



Environmental Services Company, Inc.

CORPORATE OFFICE:
13715 W. MANNINGHAM - P.O. BOX 55146
LITTLE ROCK, ARKANSAS 72215
(501) 221-2565 - FAX NO. (501) 221-1341
E-MAIL: corporate@esclabs.com

NORTHWEST BRANCH:
1107 CENTURY
SPRINGDALE, ARKANSAS 72762
(501) 750-1170 - FAX NO. (501) 750-1172
E-MAIL: nwbranch@esclabs.com

April 19, 1999

33143
301

Ms. Denise Georgiou
Operations Pretreatment Coordinator
1500 N. Fox Hunter
Fayetteville, AR 72701

Re: Permit # FAY11 Sunray Services, Inc., P.O. Box 1310,
Springdale, Ar. 72765-1310
Locations 001, 002, 003, 005 and 006 at 18200 Stutts Road,
Tontitown, Ar.

Dear Ms. Georgiou:

Please find the self-monitoring data for the first quarter (January through March) of 1999. Please let us know if you have any questions regarding any portion of this report.

I certify under penalty of law that this document and all attachments under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

No violations of the permit limitations were found during the first quarter of 1999

Sincerely,

Authorized Representative

Vernon L. Pate,
Branch Manager
Environmental Services Co., Inc.

Ron Hunt
Landfill Manager
Sunray Services, Inc.



Environmental Services Company, Inc.

CORPORATE OFFICE:
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 LITTLE ROCK, ARKANSAS 72215
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 E-MAIL: corporate@esclabs.com

NORTHWEST BRANCH:
 1107 CENTURY
 SPRINGDALE, ARKANSAS 72762
 (501) 750-1170 - FAX NO. (501) 750-1172
 E-MAIL: nwbranch@esclabs.com

Report of Total Toxic Organics

Page 1 of 5

Client:	Waste Management, Inc.		
Control Number:	9902020152	Date Sampled:	02-12-99
Sample Type:	Grab/ Water	Date Received:	02-12-99
Sample Identification:	Site 3	Date Reported:	03-05-99

Target Compounds

Results
µg/L (ppb)

Base/Neutral Extractable Fraction

Acenaphthene	< 1.52
Acenaphthylene	< 1.40
Anthracene	< 0.82
Benzo(a)anthracene	< 1.38
Benzo(a)pyrene	< 1.49
Benzo(b)fluoranthene	< 1.57
Benzo(g,h,i)perylene	< 2.39
Benzo(k)fluoranthene	< 1.66
Bis (2-chloroethoxy) methane	< 0.65
Bis (2-chloroethyl) ether	< 1.94
Bis (2-chloroisopropyl) ether	< 1.55
Bis (2-ethylhexyl) phthalate	1.62
4-Bromophenyl phenyl ether	< 1.66
Butyl benzyl phthalate	< 2.43
2-Chloronaphthalene	< 0.45
4-chlorophenyl phenyl ether	< 1.19
Chrysene	< 1.09
Dibenzo(a,h)anthracene	< 2.08
1,2-Dichlorobenzene	1.58
1,3-Dichlorobenzene	1.58
1,4-Dichlorobenzene	1.47
3,3'-Dichlorobenzidine	< 1.79
Diethyl phthalate	1.58
Dimethyl phthalate	< 0.92
Di-n-butyl phthalate	< 1.38
2,4-Dinitrotoluene	< 1.04
2,6-Dinitrotoluene	< 0.71

Client: Waste Management, Inc.	Control Number: 9902020152	Page Number: 2 of 5
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Target Compounds	Results ug/L (ppb)
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Base/Neutral Extractable Fraction (continued)

Di-n-octylphthalate	< 3.40
Fluoranthene	< 0.81
Fluorene	< 1.51
Hexachlorobenzene	< 1.73
Hexachlorobutadiene	< 1.33
Hexachlorocyclopentadiene	< 1.59
Hexachloroethane	< 2.67
Indeno (1,2,3-cd) pyrene	< 2.81
Isophorone	< 0.56
Napthalene	< 0.39
Nitrobenzene	< 0.42
N-Nitrosodi-N-propylamine	< 1.47
Phenanthrene	< 0.93
1,2-Diphenylhydrazine (as Azobenzene)	< 2.87
Pyrene	< 1.76
1,2,4-Trichlorobenzene	< 1.81

System Monitoring Compounds	% Recovery	% Recovery Limits
Nitrobenzene-d ₅	70.01	35-114
2-Fluorobiphenyl	75.97	43-116
p-Terphenyl-d ₁₄	115.42	33-141

The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 625.

