

09-41-292474

Tank Closure Report Ato Findley Inc. Center Street Facility 2930 West Center Street Milwaukee, Wisconsin

Prepared for: Ms. Lisa Strbik Ato Findley Inc.

Project No.: LWXX-98-0270

April 1, 1998

Engineers and Scientists Serving the Built and Natural Environments

Braun Intertec Corporation



### **Fact Sheet**

Client Contact:

Ato Findley Inc.

11320 Watertown Plank Road Wauwatosa, WI 53226-3434

(414) 607-1224

Ms. Lisa Strbik

**Environmental Coordinator** 

Consultant:

Braun Intertec Corporation

3315 North 124th Street, Unit N

Brookfield, WI 53005

(800) 277-9116

DILHR Certified Site Assessor:

Lynn Simonen #06714

Subcontractor:

North Shore Environmental Construction Inc.

N117 W18493 Fulton Drive Germantown, WI 53022

DILHR Certified Remover/Cleaner:

Steve Strande #01853

Laboratory:

Robert E. Lee & Associates, Inc.

2825 S. Webster Avenue

P.O. Box 2100

Green Bay, WI 54306-2100

(920)336-6338

### **Certification Page**

I, Lynn Simonen, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 736, Wis. Adm. Code.

Signature and Title Hydrogedogist 3/31/98
Date

I, Wayne Hutchinson, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 736, Wis. Adm. Code.

Signature and Title

MANP

Wayne Hutchinson

Date

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**Braun Intertec** 

3315 North 124th Street, Unit N Brookfield, Wisconsin 53005 414-783-0880 Fax: 783-0890

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### I. Introduction

### A. Purpose

Ato Findley Inc. (Ato Findley) authorized Braun Intertec Corporation (Braun Intertec) to conduct a closure assessment for the removal of one 550-gallon fuel oil underground storage tank (UST) adjacent to the 2930 West Center Street facility in Milwaukee, Wisconsin. This report documents the UST removal activities and findings.

### B. Site Location and Description

The site, located in Milwaukee County, Wisconsin, occupies the northeast quarter of the southeast quarter of Section 31, Township 7 North, Range 21 East (Figure 1). In order to better accommodate the growing needs of Ato Findley's adhesives production activities, expansion of the Center Street building was planned. Residential properties to the east of the Center Street building were purchased and the houses were removed. During grading of the land, a fill pipe was found which was determined to be connected to one 550-gallon UST. The UST was located in the backyard of one of the demolished houses and was most likely used to store heating oil for the furnace.

### C. Site Geology

Soil surrounding the excavation consisted of fine to medium sand fill with some medium to coarse gravel. Native soil in the area consists of silty clay loam glacial till. The till is brown in color and contains some fine gravel. The silty clay is very tight.

### II. Underground Storage Tank Removal

On March 2, 1998, North Shore Environmental Construction, Inc. (North Shore), under the supervision of Braun Intertec, removed one 550-gallon fuel oil UST. There was no piping system attached to the UST when unearthed. The UST had been dry when it was discovered during grading activities one week earlier. However, the fill cap was not placed back on the UST, so rain during the week filled the UST. On the morning of March 2, 1998, approximately 500 gallons of water were pumped from the tank by Advanced Waste Services, Inc. and disposed of properly at Stabilization Systems, Inc. (Appendix A).

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The UST was properly cleaned by a Department of Industry, Labor and Human Relations (DILHR) certified tank cleaner from North Shore on March 2, 1998. Fifteen gallons of sludge from the bottom of the UST were removed and contained in a 55-gallon Department of Transportation (DOT)-approved drum. The drum of sludge was disposed of properly at Stabilization Systems, Inc. (Appendix B). The tank was in good shape with surficial rust and no holes. Photographs of tank removal activities are located in Appendix D. The UST was transported to Kimmel Metals, Inc. of Milwaukee, Wisconsin where the metal was recycled (Appendix C).

Two soil samples, TB-N (8') and TB-S (8'), were collected approximately two feet beneath the base of the tank at each end of the tank, which was located approximately six feet below ground surface, as required by ILHR 10.734 and Appendix B, of the Wisconsin Administrative Code. There were no signs of soil discoloration, and there were no petroleum odors. A flame-ionization detector (FID) was used to field screen the soil samples, and no detects were noted. On the same day, Tim Temperly, the City of Milwaukee tank inspector, arrived and signed the tank closure and checklist forms (Appendix E).

