





SITE ASSESSMENT REPORT FOR UNDERGROUND STORAGE TANK STEARN'S MAGNETIC 6001 SOUTH GENERAL AVENUE CUDAHY, WISCONSIN

Prepared for:

Petroleum Equipment, Inc. 3940 West Douglas Avenue Milwaukee, Wisconsin 53209

Prepared by:

GZA GeoEnvironmental, Inc. N4140 DuPlainville Road Pewaukee, Wisconsin 53072

> December 9, 1993 Project No. 61.3186

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GZA GeoEnvironmental, Inc.

Engineers and Scientists

December 9, 1993 Project No. 61.3186

Petroleum Equipment, Inc. 3950 West Douglas Avenue Milwaukee, Wisconsin 53209



Attention: Mr. Tony Kotlowski

Subject:

Environmental Site Assessment Stearn's Magnetic 6001 South General Avenue Cudahy, Wisconsin 53110

N4140 Duplainville Road Pewaukee, Wisconsin \$3072 414-691-2662 FAX 414-691-9279

Dear Mr. Kotlowski:

At your request and in accordance with our Proposal for Services dated July 7, 1993 (Proposal No. 61.9985), GZA GeoEnvironmental, Inc. (GZA) has completed the Environmental Site Assessment at the above referenced site ("Site") for Petroleum Equipment, Inc. ("Client"). This assessment included the observation of removal of one 8,000 gallon transformer oil underground storage tank and tank removal assessment report.

GZA appreciated the opportunity to work with you on this project, and should you have any need for additional information, please feel free to contact the undersigned.

Very truly yours,

GZA GeoEnvironmental, Inc.

A Subsidiary of GZA GeoEnvironmental Technologies, Inc.

George G. Garňeau, Jr. Senior Project Manager/Geologist

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Attachments

Iohn C. Osborne Associate Principal/District Manager

Mr. Robert Zajc, Stearn's Magnetics/Ohio cc: Tank Response Unit/DNR DILHR

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SITE ASSESSMENT REPORT FOR UNDERGROUND STORAGE TANK STEARN'S MAGNETICS 6001 SOUTH GENERAL AVENUE CUDAHY, WISCONSIN

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1.00 INTRODUCTION

GZA GeoEnvironmental, Inc. (GZA) was contracted by Petroleum Equipment, Inc. ("Client") of Milwaukee, Wisconsin to perform an environmental site assessment during the removal of one 8,000-gallon transformer oil underground storage tank (UST). The UST was located at Stearn's Magnetics in Cudahy, Wisconsin ("Site") (Figure 1). The Site is located in an industrial park between Pennsylvania Avenue and Mitchell International Airport just north of College Avenue. The UST removal activities, visual observations, field screening and analytical methods and results are discussed in this report. This report is also subject to the specific Limitations contained in Appendix A.

2.00 SITE BACKGROUND INFORMATION

Stearn's Magnetics is a manufacturer of industrial magnetics. They had been at the Cudahy facility for several years, but recently moved their operations to their main plant in Ohio and are in the process of selling the Cudahy facility. The UST contents were used in their manufacturing process. To GZA's knowledge, the former 8,000-gallon UST was the only tank used on site.

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2.10 Owner/Responsible Party:

Facility Contact:

2.20 Site Location:

Site Description:

6001 South General Avenue Cudahy, Wisconsin 53110

Stearn's Magnetics, Inc. 5400 Dunham Rd.

Mr. Robert Zajc (216) 662-8484

Maple Heights, Ohio 44137-3687

NE ¼, SW ¼, Section 34 T6N, R22E City of Cudahy Milwaukee County

Type of Operation:

Industrial Magnetics Manufacturer

Printed on Recycled Paper



3.00 UST ACTIVITIES AND EXCAVATION

A GZA state certified site assessor (certification No. 2734) was on Site August 10, 1993, to oversee the removal of the 8,000-gallon transformer oil UST. The tank had been in service since about 1982. No information was available regarding tank monitoring records, past spills or tank testing and repairs. The tank was excavated and removed by Petroleum Equipment, Inc. and cleaned by Central Tank Service, Inc. (CTSI) of West Allis, Wisconsin. The tank was then cut apart on Site and taken, along with all associated piping, to Miller Compressing of Milwaukee as scrap metal. Documentation from Miller Compressing is presented in Appendix B.

