/98 1,2,4-Trimethylbenzene 0.007 0.025 0.060 0.025 < 0.030 08/21/98 < 1,3,5-Trimethylbenzene 0.019 0.025 0.060 0.025 0.030 08/21/98 < < 0.011 0.025 0.060 0.044 0.052 08/21/98 m- & p-Xylene 0.010 0.025 0.060 0.025 0.030 08/21/98 o-Xylene & Styrene < < 0.060 0.003 0.025 0.048 0.057 08/21/98 Toluene B-1 19' , Enviroscan Analytical # 46624, Results are in Units of mg/kg Client Sample Quality LUST LUST RESULT Control Analysis Method EPA 8021 MDL LOD LOQ Wet Dry Qualifiers Date - - -------_ _ _ _ _ _ 0.012 0.025 0.060 0.025 0.029 08/24/98 Benzene < < ISL 0.006 0.025 0.060 0.028 0.032 Ethylbenzene ISL MB 08/24/98 Methyl tert Butyl Ether 0.016 0.025 0.060 < 0.025 < 0.029 ISL 08/24/98 0.029 1.2.4-Trimethylbenzene 0.007 0.025 0.060 0.025 < 08/24/98 < ISL 0.019 0.060 0.029 1,3,5-Trimethylbenzene 0 025 < 0.025 < T SL 08/24/98 m- & p-Xylene 0.011 0.025 0.060 < 0.025 < 0.029 ISI 08/24/98 o-Xylene & Styrene 0.010 0.025 0.060 0.025 0.029 < 08/24/98 < ISI Toluene 0.003 0.025 0.060 0.053 0.061 08/24/98 ISL 8-2 14' , Enviroscan Analytical # 46625, Results are in Units of mg/kg Client Sample Quality LUST LUST RESULT Control Analysis Method EPA 8021 MDL LOD LOQ Wet Dry Qualifiers Date _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ 0.240 0.025 Benzene 0.060 0.400 < 0.466 08/24/98 < 4.916 0.025 Ethylbenzene 0.120 0.060 5.723 08/24/98 Methyl tert Butyl Ether 0.327 0.025 0.060 0.400 0.466 08/24/98 < 14.380 1,2,4-Trimethylbenzene 0.140 0.025 0.060 16.740 08/24/98 1,3,5-Trimethylbenzene 0.380 0.025 0.060 4.788 5.574 08/24/98 m- & p-Xylene 0.220 0.025 0.060 14.380 16.740 08/24/98 o-Xylene & Styrene 0.025 0.060 3.042 0 206 2.613 08/24/98 Toluene 0.069 0.025 0.060 0.437 0.509 08/24/98 Client Sample B-2 19' , Enviroscan Analytical # 46626, Results are in Units of mg/kg Quality LUST LUST RESULT Analysis Control Dry Method EPA 8021 MDL LOD LOQ Wet Qualifiers Date ----- - - - -- - - ------ - - - - - - - - -0.012 0.025 0.060 Benzene 0.025 < 0.029 08/21/98 < 0.006 0.025 Ethylbenzene 0.060 0.035 0.031 MR 08/21/98 Methyl tert Butyl Ether 0.016 0.025 0.060 0.025 0.029 < CSL 08/21/98 1,2,4-Trimethylbenzene 0.007 0.025 0.060 0.038 0.043 08/21/98 1,3,5-Trimethylbenzene 0.019 0.025 0.060 0.025 < 0.029 08/21/98 m- & p-Xylene 0.011 0.025 0.060 0.037 0.042 08/21/98 o-Xylene & Styrene 0.010 0 025 0.060 0.025 < 0.029 < 08/21/98 Toluene 0.003 0.025 0.060 0.025 0.029 08/21/98



EO Management Consultar 2.0. Box 24260 9321 North 107 Th. Stree Milwaukee, WI 53224-0260	nts, Inc. et 0 (Werb Hentzen								CUST NUMBER: SAMPLED BY: DATE REC'D: REPORT DATE:	97E50 Client 08/18/98 08/27/98
(terr. Kober t hachenberg)	/ nerb hentzen								REVIEWED BY:	
Client Sample B-3	9′, Enviro	oscan Ana	lytical	# 46	627, Res	ults a	re in Unit	s of mg/kg Quality		<i>Ar</i> .
1ethod EPA 8021	MDL	LUST LOD	LUST LOQ		RI Wet	ESULT	Dry	Control Qualifiers	Analysis Date	
Benzene Sthylbenzene Methyl tert Butyl Ether 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m- & p-Xylene o-Xylene & Styrene Toluene	0.240 0.120 0.327 0.140 0.380 0.220 0.206 0.069	0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	0.060 0.060 0.060 0.060 0.060 0.060 0.060 0.060 0.060	<	0.400 20.480 0.400 14.420 4.220 117.241 28.010 5.343	< < 1	0.466 23.869 0.466 16.807 4.918 36.645 32.646 6.227	CSL	08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98	
Client Sample B-3	14′, Enviro	oscan Ana	lytical	# 46	628, Res	ults a	ıre in Unit	s of mg/kg Quality		
Method EPA 8021	MDL	LUST LOD	LUST LOQ		RI Wet	ESULT	Dry	Control Qualifiers	Analysis Date	
Benzene Ethylbenzene Methyl tert Butyl Ether 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m- & p-Xylene o-Xylene & Styrene Toluene	0.012 0.006 0.016 0.007 0.019 0.011 0.010 0.003	0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	0.060 0.060 0.060 0.060 0.060 0.060 0.060 0.060	< < < < < <	0.025 0.026 0.078 0.025 0.025 0.025 0.040 0.025 0.025	< < < < <	0.030 0.031 0.094 0.030 0.030 0.048 0.030 0.030	MB CSL	08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98	
Client Sample B-4	5′, Enviro	oscan Ana	lytical	# 46	629, Res	ults a	nre in Unit	s of mg/kg Quality		
Method EPA 8021	MD L.	LUST LOD	LUST LOQ		RI Wet	ESULT	Dry	Control Qualifiers	Analysis Date	
Benzene Ethylbenzene Methyl tert Butyl Ether 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m- & p-Xylene o-Xylene & Styrene Toluene	0.012 0.006 0.016 0.007 0.019 0.011 0.010 0.003	0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	0.060 0.060 0.060 0.060 0.060 0.060 0.060 0.060 0.060	< < <	0.025 0.046 0.073 0.025 0.025 0.157 0.048 0.025	< < <	0.029 0.053 0.084 0.029 0.029 0.181 0.055 0.029	CSL	08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98	
Client Sample B-4	9′, Envir	oscan Ana	lytical	# 46	630, Res	ults a	nre in Unit	s of mg/kg Quality		
Method EPA 8021	MDL	LUST LOD	LUST LOQ		RI Wet	ESULT	Dry	Control Qualifiers	Analysis Date	
Benzene Ethylbenzene Methyl tert Butyl Ether 1,2,4-Trimethylbenzene n.3,5-Trimethylbenzene m- & p-Xylene o-Xylene & Styrene Toluene	0.012 0.006 0.016 0.007 0.019 0.011 0.010 0.010 0.003	0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	0.060 0.060 0.060 0.060 0.060 0.060 0.060 0.060 0.060	< < < < < < < < < < < < < <	0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	< < < < < < < < < <	0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029	CSL	08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98	



GEO Management Consultants, Inc. P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260 Attn: Robert Hachenberg/ Herb Hentzen

CUST NUMBER:	97E50
SAMPLED BY:	Client
DATE REC'D:	08/18/98
REPORT DATE:	08/27/98
PREPARED BY:	LMP
REVIEWED BY:	1n/
	XH
	P

		LUST	LUST		RE	ESULT		Control	Analysis
Method EPA 8021	MDL	LOD	LOQ		Wet		Dry	Qualifiers	Date
	0 012	0 025	0.060	<	0 025	<	0 031		08/21/98
Ethylbenzene	0.006	0.025	0.060	<	0.025	<	0.031		08/21/98
Methyl tert Butyl Ether	0.016	0.025	0.060	<	0.025	<	0.031	CSL	08/21/98
1.2.4-Trimethylbenzene	0.007	0.025	0.060	<	0.025	<	0.031		08/21/98
1.3.5-Trimethylbenzene	0.019	0.025	0.060	<	0.025	<	0.031		08/21/98
m- & p-Xylene	0.011	0.025	0.060	<	0.025	<	0.031		08/21/98
o-Xylene & Styrene	0.010	0.025	0,060	<	0.025	<	0.031		08/21/98
Toluene	0.003	0.025	0.060	<	0.025	<	0.031		08/21/98

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:1/98
1/98
:1/98
1/98
21/98
1/98
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1/98



GEO Management Consultants, Inc. P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260 CUST NUMBER: 97E50 SAMPLED BY: Client DATE REC'D: 08/18/98 REPORT DATE: 08/27/98 PREPARED BY: LMP REVIEWED BY: W

Attn: Robert Hachenberg/ Herb Hentzen

Qualifier Descriptions

ISL	Internal standard recovery below normal limits. Sample results may be biased high.
MB	Analyte observed in method blank. Sample results may be biased high.
D3	The chromatogram is not characteristic for diesel or any single common petroleum product.
D4	The chromatogram contained significant peaks outside the DRO window.
D2A	The chromatogram is characteristic for a light petroleum product. (i.e. gasoline, aged or degraded gasoline, mineral spirits, etc.)
CSL	Check standard for this analyte exhibited a low bias. Sample results may also be biased low. Non-detects verified with a low standard comparison.
D2	The chromatogram is not characteristic for diesel. It has the characteristics of a product which has significant peaks within the DRO window.
SL	Surrogate recovery was low. Result for sample may be biased low.
D2B	The chromatogram is characteristic for a heavier petroleum product other than diesel. (i.e. motor oil, hydraulic oil, etc.)

	5	•			

Sample Receipt Report							
Cliente Jeannand and Consult Data Passinder & 1/8/98							
Chent: <u></u> Date Received: <u></u>							
Analytical No.: 1046623 Through 1046636							
Check all deviations from EPA or WDNR sample protocol.							
[] Sample(s) received at°C which is above the EPA and WDNR limit of 4°C.							
[] VOC vial(s) received with headspace. Explain:							
[] Sample(s) received in bottles not furnished by Enviroscan. Preservation method, if used, is unknown							
[] Sample(s) not properly preserved per EPA/WDNR protocol for the following:							
[] Sample(s) received beyond EPA holding time for:							
[] Sample date/time not supplied by client. Actual holding time unknown.							
[] GRO/PVOC/VOC/DRO (circle appropriate) sample(s) are <19.5 gms and this report is the flag for that information. Sample(s) under-weight: $\frac{\pi}{2}$							
[] GRO(PVOC)VOC (circle appropriate) sample(s) were between 26.4-35.4 gms so methanol was added in a 1:1 ratio. Sample(s) included: $7046623 r 3nl_{1} 46624 + 2nl_{1} 466367 2nl_{2} 46627 + 3nl_{1} 46627 + 3nl_{1} 46627 + 2nl_{2} 466367 2nl_{2}$	625 + 6nl li 46621,						
 3nl, 446 324 4nl, GRO/PVOC/VOC/DRO (circle appropriate) sample(s) were >35.4 gms and are required to be rejected. Sample(s) included: 	7 1 4 - 21 4						
[] Other:							
<u>Client contact concerning the above deviations:</u>							
Client (contact name) notified of the above deviation(s) on/_/ at: am/pm by and the client ordered:							