### III. Laboratory Results

All soil samples were collected and analyzed according to LUST and Petroleum Analytical and Quality Assurance Guidance (WDNR, 1993) and Site Assessments for Underground Storage Tanks Technical Guidance (WDNR, 1992). See Appendix F for sampling methodology. Necessary precautions were taken to avoid cross-contamination of samples and to preserve sample integrity. Soil samples were laboratory analyzed for diesel range organics (DRO). Table 1 summarizes the laboratory results for soil samples collected during the UST closure. There were no laboratory detects of DRO in either of the samples. Laboratory reports are located in Appendix G. Figure 2 depicts soil sample locations.

### IV. Conclusions and Recommendations

On March 2, 1998, Braun Intertec supervised the removal of one 550-gallon fuel oil UST at the Ato Findley Center Street Facility in Milwaukee, Wisconsin. No petroleum odors and/or soil discoloration were noted. Soil samples were collected from beneath each end of the tank and laboratory analyzed for DRO, as required by Chapter ILHR 10.734 and Appendix B, of

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the Wisconsin Administrative Code. There were no detects of DRO in either of the samples. Braun Intertec deems this a "clean" closure and recommends filing this report to the DNR Remediation and Redevelopment Program as such.

Table

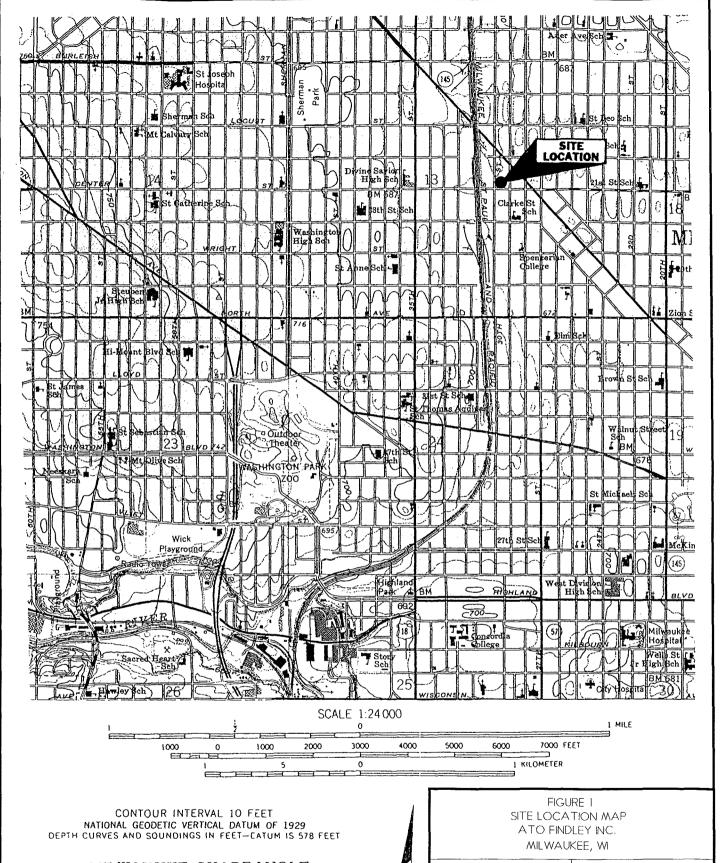
## Table 1 Ato Findley Inc. 2930 West Center Street **Closure Samples Laboratory Results**

Sample Location	Sample Collection Date	Sample Depth bgs (ft)	DRO (mg/Kg)	FID (i.u.)
TB-N	03/02/98	8.0	<1.8	nd
TB-S	03/02/98	8.0	<1.8	nd
WDNR Site Investigation "Trigger Level"*			10	

\* WDNR Release News April 1994 mg/Kg - milligrams per kilogram (parts per million) i.u. - instrument units