Approximately 275 gallons of water were pumped from the UST by CTSI prior to removing it from the excavation. It was reported to GZA that the water entered the UST by means of a fill pipe that had been left open for a period of time. The water was placed in five 55-gallon Department of Transporation approved drums, labelled and temporarily stored on Site. After the water was removed from the tank, CTSI checked for the presence of flammable vapors prior to removing the UST from the excavation. Because the lower explosive limit in the UST was below 10 percent both in and out of the excavation, no purging of flammable vapors was performed. The UST was cleaned using oil absorbent and rags. One 55-gallon drum of sludge was collected. This drum was also labelled and temporarily stored on Site. After receipt of the analytical results of samples collected from the drums, the contents of the drums will be properly disposed by Client.

A City of Cudahy fire inspector was on Site to document the UST removal activities. A checklist for underground tank closure (Form No. SBD-8951) was filled out on Site and submitted to the Wisconsin Department of Industry, Labor and Human Relations (DILHR). An underground petroleum product tank inventory form (Form No. SBD-7437) was also completed and submitted to DILHR. Copies of both forms are presented in Appendix C.



The UST was in good condition with no visible holes and all associated piping was properly connected and appeared to be in good condition. The final extent of the excavation was 27' long x 18' wide x 11' deep (Figure 2). The removed soil was temporarily stockpiled to the north of the excavation on an asphalt surface. There was no visual evidence of petroleum staining in either the backfill or native soil surrounding the UST. To confirm this, several soil samples were collected and field screened. In addition, two soil samples were also collected for confirmatory laboratory analysis. Following sample collection and field screening, the stockpiled soil was returned to the excavation. Clean stone fill was used to bring the excavation back to grade.

3.10 Site Geology

The site-specific soil sequence is comprised of both natural soils and fill materials. The soil sequence is summarized below:

- 0 0.3' Asphalt pavement;
- 0.3 1.0' Sandy gravel fill, dry;
- 1.0 10.0' Silty clay with traces of sand, medium to dark brown in color, dry; and
- 10.0 11.0'- Silty sand, fine, well sorted, wet.

4.00 SOIL SAMPLING METHODS/FIELD SCREENING AND LABORATORY RESULTS

As previously discussed, no visible staining or petroleum odors indicative of petroleum contamination were present in the fill material around the tank. To confirm this, a total of seven soil samples were collected from the stockpiled backfill material surrounding the UST and from the bottom of the excavation. The soil samples were field screened for volatile organic compounds (VOCs) using a photoionization detector (PID) equipped with a 10.6 eV lamp calibrated to the manufacturer's specifications using isobutylene gas prior to sample analysis. Headspace analysis was performed by placing soil into a zip-lock freezer bag, warming the sample to approximately 70°F, inserting the probe

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of the PID into the bag and recording the highest stable value. In addition to the seven field screened samples, two samples (BE-1 and BW-1) collected from below the east and west end of the UST, respectively, were submitted for laboratory diesel range organics (DRO) analysis. The laboratory samples were placed in laboratory prepared bottles according to Wisconsin Department of Natural Resources (WDNR) suggested methods for DRO analysis and kept chilled at approximately 40°F while in the field and during transport to Suburban Analytical Laboratories of Waukesha, Wisconsin, (WDNR Certification #241178850). Because the tank was less than five feet from the building and the piping lead from the tank directly into the building, no sample was collected from below the piping. Soil sample locations are presented in Figure 2 and field headspace and laboratory analytical results are presented in Appendix D.

5.00 RESULTS AND RECOMMENDATIONS

Because there is no evidence of a petroleum release based on visual observation, field screening or laboratory analysis, and the UST and all associated piping appeared structurally intact, GZA recommends that no further environmental action is necessary at the Site and recommends the Site be granted closure status.