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	Name	e: <u>Rober</u>	March March	r-berg	Consult	lastr	T.c	N	ame:	Mr. He Heat	16	Hent. Cocl	zen	. I.c.			
	Addre	ess: <u>P.o</u>	Box	24260	())	34		A	ddress: _	6937	ω.	mill	no.	.0	221		
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	P.O. #	# <u> </u>	70 To	Quo	te# 6	.012	<u> </u>				AI	VAL	TIC.	AL RE	ĘQUE	STS	1 50
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		<u>San</u> (Check a	nple Type all that apply	/) 5		urnaround	Time				/	_{}	/ /				
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		└ Was ズ Soil/	tewater Solid	l	Date Nee	ded <u>[4 -</u>	١	21675	57		23.5					/	
			king Water		Approved	Ву					1-12	13	14		/ /		
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	07	704662	24	8. 14.98	12:30 () 12:55 ()	14	3 B.	1/19'		×	×	×					
		07046	625	8-17-98	7:45	3	B-,	2/14'		X	×	X					
		07046	626	8-17-98	\$:17	3	ß.	2/19'		X	X	X					
	<u>0</u> +	704662	27	8-17-98	8:22	3	B-3	5/9'		\times	X	×					
		07046	628	8-17-91	1-25	3	B -3	3 /14'		_ X	X	X					
	0	70466	29	8-17-93	9:55	3	B.4	1/5'		X	X	×					
	0	70466:	30	8.17.98	10:10	3	B-4	1/9'		X	X	×					
	0	00466	31	8-17-98	13:45	3	B-6	$\frac{3}{3}$		X_	X	X					
		07046	2600	8-17-98	14:25	3	B·6	711	. <u></u> .	X	X	<u>\</u>					
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		SAMPLERS	S. (Signatu	ire)								Se	als O	K?	ଁଞ୍ଚ	N N/A	N
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		B:10	0.		6/17	198	700										
		RELINQUIS	SHED BY:	(Signature	e) I	DATE/ȚIN	ЛЕ	RECEIV	ED BY: (Signatur	re)						
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		RELINQUIS	SHED BY:	(Signatur	e) I	DATE/TIN	ЛЕ	RECEIVI	ED FOR L	ABORAT	ORY	D/		ME			
								Aus	on M. P	Indon	m	8-18-	98	9:50			



GEO Management Consultants, P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260	Inc.			CUST NUME SAMPLED E DATE REC' REPORT DA PREPARED REVIEWED	BER: 97E50 BY: Client D: 10/10/9 ATE: 10/22/9 BY: LMP BY: LMP	98 98
Attn: Bob Hackenburg/ Herb	Hentzen				<u>ر</u>	
-	Units	Reporting Limit	B-7 8-10' <u>10/09/98</u>	<u>Qualifier</u> s	Date Analyzed	Ву
MOSA21-2 Total Solids	20	-	85.8		10/13/98	LMW
<u>WI_DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	mg/kg	5 <i>.</i> 8 -	114. COMP	D2A	10/19/98 10/19/98	CKV CKV
Analytical No.:			51817			
-	Units	Reporting Limit	B-7 14-16' _10/09/98_	<u>Qualifier</u> s	Date Analyzed	<u> </u>
<u>MOSA21-2</u> Total Solids	9 <u>0</u>	_	87.8		10/13/98	LMW
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	s mg/kg	5.7	X COMP		10/19/98 10/19/98	CKV CKV
Analytical No.:			51818			
-	Units	Reporting Limit	B-8 8-10' 10/09/98	<u>Qualifier</u> s	Date Analyzed	By
<u>MOSA21-2</u> Total Solids	20	-	85.0		10/13/98	LMW
<u>WI_DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	s mg/kg	5.9	11.2 COMP	D2	10/19/98 10/19/98	CKV CKV
Analytical No.:			51819			
-	Units	Reporting Limit	B-8 14-16' 10/09/98	<u>Qualifier</u> s	Date Analyzed	By
<u>MOSA21-2</u> Total Solids	oto	-	86.4		10/13/98	LMW
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	s mg/kg	5 <i>.</i> 8 -	8.15 COMP	D2	10/19/98 10/19/98	CKV CKV
Analytical No.:			51820			

X = Analyzed but not detected. Results calculated on a dry weight basis.



10/19/98

CKV

GEO Management Consultants, P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260	Inc.			CUST NUM SAMPLED I DATE REC REPORT D PREPARED DEVIEWED	BER: 97E50 BY: Client 'D: 10/10/9 ATE: 10/22/9 BY: LMP	98 98
Attn: Bob Hackenburg/ Herb	Hentzen			KEATEMED	BI:	
-	Units	Reporting Limit	B-9 8-10' <u>10/09/98</u>	Qualifiers	Date Analyzed	<u>By</u>
MOSA21-2 Total Solids	00	-	83.0		10/13/98	LMW
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	s mg/kg	6.0	X COMP		10/19/98 10/19/98	CKV CKV
Analytical No.:			51821			
-	Units	Reporting Limit	B-9 14-16' 10/09/98	<u>Qualifier</u> s	Date Analyzed	<u>B</u> y
MOSA21-2 Total Solids	010	-	83.		10/13/98	LMW
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	s mg/kg	6.0	X COMP		10/19/98 10/19/98	CKV CKV
Analytical No.:			51822			
-	Units	Reporting Limit	B-10 8-10' _10/09/98_	Qualifiers	Date Analyzed	Ву
MOSA21-2 Total Solids	95 75	_	84.3		10/13/98	LMW
<u>WI DNR</u> Soil Diesel Range Organics	s ma/ka	5.9	х		10/19/98	СКУ

Soil Org Ext - DRO

Analytical No.:

X = Analyzed but not detected. Results calculated on a dry weight basis.

All Analyses conducted in accordance with U.S. Filter Quality Assurance Program. Wisconsin Lab Certification No. 737053130/U.S. Filter Corp., 301 W. Military Rd., Rothschild, WI 54474 Ph. (800) 338-7226 Fax (715) 355-3221

COMP

51823



GEO Management Consultants, Inc. P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260

Attn: Bob Hackenburg/ Herb Hentzen

CUST NUMBER:	97E50
SAMPLED BY:	Client
DATE REC'D:	10/10/98
REPORT DATE:	10/22/98
PREPARED BY:	LMP
REVIEWED BY:	NA
	XVI-
	1

-	Units	Reporting Limit	B-10 14-16' 	Qualifiers	Date Analyzed	Ву
MOSA21-2 Total Solids	20	-	84.2		10/13/98	LMW
<u>WI DNR</u> Soil Diesel Range Organics Soil Org Ext - DRO	s mg/kg	5.9	X COMP		10/19/98 10/19/98	CKV CKV
Analytical No.:			51824			

		Reporting	MEOH BLANK-USF		Date	
	Units	Limit	10/09/98	<u>Qualifier</u> s	Analyzed	Ву
<u>EPA 8021</u>						
Benzene	mg/l	0.025	Х		10/21/98	LMP
Ethvlbenzene	mq/l	0.025	Х		10/21/98	LMP
Methyl tert Butyl Ether	mg/l	0.025	0.126	XXX	10/21/98	LMP
Toluene	mg/l	0.025	Х		10/21/98	LMP
1,2,4-Trimethylbenzene	mg/l	0.025	Х		10/21/98	LMP
1.3.5-Trimethylbenzene	mg/l	0.025	Х		10/21/98	LMP
m- & p-Xylene	mg/l	0.025	Х		10/21/98	LMP
o-Xylene & Styrene	mg/l	0.025	Х		10/21/98	LMP

Analytical No.:

51825

X = Analyzed but not detected. Results calculated on a dry weight basis.



GEO Management Consultants, Inc 2.0. Box 24260 2321 North 107 Th. Street Ailwaukee, WI 53224-0260 Attn: Bob Hackenburg/ Herb Hent	zen								CUST NUMBER: SAMPLED BY: DATE REC'D: REPORT DATE: PREPARED BY: REVIEWED BY:	97E50 Client 10/10/98 10/22/98 LMP
Client Sample B-7 8-10'	, Enviro	scan An	alytical	# 518	317, Resu	ılts a	re in Units	of mg/kg Quality		JP.
1ethod EPA 8021	MDL	LUST LOD	LUST LOQ		RE Wet	SULT	Dry	Control Qualifiers	Analysis Date	
denzene Ethylbenzene Methyl tert Butyl Ether 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m- & p-Xylene o-Xylene & Styrene Toluene	0.060 0.030 0.082 0.035 0.095 0.055 0.052 0.017	0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	0.060 0.060 0.060 0.060 0.060 0.060 0.060 0.060	<	0.100 1.077 0.100 1.704 0.638 3.597 0.779 2.288	<	0.117 1.255 0.117 1.986 0.744 4.192 0.908 2.667		10/20/98 10/20/98 10/20/98 10/20/98 10/20/98 10/20/98 10/20/98 10/20/98	
Client Sample B-7 14-16'	, Enviro	oscan An	alytical	# 518	318, Resu	ılts a	re in Units	of mg/kg Quality		
Method EPA 8021	MDL	LUST LOD	LUST LOQ		RE Wet	SULT	Dry	Control Qualifiers	Analysis Date	
Benzene Ethylbenzene Methyl tert Butyl Ether 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m- & p-Xylene o-Xylene & Styrene Toluene	0.012 0.006 0.016 0.007 0.019 0.011 0.010 0.003	0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	0.060 0.060 0.060 0.060 0.060 0.060 0.060 0.060	< < < < < < < < < < < < < < < <	0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	< < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < </ <//	0.028 0.028 0.028 0.028 0.028 0.028 0.028 0.028 0.028 0.028		10/20/98 10/20/98 10/20/98 10/20/98 10/20/98 10/20/98 10/20/98 10/20/98	
Client Sample B-8 8-10'	, Enviro	oscan Ar	alytical	# 518	319, Resu	ılts a	re in Units	of mg/kg Quality		
Method EPA 8021	MDL	LUST LOD	LUST LOQ		RE Wet	SULT	Dry	Control Qualifiers	Analysis Date	
Benzene Ethylbenzene Methyl tert Butyl Ether 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m- & p-Xylene o-Xylene & Styrene Toluene	0.012 0.006 0.016 0.007 0.019 0.011 0.010 0.003	0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	0.060 0.060 0.060 0.060 0.060 0.060 0.060 0.060	< < < < < < <	0.025 0.025 0.085 0.025 0.025 0.025 0.025 0.025 0.025	< < < < < < < < < <	0.029 0.029 0.100 0.029 0.029 0.029 0.029 0.029 0.029	ххх	10/20/98 10/20/98 10/20/98 10/20/98 10/20/98 10/20/98 10/20/98 10/20/98	
Client Sample B-8 14-16'	, Enviro	oscan An	alytical	# 518	320, Resu	ılts a	re in Units	of mg/kg Quality		
Method EPA 8021	MDL	LUST LOD	LUST LOQ		RE Wet	SULT	Dry	Control Qualifiers	Analysis Date	
Benzene Ethylbenzene Methyl tert Butyl Ether 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m- & p-Xylene o-Xylene & Styrene Toluene	0.012 0.006 0.016 0.007 0.019 0.011 0.010 0.003	0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	0.060 0.060 0.060 0.060 0.060 0.060 0.060 0.060	< < < <	0.025 0.025 0.066 0.025 0.025 0.035 0.035 0.061 0.025	< < < <	0.029 0.029 0.076 0.029 0.029 0.029 0.041 0.071 0.029	XXX	10/20/98 10/20/98 10/20/98 10/20/98 10/20/98 10/20/98 10/20/98 10/20/98	