nd - no detect

Figures

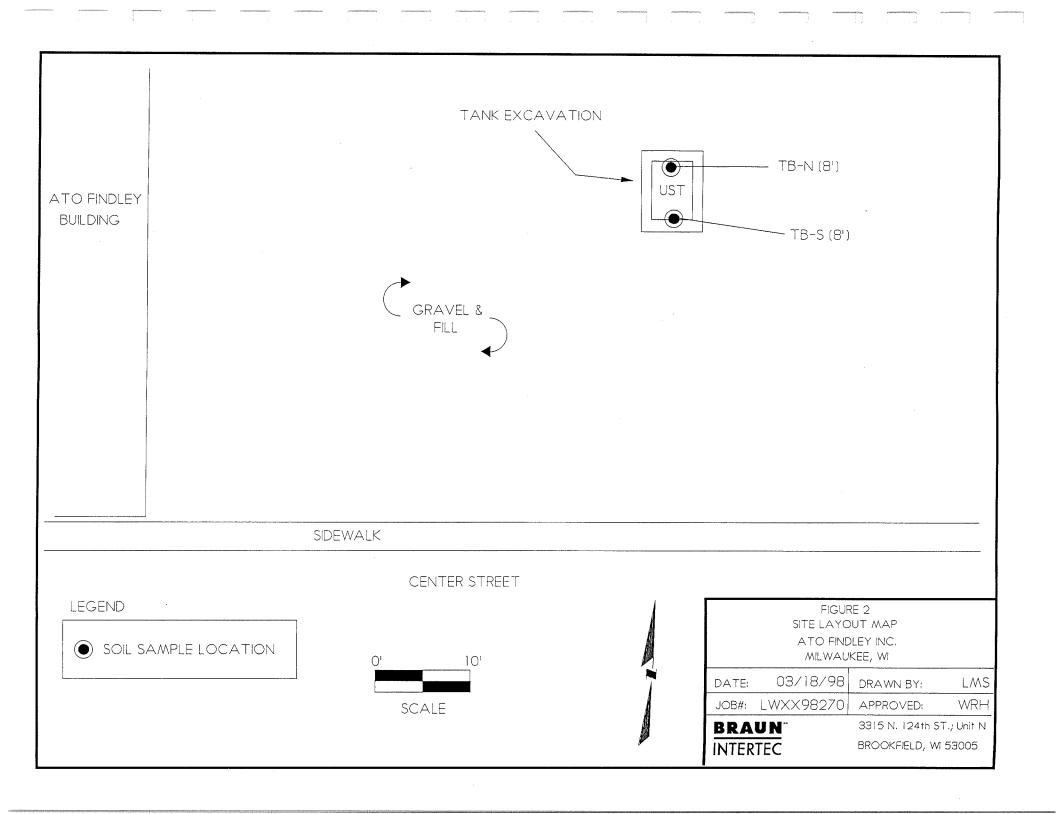


MILWAUKEE QUADRANGLE
WISCONSIN-MILWAUKEE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 MILWAUKEE 15' QUADRANGLE

DATE: 03/18/98	DRAWN BY:	LMS
PROJECT: LWXX98270	APPROVED:	LMS

BRAUN

3315 N. 124th ST.; Unit N BROOKFIELD, WI 53005



Appendix A

This Shipping Order in Carbon, and retained by the Agent.

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DATE

"HAZARDOUS MATERIALS MARK WITH "X TO DESIGNATE HAZARDOUS MATERIALS AS REFERENCED IN 49CFR § 172.202.

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

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	7.	Transporter 2 Company Name		8.	US EPA ID No									
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Appendix B

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Appendix C

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**CONTAINS HAZARDOUS MATERIALS** 

Appendix D



Photograph 1

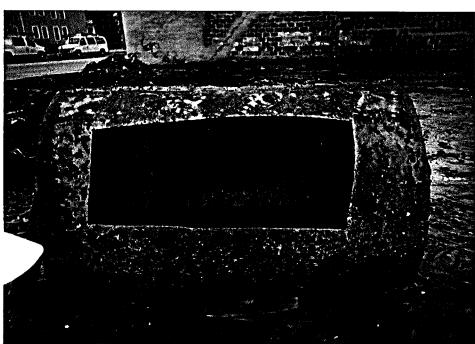
Date:

March 3, 1998

Location:

Facing southeast on east side of Ato Findley building.

Subject: UST unearthed.



Photograph 2

Date:

March 3, 1998

Location:

Facing west on east side of Ato Findley building.

Subject:

UST after cleaning in good condition - only surficial rusting.

Appendix E

# Wisconsin Department of Industry, Labor and Human Relations

# Complete one form for each site closure.

# CHECKLIST FOR UNDERGROU. TANK CLOSURE

The information you provide may be used by other government agency programs [Privacy Law, s. 15.04 (1) (m)].