TABLES

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TABLE 1 Field Headspace and Laboratory Analytical Results									
Sample Number	Sample Depth, Location and Description	Field Headspace Result	Laboratory DRO Result						
BE-1	11'- Below east end of UST silty sand, fine, well-sorted, light brown, wet	0	< 10.0						
BW-1	11'- Below west end of UST silty sand, fine, well-sorted, light brown, wet	0	< 10.0						
SP-1	Stockpile sample, pea gravel backfill material	0	NS						
SP-2	Stockpile sample, pea gravel backfill material	0	NS						
SP-3	Stockpile sample, pea gravel backfill material	1.1	NS						
SP-4	Stockpile sample, pea gravel backfill material	0	NS						
SP-5	Stockpile sample, pea gravel backfill material	0	NS						

NS - Not Submitted for Laboratory Analysis



FIGURES

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APPENDIX A

Limitations

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TANK REMOVAL LIMITATIONS

- 1. The conclusions and recommendations submitted in this report are based in part upon the data obtained from a limited number of soil samples from the tank excavation. The nature and extent of variations between these explorations may not become evident until further investigation. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the recommendations of this report.
- 2. Water level readings have been made in the test pits, borings and/or observation wells at times and under conditions stated on the exploration logs. These data have been reviewed and interpretations have been made in the text of this report. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.
- 3. Except as noted within the text of the report, no quantitative laboratory testing was performed as part of the tank removal. Where such analyses have been conducted by an outside laboratory, GZA GeoEnvironmental, Inc. (GZA) has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these data.
- 4. The conclusions and recommendations contained in this report are based in part upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. As indicated within the report, some of these data are preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Should additional chemical data become available in the future, these data should be reviewed by GZA, and the conclusions and recommendations presented therein modified accordingly.
- 5. Chemical analyses have been performed for specific parameters during the course of this study, as detailed in the text. It must be noted that additional constituents not searched for during the current study may be present in soil and groundwater at the site.

Limitank.rem (12-09-93)





APPENDIX B

Documentation from Miller Compressing

Received from Petroleum Equipment, Inc., the following tank(s) for scrap.

Owner/Site Tank Size Job# Address STEARNS MAGNETIC, 6001 S. GENERAL, CUBALLY, WISL. 53110 8000

All tanks de-fumed, cleaned and rendered harmless. Tanks to be out in manageable pieces on site, removed and sold for scrap.

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milt <u>SMITTY'S SCRAP</u> IRON 1701 W. WRIGHT MilwankEE, WI 53206 Signed

Date

8-13-93



APPENDIX C

Underground Petroleum Product Tank Inventory Form Checklist for Underground Closure Form