EO Management Consultants, I 2.0. Box 24260 3321 North 107 Th. Street Milwaukee, WI 53224-0260 Attn: Bob Hackenburg/ Herb He	nc. entzen								CUST NUMBER: SAMPLED BY: DATE REC'D: REPORT DATE: PREPARED BY: REVIEWED BY:	97E50 Client 10/10/98 10/22/98 LMP
Client Sample B-9 8-10'	, Enviro	scan Ar	alytical	# 51	1821, Res	ults a	are in Unit	s of mg/kg		M
lethod EPA 8021	MDL	LUST LOD	LUST LOQ		R Wet	ESULT	Dry	Control Qualifiers	Analysis Date	7
Benzene	0 012	0 025	0.060		0 025		0 030		10/20/08	
Ethylbenzene	0.006	0.025	0.060	,	0.025	Ì	0.030		10/20/98	
Methyl tert Butyl Ether	0.016	0.025	0.060	<	0.025	<	0.030		10/20/98	
1,2,4-Trimethylbenzene	0.007	0.025	0.060	<	0.025	<	0.030		10/20/98	
1,3,5-Trimethylbenzene	0.019	0.025	0.060	<	0.025	<	0.030		10/20/98	
m- & p-Xylene	0.011	0.025	0.060	<	0.025	<	0.030		10/20/98	
o-Xylene & Styrene	0.010	0.025	0.060	<	0.025	<	0.030		10/20/98	
ſoluene	0.003	0.025	0.060	<	0.025	<	0.030		10/20/98	
Client Sample B-9 14-16'	, Enviro	scan Ar	alytical	# 5′	1822, Res	ults a	are in Unit	s of mg/kg Quality		
		LUST	LUST		R	ESULT		Control	Analysis	
Method EPA 8021	MDL	LOD	LOQ		Wet		Dry	Qualifiers	Date	
	0 012	0 025	0.040		0 025		0.070		10,000,000	
Sthulbonzono	0.012	0.025	0.000)	0.025		0.030		10/20/98	
Methyl tert Butyl Ether	0.000	0.025	0.060		0.025		0.030	~~~	10/20/98	
1 2 4-Trimethylbenzene	0.007	0 025	0.060	<	0.102	<	0.125	~~~	10/20/98	
1.3.5-Trimethylbenzene	0.019	0.025	0.060	, <	0.025	۰ ۲	0.030		10/20/98	
n- & p-Xvlene	0.011	0.025	0.060	<	0.025	, ,	0.030		10/20/98	
o-Xvlene & Styrene	0.010	0.025	0.060	, K	0.025	~	0.030		10/20/98	
Toluene	0.003	0.025	0.060	<	0.025	<	0.030		10/20/98	
light Sample P-10 8-10/	Enving			# 54	1927 Dee	. معان				
screnc sample B-10 8-10.	, בחעורים	scan Ar	atyticat	# 31	1023, Kesi	uttsa	are in Unit	s or mg/kg Quality		
		LUST	LUST		R	ESULT		Control	Analysis	
Method EPA 8021	MDL	LOD	LOQ		Wet		Dry	Qualifiers	Date	
3enzene	0.012	0.025	0.060	<	0.025	<	0.030		10/20/98	
Ethylbenzene	0.006	0.025	0.060	<	0.025	<	0.030		10/20/98	
Methyl tert Butyl Ether	0.016	0.025	0.060		0.094		0.112	XXX	10/20/98	
1,2,4-Trimethylbenzene	0.007	0.025	0.060	<	0.025	<	0.030		10/20/98	
1,3,5-Trimethylbenzene	0.019	0.025	0.060	<	0.025	<	0.030		10/20/98	
m- & p-Xylene	0.011	0.025	0.060	<	0.025	<	0.030		10/20/98	
o-Xylene & Styrene	0.010	0.025	0.060	<	0.025	<	0.030		10/20/98	
Toluene	0.003	0.025	0.060	<	0.025	<	0.030		10/20/98	
Client Sample B-10 14-16'	, Enviro	scan Ar	alytical	# 5′	1824, Res	ults a	are in Unit	s of mg/kg Quality		
Method EDA 8021	MDI	LUST	LUST		R	ESULT	David	Control	Analysis	
Petriod Ern doel					WCL			wuatitiers	vate	
Benzene	0.012	0.025	0.060	<	0.025	<	0.030		10/20/98	
Ethylbenzene	0.006	0.025	0.060	<	0.025	<	0.030		10/20/98	
Methyl tert Butyl Ether	0.016	0.025	0.060		0.108		0.128	XXX	10/20/98	
1,2,4-Trimethylbenzene	0.007	0.025	0.060	<	0.025	<	0.030		10/20/98	
1,3,5-Trimethylbenzene	0.019	0.025	0.060	<	0.025	<	0.030		10/20/98	
m- & p-Xylene	0.011	0.025	0.060	<	0.025	<	0.030		10/20/98	
o-Xylene & Styrene	0.010	0.025	0.060	<	0.025	<	0.030		10/20/98	
Toluene	0.003	0.025	0.060	<	0.025	<	0.030		10/20/98	



GEO Management Consultants, Inc. P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260 CUST NUMBER: 97E50 SAMPLED BY: Client DATE REC'D: 10/10/98 REPORT DATE: 10/22/98 PREPARED BY: LMP REVIEWED BY: LMP

Attn: Bob Hackenburg/ Herb Hentzen

Qualifier Descriptions

D2A The chromatogram is characteristic for a light petroleum product. (i.e. gasoline, aged or degraded gasoline, mineral spirits, etc.)
XXX See attached notice.
D2 The chromatogram is not characteristic for diesel. It has the characteristics of a product which has significant peaks within the DRO window.
D4 The chromatogram contained significant peaks outside the DRO window.



*** *NOTICE* ***

A recent lot of methanol to preserve GRO soil samples has been found to contain low levels of MTBE. Upon questioning our vendor, we were told that they test their methanol at a level 10 times lower than the manufacturer's specification for VOCs and MTBE. The lot in question meets their lower specifications, but this is still twice the detection limit required by the Wisconsin Department of Natural Resources.

For example:

Manufacturer's specification for VOCs in purge & trap grade methanol = 10 ppb

Specification set by our vendor = 1 ppb

However, 1 ppb of MTBE in the methanol equates to 0.050 mg/kg (Twice the MDL required by WDNR).

Samples included in this report may have methanol from this lot so we have qualified the results for MTBE as questionable due to a possible contaminant in the methanol.

We have been working with our supplier to obtain a new lot that meets the Wisconsin requirements. We apologize for any inconvenience this may cause. If we can be of further service, please feel free to contact me or our customer services representatives, Greg or Sharon.

mest. Saltows/-1

James R. Salkowski General Manager

USFilter

Sample Receipt Report
Client: <u>Creomanagement</u> Date Received: <u>10/10/98</u>
Analytical No.: 505 1817 Through 505 1827
Check all deviations from EPA or WDNR sample protocol.
[] Sample(s) received at°C which is above the EPA and WDNR limit of 4°C.
[] VOC vial(s) received with headspace. Explain:
[] Sample(s) received in bottles not furnished by U.S.FILTER/ENVIROSCAN. Preservation method, if used, is unknown.
[] Sample(s) not properly preserved per EPA/WDNR protocol for the following:
Sample(s) received beyond EPA holding time for:
[] Sample date/time not supplied by client. Actual holding time unknown.
[] GRO/PVOC/VOC/DRO (circle appropriate) sample(s) are <19.5 gms and this report is the flag for that information. Sample(s) under-weight:
[$\int GRO/PVOO/VOC$ (circle appropriate) sample(s) were between 26.4-35.4 gms so methanol was added in a 1:1 ratio. Samples(s) included: $\frac{50 \text{ s}^{-}/817 + 3ml}{57818 + 4ml}$, 51819 taml, 51820 + 4ml, 51821 + 6ml, 51823 + 5ml
 S (8 23 + 4 m², '5 (824 + 2m²) [] GRO/PVOC/VOC/DRO (circle appropriate) sample(s) were >35.4 gms and are required to be rejected. Sample(s) included:
[] Other:
Client contact concerning the above deviations:
Client(contact name) notified of the above deviation(s) of the above deviation(s) on/ at AM/PM by
(signature) and the client ordered: [] Proceed with analyses as ordered. [] Proceed with analyses after taking the following corrective action:
[] Do NOT proceed with the analyses.

RI	EQUEST FOR SERVICES				
	U.S. FILTER/ENVIROSCAN 301 W. MILITAR	Y RD. ROTH	HSCHILD, WI	54474 1-8	00-338-SCAN
	REPORT TO:	BILL TO: ((if different from	Report To inf	o):
	Company:	Name: <u>////</u> Company:	Hontzen C	atings, I	nc.
111111111111	Address: <u>P.D. Box</u> 21260 <u>Mi/w. WT 53224-0260</u>	Address:	6937 W. M Milwavkee,	WI 5	3218
Alexandra and a	Phone: (<u> </u>	_ Phone:			
1	Project # <u>97E50</u> Quote # <u>6012</u>	_	ANAL (use s	eparate sheet if no	QUES I S ecessary)
	Sample Type Turnaround Time				
	(Check all that apply) Normal	.ab)		/ / /	
	Wastewater				/ /
ų r	Drinking Water Approved By				
nand tar. I detain 100 particular tar. part	Oil Vapor				/
	Other No. of				/
We have a set of the s	LAB USE ONLY DATE TIME Containers	SAMPLE ID	$\langle O_{\mathbf{r}} \langle Q_{\mathbf{r}} \rangle$		REMARKS
	05051817 19/198 0920 2B-	7,8-10'	XX		
Advantation of the	05051818 19/98 0940 2 8-	7,14-16'	XX		
	05051819 Marg 1020 7 B-	8,8-10'	XX		
	05051820 12/9/98/035 RB-	8,14-16	XX		
14.17.2000 (14.17.10)	$\frac{0.5051821}{0.5051822} \frac{0.998}{0.998} \frac{1.95}{2} = \frac{2}{2} \frac{1}{2} \frac{1}{2}$	9,8-10	XX		
	05051822 10/0/8 12:20 2 BI	1,17-16 Q-101	$\frac{1}{x}$		1.40
1	01095951820 19/9/99/3:50 2 R/). 14-16'	XX		
	05051826 19198 2:55 3 B	Sblank 3	XX	Jue GI	roundwater
Contract of the second	05051827 2-Tript	slank		Ky X4	
a	geoman Henceg			l'v Hand Col	nip
	CHAIN OF CUSTODY RECOI	RD	SF	ip. Cont. OK?	A N/A
	SAMELER& TSignature			als OK?	
	1. Halbankell			Sell	d prining.
14/17/00/14/2	RELINQUISTIED BY: (Signature) DATE/TIME	RECEIVED BY: (S	Signature)	mments: <u>sem</u>	o Management
	KX-Maillules 10/9/98 15:45	A	by	GEO Manage	mat to
 	RELINQUISHED BY: (Afgnature)	RECEIVED BY: (S	Signature)	IONT. (NC.	on ice.)
lana,	RELINQUISHED BY: (Signature) DATE/TIME	RECEIVED FOR LA	BORATORY D	ATE/TIME	
- tatalettintic 9.		BY: (Signature)	munde 10.	-10-98	\$.6
		, mage			

APPENDIX H

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Manufacture (2004

North Hydraulic Lift Water Sampling Logs

Water Sampling Log

GEO Management Consultants, Incorporated

P.O. Box 24260 Milwaukee, Wisconsin 53224-0260 • Phone (414) 354-7600 • Fax (414) 354-7620

Date:/	1/21/98		Monitoring	Point: <u>B-7</u>	>	
Project:	Hentzen	Coatings		Project Num	ber: <u>976</u>	-50
Address:_	mill Ro	ad milwa	thee WI			
Weather:	Inside	facility			117	
Sampling	Personnel:	B. Davies		1127111001-01-01-01-01-01-01-01-01-01-01-01-		
Monitorir	ng Point is be	ing: Sampled_×	COther			
Monitorir	ng Point is a:	Stick-up	Flushmount	Other6	eoprobe ls.	ell "/4"
Casing D	iameter/Type	: 3/4" /P	VC			
Time Pur	ging Initiated	: <u>NA</u>	Time	Purging Complet	red: <u>NA</u>	
Well Dep	th: 15.3		Depth to Water ((Static Water Lev	vel): /3.4	8
Length of	Water Colur	nn:	(Gallons/Foot:		
Approxin	ate Gallons	Removed:	•			
Time	Quantity (gal.)	Temperature (°F)	Conductivity (µS)	Dis. Oxygen (mg/L)	Eh (mV)	рН
ļ						
Water Ch	aracteristics A	After Purging: C	Color: Piour (Odor: Tur	bidity: <u>///</u> 7	•
Sample I.	D.:	•	Samj	pling Time: <u> </u>	000	
Sample P	arameters:	Proc	•			
Duplicate	Collected: 1	No <u>X</u> Yes/Sa	ample I.D/			
Laborator	y to be Condi	ucting Analyses:	U.S. F:14	es		
Other Ob	servations/Co	omments: Ve, 7	low yield in	, will. Sur	ohd with	
per: sh	Ific par	p. Not eno	yt for DRO	Wailed 4	5 minutes	J <i>F:1</i> (
d:d ,	st jield	rearly e-su	1 H, O.			