RETURN COMPLETED CHECKLIST TO: Safety & Buildings Division Fire Prevention & Underground Storage Tank Section P. O. Box 7969, Madison, WI 53707

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11-Waste oil; 13-Chemical Vritten notification was provid Il local permits were obtaine Check applicable box at TEMPORARILY OUT Written inspector approvatis effective until (provide 1 Product Removed a Product lines draine b All product removed c All product removed 2. Fill pipe, gauge pipe, to	ded to the local before beginning of SERVIC at of temporar date) ded into tank (of to bottom of to within 1" tank truck vaporal stands or public ded to bottom of the stands or public ded to the st	chemical name(s al agent 15 days nning closure.  conse to all sta E by closure obtaine or other container f suction line, OF of bottom. our recovery fittin umps located else	atements in Section  and resulting liquid to the section of the se	removed, AND nes capped. ind capped, OR	Ren Ver	Kerosene  KY  IN  N  N  N  N  N  N  N  N  N  N  N  N	15-Aviation  N N N  Pector N/ erified
11-Waste oil; 13-Chemical  Vritten notification was provid  Il local permits were obtaine  Check applicable box at  TEMPORARILY OUT  Written inspector approvation is effective until (provide 1. Product Removed 2. Product lines draine 6. All product removed 2. Fill pipe, gauge pipe, to 3. All product lines at the 4. Dispensers/pumps left 5. Vent lines left open 6. Inventory form filed in C. CLOSURE BY REMOVED.  1. Product from piping disconnected from piping disconnec	cindicate the ded to the local before beginner of SERVIC all of temporar date) ded into tank (of to bottom of to within 1" tank truck vaporal slands or put in place but dicating temporar tank and rom tank and	chemical name(s al agent 15 days nning closure.  conse to all sta E y closure obtainer f suction line, OF of bottom. or recovery fittin imps located else focked and powe orary closure.  nk (or other contar removed.	atements in Section and resulting liquid in the section of the sec	date.  removed, AND  nes capped.  ind capped, OR	Rem Ver	-Kerosene -Kerosene -Kerosene -Kerosene -Kerosene -Kerosene	15-Aviation  N N N  Pector N/ erified
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11-Waste oil; 13-Chemical Written notification was provid All local permits were obtaine Check applicable box at TEMPORARILY OUT Written inspector approvation is effective until (provide 1. Product Removed 2. Product lines draine 3. All product removed 2. Fill pipe, gauge pipe, 1 3. All product lines at the 4. Dispensers/pumps left 5. Vent lines left open 6. Inventory form filed inc 2. CLOSURE BY REMOV 1. Product from piping di 2. Piping disconnected from 3. All liquid and residue re 4. All pump motors and se 5. Fill pipes, gauge pipes NOTE: DROP TUBE se THE USE OF AN EDU 6. Vent lines left connect 7. Tank openings tempor	cindicate the ded to the local before beginner of SERVIC at of temporar date) ded into tank (of to bottom of to within 1" tank truck vapolislands or put in place but dicating tempoval.  VAL  rained into tark and removed from tank and removed from suction hoses s, vapor recoves thould not be serviced until tanks rarily plugged.	chemical name(s al agent 15 days nning closure.  conse to all sta E y closure obtained or other container f suction line, OF of bottom. or recovery fittin umps located else focked and powe orary closure.  ak (or other container tremoved. trank using explo- tonded to tank of the recovery purged. so vapors exit the	aternents in Section and resulting liquid resulting resulting liquid resulting resu	removed, AND nes capped. and capped, OR hand pumps. and other fixtures re	Rem Ver  O Y  O Y  O Y  O Y  O Y  O Y  O Y  O	-Kerosene -Kerosene -Kerosene -Kerosene -Kerosene -Kerosene	15-Aviation  N N N Pector N/erified
Mritten notification was provided to call permits were obtained. Check applicable box at B. TEMPORARILY OUT. Written inspector approvation is effective until (provided 1. Product Removed 2. Fill pipe, gauge pipe, 1. All product lines at the 4. Dispensers/pumps left 5. Vent lines left open. 6. Inventory form filed in 1. Product from piping disconnected from 1. Product from 1. Prod	cindicate the ded to the local before beginners of SERVIC all of temporar date) ded into tank (of to bottom of to within 1" tank truck vapor islands or put in place but; dicating tempovation hoses of the control of tanks and removed from suction hoses of the control of tanks are tanks and removed from suction hoses of the control of tanks are tanks and removed from suction hoses of the control of tanks are tanks and tanks are tanks and tanks are tanks and tanks are tanks and tanks are tanks are tanks and tanks are tanks	chemical name(s al agent 15 days nning closure.  conse to all state by closure obtained or other container f suction line, OF of bottom. or recovery fittin umps located else locked and powe orary closure.  hk (or other container trank using exploit bonded to tank of ery connections, if BE REMOVED  purged. so vapors exit the fithe lower flame	aternents in Section and resulting liquid resulting resul	removed, AND nes capped, and capped, OR and other fixtures re BE PURGED THRO	Rem Ver  Yer  Yer  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y	Kerosene  Kerose	15-Aviation  N
11-Waste oil; 13-Chemical  Written notification was provid  Il local permits were obtaine  Check applicable box at  TEMPORARILY OUT  Written inspector approvation is effective until (provide 1. Product Removed 2. Product lines draine 5. All product removed 2. Fill pipe, gauge pipe, 1. 3. All product lines at the 4. Dispensers/pumps left 5. Vent lines left open 6. Inventory form filed in 6. Product from piping disconnected from 3. All liquid and residue resid	cindicate the ded to the local before beginned in responsive distance of the control of the cont	chemical name(s al agent 15 days nning closure.  conse to all state by closure obtained or other container f suction line, OF of bottom. or recovery fittin umps located else focked and powe orary closure.  hk (or other container removed. I tank using exploit bonded to tank of rery connections, if BE REMOVED  purged. so vapors exit the of the lower flame PURGING/INER	atements in Section atements in Section and resulting liquid resulting	removed, AND nes capped, and capped, OR and other fixtures re BE PURGED THRO ee Section F. I ground and block	Rem Ver  Ver  Yes  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y  Y	-Kerosene -Kerosene -Kerosene -Kerosene -Kerosene -Kerosene	15-Aviation  N