Date/Time of analysis: 02-22-99 / 08:22 Analyst: Vernon L. Pate

Client: Waste Management, Inc.	Control Number: 9902020152	Page Number: 3 of 5
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Target Compounds	Results ug/L (ppb)
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Acid Extractable Fraction

2-Chlorophenol	< 1.05
2,4-Dichlorophenol	< 0.48
2,4-Dimethylphenol	< 0.84
4,6-Dinitro-2-methylphenol	< 1.66
2,4-Dinitrophenol	< 2.65
2-Nitrophenol	< 0.73
4-Nitrophenol	< 1.39
4-Chloro-3-methylphenol	< 1.15
Pentachlorophenol	< 2.70
Phenol	< 1.02
2,4,6-Trichlorophenol	< 2.19

System Monitoring Compounds	% Recovery	% Recovery Limits
Phenol-d ₅	30.85	10- 94
2-Fluorophenol	27.80	21-100
2,4,6-Tribromophenol	89.89	10-123

The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 8270.

Date/Time of analysis: 02-22-99 / 08:22 Analyst: Vernon L. Pate

Client: Waste Management, Inc.	Control Number: 9902020152	Page Number: 4 of 5
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Target Compounds	Results ug/L (ppb)
Volatile Fraction	
Acetone	< 17.00
Acrylonitrile	< 11.6
Benzene	1.68
Bromochloromethane	< 4.5
Bromodichloromethane	< 3.4
Bromoform	< 4.0
Carbon Disulfide	< 4.99
Carbon Tetrachloride	< 5.5
Chlorobenzene	< 4.6
Chloroethane	< 5.5
Chloroform	< 3.89
Dibromochloromethane	< 3.2
1,2-Dibromo-3-chloropropane	< 5.4
1,2-Dibromoethane	< 3.3
1,2-Dichlorobenzene	7.25
1,4-Dichlorobenzene	1.00
trans-1,4-Dichloro-2-butene	< 34.2
1,1-Dichloroethane	< 4.3
1,2-Dichloroethane	< 4.8
1,1-Dichloroethylene	< 5.2
cis-1,2-Dichloroethylene	< 3.92
trans-1,2-Dichloroethylene	< 4.4
1,2-Dichloropropane	< 3.2
cis-1,3-Dichloropropane	< 2.9
trans-1,3-Dichloropropane	< 3.0
Ethylbenzene	19.70
2-Hexanone	< 12.7
Methyl Bromide	< 3.8
Methyl Chloride	< 5.7
Methylene bromide	< 3.7
Methylene chloride	< 4.4
Methyl ethyl Ketone	< 9.9
Methyl iodide	< 3.9
4-Methyl-1-2-pentanone (MIBK)	< 7.6
Stryene	< 4.6
1,1,1,2-Tetrachloroethane	< 4.4
1,1,2,2-Tetrachloroethane	< 4.5
Tetrachloroethylene	< 3.7
Toluene	22.00
1,1,1-Trichloroethane	< 4.3

Client: Waste Management, Inc.	Control Number: 9902020152	Page Number: 5 of 5
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1,1,2-Trichloroethane	< 3.2
Trichloroethylene	< 4.31
Trichlorofluoromethane	< 6.0
1,2,3-Trichloropropane	< 6.1
Vinyl Acetate	< 6.8
Vinyl Chloride	< 7.1
XXXXXXXXXX	100.00

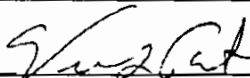
System Monitoring Compounds	% Recovery	% Recovery Limits
Dibromofluoromethane	113.09	69-156
Toluene-d ₈	87.88	76-111
4-Bromofluorobenzene	105.23	63-131

The analysis was run per EPA Method 8260.

