

175 N. Corporate Drive Suite 100 Brookfield, WI 53045

Telephone (414)792-1282 Facsimile (414)792-1310

September 1, 1993 (366115203)

٠.

Mr. James Morrin Wildman, Harrold, Allen and Dixon 225 W. Wacker Dr. Chicago, IL 60606-1229 RECEIVED SEP 0 2 1993

RE: Work Plan for Milwaukee Plating Company

Dear Mr. Morrin:

In response to the Wisconsin Department of Natural Resources' (WDNR's) letter to Milwaukee Plating dated August 16, 1993, Simon Hydro-Search has prepared the following work plan. The purpose of this work plan is to address the removal of free product which has been observed in a monitor well located east of the Milwaukee Plating property (Figure 1).

Background

Simon Hydro-Search was contracted by Milwaukee Plating Company to remove and abandon two fuel oil underground storage tanks (USTs) at their facility in November of 1989. Soil impacts were encountered in the vicinity of a 3,000-gallon UST which was removed and a 6,400-gallon UST which was abandoned in place. Subsequent soil and ground-water investigations resulted in the installation of 13 soil borings, five of which were completed as monitor wells (Figure 1). Soil Boring Log Information forms (440-122) and Monitoring Well Construction forms (440-113A) for wells MW-4 and MW-5 are provided in Attachment A. All previous logs and construction forms were submitted to the WDNR in a report, "Soil and Ground-Water Investigations, Milwaukee Plating Company," dated November 21, 1991 by Simon Hydro-Search. A sixth monitor well was constructed by Dames and Moore, Inc. just west of the Central Controls garage east of Milwaukee Plating.



Wildman, Harrold, Allen and Dixon Page 2

Water levels and product thickness measurements were taken at the six monitor wells in May and June, 1993; product was detected only in well MW-1. The following product thicknesses were measured in well MW-1:

<u>Date</u>	Depth of Product (ft.)
May 3	0.40
May 11	0.69
June 8	0.22

The laboratory results for the soil samples collected from the installation of wells MW-4 and MW-5 are provided in Attachment B. Laboratory results for ground-water samples collected in July, 1993 from wells MW-3 and MW-5 are provided in Attachment B. Ground-water samples were not collected from well MW-1 due to free floating product, from well MW-2 because of a product sheen, nor from well MW-4 as it was dry. Milwaukee Plating has installed five wells; Central Controls has installed one additional well and its analytical results are provided in Attachment C.

Work Plan for Free Product Recovery

Free product will be removed from well MW-1 by bailing by Milwaukee Plating personnel. Initially, product will be bailed on a daily basis five work days per week. The bailing frequency will be increased or decreased depending upon the speed of well recovery and amount of product recovered.

Prior to bailing, the quantity of free product will be measured with a tape measure and "Water Finder" or "Gasoline Finder" paste, or similar material. The thickness of product will be recorded on the Product Bailing Record provided in Attachment D. A standard PVC bailer will be used to bail product from the well. The bailer will be lowered to a



depth of about 6 inches below the measured water table surface and the liquid in the bailer will be removed from the well. The product and water removed by the bailer will be transferred to a bucket and the bucket will be used to carry the liquid for storage in a 55-gallon drum located inside the Milwaukee Plating facility. Accumulated product will be sampled, analyzed, and disposed properly.

After a bailer full of liquid has been removed from the well, the tape measure will be used to measure any remaining product. If measurable product is present, the bailer will again be used to remove it. Floating product will continued to be removed until no measurable product remains after bailing on that day. If, after the first week of bailing, it is shown that a measurable amount of product does not accumulate in the well after the initial bailing, measurement of product thickness after bailing will be discontinued and only one bailer full of liquid will be removed per day.

The total quantity of liquid removed from the well will be estimated each day. All of the data collected each day will be recorded on the Product Bailing Record form.

Monitor wells MW-2 and MW-3 will be checked for free product on a quarterly basis beginning in September, 1993. If free product is detected in either well, it will be removed using the above procedures.

If floating product continues to accumulate in well MW-1 after three months of bailing, a product-only pumping system will be considered for this well. Plans and specifications for such a system would be provided to the WDNR for approval prior to construction. A product-only pumping system located in the alley would also require permits from the City of Milwaukee.



Wildman, Harrold, Allen and Dixon Page 4

O

SCHEDULE

Free product recovery from well MW-1 will begin during the week of September 7, 1993 and

will continue as needed thereafter.

A brief letter report will be prepared based upon the first 30 calendar days of free product

removal. This report will be submitted to the WDNR by November 12, 1993.

Milwaukee Plating also intends to abandon in-place the UST located in their basement.

Prior to abandonment, a hole will be cut in the top of it, the interior will be cleaned, and

samples of soil from beneath the tank will be collected for laboratory analysis.

Documentation of tank abandonment will be provided when completed.

* * * * * * * * * * * * *

If you have any questions regarding this work plan, please feel free to call me.

Sincerely,

SIMON HYDRO-SEARCH

Gerald DeMers, P.E.