<u>Conversion Factors for Post-Development Purging (for 4 well volumes)</u> $I"\emptyset = 0.17 \text{ gal/ft}, 2"\emptyset = 0.66 \text{ gal/ft}, 4"\emptyset = 2.61 \text{ gal/ft}, 6"\emptyset = 5.87 \text{ gal/ft}$

Water Sampling Log

GEO Management Consultants, Incorporated P.O. Box 24260 Milwaukee, Wisconsin 53224-0260 • Phone (414) 354-7600 • Fax (414) 354-7620

Date: 10.9.98	Monitoring	Point: B.8	• •					
Project: Hentzen Coatings		Project Number: 97650						
Address: Mill Road M.	Wanker, wisc	onlin						
Weather: inside Facility								
Sampling Personnel: Bill 2	Davies / Robert,	Hackenberg						
Monitoring Point is being: Sampl	ed_XOther							
Monitoring Point is a: Stick-up	Flushmount	Other_ <u>Ge</u>	·pisse will					
Casing Diameter/Type: <u>3/4</u> "	PVC							
Time Purging Initiated:	Time	Purging Complet	ed:/	9				
Well Depth: 14.3	Depth to Water	(Static Water Lev	el):~ 9	Fł				
Length of Water Column:	(Gallons/Foot:						
Approximate Gallons Removed:								
TimeQuantityTemperat(gal.)(°F)	ure Conductivity (µS)	Dis. Oxygen (mg/L)	Eh (mV)	рН				
Water Characteristics After Purgin	ıg: Color: <u>م</u> (Odor: Turl	bidity: <u>ver</u>	7				
Sample I.D.: <u><i>B</i>-8</u>	Samj	pling Time: /2	5:32					
Sample Parameters: <u>PVOC</u>	1 2113							
Duplicate Collected: No <u>X</u> Y	es/Sample I.D. /	1						
Laboratory to be Conducting Anal	yses: $U.S.F.H$	tel Il in	```					
Other Observations/Comments:	Will saple w	th perishit	· c pu-p	4.el Ve				
Chough Water to sa-p)(¢ .							
·								

Conversion Factors for Post-Development Purging (for 4 well volumes) $1"\emptyset = 0.17 \text{ gal/ft}, 2"\emptyset = 0.66 \text{ gal/ft}, 4"\emptyset = 2.61 \text{ gal/ft}, 6"\emptyset = 5.87 \text{ gal/ft}$

, •
Water Sampling Log

GEO Management Consultants, Incorporated P.O. Box 24260 Milwaukee, Wisconsin 53224-0260 • Phone (414) 354-7600 • Fax (414) 354-7620

Date:/	10.21.98		Monitoring	Point:		
Project:	Hentze-	Coating 1		Project Num	ber: <u>97</u> E	50
Address:_	Mill Rool	o milvack	ee (Misconsi.			
Weather:	i-s:de	fucility				
Sampling	Personnel:	B. Davies				
Monitorin	ng Point is be	ing: Sampled	\times Other			
Monitorin	ng Point is a:	Stick-up	Flushmount	Other	eopiste (s	11
Casing Di	iameter/Type	: ³ /4 "P	1C			
Time Purg	ging Initiated	:WA	Time	Purging Complet	ed: <i>NA</i>	
Well Dep	th: <u>14.</u> 1		Depth to Water (Static Water Lev	el):, ठ/	
Length of	Water Colur	nn:	(Gallons/Foot:		
Approxim	nate Gallons I	Removed:				
Time	Quantity (gal.)	Temperature (°F)	Conductivity (µS)	Dis. Oxygen (mg/L)	Eh (mV)	pН
Water Ch	aracteristics A	After Purging: C	Color: (Lear (Odor: Turl	bidity: <u></u>	८९
Sample I.	D.: <u> </u>		Samj	pling Time:	0:10	
Sample Pa	arameters:	PVOC / DI	?>			.,
Duplicate Laborator Other Obs	Collected: N y to be Condu servations/Co	No \times Yes/Salucting Analyses:	umple I.D. <u>/</u> U.S.F.:1 ρίδω:Ηρ	Her eishltic po	пр. У:	eld + Q
just	enough vo	lume toi P	VOC O DRO	sapler.		
	•					
	Cor	version Factors for	Post-Development P	urging (for 4 well vol	lumes)	

 $1"\emptyset = 0.17 \text{ gal/ft}, 2"\emptyset = 0.66 \text{ gal/ft}, 4"\emptyset = 2.61 \text{ gal/ft}, 6"\emptyset = 5.87 \text{ gal/ft}$

APPENDIX I

Contraction of the local division of the loc

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North Hydraulic Lift Groundwater Analytical Results



GEO Management Consultants, Inc. P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260

Attn: Robert Hachenberg/ Herb Hentzen

CUST NUMBER: 97E50 SAMPLED BY: Client DATE REC'D: 08/18/98 REPORT DATE: 08/27/98 PREPARED BY: LMP REVIEWED BY:

	Units	Reporting Limit	B-1 08/17/98	Date Qualifiers Analyzed	<u>l By</u>
EPA 8021					
Benzene	μg/l	0.5	1.20	08/19/98	B EPM
Ethylbenzene	μg/1	1.0	25.6	08/19/98	B EPM
Methyl tert Butyl Ether	μg/1	1.0	Х	08/19/98	B EPM
Toluene	$\mu g/1$	1.0	28.1	08/19/98	B EPM
1,2,4-Trimethylbenzene	μg/1	1.0	20.2	08/19/98	B EPM
1,3,5-Trimethylbenzene	μg/1	1.0	6.57	08/19/98	B EPM
m- & p-Xylene	μg/1	1.0	113.	08/19/98	B EPM
o-Xylene & Styrene	μg/1	1.0	6.92	08/19/98	B EPM
WIDNR					
Diesel Range Organics	$\mu g/l$	100.	1,180.	SL D2A D2B08/24/98	B DJB
Water Org Ext - DRO			COMP	08/24/98	B CKV
Analytical No.:			46634		

		Reporting	B-2		Date	
	Units	Limit	08/17/98	<u>Qualifier</u> s	Analyzed	<u>By</u>
EPA 8021						
Benzene	μg/1	25.0	Х		08/20/98	EPM
Ethylbenzene	$\mu g/l$	50.0	283.		08/20/98	EPM
Methyl tert Butyl Ether	μg/1	50.0	Х		08/20/98	EPM
Toluene	μg/1	50.0	Х		08/20/98	EPM
1,2,4-Trimethylbenzene	μg/1	50.0	342.		08/20/98	EPM
1,3,5-Trimethylbenzene	µg/1	50.0	87.1		08/20/98	EPM
m- & p-Xylene	µg/1	50.0	721.		08/20/98	EPM
o-Xylene & Styrene	μg/1	50.0	181.		08/20/98	EPM
WI DNR						
Diesel Range Organics	µq/l	2000.	21,300.	D2A	08/25/98	DJB
Water Org Ext - DRO	, 5.	-	COMP		08/24/98	CKV
Analytical No.:			46635			

X = Analyzed but not detected.

All Analyses conducted in accordance with U.S. Filter Quality Assurance Program. Wisconsin Lab Certification No. 737053130/U.S. Filter Corp., 301 W. Military Rd., Rothschild, WI 54474 Ph. (800) 338-7226 Fax (715) 355-3221



GEO Management Consultants P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260 Attn: Robert Hachenberg/ H	e, Inc. Merb Hentze	en		CUST NUM SAMPLED DATE REC REPORT D PREPARED REVIEWED	BER: 97E50 BY: Client 'D: 08/18/ ATE: 08/27/ BY: LMP BY: W	98 98
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		Reporting	TRIP BLANK-USF		Date	
	<u>Units</u>	<u>Limit</u>	08/17/98	<u>Qualifier</u> s	<u>Analyzed</u>	<u>By</u>
EPA 8021 Benzene Ethylbenzene Methyl tert Butyl Ether Toluene	μg/l μg/l μg/l μg/l	0.5 1.0 1.0 1.0	X X X X X		08/20/98 08/20/98 08/20/98 08/20/98 08/20/98	EPM EPM EPM EPM EPM
1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m- & p-Xylene o-Xylene & Styrene	μg/l μg/l μg/l	1.0 1.0 1.0	X X X X		08/20/98 08/20/98 08/20/98	EPM EPM EPM
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an a su	Address: P.O. SJX.	24260			Address:	<u>6937</u>	D.	<u>m:u</u> • 1.17	Mond 53	218	
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CUST NUMBER: 97E50 SAMPLED BY: Client

PREPARED BY: LMP REVIEWED BY:

DATE REC'D: 10/10/98 REPORT DATE: 10/22/98

YA

GEO Management Consultants, Inc. P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260

Attn: Bob Hackenburg/ Herb Hentzen

	Units	Reporting Limit	B8 10/09/98	Qualifiers	Date Analyzed	<u> </u>
EPA 8021_	4-				10/10/00	
Benzene	μg/1	0.5	Х		10/19/98	EPM
Ethylbenzene	µg/l	1.0	1.59		10/19/98	EPM
Methyl tert Butyl Ether	μg/l	1.0	Х		10/19/98	EPM
Toluene	$\mu q/l$	1.0	2.87		10/19/98	EPM
1.2.4-Trimethvlbenzene	$\mu q/l$	1.0	5.56		10/19/98	EPM
1.3.5-Trimethylbenzene	$\mu q/l$	1.0	2.49		10/19/98	EPM
m - k p - Xylene	$\frac{\mu g}{\mu a}$	1.0	4.00		10/19/98	EPM
o-Xylene & Styrene	μg/1	1.0	2.31		10/19/98	EPM
WI DNR						
Diesel Range Organics	μg/l	2,000.	19,700.	D2A D4	10/15/98	DJB
Water Org Ext - DRO		-	COMP		10/14/98	CKV
Analytical No.:			51826			

		Reporting	TRIP BLANK-US	F	Date	
	Units	Limit	10/09/98	<u>Qualifiers</u>	Analyzed	Ву
EPA 8021						
Benzene	μg/l	0.5	Х		10/19/98	EPM
Ethylbenzene	$\mu g/l$	1.0	Х		10/19/98	EPM
Methyl tert Butyl Ether	$\mu g/l$	1.0	Х		10/19/98	EPM
Toluene	$\mu g/l$	1.0	Х		10/19/98	EPM
1,2,4-Trimethylbenzene	$\mu g/l$	1.0	Х		10/19/98	EPM
1,3,5-Trimethylbenzene	$\mu g/l$	1.0	Х		10/19/98	EPM
m- & p-Xylene	$\mu g/l$	1.0	Х		10/19/98	ΕPM
o-Xylene & Styrene	μg/1	1.0	Х		10/19/98	EPM
Analytical No.:			51827			

X = Analyzed but not detected.