C. CLOSURE BY REMOVAL (continued)		<ul><li>Verified</li></ul>	
11: Tank labeled in 2" fligh letters after removal but before being moved from site.  NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.	DAU	₩ 🔯	
12. Tank vent hole (1/8 the lin uppermost part of tank) installed prior to moving the tank from site.  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.			
D. CLOSURE IN PLACE		e de	
NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS OR LOCAL AGENT.  1. Product from piping drained into tank (or other container).			
Piping disconnected from tank and removed.     All liquid and residue removed from tank using explosion proof pumps or hand pumps.	HY HN		· A
4. All pump motors and suction hoses bonded to tank or otherwise grounded.  5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.  NOTE: 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.	□ Y □ N		'nП
7 Tank openings temporarily plugged so vapors exit through vent.  8 Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.			
9. Tank properly cleaned to remove all sludge and residue.		H	H
10. Solid mert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled.	- N N		
11. Vent line disconnected or removed.  12. Inventory form filed by owner with Safety and Buildings Division indicating closure in place.			H
E CLOSURE ASSESSMENTS			
NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED. BY REFERRING TO ILHR 10.			
Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site.	<b>1</b> 24 Y □ N	ΙΣΤ	
2. Do points of obvious contamination exist?			
3. Are there strong odors in the soils?			
4. Was a field screening instrument used to pre-screen soil sample locations? 5. Was a closure assessment omitted because of obvious contamination?			H
6. Was the DNR notified of suspected or obvious contamination?	□ Y □ N	Ĭ	೪೩
Agency) office and person contacted:  7: Contamination suspected because of □ Odor □ Soil Staining □ Free Product □ Sheen On Groundwa	ater □ Field	Instrument	Test
F. METHOD OF ACHIEVING 10% LEVEL DESCRIPTION			
☐ Educator Or Diffused Air Blower			
Eductor driven by compressed air, bonded and drop tube left in place, vapors discharged minimum Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.	of 12 feet abo	ove ground	l.
Dry Ice Dry Ice Dry Ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry Ice crushed and distributed	over the grea	itest possit	ole tank
area. Dry ice evaporated before proceeding.		. •1	
☐ Inert Gas (CO/2 or N/2) NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHER ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT	RE. THE TA	NK MAY N	IOT BE
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank			
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing	j device grou	ınded.	
Tank atmosphere monitored for flammable or combustible vapor levels.  Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space	e monitored	at bottom,	middle
and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained be	fore removin	g tank fron	ń
ground			
G. NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW			
H. REMOVER/CLEANER INFORMATION			<del></del>
01/02/	-7	3.2.	90
Remover Name (print)  Remover Signature  Remover Certification	fication No.		
I.: INSPECTOR INFORMATION	neation No.	Date Sign	
T tourselvy	Louis	1	1
$^{\circ}$ N $^{\circ}$	60617	·	No.
Inspector Name (print) Inspector Signature 286 - 259	Inspector Ge	~ ~	<b>10</b> .
	Date Signed		