Senior Engineer

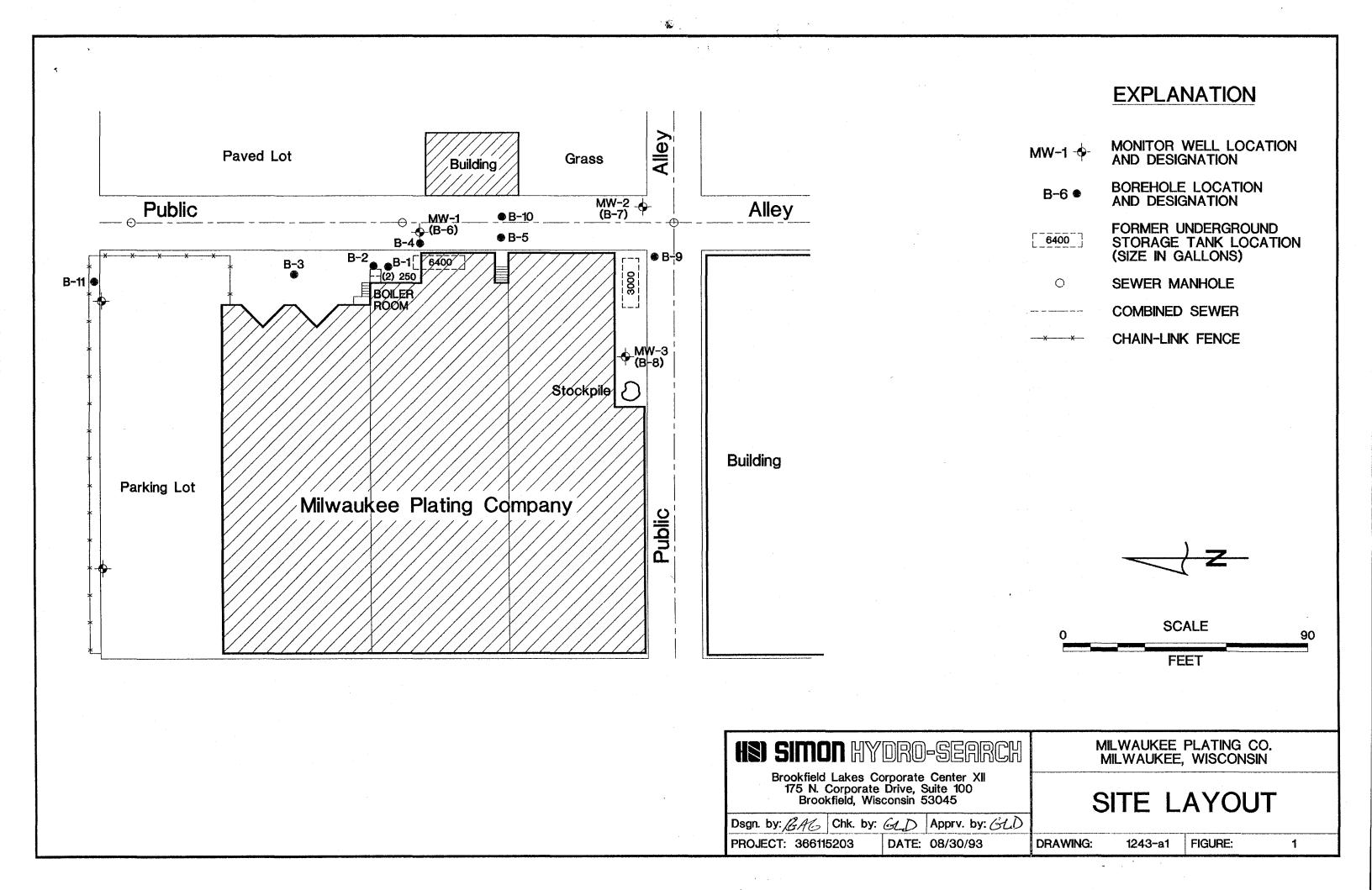
GLD:jo

attachments

cc: Alfred Mattacotti, Milwaukee Plating Company

James Bartzen, Boardman, Suhr, Curry & Field

FIGURE



ATTACHMENT A SOIL BORING LOGS AND MONITORING WELL CONSTRUCTION FORMS

Department of Natural ResourcesS							te To: Solid Waste Emergency R Wastewater		<u>X</u> u	az. Wa ndergr ater R ther	ound esou	Tanks rces					4400-	122	**************************************
Fa	cili	ty/Pro	ject Na	me	Milwa	ukee Platin	g Company					/Permi	t/Moni	torin	ig Nun	ber			Number
				·				· .									-	MW-	.5
Вс	oring	Drill	S	Firm na auter D at Bund	rillin	name of cr	ew chief)		0 6	illing / 25 DD	1_9_	2_		/ 2		2	ed Dri	lling	Method
DNR	Fac	ility i	√ell No	. WI Un	ique W	ell No.	Common Wel	l Name F	inal St	I Static Water Level Surface E						ion MSL			iameter inches
Sta	te P	ocations. Lane _ 4 of _		of Sec	N, tion_	20 T 7	E S/C/N N, R 22	E	Lat Lon				_	l Gri	Fe	et l	or S	3	cable)
Co	County DNR C 4						DNR Coun	ty Code	Civ	il Tow	n/Ci		/illag aukee	е					
SA	MPLE	-				,,		age days at the two the state or with	1 ₈₅ 4.000		_				SOIL	PROPE	RTIES	<u> </u>	
NUMBER	RECOVEREDO)	C O U N T S	D E P T H			AND GEOLOG	DESCRIPTION IC ORIGIN FOI JOR UNIT			USCS	G R A P H I C L O G	DI AGRAM	P	N T D R A A R T D I	M C O N T U R N T E T	L L L U M I I D T	P L A S I I I C T	P 200	RQD/ C O M E N T S
			0			dark gray	organic-rich (2.5YR 3/0) 6, fine-grain			OL-OH			0.0						
1	12		1 2 2			(10YŘ 8/2) homogeneou), nonplastic	e, moist,					0.0						
2	7	21,53 21,25								SP			0.0						
3	18	7,14 30,21	5 6 	5.0 -	7.0:	about 25% fragments,	e-grained wit sand, 75% ye sand is whi c, moist (Fil	ellow bri ite (10YR		SP			0.0					The state of the s	
4	13	26,10 31,20		7.0 -	9.0:	and 20% ar gravel, pa	ut 80% fine-g gular medium le brown (10 moist, homoge	n limesto YR 7/3),	ne non-	SW			0.0						
I 1	nereb	cert	i9l ify the	t the i	<u>nfo</u> rma	tion on thi	s form is tr	ue and c	orrect	to the	bes	t of m	y knoi	ıledge	· .	L	L	I	
Sig	gnatu							Firm		ION HYD			., #10	00, Br	ookf	ield,	WI S	53045	
For	feit les:	fot than	ss tha 30 day	n \$10 n	or mor oth, f	e than \$5,0 or each vio	AND 162, Wis 00 for each lation. Eac	violation	n. Fir	ned not	: les	s than	\$10 d	or mor	e tha	an \$1	00 or	impri	soned o

BOL	ing w	umber .	11M J			.,				1					- 01
SAI	1PLE	,					G			P	SOIL	PROPE	RTIES		
NU MBER	RECOVEREDO)	C O B U L N O T S	D E P T H		SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	Uscs	GRAPHIC LOG	DIAGRAM	P	SET NA ENT DA A A R T D O N	M C C O N T U E N E T	L I L Q I U M I I D T	P L S I T M I I C T	P 2 0	RQD/ C O M M E N T S
			9 -	9.0 - 11.0:	SILTY CLAY, about 75% clay and 25%										
5	20	3,4 5,10	10 10		silt, yellowish brown (10YR 5/4), high plasticity, moist to wet, angular, geotite mottles (Till)	CL-ML			0.0						
			11	11.0 - 13.0:	SILTY CLAY with gravel, 60% clay,			-							
6	24	18,12 14,12	 12 		20% silt, 20% fine gravel; brown (10Yr 4/4), highly plastic, moist to wet, angular geotite mottles, gravel lens from 11.25 to 12.0° was wet and had slight sulfur odor (Till)	CL-ML			0.0						
-			13 	13.0 - 14.0:	SILTY CLAY, about 60% clay, 20% silt, 20% fine to medium angular						-				-
					gravel, brown (10Yr 4/4), highly plastic, angular, no mottles (Till)	CL-ML									
7	24	12,36 50,47	—14 — — — —15	14.0 - 16.0:		CL-ML			0.0						
			_												-
8	24	21,36 45,30	_ 16	16.0 - 16.5:	SILT, gray (10YR 4/2), nonplastic,	-	ļ	İ	0.0	İ					
		45,30]]		moist, angular	ML									Ì
			_ 17 	16.5 - 17.0:	80% fine subangular gravel, wet (Outwash)	GM									
9	14	45,30 47,56	18 18 	17.0 - 19.0:	SILTY CLAY, 60% clay, 20% silt, and 20% fine to medium subrounded gravel, brown (10YR 4/2), dry, homogeneous, very hard and dry (Till)	ML-CL			0.0						
			—19 —	EOB: 19.0 ft											
			_	,		Ì									
			—20 —												
			_												
-			21												
			_						1			1			1
			_												
			_												1
			_												
			_				İ								
			_												Ì
			_				}								
1	1						L	1	L		1	<u> </u>	L	L	