Tank ID #	y: And Andrew	TA	NK INVENTORY	"M Te	adison, WI 53707 Lephone (608) 267-5280
This form is to be have stored or cun on this program. (included piping) I to the agency desi	completed pursuant rently store petroleur An underground stor ocated below ground gnated in the top rig	to Section 101.142, n or regulated substage tank is defined a i level. A separate f ht corner.	Wis. Stats., to registe tances. Please see the as any tank with at lea form is needed for eac	r all underground t reverse side for add ist 10 percent of its ch tank. Send each	anks in Wisconsin that ditional information total volume completed form
This registration applie 1. In Use or New 2. Abandoned With 3. Abandoned No F or With Water	s to a tank that is (check o 4. 💢 Clo n Product 6. 🗌 Clo Product (empty) Ine 7. 🗋 Ou	ne): sed - Tank Removed sed - Filled With rt Material t of Service	8. 🔲 Changed Owner (Indicate new ov below)	ship vner Cudahy	: Providing Fire Coverage ated: _
. IDENTIFICATION: 1. Tank Site Name	(Please Print)	Site	Address	· · · · · · · · · · · · · · · · · · ·	Site Telephone No.
City daby	Uillage	[] Town of:	State	Zip Code	County
2. Owner Name (mai	lsenthere unless indicated Kaker + Zaic	dotherwise in ≠3 below)	Owner Mailing Addre	ss (mail sent here unless	indicated otherwise in #3)
Maple Hei	Uillage	Town of:	State	Zip Code 4/1/17-31,87	County
3. Alternate Mailing	Name If Different Than #2	2	Alternate Mailing Stre	eet Address If Different	From #2
City	🗋 Village	Town of:	State	Zip Code	County
4. Tank Age (date ins	talled, if known: or years	old) 5. Tank Capacity	(gailons) 6. Tank Manut	facturer's Name (if know	vn)
. TYPE OF USER (che 1.	eck one): 2. □ Bul 6. □ Go 10. □ Ott	k Storage vernment ner (specify):	3. 🗌 Utility 7. 🗌 School	4. 8.	 Mercantile Residential
Coated Steel Coated Steel Relined Approval: 1. Nat Overfill Protection Pro Tank leak detection n tightness testing 5. PIPING CONSTRUC Bare Steel 2. Fiberglass 5.	4. Fib 7. Ste 7. Ste 9vided? Yes 2 No 1ethod: 1. Automatic 1 Interstitial monitoring TION Cathodically Protected Other (specify):	ergiass el - Fiberglass Reinforced] Other: If yes, identify type: cank gauging 2. G 6. Not required a d and Coated or Wrappe	A Plastic Composite 9.	Groundwater monitorin I Tank Gauging (only fo nodes or B. [] Impresse	uble Walled? Yes X No inment? Yes X No g 4. Inventory control an r tanks of 1,000 gallons or less) d Current) 3. Coated Stee 9. Unknown
iping System Type: 1. 3. liping leak detection m	Pressurized piping wi Suction piping with d nethod: used if pressurized	th: A. 🗌 auto shutoff; B neck valve at pump and i d or check valve at tank:	I. 🗋 alarm; or C. 📋 flow re nspectable 1. 🗌 Vapor monitoring	2. 🗌 Interstitial mo	piping with check valve at tan
3. Groundwater m	onitoring 4. 🛄	ightness testing	5. Line Leak Detector	6. Not Required	
TANK CONTENTS			· · · · · · · · · · · · · · · · · · ·		
1. Diesel 5. Gasohol 9. Unknown 13. Chemical*	2. □ Le: 6. 这 Ot 10. □ Pre	aded her emix	3. Unleaded 7. Empty 11. Waste Oil 14. Kerosene	4. 8. 12. 15.	Fuel Oil Sand/Gravel/Slurry Propane Aviation
If # 13 is checked, in	dicate the chemical name	(s) or number(s) of the cl	nemical or waste. Jyan	stormer Oil	
f Tank Closed, Give Da	te (mo/day/yr): / 0/ 9 3		Has a site assessmen	t been completed? (see	e reverse side for details)
f installation of a new 1. ☐ Fire Departme	tank is being reported, ind nt 2002 2. 🔲 DI	dicate who performed th	e installation inspection:	ify)	
Name of Owner or Ope Con Pany Con Signature of Owner or	rator (please print): Hact - Robert Operator:	Zajc		ndicate Whether: Owner o Date Signed:	r 🔲 Operator
			Children and a state of the state	and the second	and the second
580-7437 (R. 03/91)	IMPORTANT:	Complete as many	items on this form as	possible. Failure	o provide sufficient