	£34			
State of Wisconsin	ND	ERGROUND PETRO	OLEUM	Send Completed Form To:
WI Tank ID#:		DUCT TANK INVE		Department of Commerce ERS Division
	Information	Required By Section 101.	142, Wis. Stats.	Bureau of Storage Tank Regulation P.O. Box 7969, Madison, WI 53707
the reverse side for additional infits total volume (including piping) agency designated in the top right correcting/updating information of Personal information you provide ma	ormation on this pro located below grou nt corner. Have you nly? ☐ Yes ☐ N y be used for seconda	ogram. An underground st und level. A separate form upreviously registered this o	orage tank is defined as is needed for each tank tank by submitting a for	s must be registered. Please see s any tank with at least 10 percent o Send each completed form to the m? ☐ Yes ☐ No If yes, are you
This registration applies to a tank the		Tank Removed 8,	Ownership Change (Indic	Fire Department providing fire cate coverage where tank is located:
1B.  Newly Installed	new owner name in block	2) K City Village		
<ol> <li>Abandoned with Product</li> <li>Abandoned No Product (em</li> </ol>		ervice - Provide Date:		Town of Milwaukee
A. IDENTIFICATION (Please Pri			<del></del>	
1, Tank Site Name	Fig.	Site Address		Site Telephone Number
Ato Findley	<u>8. 8</u>	2930 West Center	Street	(n/a )
☐ City SSSE Village	☐ Town of:	State	Zip Code	County
Milwaukee	<del></del>	WI	<u> </u>	Milwaukee
2. Tank Owner Name		Mailing Address	Taul Deal	Telephone Number
Ato Findley City Village	☐ Town of:	11320 Watertown P	Zip Code	County
Wauwatosa		WI	53226-3434	
3. Previous Name		Previous site address if diffe		<del></del> _
		550		
4. Tank Age (date installed, if I	(nown or years old)		6. If more than one tank	is located at facility, please provide tan
	☐ School ☐ Federal Property	3. ☐ Utility 4. [ 8. ☑ Residential 9. [ 13. ☐ Backup Generator	] Mercantile/Commercial ] Agricultural	5. ☐ Industrial 10. ☐ Other (specify):
C. TANK CONSTRUCTION (check	·			n = 1
	] Cathodically Protect ] Fiberglass	ted & Coated Steel (Check or 5. ☐ Other (specify): 7. ☐ Steel - Fiberglass Rei		s or B. 🗍 Impressed Current)  9. 📋 Unknown
	UL 3. Other:		<del></del>	double walled? Yes 🕱 No
Overfill Protection Provided?	]Yes ⊠ No Ify	es, identify type:	Spill Co	ntainment? ☐ Yes ☑ No
4. [	Automatic tank gauge Inventory control and		☐ Vapor monitoring ☐ Interstitial monitoring	Groundwater monitoring  attistical Inventory Reconciliation (SIR)
D. PIPING CONSTRUCTION A	YONE			s or B. [] Impressed Current)
3. Coated Steel 4.	] Fiberglass	5.  Other (Specify):		9. 🔲 Unknown
Vapor Recovery/Stage II		Other (	☐ CARB #:	Davida Data (maddaulum)
		Other (specify): vith A. ☐ auto shutoff; B. ☐ a		- Provide Date (mo/day/yr):
2.  Suction piping with check valve	re at tank 3. ☐ S	uction piping with check valve	at pump and inspectable	4. Not needed if waste oil
Piping leak detection method: use 3.   Groundwater monitoring	d if pressurized or che 4. Tightness tes		apor monitoring ctor 6.  Not required	<ol> <li>Interstitial monitoring</li> <li>SIR</li> </ol>
	] UL 3. ˌ☐ Other:		Is pipe	double walled?
E. TANK CONTENTS  1.	7. <u> </u>		3. ☐ Unleaded 8. ☐ Sand/Grävel/Slurry <sup>t</sup> 4. ☐ Kerosenė	4. Mar Fuel Oll 5. ☐ Gasohol 9. ☐ Unknown* 10. ☐ Premix 15. ☐ Aviation

Owner or Operator Name (please print): Indicate whether: Owner or ☐ Opërator Date Signed Owner or Operator Signature:

(Indicate chemical name and number)

\* If 7, 8, 9, or 13 is chosen, this tank is NOT PECFA eligible.