State of Wisconsin Route To: Department of Natural Resources Solid Was Emergency Wastewate									<u> </u>	az. Wa ndergr ater R	ound	Tanks					RING L 400-1		IFORMATIO 7/9
•							wastewater			ther _							F	age _	<u>1</u> of _2
Fa	cilit	ty/Pro	ject Na	ime	Milwa	ukee Platir	ng Company			Lic	ense	/Permi	t/Moni	torin	g Num	ber	Вс	oring MW-	Number 4
Во	oring	Drille	S	Firm na auter D at Bund	rillin	name of cr g	rew chief)		06	illing / 25 DD	19	2_		_/_2_		2	d Dri	lling	Method
DNR	Fact	lity i	Jell No	. WI Un	ique W	ell No.	Common Well	l Name F	1							evation Borehole Diamete			
		ocational and and and and and and and and and and		of Sec	N, tion _	20 T_7	E S/C/N _N, R 22 E	E	Lat Feet N or S Long Feet E or W								;	cable)	
Со	unty	M	ii lwauk	ee			DNR Count	ty Code	Civ	il Tow	n/Ci	ty/or \	Villag aukee	е			***************************************	***************************************	
SA	MPLE														SOIL	PROPE	RTIES		
N U M B E R	R E E O O O O O O O O O O O O O O O O O	C O B U N O T W S	D E P T H			AND GEOLOG	DESCRIPTION IC ORIGIN FOR JOR UNIT			USCS	G R A P H I C L O G	D I E G L R A M	P	PE NET RATION	T T U E R N	L L Q I U M I I D T	P L A S I I C T	P 2 0 0	RQD/ C O M M E N T S
			E																
				0.0 -	3.0:	25% silt, 15% organ	Y TOPSOIL, ab 10% medium a ics; brown (1 asticity, hom	angular (10YR 5/4	gravel,),				0.0						
1	6	9,25				(Fill)	, ,			OL			0.0						
2	11	2,2	3 4 5	3.0 -	6.5:	sand, and angular gi	Y, about 70% 10% fine- to Town asticity, moi Fill)	medium (10YR 4)	, sub- /4),	CL			0.0						
3	16	2,2	_ _ _ _ _	6.5 -	7.0:	CLAYEY SAI	ND, about 80%	í fine sa	and				0.0						
			 7			and 20% cl low plasti	lay, yellow (icity, moist,	10YR 5/8 subangu	3),	sc									
4	24	2,1 1		7.0 -	9.8:	CLAYEY SAN	ppears in vugs (Fill) SAND, 70% fine sand and 30% brown (10YR 5/8), low city, wet, subangular (Fill)						0.0						
	rereby	/ cert	ify the	t the t	nt of ma	tion on thi	is form is tr	ue and d	correct	to the	e bes	t of m	y know	ıl edge	: .				
Sig	gnatur	e /		In I				Firm		ION HYD		EARCH ate Dr	., #10	0, Br	ookfi	eld,	WI 5	3045	
For	is for feit less	no# Ve	ess tha	ın,∕\$10 n	or mor	e than \$5,0	AND 162, Wis 000 for each olation. Eac	violatio	on. Fir	ied not	t les	s than	\$10 c	or mor	e tha	n \$10	00 or	impri	soned

Paring	Number	MW-4
8011119	MONINGE	11177 7

ВОІ	IIIg N	umber	1117 7												-3	
SA	MPLE										SOIL PROPERTIES					
NUMBER	R LECO STERED (in)	C O U N T S	D E P T H			SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	Uscs	G R A P H I C L O G	DIAGRAM	P	PENETRATION STANDARDON	M C O O N T U R N T E T	L I U I I D T	P L S I T M I I C T	P 2 0 0	RQD/ C O M M E N T S
5	21	2,3 4,4	9 10 			SILTY CLAY, about 75% clay and 25% silt, brown (10YR 5/4), high plasticity, moist, subangular, limonite and geotite mottles (Till)	ML-CL			0.0						
6	20	4,5 7,8	—11 — — —12 —	11.0 - 1	15.0:	SILTY CLAY, about 80% clay and 20% silt, brown (10YR 4/6), high plasticity, moist, angular, limonite mottles (Fill)				0.0						
7	4	2,4 7,10	—13 14 				ML-CL			0.0						
8	4	4,7 7,9	—15 16 	15.0 - 1	17.0:	SANDY CLAY, 70% silt and 30% clay vugs, very dark gray (10YR 3/1), high plasticity, wet, homogeneous, may be original grade (Fill/Topsoil)	CL			0.0						
9	24	3,4 7,7	17 18 	17.0 - 1	19.0:	SILTY, SANDY CLAY, about 25% silt, 15% sand, and 60% clay; brown (10YR 4/3), medium to high plasticity, moist to wet, subangular, 3" sand fine gravel lens at 18.6', very moist (Till)	ML-CL			0.0						
10		5,7 10,8	19 	19.0 - 2		SILTY CLAY, 60% clay and 40% silt, brown (10YR 4/4), medium plasticity, moist to wet, homogeneous, silt lens are wet (Till)	ML-CL			0.0						
			- · · · · · · · · · · · · · · · · · · ·													

State of Wisconsin -partment of Natural Resources		M Fo	ONITORING WELL CONST orm 4400-113A	TRUCTION 8-89	,
mility/Project Name	Grid Location		Well Name		
Milwan Kep Plating		fr N. S.	IMW-4		
mility License, Permit or Monitoring Number		ft. 🗆 E. 🗆 W.	Wis. Unique Well Number.	DNR Well ?	Vumber
ype of Well Water Table Observation Well 🔯 11	Section Location		Date Well Installed		
Piezometer 🔲 12		1/4 of Section <u>20</u> ,		6125190	Z
stance Well Is From Waste/Source Boundary	T 7 N. R 22	,	Well Installed By: (Person'	s Name and Firm)
ft. Is Well A Point of Enforcement Std. Application?	Location of Well Relativ	e to Waste/Source	Pat Bundl	: ,	
II D.Yes D No	☐ Upgradient☐ Downgradient	☐ Sidegradient ☑ Not Known	Souter Dri	18-a	
A. Protective pipe, top elevation f		1. Cap and lo	Sauter Dr:)	Yes D] No
		2. Protective	cover pipe:		
0, 1		a. Inside di		. <u>.</u> .	in.
	MSL	b. Length: c. Materia		Steel 🔲	ft. 1 04
Surface seal, bottom ft. MSL or _	D ft		Josh mount	Other 🖸	
USCS classification of soil near screen:	1	117	nal protection?	☐ Y⇔ 🖾	l No
	/ /!	If yes, d	lescribe:		
☐ Bedrock	\ <u>`</u>	3. Surface sea	d:	Bentonite 🗵 Concrete 🛘	
_ Sieve analysis attached?	6 \		÷	Other \Box	
14. Drilling method used: Rotary 5	0 \	4. Material be	tween well casing and protect		20000000
Hollow Stem Auger 🔼 4				Bentonite 🛘	30
Other 🗆	\			ılar space seal 🔲	٠.
L Drilling fluid used: Water □ 02 Air □ 0	11			Other 🖾	(44)(44)
Drilling Mud 🗆 03 ' None 🗆 9		5. Annular sp	· · · - · · -	ular Bentonite	
		YYY	s/gal mud weight Bentoni s/gal mud weight Ber		
16. Drilling additives used?	· .		Bentonite Bentonite-		
Describe			Ft ³ volume added for any		7
17. Source of water (attach analysis):		How installe		Tremie 🛘	01
(Tre	mie pumped	0.2
	= ──			Gravity 🗆	08
E Bentonite seal, top ft. MSL or	D. 🖁	6. Bentonite se	eal: Bento n. [] 3/8 in. [] 1/2 in. Bent	onite granules 🖫	
Bentonite sear, top 1t. 1435 of	- ··= ···\	11/4 11	п. Цэ/о н. Ц 1/2 н. Бен	Other []	2000000
Hine sand, top ft. MSL or	D ft.	7. Fine sand m	naterial: Manufacturer, produ		
		Budger	Mining 40-60		
C =ilter pack, top ft. MSL or		::	ed 150 16 hag 1		:
H. Well screen, top ft. MSL or _ / C).2 ft.	··· / ^ -	material: Manufacturer, produ	3	11 3125
•			let 75016 Dears 18	<u></u>	
I Tell screen, bottom ft. MSL or	2.5 ft.	9. Well casing		•	23
J Filter pack, bottom ft. MSL or _21			Flush threaded PVC s		24
		10. Screen mate	rial: Schelule 40	Other D	
k. Borehole, bottom ft. MSL or	<u> </u>	Screen type:		Factory cut	11
			Con	ntinuous slot	0 1
Lesorehole, diameter		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Tolor O.E. W.	Other D	
M. O.D. well casing _2.37 in.		Manufacturer Slot size:	Tohnson Envir	0. D	<i>! Q</i> in.
		Slotted lengt	ıh:	ĹQ	. <u>⊘</u> ft.
N I.D. well casing 2.00 in.		11. Backfill mate	erial (below filter pack):	None EQ	
III de la companya de	Compile Anna condition	and to the back of the	leasuled -	Other 🗆	
I preby certify that the information on this f	orm is true and corr	rect to the best of my	knowleage.		
THE STATE OF THE S	Stoner	Hydro Spa	rch	:	
Please complete and return both sides of this form as rec	quired by chs. 144, 147 ar	nd 160, Wis. Stats., and ch.	NR 141, Wis. Adm. Code. Ir	accordance with	1
ci 144, Wis Stats., failure to file this form may result i	n a fortesture of not less t	nan 310, nor more than \$3,	uvu for each day of violation	. in accordance	

which. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation.

State of Wisconsin Department of Natural Resources Milwey Cop Plating		MONITORI Form 4400-11	NG WELL DEVELO 13B	PMENT 8-89
Facility/Project Name		Well Name MW —		
License, Permit or Monitoring Number		Wis. Unique Well Nu	mber DNR: We	ell Number
1. Can this well be purged dry? The Well of Salay 2. Well development method surged with bailer and bailed surged with block and bailed surged with block and pumped surged with block, bailed and pumped compressed air bailed only pumped only pumped slowly Other 3. Time spent developing well 4. Depth of well (from top of well casisng) 5. Inside diameter of well casing 7. Volume of water removed from well	50 min. 20.5ft. 2.00 in.		were used and well is a	m m d d y y a.m. p.m. inches Clear 20 Turbid 25 (Describe)
3. Volume of water added (if any)		14. Total suspended solids	mg/l	mg/l
2. Source of water added		15. COD	mg/l	mg/l
O. Analysis performed on water added? (If yes, attach results) Additional comments on development:	□Yes □No			

Well is Dry

Well developed by: Person's Name and Firm	I hereby certify that the above information is true and correct to the best of my knowledge.
Name: John Kaffan	Signature:
Firm: S:mon-HSI	Firm: (5:000 - HSI

NOTE: Shaded areas are for DNR use only. See instructions for more information.

MONITORING WELL DEVELOPMENT Form 4400-113B 8-89

Facility/Project Name	Well Name									
License, Permit or Monitoring Number	Wis: Unique Well Number DNR Well Number									
1. Can this well be purged dry?	Before Development After Development 11. Depth to Water									
2. Well development method surged with bailer and bailed	(from top of well casing) Date m m / d / y y m m / d d / y y									
3. Time spent developing well min.	Turbid 🛘 15 Turbid 🗎 25 Describe) (Describe)									
4. Depth of well (from top of well casisng) ft.										
5. Inside diameter of well in.										
6. Volume of water in filter pack and well casing gal. 7. Volume of water removed from well gal. 8. Volume of water added (if any) gal.	Fill in if drilling fluids were used and well is at solid waste facility: 14. Total suspended mg/l mg/l mg/l									
9. Source of water added	15. CODmg/l									
10. Analysis performed on water added? Yes No. (If yes, attach results)										
Additional comments on development: No Water in Well Can not Develop										
Can not Develop										
Well developed by: Person's Name and Firm	I hereby certify that the above information is true and correct to the best of my knowledge.									
Name:	Signature:									
iim:	Firm:									

NOTE: Shaded areas are for DNR use only. See instructions for more information.

ATTACHMENT B LABORATORY ANALYTICAL RESULTS FOR MILWAUKEE PLATING / SIMON HYDRO-SEARCH



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

Tel: (414) 261-1660 Fax: (414) 261-8120

ANALYTICAL REPORT

MASTER FILE COPY

Project # 366 115203 CC: GLD, MRN, JFK

Mr. Jerry DeMers SIMON HYDRO-SEARCH, INC. 175 N. Corporate Drive Suite 100 Brookfield, WI 53045 07/13/1992 Job No: 92.2772 Account No: 39150 Page 1

JOB DESCRIPTION: SHSI #366115203 PROJECT DESCRIPTION: Soil Sample SAMPLE DESCRIPTION: SEE BELOW

SHSI #366115203 Rec'd on ice

Date Received: 06/26/1992

14:25

Date Taken: SEE BELOW

SEE BELOW

Parameter	Results	Units	Detection Limit	Date Analyzed
47803 MW-5 (7-9')	٠		06/25/1992	08:39
Solids, Total GRO - Nonaqueous DRO - NONAQUEOUS	84. <5.0 6.	% mg/kg mg/kg	5.0 5.0	07/09/1992 07/03/1992 07/06/1992
47804 MW-4 (5-7')			06/25/1992	12:45
Solids, Total GRO - Nonaqueous DRO - NONAQUEOUS	no samp <5.0	% mg/kg mg/kg	5.0 5.0	07/09/1992 07/06/1992 07/08/1992

David W. Havick, Manager

Watertown Division

Certification No. 128053530

Of Hand



NET Midwest, Inc. Watertown Division 602 Commerce Drive P.O. Box 288 Watertown, WI 53094

Tel: (414) 261-1660 Fax: (414) 261-8120

CHAIN OF CUSTODY

92.2772

		· E			<u> </u>		<u>. T</u>		• .											
lien	nt Simon	Hyd	10-	<u>5</u> e	<u>'د ب'</u>	<u>c</u> h		Pro Na	oje ume											
end	Report to: Je	,2 r \		e_[Ne	75				36	61	15		2		<u> </u>	·			
Addre	ss 175 N Co	Mer	ate	<u>ſ</u>)r.		_	Col	le	cte	d b	у:								
-elep	Report to: Je ess 175 N Co Accektive phone # 792-	l'cl ' -)	NI	<u>. </u>) ゾ	<u></u>	<u> </u>	J	F	K	/	A	EF]
		γ		· ·									·							
	Collection	Parameters																		
∍ mple ID	Sampling Location	No. of Con- tainer	GRC, B	ORO																
-	mw-5(7-9)	6135	2:39	X		((02)	24	X	X		3/	LA P	71	† i/	40	-	1			
A	mω-5(7-9) mω-4(5-7)	6/25	12:45	, X		1.	3	1	X			140		1	/4 a	2		+		
-	11100 10 11	12	V				-				1	-						+		
												\top	+	 				+		
												+						-		
												\top	+				_	+		
		-	-										-			+	+	+		
												+	-			-	+	+	H	
													_			-		+		
Remark	(s:			لــــا			L											1	<u> </u>]
	Relinquished h	oy:		Dē	ate	e Time	e 🕜)	F	Rece	eiv	ed	by:				Dē	ite	Tin	ne
	N. Balala			6/	26/	122	4	eny	<u>'</u>	Kh	m	4					V-2	6-97	142	5
Jen	7 Jehnily	6/	<u>//</u>	<u> </u>	ex	نىر	~ /	Na.	>			4/2	ifc)							
† hiyo	ping Notes/Lab	Comm	ents	* .			Re	ecei	vec	1 fo	or 1	NET	Mi	dwe	st	рÀ				
	les Field Filte Intact Upon I			-	<u>.</u>	Yes Yes			0 0]	N/A								

SWANSON ENVIRONMENTAL INC.