All Analyses conducted in accordance with U.S. Filter Quality Assurance Program. Wisconsin Lab Certification No. 737053130/U.S. Filter Corp., 301 W. Military Rd., Rothschild, WI 54474 Ph. (800) 338-7226 Fax (715) 355-3221

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U.S. FILTER/ENVIROSCA	N 301 W. MILITARY RD. RC	OTHSCHILD, WI 54474 1-800-338-SCAN
REPORT TO:	BILL/TO	D: (if different from Report To info):
Company:	Comparis Comparis	W. Hontzen Coatings, Inc.
Address: Pp. Box 2/26	Address	: 6937 W. Mill Road
$\frac{11/1/41.47.53}{44-7}$	5224-0260	MII Was bee, WT 53218
P.O. # 31314	Filone:	
Project #_ 97E50 Qu Location	ote # <u>6012</u>	ANALY IICAL REQUES IS (use separate sheet if necessary)
Sample Type	Turnaround Time	
(Check all that apply)	Normal	
	[] Hush (Pre-approved by Lab)	
Soil/Solid	Date Needed	
Drinking Water	Approved By	
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GEO Management Consultants, Inc. P.O. Box 24260 9321 North 107 Th. Street Milwaukee, WI 53224-0260

Attn: Robert Hackenberg/ Herb Hentzen

	Units	Reporting Limit	B-7 10/21/98	<u>Qualifier</u> s	Date Analyzed	Ву
EPA 8021						
Benzene	μg/l	0.5	0.830		10/28/98	LMP
Ethylbenzene	$\mu g/l$	1.0	7.17		10/28/98	LMP
Methyl tert Butyl Ether	μg/1	1.0	Х	CSL	10/28/98	LMP
Toluene	$\mu q/1$	1.0	76.9		10/28/98	LMP
1,2,4-Trimethylbenzene	$\mu q/l$	1.0	4.69		10/28/98	LMP
1,3,5-Trimethylbenzene	$\mu q/1$	1.0	1.54		10/28/98	LMP
m- & p-Xvlene	$\mu q/l$	1.0	41.8		10/28/98	LMP
o-Xylene & Styrene	μg/1	1.0	14.4		10/28/98	LMP
Analytical No.:			52824			

	Units	Reporting Limit	B-9 10/21/98	Qualifiers	Date Analyzed	Ву
EPA 8021						
Benzene	μg/l	0.5	Х		10/28/98	LMP
Ethylbenzene	μg/1	1.0	Х		10/28/98	LMP
Methyl tert Butyl Ether	$\mu g/l$	1.0	Х	CSL	10/28/98	LMP
Toluene	$\mu g/l$	1.0	1.61		10/28/98	LMP
1,2,4-Trimethylbenzene	$\mu g/l$	1.0	Х		10/28/98	LMP
1,3,5-Trimethylbenzene	$\mu g/1$	1.0	Х		10/28/98	LMP
m- & p-Xylene	μg/1	1.0	Х		10/28/98	LMP
o-Xylène & Styrene	μg/1	1.0	х		10/28/98	LMP
WI DNR						
Diesel Range Organics	μq/l	100.0	418.	D2 D5	10/27/98	CKV
Water Org Ext - DRO		-	COMP		10/27/98	CKV
Analytical No.:			52825			

X = Analyzed but not detected.

CUST NUMBER: 97E50

PREPARED BY: LMP REVIEWED BY: IN

DATE REC'D: 10/22/98

REPORT DATE: 10/30/98

Client

SAMPLED BY:

All Analyses conducted in accordance with U.S. Filter Quality Assurance Program. Wisconsin Lab Certification No. 737053130/U.S. Filter Corp., 301 W. Military Rd., Rothschild, WI 54474 Ph. (800) 338-7226 Fax (715) 355-3221

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a state	Address: <u>P.O. B.S.X</u> Millionalis	24260 WI 53	224		_ Address	s: <u>6437</u> M://	W. wanke	<u>Mill Ka</u>	53.	218	<u></u>
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10000000000000000000000000000000000000	P.O. # 31314 Project # 975 D	Quete #	60/2				AN	ALYTIC	AL R	EQUEST	S
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LABORATORIES, Inc. 140 E. Ryan Road, Oak Creek, WI 53154-4599 414-764-7005 • FAX 414-764-0486 • 1-800-422-2195

WE ARE AN EQUAL OPPORTUNITY EMPLOYER

FINAL REPORT - Reprinted on 1 Dec 1998

Report Date: 23 Nov 1998 Lab Number: 98-L5271 Work Order #: 25-2038 Lab Matrix: GW

Project Name: Hentzen Coatings Sample Desc: B-7/Hentzen Coatings Project Number: 97E50

Container Integrity: Meets Standard, Sample Integrity: Meets Standard

	Wet	Dry					Test	
	Result	Result	Unit	LOD	LOQ	Procedure	Date	
Heterotrophic Plate Count	20000	N/A	CFU/mL	1.	1.	SM 9215B	13 Nov 1998	
Hydrocarbon Degrading-14	6000	N/A	CFU/mL	1.	1.	In-house-1	20 Nov 1998	

Hydrocarbon source was a mixture of Ethylbenzene, Toluene and Xylene.

Report amended to reflect comment, 12-1-98.

royed by:

All soil and water samples will be disposed of by MVTL 60 days following date of receipt. All waste samples (non-water, non-soil) will be returned 60 days following date of receipt. N/T = Not Tested, N/A = Not Applicable, N/D = Not Detected

D = Detected below the LOQ. J = Estimated below the LOQ.

Elevated Detection Limits:

- @ = Due to matrix interference.
- \$ = Due to sample quantity.
- # = Due to sample concentration.

+ = Due to extract volume.

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

BILL DAVIES GEO MGMT CONSULTANTS INC PO BOX 24260

MILWAUKEE WI 53224-0260

Account #: 030192 Date Sampled: 5 Nov 1998 11:30 Sampled By: Bill Davies Date Received: 5 Nov 1998 15:56

Temperature at Receipt: RECEIVED ON ICE Purchase Order Number: 97E50 Chain of Custody Number: 31001



WI DNR Lab Certification #241283020



BILL DAVIES

PO BOX 24260

MVTL LABORATORIES, Inc.

140 E. Ryan Road, Oak Creek, WI 53154-4599 414-764-7005 • FAX 414-764-0486 • 1-800-422-2195 WE ARE AN EOUAL OPPORTUNITY EMPLOYER

FINAL REPORT - Reprinted on 1 Dec 1998

Report Date: 23 Nov 1998 Lab Number: 98-L5272 Work Order #: 25-2038 Lab Matrix: GW Account #: 030192 Date Sampled: 5 Nov 1998 12:00 Sampled By: Bill Davies Date Received: 5 Nov 1998 15:56

1

MEMBER

WI DNR Lab Certification #241283020

Temperature at Receipt: RECEIVED ON ICE Purchase Order Number: 97E50 Chain of Custody Number: 31001

Project Name: Hentzen Coatings Sample Desc: B-8/Hentzen Coatings

GEO MGMT CONSULTANTS INC

MILWAUKEE WI 53224-0260

Project Number: 97E50

Container Integrity: Meets Standard, Sample Integrity: Meets Standard

	Wet Result	Dry Result	Unit	LOD	LOQ	Procedure	Test Date
Heterotrophic Plate Count Hydrocarbon Degrading-14	5000 30	N/A N/A	CFU/mL CFU/mL	1.	1.	SM 9215B In-house-1	13 Nov 1998 20 Nov 1998

Hydrocarbon source was a mixture of Ethylbenzene, Toluene and Xylene.

Report amended to reflect comment, 12-1-98.

All soil and water samples will be disposed of by MVTL 60 days following date of receipt. All waste samples (non-water, non-soil) will be returned 60 days following date of receipt.

N/T = Not Tested, N/A = Not Applicable, N/D = Not Detected J = Estimated below the LOQ.

D = Detected below the LOQ.

Elevated Detection Limits:

- @ = Due to matrix interference.
- \$ = Due to sample quantity.

= Due to sample concentration.

+ = Due to extract volume.

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Page:

CHAIN OF CUSTODY

Page ____ of ____

MVTL LABORATORIES, Inc. Number 31001 The people we serve..care about the environment 140 EAST RYAN ROADOOAK CREEKOWISCONSINO53154 0414-764-700501-800-422-21950FAX 414-764-0486 (3) UST (5) MATRIX (6) ANALYSIS REQUESTED (METHODS (1) CLIENT: Heatz- (scharge Inc. LAB USE ONLY & DETECTION LIMITS) STATE WORK ORDER #: A DESCRIPTION OF THE PROJECT NAME/#: 9765 WPDES ALL BREELE PROJECT MANAGER: 60 Maryound SAMPLER: 15:11 Davis NPDES RCRA (4) ACCT # # OF CONTAINERS **GROUND WATER** PRESERVATION PECFA DATE WASTEWATER OTHER GRAB COMPOSITE TEMP \NR \ ROI P.O. # MVTL WORK ORDER #: WASTE OTHER 70.61 SOIL TIME DATE (2) SAMPLE IDENTIFICATION (7) REMARKS 11:33 M X X X 4% (1) B-7 11-5-98 11-5-98 12:00 AM/PM X (2) B-8 X X . **X**. T JE And the second AM/PM (3) in the second AM/PM 15.00 御後之後, 如何不能的人。 (4) AM/PM (5) AM/DM (6) AM/PM (7) AM/PM (8) The Barry (18) TURNAROUND TIME IN WORKING DAYS (9) RELINQUISHED BY DATE TIME RECEIVED BY DATE TIME NORMAL *1 *2 *3 *4 *5 *6 *7 *8 *9 *10 11.5.98 3.30 Q. La son 1/5/91 FOR EXPEDITED TURNAROUND TIME CALL CLIENT SERVICES TO **CONFIRM AVAILABILITY AT 414-764-7005** AM/___ ĂM/___ EXPEDITED RESULTS TO BE TRANSMITTED VIA: FAX PHONE FAX # PHONE # AM/ma AM/___ ent vi de la disse de **la de an**testa AM/ (10) DATA PACKAGE OPTIONS AVAILABLE FOR A FEE (PLEASE CIRCLE IF REQUIRED) PACKAGE В ^..../..... AM/ma SEE BACK FOR COMPLETE PACKAGE DESCRIPTIONS (12) OTHER SPECIAL INSTRUCTIONS: B.H. VIA GEO Many mut to (11) IN CASE WE HAVE QUESTIONS WHEN SAMPLES ARRIVE, MVTL Hentze Coctings Inc. Atta: Heib Hentzen 6937 W. Mill Road LABORATORIES, INC. SHOULD CALL: NAME: B.11 Davies PHONE # 354-7600 Milwankee, WI SEND REPORTS TO GEO Manageme.