Wisconsin Department o Labor and Human Relation Complete one for each site closure.	f Industry, ons m for	CHECKLIST TA Mibrisona Bodeo	RETURN COM Safety & Build Fire Preventic Storage Tank P. O: Box 7969	Image: Non-Ward Stress Y & Buildings Division Y & Buildings Division revention & Underground ge Tank Section Box 7969, Madison, WI-53707						
A. IDENTIFICATION: (Ple 1. Site Name STEARN_S MA Site Street Address (not P.O. B	ease Print)	Indicate whether	closure is for:	Tank System ame ARINS MI	Tank On	ly 🔲 F	Piping Only			
6001 S. G			5400 [] City [[] A PLL	DUNHH Village Towi HEIGHTS	n of: State	∂ $\frac{Zip}{474}$	Code /37 -36	877 87		
3. Closure Company Name (P PEROLEUM	53110 Equip, I	Milw,	sure Company Street A	ddress, buglas Avi	1 <u>6,667</u> =	- F 4	84			
Closure Company Telephone N (414) 466 - 30 4. Name of Company Performin	o. (include area)	code) Clo Ssment Ass	sure Company City, Sta N.L.W.L.K.E. sessment Company Stre	et Address, Çity, Sta	ر ج الع, Zip Code					
Layne Geoscient Telephone # (include area co (114) 691 - 2662	de) Certified Ass	sessor Name (Print)	4/40 Purlain Assesso	r Signature	le Warker,	Assessor C 2731	し 7) ertification No.			
Tank ID #	Closure	Temp. Closure	Closure In Place	Tank Capacity	Contents *	Closure	Assessment	- 10 (C) (翻)		
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<u>4.</u>	<u></u>		<u>ing Harno</u> ∐ naan in	<u>an an a</u>	<u>a</u>		<u>/ [.] N</u>	a.		
 i. indicate which product by 11-Waste oil; 13-Chemica Vritten notification was provided bergitte itlage obtilities 	umeric code: I (indicate the ded to the loc:	01-Diesel; 02-Lea chemical name(s) al agent 15 days in	aded; 03-Unleaded; 0 or numbers(s)	date.	sohol; 06-Other ; 14	09-Unkno 4-Kerosene	(c		
Check applicable box at 3. TEMPORARILY OUT Written inspector approv	right in resp OF SERVIC al of temporar	conse to all stat E ry closure obtained	ements in Section	ns B - E.	Rer Ve	nover Ins rified V	spector NA erified	I		
 Is effective until (provide Product Removed a. Product Removed b. All product remove c. All product remove c. All product remove fill pipe, gauge pipe, All product lines at the Dispeńsers/pumps lef Vent lines left open. 	date) ed into tank (c ed to bottom o ed to within 1" tank truck vap e islands or pu t in place but	or other container) f suction line, OR of bottom. or recovery fittings imps located elsew locked and power orary closure.	and resulting liquid r s, and vapor return lin vhere are removed a disconnected.	emdved, AND				12 		
C. CLOSURE BY REMO 1. Product from piping d 2. Piping disconnected f 3. All liquid and residue 4. All pump motors and 11.5. Fill pipes, gauge pipe NOTE: DROP TUBE	VAL rained into tar rom tank and removed from suction hoses s; vapor recov SHOULD NOT	nk (or other contain removed tank using explosi bonded to tank or ery connections, s F BE REMOVED IF	er). ion proof pumps or h otherwise grounded ubmersible pumps a THE TANK IS TO I	hand pumps.	区 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			Ŕ		
THE USE OF AN EDU 6. Vent lines left connec 7. Tank openings tempo 8. Tank atmosphere red 9. Tank removed from e 10 prevent movement. 10. Tank cleaned before to 58D-8951 (R. 12/91)	JCTOR. ted until tanks rarily plugged uced to 10% of xcavation after the difference being removed	purged. so vapors exit thro of the lower flamma PURGING/INERT d being removed fr - C	bugh vent. able range (LEL) - <u>se</u> ING ; placed on level and it difference om site.	e Section F. ground and block PAGE -	内 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			t li		

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	C.	CLOSURE BY REMOVAL (continued)	Remover Verified	Inspector Verified	NA
ALFA-		11. Tank labeled in 2" high letters after removal but before being moved from site	XY N		
	, il <u>l</u>	12. Tank vent hole (1/8 th " in uppermost part of tank) installed prior to moving the tank from site.	ΔY ON		
	•	 13. Inventory form filed by owner with Safety and Buildings Division indicating closure by removal. 14. Site security is provided while the excavation is open. 			
Construction of the second second second	D.	CLOSURE IN PLACE			
, 'H		NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS OR LOCAL AGENT.		A. Ar	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
. and hereinformation		 Piping disconnected from tank and removed. 			Ф
ş		 All liquid and residue removed from tank using explosion proof pumps or hand pumps. All pump motors and suction hoses bonded to tank or otherwise grounded. 			
A POSSIBLE CONTRACTOR		5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed. <u>NOTE:</u> DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT ABOVE GRADE.	<u> </u>		中
dire,	;	¹ 8/ ¹ 9/2011 lines left connected until tanks purged. A carefull the second and a second to the line second to the second term of ter			er H asser
printered and		8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.			凿
Winds.	1	9. Tank properly cleaned to remove all sludge and residue			Ц
CANADAL STOCKED	•	11. Vent line disconnected or removed.			Ē
. 1 1,				· L_	
A COMPANY OF A CARD AND A CARD A C	b +	NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO ILHR 10.	,		
-		1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site.	MY DA	Π	
 A state of the sta		2. Do points of obvious contamination exist?	DY DN		ğ
Wolenn	:	 4. Was a field screening instrument used to pre-screen soil sample locations? 		, 967 🛄 . B	
diseased of the		5. Was a closure assessment omitted because of obvious contamination?			
		Agency, office and person contacted:		ليا	ب ۲
4	_	7. Contamination suspected because of: Odor Soil Staining Free Product Sheen On Groundwa	ter [] Field	Instrument	lest
V (eminantino conserva-	F.	Believen of Achieving 10% Level Description Believen in the second sec	jangis, sooo si if 12 feet ab	Ray and Bac	dig space
No-And Distance		Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.	12 1000 40	oro groana.	
in the the test of		Dry ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed of	over the grea	atest possibl	e tank
Victoria de la competitiva	;	area. Dry ice evaporated before proceeding. Inert Gas (CO/2 or N/2) NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHER INTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT	E. THE TA	NK MAY N	
mpio	:	Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank	opposite the	e vent.	
d and a state of the state of t	Ì	Tank atmosphere monitored for flammable or combustible vapor levels.	aevice groi		
and the second se		Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained be	e monitored fore removir	at bottom, n ng tank from	niddle
-	, i	anninground. annual se se se se tha shifteennandin satis, se anneath e	Cantrinets(anaraan affaar	
	Ġ.	NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW			
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		Remover Name (print) Remover Signature Remover Certil	ication No.	Date Signe	d
	I.	INSPECTOR INFORMATION			
	:11	Inspector Name (print) Inspector Signature	Inspector Co		
		FDID # For Location Where Inspection Performed Inspector Telephone Number	Date Signec		
		INSPECTOR			