If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr):

Has a site assessment been completed (see reverse side for details)

Appendix F

#### Soil Classification

The soil samples were lithologically characterized in the field by a Braun Intertec geologist or environmental scientist in accordance with ASTM D 2487 "Unified Soils Classification System" and ASTM D 2488 "Recommended Practice for Visual and Manual Description of Soils" and visually observed for evidence of staining or other signs of apparent contamination.

### **Vapor Monitoring**

The soil samples were screened in the field for volatile organic vapors using a flame-ionization detector (FID), as indicated. The FID was a Century Organic Vapor Analyzer (OVA) 128. The instrument was calibrated to an isobutylene standard. Standard headspace procedure was used to conduct the analytical screening of the samples. The procedure consisted of filling an unused, 1 quart, zipper-seal type bag with soil leaving approximately 50 percent headspace. The sample was then placed in an area with an ambient temperature of 70°F or greater to allow volatilization of potential contaminants. After allowing a minimum of five minutes for the soil vapor to reach equilibrium, the FID probe was inserted through the seal to half the headspace depth and the highest stabilized reading was recorded.

### **Soil Sample Chemical Analyses**

Soil samples were collected from the excavations by a Braun Intertec environmental scientist for chemical analyses. The samples were sealed in cleaned-screw-top, glass bottles with Teflon<sup>TM</sup>-lined caps or polyethylene bottles with screw-top caps, as appropriate, labeled and transported to Robert E. Lee & Associates, Inc., a State of Wisconsin Certified laboratory, under refrigerated conditions using U.S. EPA chain of custody procedures (Wisconsin Certification Number 405043870).

The laboratory analyses were performed by EPA, State of Wisconsin, ASTM or other recognized standard methods as of the date of this report. Analytical laboratory results were reviewed prior to release and all quality control guidelines were met. Specific information on standard operating procedures, detection limits and quality control measurements is available upon request.

Appendix G



Wisconsin Certification No: 405043870

2825 S. Webster Ave. P.O. Box 2100 Green Bay, WI 54306-2100 920/336-6338 FAX 920/336-9141 E Mail rel@netnet.net

REPORT DATE======> 03/09/1998

CHAIN OF CUSTODY #==> 48485

CUSTOMER=======> 002523

Braun Intertec-Great Lakes, Inc. 3315 N 124th Street, Unit N Brookfield WI 53005

414-783-0880

CONTACT=======> Lynn Simonen

PROJECT NO. ======> LWXX-98-270

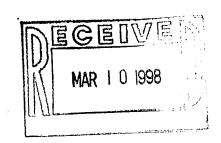
PROJECT NAME======> ATO

RECEIVED======== 03/04/1998

SAMPLED=======> 03/02/1998

COMMENTS:

ATTEST: Steve Heraly 1076



### ROBERT E. LEE & ASSOCIATES, INC.

CLIENT:

BRAUN INTERTEC-GREAT LAKES, INC.

PROJECT:

LWXX-98-270/ATO

CHAIN NUMBER:

48485

### **NARRATIVE**

This narrative is relevant to samples TB-N (8') and TB-S (8').

The samples were analyzed for diesel range organics following the Wisconsin Modified DRO Method.

The following is a summary of the quality control results:

- 1. The reported range of compounds were not detected in the soil method blank.
- 2. The precision between the recoveries of the soil duplicate laboratory control spikes was within method limits.
- 3. The recovery for each soil laboratory control spike was within method limits.
- 4. The initial and final calibration check standards verified the calibration curve for DRO.

Steve Heraly

Laboratory Coordinator

tms

# ROBERT E. LEE & ASSOCIATES, ING. Wisco in Certification NO: 405 3870

### - CERTIFICATE OF ANALYSIS -

Braun Intertec-Great Lakes, Inc.

3315 N 124th Street, Unit N

Brookfield WI 53005

Attn: Lynn Simonen

Phone: 414-783-0880

414-783-0890 Fax:

Customer Number: 002523 Project Number: LWXX-98-270

Chain Number : 48485

Project Name : ATO Report Date : 03/09/1998

SAMPLE_ID	LAB#	COLLECT DATE		MATRIX		
PARAM NAME	RESULT	UNITS	MDL	METHOD	ANALYST	ANALYZED DATE
TB-N (8')	98REL002843	03/02/1998		SOIL		
TOTAL SOLIDS	87	%	0.01	SM-2540G	DJN	03/04/1998
DIESEL RANGE ORGANICS	<1.8	MG/KG	1.8	WI. MOD. DRO	TMS	03/04/1998
TB-S (8')	98REL002844	03/02/1998		SOIL		
TOTAL SOLIDS	85	%	0.01	SM-2540G	DJN	03/04/1998
DIESEL RANGE ORGANICS	<1.8	MG/KG	1.8	WI. MOD. DRO	TMS	03/04/1998

Robert E. Lee & Associates, Inc. Engineering, Surveying, Laboratory Services
2825 S. Webster Ave. • Box 2100 • Green Bay, WI 54306-2100
Green Bay Office 414.336.6338 FAX 414.336.9141
Milwaukee Office 414.569.8893 FAX 414.569.7995

To ensure the proper handling of samples, please see the back for instructions.