3150 North Brookfield Road Brookfield, Wisconsin 53045 telephone (414) 783-6111 FAX (414) 783-5752



WDNR Certification #268181760

REPORT NUMBER:

BC014

Simon Hydro-Search, Inc.

AUG 175 North Corporate Drive, Suite 100

Brookfield, WI 53045

Attn: Mr. Gerald DeMers

Project #356115203

3 1992

DATE: July 29, 1992

PURCHASE ORDER: ESEL NO: WL1967

HSI - BROOKF ELDATE COLLECTED:

DATE RECEIVED:

07/17/92

07/17/92

Matrix: Groundwater

Units: mg/l (ppm)

DATE EXTRACTED DRO - 07/02/92

DATE ANALYZED

GRO - 07/27/92DRO - -07/24/92

MASTER FILE COPY

Project # 366 11520 3 CC:

<u>Analyte</u>

SEI ID

1967-1 MW-3

1967-2 MW-5

PQL

Sample ID

WDNR Modified Method GRO

GRO 78920

0.6

< 0.1

WDNR Modified Method DRO

78919

DNR #

DRO

0.1

0.1

< 0.1

< 0.1

SWANSON ENVIRONMENTAL INC.

3150 North Brookfield Road Brookfield, Wisconsin 53045 telephone (414) 783-6111 FAX (414) 783-5752



WDNR Certification #268181760

REPORT NUMBER: B0014

Simon Hydro-Search, Inc.

175 North Corporate Drive, Suite 100

Brookfield, WI 53045

Attn: Mr. Gerald DeMers

Project #366115203

DATE: July 29, 1992

PURCHASE ORDER: SEI NO: WL1967

DATE COLLECTED: 07/16&17/92

DATE RECEIVED: 07/17/92

DATE ANALYZED: 07/21/92

Matrix: Groundwater

Units; ug/l (ppb)

	SEI ID	1967-1	1967-2	1967-3
DNR #	Analyte Sample ID	MW-3	MW-5_	Trip <u>Blank</u>
EPA Metho	d 8021	-		
78124	Benzene	250	<1	<1
81555	Bromobenzene	<1	<1	<1
77297	Bromochloromethane	<1	<1	<1
32101	Bromodichloromethane	<1	<1	<1
32104	Bromform	<1	<1	<1
34413	Bromomethane	<1	<1	<1
77342	n-Butylbenzene	<1	<1	<1
77350	sec-Butylbenzene	<1	<1	<1
77353	tert-Butylbenzene	<1	<1	<1
32102	Carbon tetrachloride	<1	<1	<1
34301	Chlorobenzene	<1	<1	<1
34306	Chlorodibromomethane	<1	<1	<1
34311	Chloroethane	<1	<1	<1
32106	Chloroform	<1	<1	<1
34418	Chloromethane	<1	<1	<1
77275	2-Chlorotoluene	<1	<1	<1
77277	4-Chlorotoluene	<1	<1	<1
38437	1,2-Dibromo-3-chloropropane	<2	<2	<2
77651	1,2-Dibromoethane	<2	<2	<2
77596	Dibromomethane	<1	<1	<1

SWANSON ENVIRONMENTAL INC.

3150 North Brookfield Road Brookfield, Wisconsin 53045 telephone (414) 783-6111 FAX (414) 783-5752



WDNR Certification #268181760

REPORT NUMBER: B0014

Simon Hydro-Search, Inc.

175 North Corporate Drive, Suite 100

Brookfield, WI 53045

Attn: Mr. Gerald DeMers

Project #366115203

DATE: July 29, 1992

PURCHASE ORDER:

SEI NO: WL1967

DATE COLLECTED: 07/16&17/92

DATE RECEIVED: 07/17/92

DATE ANALYZED: 07/21/92

Matrix: Groundwater

Units: ug/l (ppb)

		SEI ID	1967-1	1967-2	1967-3 Trip
DNR: #	<u>Analyte</u>	Sample ID	MW-3_	_MW-5_	Blank
EPA Method	8021				
77224	n-Propylbenzene		<1	<1	<1
77128	Styrene		<1	<1	<1
77562	1,1,1,2-Tetrachlor	pethane	<1	<1	<1
34516	1,1,2,2-Tetrachloro	bethane	<1	<1	<1
34475	Tetrachloroethene		<1	<1	<1
78131	Toluene		_ 1	<1	<1
77613	1,2,3-Trichlorobena	zene	<1	<1	<1
34551	1,2,4-Trichloroben		<1	<1	<1
34506	1,1,1-Trichloroetha	ane	<1	<1	<1
34511	1,1,2-Trichloroetha	ane	<1	<1	<1
39180	Trichloroethene		14	<1	<1
34488	Trichlorofluorometh	nane	<1	<1	<1
77443	1,2,3-Trichloroprop	pane	<1	<1	<1
77222	1,2,4-Trimethylbenz	zene	<1	<1	<1
77226	1,3,5-Trimethylbenz	zene	<1	<1	<1
39175	Vinyl chloride		140	<1	<1
77135	o-Xylenes		<1	<1	<1
85795	m & p Xylenes		<1	<1	<1

exemery L. Rosemary L. Dineen Laboratory Director CHAIN OF GUSTODY RECORD

PROJ. NO.	PRO	JECT N	AME					TEST PARAMETERS					,						
							NO.				/	Τ,	Τ,	Τ,	7		7	SAMP	LE TYPE
SAMPLER							OF										/	074411	
	JF	K_	ı——-		· · · · · · · · · · · · · · · · · · ·		CONTAINERS				/ ,	/ /	/ /	(Specif	fy ground	dwater, soil,			
SEI #	STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION			3/1	¥:	y ,			/			waste	water, s	udge, etc.)
		7/17	16:35		Χ	$M\omega$ -3	.5	X	X	Х	2	\$	Q.A.	nle		, (Dat	PT	
		13	15:∞		X	mw-5	5	X	メ	×	5	4	Vy	rlo xl,	- E'	ich	11		
						MW-5 Trip Blank	2	<u> X-</u>		χç		6	vi	zl,					
																	<u>.</u>		
																·····			
																·	; * 5.		
								 	<u> </u>										
								 									· · · · ·		
																		 	
																			· · · · · · · · · · · · · · · · · · ·
SAMPLE (CONDITION	:	7.1	-	T	· C	SAMPLE	LOCA	TION	:	<u> </u>	·		· · · · · · · · · · · · · · · · · · ·			:		
· b	KECEIVE		IN	•	<i>4</i> C														
RELINQUI	SHED BY:		,		DATI	E / TIME RELINQUISHED BY:	<u> </u>	DATE	/ TIM	AE S	PECI	AL RE	QUE	STS:	,				
III.	1 th				7/2	d 1240													
RECEIVED	BY	0 -				TIME RECEIVED BY:		DATE	/ TIN	_	REPOR	OT TO				······································			
V Xali	(D	Msc	\sim		Vill	(10:90)			<u> </u>				•						
						LABORATORY				١	IAME:								
:						North Brookfield Rd. rookfield, WI 53045				A	DDRE	ESS:							
-		=			F	(414) 783-6111 fax (414) 783-5752				<u> </u> F	нои	E:							·

SWANSON ENVIRONMENTAL INC.