APPENDIX J

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GEO MANAGEMENT CONSULTANTS INCORPORATED Representing clients with environmental concerns. RECEIVED

JUL 0 7 1997

D.N.R. SED Hatrs.

Milwaukee, WI

July 1, 1997

Mr. Michael G. Farley Wisconsin Department of Natural Resources P.O. Box 12436 Milwaukee, Wisconsin 53212

RE: Submittal of Site Investigation Work Plan for Hentzen Coatings, Inc., 6937 West Mill Road, Milwaukee, Wisconsin 53218. Facility ID# 241017590, BRRTS # 02-41-120032.

Dear Mr. Farley:

GEO Management Consultants, Incorporated has been contracted to perform site investigation activities at the above referenced site. Enclosed please find one copy of the work plan titled "Initial Site Investigation Work Plan For: Hentzen Coatings, Inc., 6937 West Mill Road, Milwaukee, Wisconsin 53218" for WDNR review. This workplan has been prepared in response to the Wisconsin Department of Natural Resources letter to Mr. Herb Hentzen, dated April 10, 1997.

If you have any questions or comments regarding the investigation activities presented in the work plan, please contact the undersigned at (414) 354-7600.

Sincerely,

GEO Management Consultants, Inc.

Robert L. Hackenberg President/Director of Operations

RLH/ddf

Enclosure

cc: Mr. Herb Hentzen, Hentzen Coatings, Inc.

hentzen\wdnrwp.ltr

INITIAL SITE INVESTIGATION WORK PLAN

For:

Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, Wisconsin 53218 FACILITY ID# 241017590 BRRTS # 02-41-120032

Prepared For:

Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, Wisconsin 53218

Prepared By:

GEO Management Consultants, Incorporated P. O. Box 24260 9321 North 107th Street Milwaukee, Wisconsin 53224

June 26, 1997

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FIGURE

1. Site Location Map.

ATTACHMENTS

Attachment 1 - Material Safety Data Sheet - Hydraulic Oil Attachment 2 - WDNR Correspondence

SITE INVESTIGATION WORK PLAN

SITE INVESTIGATION SCOPING

HISTORY AND BACKGROUND

Hentzen Coatings, Inc. ("HCI") operates a coating manufacturing facility located at 6937 West Mill Road, Milwaukee, Wisconsin 53218 (the "Site"). The Site location is shown in Figure 1. HCI operates hydraulic lift systems as part of the coating manufacturing process. The hydraulic lift systems are generally located beneath the concrete floor of the manufacturing area and contain approximately 50-gallons of hydraulic oil each. On December 18, 1996 and March 21, 1997, The Mill Road Company, LLC (the "Site Owner") reported low volume releases of hydraulic oil from two hydraulic lift systems to the Wisconsin Department of Natural Resources ("WDNR"). The hydraulic oil contained in the hydraulic lift systems at the time of the reported releases (6130 Monolec Hydraulic Oil) was reportedly supplied to HCI by Lubrication Engineers, Inc. of Fort Worth, Texas ("LEI"). The material safety data sheet ("MSDS") supplied to HCI by LEI, does not list the presence of polychlorinated biphenyls ("PCBs") as an ingredient of the oil. A copy of the MSDS for the hydraulic oil is provided in Attachment 1.

On April 10, 1997, the WDNR responded to the reported low volume hydraulic oil releases in correspondence addressed to Mr. Herb Hentzen, Mill Road Company, LLC. The correspondence outlined the WDNR's requirements and the Site Owner's legal responsibilities regarding the reported releases. A copy of the April 10, 1997 WDNR correspondence is provided in Attachment 2.

The Site Owner has selected GEO Management Consultants, Incorporated ("GEO Management") as the environmental consultant for investigation/possible remedial activities at the Site in accordance with the WDNR's "Step 1" instructions (see Attachment 2). This initial investigation work plan has been prepared in accordance with the WDNR's "Step 2" requirements and NR716 Wisconsin Administrative Code ("WAC") standards.

Site investigation and other potential remedial activities conducted at the Site are subject to the requirements, standards and conditions of the WDNR. The WDNR correspondence (Attachment 2) states that the case has been assigned an unknown ranking based on the limited information available when the WDNR was notified of the releases.

IMMEDIATE AND INTERIM REMEDIAL ACTIONS

No immediate or interim remedial actions have been initiated at the Site to date.

POTENTIAL RECEPTORS

No receptors have been identified at the Site at this time. The Site is supplied by the City of Milwaukee municipal water service and sanitary sewer systems. Investigation sampling and/or monitoring may be required to determine the extent of petroleum impact following removal of the two hydraulic lift systems.

SITE LOCATION DATA

Site Location Name: WDNR BRRTS #: WDNR Facility ID#	Hentzen Coatings, Inc. 02-41-120032 241017590
Site Legal Description:	NE 1/4 of the NW 1/4 of Sec. 27, T8N, R21E
Site Address:	Hentzen Coatings, Inc. 6937 West Mill Road Milwaykaa Wisconsin 53218
County:	Milwaukee
Responsible Party: Responsible Party Address:	Hentzen Coatings, Inc. 6937 West Mill Road Milwaukee, Wisconsin 53218 Contact: Mr. Herb Hentzen (414) 353-4200
WDNR Contact Person: WDNR Address:	Mr. Michael G. Farley, BRR Program Assistant Wisconsin Department of Natural Resources P.O. Box 12436 Milwaukee, Wisconsin 53212 (414) 229-0808
Consultant Contact Person: Consultant Address:	Mr. Robert L. Hackenberg GEO Management Consultants, Inc. P. O. Box 24260 9321 North 107th Street Milwaukee, Wisconsin 53224 (414)-354-7600
Hydraulic Lift System Removal Contractor:	To be determined at later date.
Laboratory Contact Person:	To be determined at later date.

ANTICIPATED SITE CONDITIONS

The Site is located at approximately 735 feet (USGS datum) elevation in an area of heavy industry and residential development. The Site is mostly asphalt paved with little slope (Figure 1). The area is served by the municipal sanitary and storm sewer systems.

The following Site conditions are anticipated based on the hydraulic oil release reports and local and regional information:

- Hydraulic oil related soil impact beneath the concrete floor of the manufacturing area.
- Relatively low conductivity soil types consisting generally of clays and silty clays.
- Groundwater depth is unknown but may occur between 10-20 feet below grade
- Investigative waste will be kept on-site in contained storage pending later disposal.

SITE INVESTIGATION SAMPLING AND ANALYSIS

SAMPLING AND ANALYSIS STRATEGY

All Site investigation activities shall be planned and conducted in accordance with NR141, NR500, and NR716 WAC, "LUST and Petroleum Analytical and QA Guidance (July 1993)", and other applicable regulatory guidance, regulations, requirements and standards. The Site Health and Safety Plan ("HASP") will be followed when work is performed at the Site. It is anticipated that all Site work will be conducted with Level D health and safety protection. Continuous air monitoring will be performed during hydraulic lift system removal and soil sampling activities.

The field investigation will be conducted in accordance with NR716 WAC requirements and standards as directed by GEO Management's on-site personnel. The field investigation will include monitoring of soil conditions during removal of the two hydraulic lift systems, soil headspace measurements, occurrence of groundwater (if any), and soil sampling and analyses.

If field observations indicate impact to soil, samples of the soil will be collected and submitted to a State-certified analytical laboratory for analysis of diesel range organics ("DRO"). Because the hydraulic oil contained within the lift systems at the reported time of release did not contain PCBs (see Attachment 1), the soils will not be analyzed for PCB content.

Should evidence of impact to Site soils be noted at the time of hydraulic lift system removal, a limited overexcavation of impacted soil may be performed in an attempt to remediate the release area. Overexcavated soils would be stockpiled at the Site and confirmatory soil sampling conducted at the limit of overexcavation. A chain-of-custody form (WDNR Form 4400-15, or equal) will be completed and accompany the soil samples submitted for laboratory analysis.

SAMPLE PRESERVATION

Soil samples will be collected and preserved in accordance with the NR716 WAC and "LUST and Petroleum Analytical and QA Guidance (July 1993)" standards and requirements, and as directed by the laboratory facility. Samples will be stored on ice in a cooler to maintain a temperature of 4°C or less. Field preservation, analytical methods and holding times for DRO.

		Container	Field	Maximum
Sample	Method	Size	Preservation	Hold Time
DRO(soil)	Modified DRO	60 ml	Cool to 4°C	47 days

PREVENTION OF CROSS CONTAMINATION

Cross contamination of samples will be prevented to the greatest extent possible. Decontamination of all soil sampling equipment will be performed between the collection of each sample. Decontamination will be performed with an Alconox (or equal) and water solution.

INVESTIGATIVE WASTE DISPOSAL

The initial investigative wastes generated at the Site may consist of a limited volume of soil removed (overexcavated) during the hydraulic lift system closures. Overexcavation soil storage (if any) will be provided at the Site in accordance with NR718 WAC requirements and standards.

PROPOSED SITE INVESTIGATION SCHEDULE

GEO Management proposes the following tentative schedule in accordance with previous WDNR correspondence:

1. **Consultant Selection** Complete -May 23, 1997 2. Work Plan Submittal July 6, 1997 WDNR Work Plan Approval 3. Not applicable due to Site ranking Hydraulic Lift System Removals 4. July-August 1997 5. 90 Day Report October 1997 Remedial Investigation and Remedial Following completion of Site 6. Action Plan ("RAP") Report Submittal Investigation Activity (if required)

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LUBRICATION ENGINEERS, INC. P. O. BOX 7128 FORT WORTH, TX 76111

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

SUPPLIER: Lubrication Engineers, Inc. 3851 Airport Freeway Fort Worth, TX 76111

CHEMICAL NAME AND SYNONYMS: Not Applicable EMERGENCY TELEPHONE NO.: (817) 834-6321

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TRADE NAME AND SYNONYMS: 6130 Monolec Hydraulic Oil

CHEMICAL FAMILY: Hydrocarbon FORMULA: Not Applicable

TYPICAL CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE: VISCOSITY: At 210 F, SUS At 100 C, cSt 11.5 64 Red Lubricant At 40 C, cSt At 100 F, SUS ODOR: VISCOSITY: 100 525 Lube Oil Odor . SOLUBILITY IN WATER: PH: RELATIVE, DENSITY: 6-8 Negligible (Air=1) > 1MELTING POINT: POUR POINT: Not Applicable -10 F BOILING POINT: F FLASH POINT: F (Method) 450 (C.O.C.) >500 VAPOR PRESSURE: . SPECIFIC GRAVITY: (H20=1) (MM HG 60 F) <5 . 0.88

6130 Monolec Hydraulic Oil Effective Date: 07/23/93

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SECTION III

HAZARDOUS INGREDIENTS:	WT PCT (APPROX)	TLV	ORAL LD50	DERMAL LD50
Oil Mist Zinc dithiophosphate Zinc Compounds Butylated phenol 1-hexanol, 2-ethyl (2-Ethylhexanol)	>90.0 <1.0 <1.0 <1.0 <0.5 <0.25	5mg/m3-TWA Unknown Unknown Unknown Unknown	Unknown Unknown Unknown Onknown 2460mg/ kg Rat	Unknown Unknown Unknown Unknown Unknown

NON-HAZARDOUS INGREDIENTS:

Additives and/or other ingredients. This product is a mixture. The specific chemical identity of hazardous ingredients and non-hazardous ingredients, their C.A.S. numbers and their exact percent of composition are proprietary to Lubrication Engineers, Inc. and are being withheld as Trade Secrets. The above listing of hazardous ingredients discloses the properties, approximate concentration and known toxicological effects of the hazardous ingredients. This material is an automotive/industrial lubricant with a low order of toxicity and irritancy. The product is formulated with ingredients that are not designated as harmful to the ozone.