### **CHAIN OF CUSTODY RECORD**

coc # 48485MR

Client: Braun Interfec Corp.				(Note e		ses Rec			1e)	Report	To: Lyn	JN Simonen
Project Name: A C Project Number: LWXX-98-270				(14010-3	pecial de		11113	metro	13)	Compa	ny: $B_{r}$	aun Intertec Corp
Project Address: Wilwaukel, WI												5 N. 124th, UnitN
PO#: BID#: 032597004DK										Bra		ed/W1 5300.5
Environmental Program:										Telepho	4	141,783-0880
LUST SDWA WPDES RCRA OTHER	Other									Fax:	•	7 8 3 - 0 8 9 0
Requested Turnaround Time Check Delivery Method	Air,	low)	1	7				Ì		Invoice	To: S	see above
Nørmal Rush L In Person Mail	Sludge,	ey be		1	¬					Compa	ny:	<u> </u>
Date Needed: Common Courier Courier Service  Rushes accepted only w/prior  Other REL Bick	÷5	(see k		1						Addres	s:	
notification	(Matri)	Type	C	3				Al				
Sampler: Si MM Si	Type W, wv	/ation	M		_					Telepho	ne:	
	Sample Type (Ma DW, GW, WW, So No of Containers	Preservation Type (see key below)	1/-	1	50 0		Ì	2		Fax:	EL le No.	
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A P												
A P									_			
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2) Kay land 3-4-98 12130 (P)										A/P		Seal Intact
Received by Lab 12309						C-1-14			A = AM	P = PM	Sample of Sample p	

### Letter of Transmittal

**To:** Wisconsin Department of Natural Resources Southeast Region - Headquarters Office P.O. Box 12436

2300 N. Dr. Martin Luther King Jr. Drive

Milwaukee, WI 53212

Attn: Remediation and Redevelopment Program

From:	Name ·	LYNN Simonen
	Company	Braun Intertec Corp.
	Address	3315 N. 124th, UnitN
		Brookfield, WI 53005
	Phone	414/783-0880
	Date	3/17/98
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	Site Name	Ato Findley Inc.
	Site Address	2930 West Center St
		Milwaukee, WI
	FID#	NA .
	BRRTS#	NA

Please check the type(s) of documents you have enclosed. Submittals will be tracked and filed based on the information you provide. Be sure to include the FID and BRRTS numbers which have been assigned to the site, and identify the **intent** of the document(s) you are submitting in order to speed processing.

LUST	ERP	Spill	ACT 453 Purchaser Liability^	ACT 453 Municipal^
Other (desc	cribe)			

√ CHECK	PURPOSE OF DOCUMENT/REPORT:	DNR CODE
	Notification of Release	2012年計划
	Tank Closure/Site Assessment where release(s) have been detected *	333
	Site Investigation Workplan	35
	Site Investigation Report	
	groundwater impacts	37,251,253
	no groundwater impacts	7623-33
	Off-Site Determination Request	90
	Remedial Action Plan	39
	Site Specific Clean-Up Goal Proposal	190
	NR 718 Landspreading Request	161 <b>83.5</b> %
	Copy of Notification to Treat or Dispose of Contaminated Soil or Water	993 意象
	Injection/Infiltration Request	63 多数多
	Quarterly Report or Update	43)
	O & M Form 4400-194	9244324
	Remedial Action Report	41246
	Closure Review Request	7/903
	Simple Site Closure Report using NR700.11 process	7.94
	Copy of Draft Deed Affidavit or Restriction required for close-out	J51752
	Well Abandonment Form	99.
	PECFA Form 4-B (for completed remediation only)	244
	Other (please	.90/99
	describe):	

	diation and Redevelopment Program, P.O. Box 7921
Madison, WI 53707 attn: Julie Weber	IDEGETUE
marks:	8
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