ATTACHMENT C

LABORATORY ANALYTICAL RESULTS FOR

CENTRAL CONTROLS / DAMES & MOORE

Telephone: (414) 521-2470





SUBURBAN LABORATORIES of WISCONSIN, Inc.

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

FINAL REPORT OF LABORATORY ANALYSIS LEVEL II

Dames & Moore 250 East Wisconsin Aveune Suite 1500 Milwaukee, WI 53202 Attention: DAN VIEGIET

Report Date: April 27, 1993

SLI Order Number: W304119

Page Number: 1

Date Samples Received: 04/12/93 Samples Collected By:

CLIENT

Project ID.: CCAC 26312-001

P.O. #:

Date Collected: 04/12/93 SLI ID: W304119-01A

PARAMETER	RESULT	UNITS	MDL	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Lead by HGA (Furnace)	0.002	mg/l	0.001				EPA 239.2
DIESEL RANGE ORGANICS	0.609	mg/1	0.10	04/15/93			WI DNR MOI
GASOLINE RANGE ORGANICS PVOC (WI LUST LIST)	10.6	mg/l	0.10		04/20/93	RD	WI DNR MOL
Benzène 71-43-2	3970	ug/l	0.500		04/20/93	RLD	
Ethyl benzene 100-41-4	154	ug/l	0.500		04/20/93	RLD	
Methyl-t-butyl-ether 1634-04-4	9.68	ug/l	0.500		04/20/93	RLD	
Toluene 108-88-3	71.3	ug/l	1.00		04/20/93	RLD	
1,2,4-Trimethylbenzene 95-63-6	57.5	ug/l	0.500		04/20/93	RLD	
1,3,5-Trimethylbenzene 108-67-8	194	ug/l .	0.500		04/20/93	RLD	
** m-Xylene 108-38-3	414	ug/l	1.00		04/20/93	RLD	
** p-Xylene 106-42-3	414	ug/l	1.00		04/20/93	RLD	
o-Xylene 95-47-6	138	ug/l	0.500		04/20/93	RLD	
SURROGATE STANDARD % 4-Bromofluorobenzene	RECOVERY 97%				04/20/93	RLD	



Ex 15

Telephone: (414) 521-2470 FAX: (404) 521-0262



SUBURBAN LABORATORIES of WISCONSIN, Inc.

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

Client: Dames & Moore

SLI Order Number: W304119

Report Date: April 27, 1993

11:06

للتاشر

Page Number:

COMMENTS

Analysis Certified By:

Reported By: JOANNE Verified By: DJH

Laboratory Director



SUBURBAN LABORATORIES, Inc.

"Analytical Testing"
Environmental, Microbiological, Nutritional
4140 Litt Drive • Hillside, Illinois 60162 - 1183

GLOSSARY OF TERMS

NI.....Not Injected CS.....Compound Screened ND.....Not Detected NG....Not Given MI.....Matrix Interference Y*....No Free Liquid Present NA.....Not Applicable or Not Available N*....Free Liquid Present MDL.... Method Detection Limit F.....Estimated Concentration BDL....Below Detection Limit TNTC....Too Numerous to Count EQL.... Estimated Quantitation Limit PQL....Practical Quantitation Limit *.....Sample concentration is less than or equal to the reported value **....o-Xylene & p-Xylene are co-eluting. (Under present conditions we are unable to discern between the two, hence the quantitation is plus or minus that value.) +.....Upon visual review of the Total Ion Chromatograms, unidentified peaks were observed which are outside the parameters listed. EPA.... "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, United States Environmental Protection Agency, Revised March 1983 and 1979 where applicable. "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", United States Environmental Protection Agency, SW-846 November 1986 and Revision 1, November 1990 where applicable. "Methods for the Determination of Organic Compounds in Drinking Water", United States Environmental Protection Agency, EPA/600/4-88/039 July 1988, and EPA/600/4-90/020 July 1990 where applicable. SM....."Standard Methods for the Examination of Water and Wastewater", American Public Health Association, American Water Works Association, 17th Edition 1979, and 18th Edition 1992 where applicable. ASTM...."1991 Annual Book of Standards, Water and Environmental Technology", American Society for Testing and Materials, 1986.

AOAC.... "Official Methods of Analysis of the Association of Official Analytical

Chemists", Methods Manual 15th Edition 1990.

DAMES & MOORE

250 East Wisconsin Ave, Suite 1500 Milwaukee, Wisconsin 53202 (414) 347-0800 FAX:(414) 347-0288

Lab Suburbar	Turnaround Time
Chain of Custody Seal ##	☐ Rush (preapproved by Lab)

		•	isconsin 33							120	Norm	aı .
PROJECT	NAME:_ #:		X:(414) 347-1 2AC 22-001 QX U	•	SHIPPING DI Method of St Contents Tem	nipment SU		077			7 July 20	
LAB USE ONLY	DATE	SAMPLE TIME	CONTAINERS	No.	SAMPLE ID	SAMPLE TYPE		ANALY	SIS REC	UEST	ED	REMARKS/PRESERVAT.
	4/12/9	B	16.91	2	CCAC/MWI/APR93	GW.			X	X		
	11		40m191	6	11	11	×	X				
			7									
•												
	 			-								
· · · · · · · · · · · · · · · · · · ·	 	 					 					
				-								
				ļ					<u></u>			
				ļ	1							
CHAIN OF C	USTO	Y RECO	ORD			SUBTOTAL					and primit	TOTAL
SAMPLER: Lecolis	(SKINATUI	gay	DATE //12/93	com ele	MENTS ase felice	lead	ean	pl				
RELINQUISH	Lib	egel	4/12/93	72 ,	ECEIVED BY: SKANATURE)	RELINQUISHED B						
RELINQUISH	ED BY: (SIGNATURI	9 DATE/TIM	IE R	ECEIVED BY: (SIGNATURE)	RELINQUISHED B	Y: _(SXGNA)	<i>URE)</i> DA	TE/TIME	RECEIVE	D FOR LABO <i>NATURE</i>)	DATE/TIME



SUBURBAN LABORATORIES, Inc.

OF WISCONSIN

Analytical Testing Environmental, Microbiological, Nutritional

N8 W22520-B Johnson Drive Waukesha, WI 53186

FAX: (414) 521 0626

Telephone: (414) 521 2470

RECEIVED APR 2 1 1993

26312-501 itib. Sil

FINAL REPORT OF LABORATORY ANALYSIS LEVEL II

Dames & Moore 250 East Wisconsin Aveune

Suite 1500

Attention: Hiedi Virgil

Project ID.:

CCAC-GRENSHEW

Report Date: April 14, 1993 13:57

SLI Order Number: W303016

Page Number: 1

P.O. #:

Date Samples Received: 03/25/93 Samples Collected By: CLIENT

Date Collected: 03/25/93 SLI ID: W303016-01A

Participation of the Participa							
PARAMETER	RESULT	UNITS	MDL	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Lead by ICP DIESEL RANGE ORGANICS GASOLINE RANGE ORGANICS PVOC (WI LUST LIST)	41.6 14.6 <10.0	mg/kg mg/kg mg/kg	0.50 10.0 10.0		04/08/93 03/29/93 03/30/93	JKK	EPA 6010 WI DNR MOD WI DNR MOD EPA 8020
Benzene 71-43-2	<50.0	ug/kg	0.500	03/25/93	03/30/93	LF	1
Ethyl benzene	<50.0	ug/kg	0.500	03/25/93	03/30/93	LF	
Methyl-t-butyl-ether 1634-04-4	<50.0	ug/kg	0.500	03/25/93	03/30/93	LF	
Toluene 108-88-3	<100	ug/kg	1.00	03/25/93	03/30/93	LF	
1,2,4-Trimethylbenzene 95-63-6	<50.0	ug/kg	0.500	03/25/93	03/30/93	LF	
1,3,5-Trimethylbenzene	<50.0	ug/kg	0.500	03/25/93	03/30/93	LF	
** m-Xylene 108-38-3	<100	ug/kg	1.00	03/25/93	03/30/93	LF	
** p-Xylene 106-42-3	<100	ug/kg	1.00	03/25/93	03/30/93	LF	
o-Xylene 95-47-6	<50.0	ug/kg	1.00	03/25/93	03/30/93	LF	
SURROGATE STANDARD 4-Bromofluorobenzene	% RECOVERY 94%				03/30/93	LF	



Telephone: (414) 521 2470

(414) 521 0626

SUBURBAN LABORATORIES, Inc.

OF WISCONSIN

Analytical Testing Environmental, Microbiological, Nutritional

N8 W22520-B Johnson Drive Waukesha, WI 53186

Client: Dames & Moore

SLI Order Number: W303016

Report Date: April 14, 1993

Page Number: 2

Sample ID: CCAC-DMI-S2-8-10

Sample Type: SOIL

Date Collected: 03/25/93

SLI ID: W303016-02A

PARAMETER	RESULT	UNITS	MDL	DATE EXTRACTED	DATE ANALYZED	BY	METHOD
Lead by ICP	56.6	mg/kg	0.50		04/08/93	WC	EPA 6010
DIESEL RANGE ORGANICS	<10.0	mg/kg	10.0	03/26/93	03/29/93	JKK	WI DNR MOD
GASOLINE RANGE ORGANICS PVOC (WI LUST LIST)	<10.0	mg/kg	10.0	03/25/93	03/30/93	LF	WI DNR MOD EPA 8020
Benzene 71-43-2	<50.0	ug/kg	0.500	03/25/93	03/30/93	LF	
Ethyl benzene 100-41-4	<50.0	ug/kg	0.500	03/25/93	03/30/93	LF	
Methyl-t-butyl-ether 1634-04-4	<50.0	ug/kg	0.500	03/25/93	03/30/93	LF	
Toluene 108-88-3	<100	ug/kg	1.00	03/25/93	03/30/93	LF	
1,2,4-Trimethylbenzene	<50.0	ug/kg	0.500	03/25/93	03/30/93	LF	
1,3,5-Trimethylbenzene	<50.0	ug/kg	0.500	03/25/93	03/30/93	LF	
** m-Xylene 108-38-3	<100	ug/kg	1.00	03/25/93	03/30/93	LF	
** p-Xylene 106-42-3	<100	ug/kg	1.00	03/25/93	03/30/93	LF	
o-Xylene 95-47-6	<50.0	ug/kg	1.00	03/25/93	03/30/93	LF	.1
SURROGATE STANDARD 4-Bromofluorobenzene	% RECOVERY 93%				03/30/93	LF	



SUBURBAN LABORATORIES, Inc.

OF WISCONSIN

"Analytical Testing" Environmental, Microbiological, Nutritional

N8 W22520-B Johnson Drive Waukesha, WI 53186

Client: Dames & Moore

SLI Order Number: W303016

Report Date: April 14, 1993

FAX:

13:57

Telephone: (414) 521 2470

(414) 521 0626

Page Number:

Sample ID: CCAC-DMI-S3-10-12

Sample Type: SOIL

Date Collected: 03/25/93

SLI ID: W303016-03A

PARAMETER	RESULT	UNITS	MDL	DATE EXTRACTED	DATE ANALYZED	<u>BY</u>	METHOD
PARTICLE SIZE							SEIVE
> 2 mm RTIC	1.0				04/02/93	mkk	
2 - 1 mm	1.5				04/02/93	mkk	
1 - 0.5 mm RTIC	5.0				04/02/93	mkk	
0.5 - 0.25 mm RTIC	31.0				04/02/93	mkk	
0.25 - 0.125 mm	23.0				04/02/93	mkk	
0.125 - 0.05 mm	27.0				04/02/93	mkk	
0.05 - 0.0 mm	11.5				04/02/93	mkk	
Total Organic Carbon	82.4	mg/kg	1.0		04/08/93	MS	EPA 9060

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

SUBURBAN LABORATORIES, Inc.

OF WISCONSIN

"Analytical Testing" Environmental, Microbiological, Nutritional

N8 W22520-B Johnson Drive Waukesha, WI 53186

Client: Dames & Moore

SLI Order Number: W303016

Report Date: April 14, 1993

Page Number:

Sample ID: CCAC-DMI-AUGER CUTTING

Sample Type: SOIL

Date Collected: 03/25/93

SLI ID: W303016-04A

PARAMETER	RESULT	UNITS	MDL	DATE EXTRACTED	DATE ANALYZED	<u>BY</u>	METHOD
PARTICLE SIZE							SEIVE
> 2 mm RTIC	19.0	•			04/02/93	mkk	
2 - 1 mm RTIC	18.0				04/02/93	mkk	
1 - 0.5 mm	16.0				04/02/93	mkk	
0.5 - 0.25 mm RTIC	16.5				04/02/93	mkk	
0.25 - 0.125 mm RTIC	10.5				04/02/93	mkk	
0.125 - 0.05 mm RTIC	12.0				04/02/93	mkk	
0.05 - 0.0 mm	8.0				04/02/93	mkk	
Total Organic Carbon	62.3	mg/kg	1.0		04/08/93	MS	EPA 9060

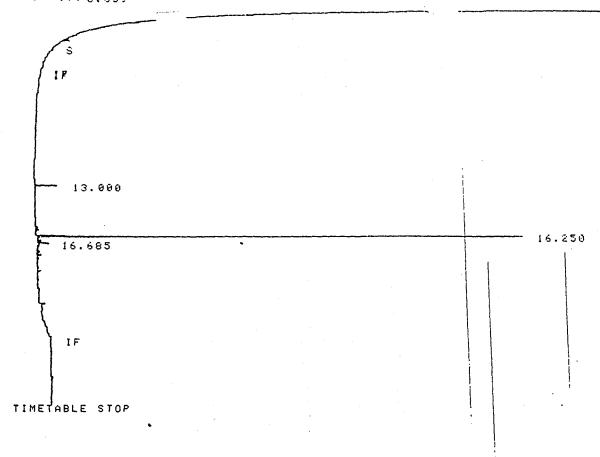
COMMENTS

Analysis Certified By:

Reported By: JOANNE

Verified By: DJH

Laboratory Director



RUN# 2252

MAR 29, 1993 13:07:35

SAMPLE HAME: 93-10-07
MATRIX: WATER_ SOIL DIL:___ EXT. DATE: 3/29/93

GC#3

ESTO-AREA

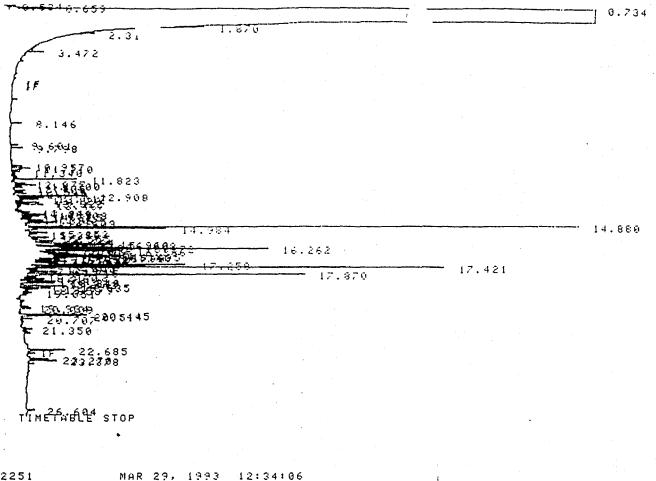
RT TYPE 14.225 ++

AREA WIOTH 53841 .032 HEIGHT CAL# PFM

28413

TOTAL AREA=2.3372E+08 MUL FACTOR=1.0000E+00

7.521 ×5 - 1.79 = 1.604 29.66 - 2700



SAMPLE HAME: 93-11001_ DIL: 1 EXT. DATE: 3/29/93 GC#3 ESTD-AREA RT TYPE AREA WIDTH HEIGHT CAL# PPM HAME

.035

TOTAL AREA=1.3140E+08 MUL FACTOR=1.0000E+00

14.225

15.1db = 11.869 - .81=14.65

DROI

60.914

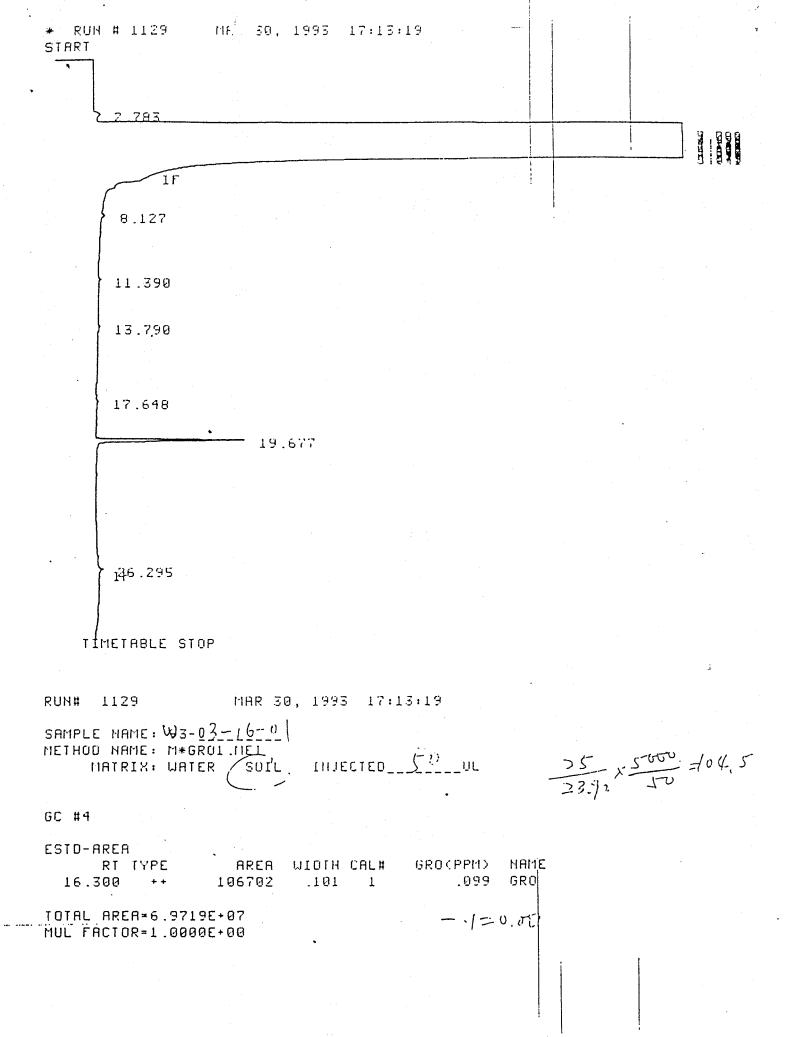
376446

131453 1

```
START
            ĪF
       8.139
                  19.685
      IF
   TIMETABLE STOP
RUN# 1130 MAR 30, 1993 18:06:08
SAMPLE HAME: (43-03-16-02
METHOD NAME: M*GRO1.MEL
    MATRIX: WATER (SOIL) INJECTED UL
GC #4
ESTD-AREA
     RT TYPE - RREA WIDIN GALW
390 ++ 58358 .077 1
                 AREA, WIDTH CAL#
                                     GRO(PPM)
                                               HHME
                                        .070
                                               GRO
  16.300 ++
                                        -1/=0.80
TOTAL AREA=7.2942E+07
MUL FACTOR=1.0000E+00
```

MAR 30, 1993 18:06:08

1,011 m 1138



Mil	st Wisco waukee, 347-0800 CCA 21e2		Suit 532 847-0	Chain of Custody e 1500 202 color shipping detail	S;				VeTy			Ri X	ush	(pre	ound T	imé ed by Ła	ab)	
LAB USE ONLY	DATE	CONTAINERS	No.	SAMPLE ID	SAMPLE TYPE	[_/_ 1A	IAL'	_/_ YSIS	RF	QUI	L/ ESTE	ED.	ጎ / .	REMARKS	S/PRESER	/ATIVES	
END COL CITET	3-25	3		CCAC-DM1-S1-3-4,5	ļ	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V		K				7	~ /		3-01) <i>[</i>
	3-25	3		CC48-DMI-52-8-10	- 1	Y	Y	V	V			$\neg \vdash$	\top			<u> </u>	0	2
	3-25	21		CCAC-DM1-53-101		-f	1			ጲ	r		+	1-			0	?
	3-25	1		CCAC-DMI-Juga Cuttu							K		\dashv	Z	e)~o/		20/20	-01
	3 2 7	•		-15-18 -	207.1							_	_		21.01	Chron 1	200	•
											$\neg \dagger$		\dashv	-		:		
							 						1					
										U	,	/.	. 1					
							<u> </u>		4	CA	-	411	8)	73				
												_	<u></u>	+				
			I				-				\neg		\top				**************************************	
		<u> </u>					-					_	_			·		
CHAIN OF CUSTO	Y BECOE	SD CC	MM	ENTS		:	1	ł		L	1-		!-					
SAMPLER: CONSTU	3/2	ATE		Pleaso toor	<u> </u>	+ (1								
RELINCHISHED BY:	7/1	DATE/TIME	RE	CEIVED BY: ISKGNATURES RELIN	IQUISHED BY: SK	NAT	URE)	DAT	re/TI	ME	RE	CEIVE	ED E	3Y: <i>ps</i> ,	GNATURE,			·
RELINQUISHED BY:	+~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	DATE/TIME	RE	CEIVED BY: SKINATURES RELIN	IQUISHED BY: جمع	NATI	VRE)	DAT	re/TI	ME		IVED FO		ABORA	TORY:	DATE/III	ME	

ATTACHMENT D PRODUCT BAILING RECORD

IIS) SIMON HYDRO-SEARCH

MILWAUKEE PLATING COMPANY PRODUCT BAILING RECORD FOR WELL MW-____

DATE	TIME	PRODUCT THICKNESS BEFORE BAILING (inches)	PRODUCT THICKNESS AFTER BAILING (inches)	QUANTITY OF LIQUID BAILED (gallons)	INITIALS OF SAMPLER	COMMENTS
				·		·
			·			· · ·
	·				·	