If this product contains any chemicals that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372, they will be listed in the above HAZARDOUS INGREDIENTS section.

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	F (Method Used)	FLAMMABLE LIMITS:	LEL	UEL
450 F	(C.O.C.)	Unknown		

EXTINGUISHING MEDIA:

Foam, dry chemical, water fog, or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES:

Do not direct a solid stream of water into fire. Treat as a petroleum oil fire. Respiratory protection required for fire fighting personnel.

6130 Monolec Hydraulic Oil Effective Date: 07/23/93

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UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HEALTH HAZARD DATA

********* SECTION V ********

THRESHOLD LIMIT VALUE: (If Established) Not established. Oil mist = 5mg/m3

EFFECTS OF OVEREXPOSURE:

Although there are no consistent primary routes of entry, the product may cause mild dermititis upon prolonged contact and is expected to be an eye and lung irritant. Any existing skin, eye, or lung irritation may be aggravated by direct contact. No components are listed on OSHA, I.A.R.C., or N.T.P. lists for carcinogens.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:

Flush immediately with water until irritation subsides.

SKIN CONTACT:

Wash affected skin area with mild soap and water.

INGESTION:

Do not, induce vomiting. Contact a physician.

INHALATION:

Remove to fresh air. If not breathing, give artificial respiration. Contact a physician.

REACTIVITY DATA

STABILITY: (Thermal, Light, Etc.) Stable CONDITIONS TO AVOID: Contact with nuclear radiation and strong oxidizing materials.

INCOMPATIBILITY: (Materials to avoid) Strong oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Dense smoke and oxides of C, S, N, P, Zn, and Ca; hydrogen sulfide.

6130 Monolec Hydraulic Oil Effective Date: 07/23/93

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JUN 25 '97 01:15PM HENTZEN COATINGS

HAZARDOUS POLYMERIAZATION: Will not occur.

SPILL OR LEAK PROCEDURES STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Treat as a petroleum oil spill.

WASTE DISPOSAL METHOD:

Incinerate where permitted under federal, state, and local laws. Used petroleum products may be recycled through re-refining processes.

SPECIAL PROTECTION INFORMATION

EYE PROTECTION:

Sufficient to avoid direct contact

SKIN PROTECTION: Protective neoprene or plastic gloves may be desired.

RESPIRATORY PROTECTION: Usually not needed.

VENTILITATION:

Usually not needed in open, unconfined areas.

OTHER:

Usually Not needed.

SPECIAL PRECAUTIONS

Close containers when not in use. Keep away from heat, sparks, open flames, and strong oxidants. Avoid eye contact and prolonged skin contact. Avoid breathing oil mists. Wash thoroughly after handling.

6130 Monolec Hydraulic Oil Effective Date: 07/23/93 JUN 25 '97 01:15PM HENTZEN COATINGS

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SECTION XI *****************

HAZARD RATINGS

There are several recognized and accepted systems that assign hazard ratings to materials. Although this product has not been evaluated specifically against these systems, the ratings for the National Fire Protection Association (NFPA) and the National Paint and Coatings Association's Hazardous Material Identification System (HMIS) are:

NFPA

HMIS

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State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor George E: Meyer, Secretary Gloria L. McCutcheon, Regional Director

UCU MANAUCMENT

Southeast Ragion Annex 4041 N. Richards Street, Box 12436 Milwaukee, WI 53212-0436 TELEPHONE 414-229-0800 FAX 414-229-0810

P.2/4

April 10; 1997

BRRTS# : 02-41-120032 Facility ID#: 241017590 BRR/ERP

HERB HENTZEN MILL ROAD COMPANY LLC 6937 W MILL RD MILWAUKEE WI 53218

SUBJECT: Reported Contamination at Hentzen Coatings Inc., 6937 W. Mill Rd., Milwaukec

Dear Mr. Hentzen:

On 3-21-97 you reported to the Department that hydraulic lift system oil had caused comtamination at the subject address.

Based on the information submitted to the Wisconsin Department of Natural Resources (WDNR), we believe you are responsible for restoring the environment at the referenced site under Section 292, Wisconsin Stats., known as the hazardous substances spills law. Utilizing information submitted to the Dopartment, this case has been assigned an unknown ranking due to the lack of information concerning soil and groundwater contamination.

WDNR Southeast Region Prioritization and Scoring Policy

Due to the WDNR workload, it is necessary to rank all contamination cases for review priority. Lower priority cases do not have assigned project managers, however, responsible parties are required to proceed with investigation and clean-up efforts. Due to the lack of information about this site, its relative priority cannot be determined. Therefore, the priority ranking of this site is considered unknown. Until a priority has been assigned to this site, you should proceed with the required response work, submitting all plans and reports, along with quarterly status reports, to this office. The WDNR will notify you if your site will receive active oversight.

Your responsibilities include investigating the extent of the contamination and then selecting and implementing the most appropriate remedial action. Enclosed is information to help you understand what you need to do to ensure your compliance with the spills law.

The purpose of this letter is threefold: 1) to describe your legal responsibilities, 2) to explain what you need to do to investigate and clean up the contamination, and 3) to provide you with information about cleanups, environmental consultants, possible financial assistance, and working cooperatively with the Department of Natural Resources.

Legal Responsibilities:

Your legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:



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RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Codes chapters NR 700 through NR 728 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:

The longer contamination is left in the environment the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and to neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first four steps to take

1. By 5-23-97, please submit <u>written</u> verification (such as a letter from the consultant) that you have hired an environmental consultant. You will need to work quickly to meet this timeline.

2. By 7-6-97, your consultant must submit a workplan and a schedule for conducting the investigation. The consultant must follow the Department's administrative codes and our technical guidance documents. Please include with your workplan a copy of any previous information that has been completed (such as an underground tank removal report or a preliminary soil excavation report).

3. Please keep us informed of what is being done at your site. Submittal requirement timelines are dependent upon the contaminants of concern at the site. As described in Chap. NR 700.11, if the site meets the criteria for a "simple site", progress reports must be submitted semiannually, beginning 6 months from the initial notification date. If the site meets the criteria for a "complex site", the site investigation report and a draft remedial options report must be submitted to the Department within 30 days of completion of both reports. Your consultant must clearly document the extent and degree of soil and groundwater contamination and submit a proposal for cleaning up the contamination.

4. For complex sites, per chapter NR 724.13(3), you or your consultant must provide us with a <u>brief</u> report at least every 90 days, starting after the remediation system begins operation. The reports should summarize the work completed since the last report. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. However, please note that should conditions at your site warrant, you may receive a letter requiring more frequent contacts with the Department.

Due to the number of contaminated sites and our staffing levels in the WDNR Southeast Region, we will be unable to provide workplan approvals for investigations or remedial actions. To maintain your compliance with the spills law and chs. NR 700 through NR 728, do not delay the investigation and cleanup of your site by waiting for WDNR responses. We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

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Your correspondence and reports regarding this site should be sent to:

Michael Farloy BRR Program Assistant Wisconsin Department of Natural Resources Box 12436 4041 N Richards St Milwaukee WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRTS and FID numbers shown at the top of this letter.

Information for Site Owners:

Enclosed is a list of environmental consultants and some important tips on selecting a consultant. If, you are eligible for reimbursement of costs under Wisconsin's PECFA program (see last paragraph) you will need to compare at least three consultants' proposals before hiring a consultant. Consultants and laboratorics working in the PECFA program are required to carry errors and omissions insurance to help protect you against unsuitable work. Also enclosed are materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method. This information has been prepared to help you understand your responsibilities and what your environmental consultant needs to do. Please read this information carefully.

If you are interested in obtaining the protection of limited liability under s. 292, Stats., please contact Mark Giesfeldi at (608) 267-7562 or Darsi Foss at (608) 267-6713, in the Department of Natural Resources' Madison office for more information. The liability exemption under s. 292 Stats., is available to persons who meet the definition of "purchaser" in s. 292 and receive Department approval for the response actions taken at the property undergoing cleanup. The Department will determine eligibility for this program on a case-by-case basis, prior to the "purchaser" developing a scope of work for conducting a ch. NR 716 site investigation at the property.

Financial Information:

Reimbursement from the Petroleum Environmental Cleanup Fund (PECFA) is available for the costs of cleaning up contamination from eligible petroleum storage tanks. The fund is administered by the Department of Industry, Labor, and Human Relations (DILHR). Please contact DILHR at (608) 266-2424 for more information on eligibility and regulations for this program.

Thank you for your cooperation.

Sinceroly,

Michael G. Farley **Program** Assistant 414-229-0808



6937 WEST MILL ROAD MILWAUKEE, WI 53218-1225 TELEPHONE (414) 353-4200 FAX (414) 353-0286

May 21, 1997

Mr. Michael Farley BRR Program Assistant Wisconsin Department of Natural Resources Box 12436 4041 N. Richards Street Milwaukee, WI 53212

RE: BRRTS #: 02-41-120032 Facility I.D. #: 241017590 - BRR/ERP

Dear Mr. Farley:

This letter is to advise we have hired GEO Management Consultants, Inc. as our environmental consultants and we will comply with required reports.

5-229

Please find enclosed a copy of Purchase Order #27477 to GEO Management.

Sincerely,

HENTZEN COATINGS, INC.

Herbert D. Hentzen President

HDH/lmk

Enclosure

cc: A.L. Hentzen W.R. Hentzen
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6937 WE	EST MILL ROAD • MILWAUKE	E, WISCONSIN 53218 •	TELEPHONE (414)	353-4200 • FAX (41	4) 353-0286	
то:	*				PURCHA	ASE ORDER
	GEO MANAGEMENT P.O. BOX 24260 9321 N 107th ST		. N C		No.	
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State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor George E. Meyer, Secretary Gloria L. McCutcheon, Regional Director Southeast Region Annex 4041 N. Richards Street, Box 12436 Milwaukee, WI 53212-0436 TELEPHONE 414-229-0800 FAX 414-229-0810

April 10, 1997

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2. By 7-6-97, your consultant must submit a workplan and a schedule for conducting the investigation. The consultant must follow the Department's administrative codes and our technical guidance documents. Please include with your workplan a copy of any previous information that has been completed (such as an underground tank removal report or a preliminary soil excavation report).

3. Please keep us informed of what is being done at your site. Submittal requirement timelines are dependent upon the contaminants of concern at the site. As described in Chap. NR 700.11, if the site meets the criteria for a "simple site", progress reports must be submitted semiannually, beginning 6 months from the initial notification date. If the site meets the criteria for a "complex site", the site investigation report and a draft remedial options report must be submitted to the Department within 30 days of completion of both reports. Your consultant must clearly document the extent and degree of soil and groundwater contamination and submit a proposal for cleaning up the contamination.

4. For complex sites, per chapter NR 724.13(3), you or your consultant must provide us with a <u>brief</u> report at least every 90 days, starting after the remediation system begins operation. The reports should summarize the work completed since the last report. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. However, please note that should conditions at your site warrant, you may receive a letter requiring more frequent contacts with the Department.

Due to the number of contaminated sites and our staffing levels in the WDNR Southeast Region, we will be unable to provide workplan approvals for investigations or remedial actions. To maintain your compliance with the spills law and chs. NR 700 through NR 728, do not delay the investigation and cleanup of your site by waiting for WDNR responses. We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

Your correspondence and reports regarding this site should be sent to:

Michael Farley BRR Program Assistant Wisconsin Department of Natural Resources Box 12436 4041 N Richards St Milwaukee WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRTS and FID numbers shown at the top of this letter.