APPENDIX D

Laboratory Report and Chain of Custody Form

Telephone: (414) 521-2470 FAX: (414) 521-0626



SUBURBAN LABORATORIES of WISCONSIN, Inc.

Analytical Testing N8 W22520-B Johnson Drive Waukesha, WI 53186

FINAL REPORT OF LABORATORY ANALYSIS LEVEL II

Layne GeoSciences 4141 North Duplainville Road Pewaukee, WI 53072 Report Date: August 24, 1993 10:18 SLI Order Number: W308146 Page Number: 1

Attention: George Garneau

Date Samples Received: 08/10/93 Samples Collected By: CLIENT Project ID.: STEARN'S MAGNETICS P.O. #:

Sample ID: BE-1 Sample Type: SOIL Date Collected: 08/10/93 12:00:00 SLI ID: W308146-01A

PARAMETER	RESULT	UNITS	MDL	DATE EXTRACTED	date <u>Analyzed</u>	<u>by</u>	METHOD	
DIESEL RANGE ORGANICS	<10.0	mg/kg	10.0	08/10/93	08/21/93	JKK	WI DNR MOD	

Sample ID: BW-1 Sample Type: SOIL Date Collected: 08/10/93 12:15:00 SLI ID: W308146-02A

PARAMETER	RESULT	UNITS	MDL	DATE EXTRACTED	DATE <u>ANALYZED</u>	BY	METHOD	
DIESEL RANGE ORGANICS	<10.0	mg/kg	10.0	08/10/93	08/21/93	JKK	WI DNR	MOD

COMMENTS

Analysis Certified By:

Reported By: JENNI Verified By: DJH Laboratory Director

Hillside Certifications: Illinois Dept. of Public Health #17585: Illinois EPA #100225; Wisconsin DNR #999318210 Waukesha Certifications: Wisconsin Division of Public Health #MW00267; Wisconsin DNR #241178850

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SUBURBAN LABORATORIES of WISCONSIN, Inc.

Phone: (414) 521-2470 Fax: (414) 521-0626

CHAIN OF CUSTODY RECORD

N8 W22520-B Johnson Drive Waukesha, WI 53186

Sample Collecto	or(s)		Comp	any	9 9 1		PI	hone #	691-2	1612		
Chri	1 Marcek		4	6I			F	ax #				
Property Owner			Prope	rty Address			PI	hone #				
Project Manage	r (Report To)		Projec	t Name			т.	A.T.				
George	Garneau		5	tearns	Magneti	4		Nov	~1			070 1
Relinquished By	,	Date	e / Țime		Received By	-Bl	1	Receive	d Sampl	e Cond	lition	
Cli Ma	ch	8	10/93	2:00 PM				G) 00D -	Ro	L	
Relinquished By	,	Date	ə / Time		Received By				77	7		Ē
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Relinquished By	,	Date) / Time		Received By							
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Field ID	Date / Time	Sample	Preserv			No. / Type of		\mathcal{I}		/ /		NI
Number	Collected	Matrix	Туре	Sam	ole Location	Containers		¥ /		//	Numb	ər,
BE-1	8/10-12:00	So, 1				2	X				w3-08-146-	
BN-1	8/10-12.15	Soil				2	X				VZ	ると
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Remarks:

White-Accompanies Shipment, Yellow-SLI, Pink-Client Copy