Information for Site Owners:

Enclosed is a list of environmental consultants and some important tips on selecting a consultant. If you are eligible for reimbursement of costs under Wisconsin's PECFA program (see last paragraph) you will need to compare at least three consultants' proposals before hiring a consultant. Consultants and laboratories working in the PECFA program are required to carry errors and omissions insurance to help protect you against unsuitable work. Also enclosed are materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method. This information has been prepared to help you understand your responsibilities and what your environmental consultant needs to do. Please read this information carefully.

If you are interested in obtaining the protection of limited liability under s. 292, Stats., please contact Mark Giesfeldt at (608) 267-7562 or Darsi Foss at (608) 267-6713, in the Department of Natural Resources' Madison office for more information. The liability exemption under s. 292 Stats., is available to persons who meet the definition of "purchaser" in s. 292 and receive Department approval for the response actions taken at the property undergoing cleanup. The Department will determine eligibility for this program on a case-by-case basis, prior to the "purchaser" developing a scope of work for conducting a ch. NR 716 site investigation at the property.

Financial Information:

Reimbursement from the Petroleum Environmental Cleanup Fund (PECFA) is available for the costs of cleaning up contamination from eligible petroleum storage tanks. The fund is administered by the Department of Industry, Labor, and Human Relations (DILHR). Please contact DILHR at (608) 266-2424 for more information on eligibility and regulations for this program.

Thank you for your cooperation.

Sincerely,

Michael G. Farley Program Assistant 414-229-0808 N,

P.1/3

24/0/7590

6937. WEST MILL ROAD Milwaukee, wi 59218-1225

HENTZE

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TELEPHONE (414) 353-4200 FAX (414) 353-0286

FAX COV	ER SHEET
TO: Mr. Michael G. Farley	COMPANY: Wis, DNR - SED
FAX #: (414) 229-0810	DATE: 3/24/97
FROM: Hentzen Contings	# OF PAGES INCLUDING COVER: 3
COMMENTS:	

COATINGS, INC.

Wisconsin Department of Natural Resources Notification of Petroleum Contamination from Underground Storage Tank System Please complete this form and FAX it to the appropriate DNR contact person listed on the back page of this form inunediately upon discovery of a release from an UST system. DNR, Ann. 14r-Michael G. Farley - SED FAX#: (414) 229-0810 TO; 1. Name, company, mailing address and phone number of person reporting the discharge: Herbert D. Hentzen Hentzen Couting SINC 6937 W-Mill Rd Milwandize, WI 53218 (414) 353-4200 2. Size Information: Name of site at which discharge occurred (local name of site/business, not responsible party name -unless a Hentzen Coatings, Inc. residence); Location (acrual street address, not P.O. box; if no street address, describe as precisely as possible, e.g., 1/4 mile NW 6937 W. Mill Road of CTHs 60 & 123 on E side of CTH 60): Milwacher, WI 53218 Municipality (city, village, toponship in which the site is located - not mailing address): Milwanker Miluantier County: Ligal Description: NE 1/4, NW 1/4, Section 27, To BN, Range ZI (E) W 3. Responsible Party (RP) and/or RP Representative Information Mill Road Company, L.L.C. Company Name: Herb Hentzen Contact Person: Mailing Address (with zip code): 4937 W-Mill Road Milwaukee, WI 53218 (414) 353-4200 Telephone Number: 4. Identity, physical state and quantity of the hazardous substance discharged (check all that apply): Unleaded gasoline Fuel oil Waste oil X Orber Hydraulic Lift System Oil Leaded gasoline Diesel

Impacts to the environment (enter "K" for known or "P" for potential for

Fire/explosion threat	
Contaminated private wells (# of wells)	
Contaminated public wells	
Groundwater contamination	

P	Soil contar
	_Surface wa
	Floating pi
	Other

Contamination was discovered as a result of:

Tank closure essessment

Site assessments

Othe

On what date:

6.

Additional Comments:

Will remediate at same time we do aystem reported on 12/18/96

FAX numbers to report LUST sites in DNR's si

Lake Michigan District: 414-492-5859 Attention: Janis DeBrock

(Florence, Mariaste, Ocoate, Measminee, Shewerso, Waupace, Outagamis, B. Winnebago, Calumet and Manitowoo Counties)

North Central District: 715-365-8932 Attention: Janet Kazda

(Vilas, Oneida, Forest, Lincoln, Lauglade, Marathon, Wood, Portage, Juneau, a Northwest District: 715-635-4105 Attention: Susie Sutton

(Douglas, Bayfield, Ashland, Iron, Burnert, Washburn, Sawyer, Price, Polk, Ba Southern District: 608-275-3338 Attention: Marilyn Jahnke

(Marquette, Green Lake, Richland, Sauk, Fond du Lac, Columbia, Dodge, Dan Lafayette, Green and Rock Counties)

Southeast District: 414-229-0810 Artention: Giselle Red

(Sheboygan, Washington, Ozaukee, Waukesha, Milwaukee, Walworth, Racine Western District: 715-839-6076 Attention: John Grump

(St. Croix, Dunn, Chippewa, Pierce, Pepin, Eau Claire, Clark, Buffalo, Tremp Vernon and Crawford Counties)

Department of Natural Resources Type of Case: LUSTERPX 453M 453P	BRRTS CASE TRACKING FORM SER Form #1 March 20, 1997
ACTIVITY NO. 07-41-120032	FID NO.: 24/017590
County: Milwaukee Site Name: Hentzen Coatings, Inc. Address: 6937 West Mill Road 532/8 Municipality: Milwaukee Legal Desc.: NE 1/4 NW 1/4 Sec 27 Tn 8 Rng 2/CE Lat.: Long.:	Initial Contact Date: RP Letter? Y_N_ Date Mailed: Closure Date: Person/Firm Reporting: <u>Her bert Hentzen</u> <u>Hentzen Coating5</u> , <u>Inc.</u> Phone: $(4/14)$ _ 353 - 4200
Priority: Funding Source: High	Enforcement Authority: Spill Law s. 292.11 Wis. Stats. Envir. Repair Law s. 292.31 Wis. Stats. Solid Waste NR 500 CERCLA Aband. Container s. 292.41 Wis. Stats. Other: Wastewater (lagoons) Haz Waste NR600
Abandoned Containers NR 500 Solid Waste LUST Spills NR 600 Hazardous Waste Superfund	: (L = Lead, S = Support)************************************
RESPONSIBLE PARTY is aCompany or aPerson Company Name: Mill Road Company, 1.1, C. Contact Person: Herb Hentzeh Address: 6937 W. Milwau hee WI 53218 Phone: U/U CC:	CONSULTANT: Company Name: Contact Name: Address: Phone: CC: (EG: lab)
IMPACTS: (enter P for potential, K for known)	SUBSTANCES: #Tanks/containers Size Leaded Gas

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GEO MANAGEMENT CONSULTANTS INCORPORATED

Representing clients with environmental concerns.

FACS	
TO: <u>Mike Farley</u> FACSIMILE #: <u>229-0810</u>	COMPANY: <u>WDNR-SED</u> PHONE #: <u>229-0808</u>
TO: FACSIMILE #:	COMPANY: PHONE #:
TO: FACSIMILE #:	COMPANY: PHONE #:
from: <u>Bob Hackenberg</u> total number of pages sent, including t	_ PROJECT #: <u>962/10</u> THIS PAGE: <u>3</u> DATE: <u>12/18/96</u>
IF ANY PROBLEMS OCCUR WITH THIS TRAM PAGES, PLEASE CALL OUR FACSIMILE OPERAT COMMENTS: <u>Mike - please</u> tele	vsmission or if you have not received all the for at 414-354-7600.
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P.O. Box 24260 Milwaukee, WI 53224-0260 • 9321 North 107th Street, Milwaukee, WI 53224 800-300-2779 • 414-354-7600 • FAX 414-354-7620

Wisconsin Department of Natural Resources

Notification of Petroleum Contamination from Underground Storage Tank System

Please complete this form and FAX it to the appropriate DNR contact person listed on the back page of this form immediately upon discovery of a release from an UST system. Borts: 02-41-120032

DNR, Attn: <u>Mr. Michael G. Farley - SED</u> FAX #: (414) 229-0810 TO:

1. Name, company, mailing address and phone number of person reporting the discharge: Mr. Robert L. Hackenberg GEO Management Consultants, Incorporated 9321 North 107th Street P.O. BOX 24260 Milwaukee, WI 53224-0260 (414) 354-7600

2. Site Information:

Name of site at which discharge occurred (local name of site/business, not responsible party name -unless a residence): Hentzen Coatings, Inc.

Location (actual street address, not P.O. box; if no street address, describe as precisely as possible, e.g., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60): 6937 W. Mill Road Milwaukee, Wi consin 53218

Municipality (city, village, township in which the site is located - not mailing address):

Milwaukee

Milwaukee

County:

Legal Description: <u>NE</u> 1/4, <u>NW</u> 1/4, Section <u>27</u>, Tn <u>8N</u>, Range <u>21</u>(E) W

3. Responsible Party (RP) and/or RP Representative Information

Company Name: Mill Road Company, L.L.C. Contact Person: Mr. Herb Hentzen

Mailing Address (with zip code): 6937 W. Mill Road Milwaukee, Wisconsin 53218

Telephone Number: (414) 353 - 4200

4. Identity, physical state and quantity of the hazardous substance discharged (check all that apply):

Unleaded gasoline	Fuel oil
Leaded gasoline	Waste oil
Diesel	X Other Hydraulic Lift System Oil

P Soil contamination

Other

Surface water impacts Floating product

5. Impacts to the environment (enter "K" for known or "P" for potential for all that apply):

- Fire/explosion threat Contaminated private wells (# of wells) Contaminated public wells
- Groundwater contamination
- Contamination was discovered as a result of: 6.
- Tank closure assessment

Site assessment

X Othe Release report (see below)

On what date:

Additional Comments:

Notification by Hentzen Coatings, Inc. to Mr. Charles Krohn of WDNR-SED on December 17, 1996 (verbal telephone conversation

FAX numbers to report LUST sites in DNR's six districts:

Lake Michigan District: 414-492-5859 Attention: Janis DeBrock (Florence, Marinette, Oconto, Menominee, Shawano, Waupaca, Outagamie, Brown, Door, Kewaunee, Waushara, Winnebago, Calumet and Manitowoc Counties) North Central District: 715-365-8932 Attention: Janet Kazda (Vilas, Oneida, Forest, Lincoln, Langlade, Marathon, Wood, Portage, Juneau, and Adams Counties) Northwest District: 715-635-4105 Attention: Susie Sutton (Douglas, Bayfield, Ashland, Iron, Burnett, Washburn, Sawyer, Price, Polk, Barron, Rusk and Taylor Counties) Southern District: 608-275-3338 Attention: Marilyn Jahnke (Marquette, Green Lake, Richland, Sauk, Fond du Lac, Columbia, Dodge, Dane, Jefferson, Grant, Iowa, Lafayette, Green and Rock Counties) Southeast District: 414-229-0810 Attention: Giselle Red (Sheboygan, Washington, Ozaukee, Waukesha, Milwaukee, Walworth, Racine, and Kenosha Counties) Western District: 715-839-6076 Attention: John Grump (St. Croix, Dunn, Chippewa, Pierce, Pepin, Eau Claire, Clark, Buffalo, Trempealeau, Jackson, LaCrosse, Monroe, Vernon and Crawford Counties)