Date/Time of analysis: 02-16-99 / 19:54 Analyst: Vernon L. Pate

Certification

Data Release is authorized by:



Vernon L. Pate, Branch Manager

Client: Waste Management, Inc.	Control Number: 9902020152	Page Number: 2 of 2
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System Monitoring Compounds	% Recovery	% Recovery Limits
Tetrachloro-m-xylene	88.70	35-98
Decachlorobiphenyl	94.42	43-128

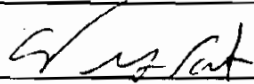
The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 8081.

Date/Time of analysis: 02-24-99 1545

Analyst: Vernon L. Pate

Certification

Data Release is authorized by:



Vernon L. Pate, Branch Manager

Environmental Services Company, Inc.
 Corporate Office
 13715 West Markham P.O. Box 55148
 Little Rock, AR 72211 Little Rock, AR 72215



Environmental Services Company, Inc.
 Northwest Branch
 1107 Century
 Springdale, AR 72764

Phone: (501) 221-2585 FAX: (501) 221-1341

CHAIN OF CUSTODY

Phone: (501) 750-1170 FAX: (501) 750-1172

Client Information		Project Information								Requested Parameters									
Company Name: Sunray Services, Inc.		Permit/Project #:								Cr Cd Cu Pb Hg Ni Ag Zn As Se pH TTO-ORGANICS VOLATILES									
Address: P. O. Box 1310 Springdale, AR 72765		Purchase Order #:																	
Telephone: 751-7024		Sampler Name(s): SAM I JACKS																	
FAX: 751-7924		and Signature(s):																	
ESC Client Number: 1123		Sample Identification		Sample Collection				Sample Containers											
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#										
SITE III	2-G15.2	2/12/99	1008	Grab	Leachate	Plastic	1/2 gal	Nitric	1	X	X								
		2/12/99	1008	GLAB	leachate	teflon	150ml	None	1			X							
		2/12/99	1008	GLAB	leachate	glass	1qt	NONE	3				X						
		2/12/99	1008	GLAB	leachate	GLASS	40ml	HCl	1					X					
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Date	Time	Chain of Custody:									
		2/14/99	1038					2-12-99	1040	Used? <input type="checkbox"/> Infect? <input type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Date	Time	Turnaround:									
										Regular <input type="checkbox"/> Special <input checked="" type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)				Date	Time	This Document is Page 1 of 1									
								2-12-99	1040										
Comments:		Special reporting format to be used pH 6.13 TEMP 10.8°C																	

Environmental Services Co., Inc.

13715 West Harrison

St. Louis, MO 63141

Phone: (314) 221-1341 Fax: 221-1341

1127 Century

Springdale, AR 72764

Phone: (501) 750-1170 Fax: 750-1172

700 Shelby Oaks Dr. W.

Deshaire, TN 38134

Phone: (901) 372-9332 Fax: 372-9334

Date Of Report: 04/18/99	Type Of Sample : GRAB	Control Number: 7902020152
Customer Name : WASTE MANAGEMENT, INC.-TONTITOWN	Sample Collected From: SITE 7	
Sample Dates: 02/17/99	Sample Collected By : S. ISAACKS	Work Order No.:
Time Of Samples: 1900	Delivered To Lab By : S. ISAACKS	Purchase Order:

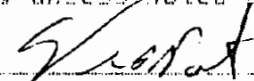
Analysis

Quality Assurance

Date	Time	By	Parameter	Concentration	Notes	Units	Quantity	Units	Method	Edition or Ref.	Quality Assurance		
											Duplicates	% Spike Recovery	
02/17	1300	BEF	Arsenic	0.0066		MG/L	206.2		206.2	EPA	0.9850	0.9950	95.0
02/17	1645	BEF	Selenium	0.0010		MG/L	170.2		170.2	EPA	0.9320	0.9380	96.2
02/12	1000	SI	Dr	6.13		S.U.	150.1		150.1	EPA	7.18	7.11	98.4
02/16	1645	BEF	Chromium	0.0500		MG/L	218.1		218.1	EPA	1.1600	1.1720	99.0
02/17	1015	BEF	Copper	0.0200		MG/L	228.1		228.1	EPA	0.9300	0.9300	98.4
02/17	1015	BEF	Lead	0.1000		MG/L	239.1		239.1	EPA	0.9000	0.8800	98.1
02/18	0915	BEF	Mercury	0.0002		MG/L	245.1		245.1	EPA	0.8625	0.8627	92.4
02/16	1500	BEF	Nickel	0.0500		MG/L	249.1		249.1	EPA	0.8700	0.9000	84.0
02/16	1745	BEF	Silver	0.0100		MG/L	272.1		272.1	EPA	0.9600	0.9700	97.1
02/17	1015	BEF	Zinc	0.0100		MG/L	289.1		289.1	EPA	0.9500	0.9500	86.4
02/17	1015	BEF	[REDACTED]	[REDACTED]		MG/L	213.1		213.1	EPA	0.9330	0.9330	92.0

* QA data shown is from 2 different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spikes and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Reference used: Standard Methods For Examination Of Water and Wastewater, unless noted above. QA PLAN filed with ADFCSL.

Signature: 
 Environmental Services Co., Inc.

Environmental Services Corporation

1107 Century
 Springdale, AK 92706

1719 State Drive, W.
 Honolulu, HI 96834

12/11/98
 12/11/98
 12/11/98

1-1-98

Phone: (801) 708-1170 Fax: 708-1172

Phone: 701 371-1142 Fax: 371-9334

Date of Report: 03/05/99
 Customer Name: SUNRAY SERVICE, INC.-TENTITOWN
 Sample Date: 02/11/99
 Time of Day: 1800

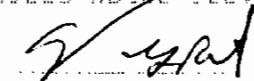
Type Of Sample : GRAB
 Sample Collected From: SITE 3
 Sample Collected By : S. ISAACKS
 Delivered To Lab By : E. ISAACKS

Control Number: 9902209152
 Work Order No.:
 Purchase Order:

										Quality Assurance		
Date	Time	By	Parameter	Concentration	Notes	Units	Quantity	Units	Method	Edition or Ref.	Duplicates	Recovery
02/17	1800	NET	T Ammonia	0.0000		MG/L			288.1	EPA	0.0000	0.0000 97.0 %
02/17	1800	NET	T Selenium	0.0010		MG/L			270.1	EPA	0.0020	0.0000 92.1 %
02/12	1030	SI	SI	0.10		SI			150.1	EPA	0.10	0.10 100.0 %
02/16	1840	NET	T Chromium	0.0300		MG/L			218.1	EPA	1.1600	1.1700 99.0 %
02/17	1015	NET	T Copper	0.0200		MG/L			210.1	EPA	0.0300	0.0300 98.4 %
02/17	1015	NET	T Lead	0.0000		MG/L			209.1	EPA	0.0000	0.0000 98.1 %
02/18	0915	NET	T Nickel	0.0000		MG/L			240.1	EPA	0.0000	0.0000 97.5 %
02/16	1745	NET	T Silver	0.0100		MG/L			272.1	EPA	0.0000	0.0000 97.1 %
02/17	1015	NET	T Zinc	0.0100		MG/L			281.1	EPA	0.0000	0.0000 98.4 %
02/17	1015	NET	T Cadmium	0.0000		MG/L			210.1	EPA	0.0000	0.0000 97.0 %

* QA data shown as 0.0000 represent sample or standard on the same date.

All recovery tests are run on spiked samples calibrated daily. All testing is conducted in accordance with 40 CFR Part 136. A minimum of 3.0 L and two duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Reference is made to Standard Methods for Examination of Water and Wastewater, unless noted above. QA PLAN filed with NPDES.

Signature: 
 Environmental Services Corp., Inc.



Environmental Services Company, Inc.

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Report of Total Toxic Organics

Page 1 of 5

Client:	Waste Management, Inc.		
Control Number:	9902020153	Date Sampled:	02-11-99
Sample Type:	Grab/ Water	Date Received:	02-11-99
Sample Identification:	Site IV	Date Reported:	03-03-99

Target Compounds	Results ug/L (ppb)
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Base/Neutral Extractable Fraction

Acenaphthene	< 1.52
Acenaphthylene	< 1.40
Anthracene	< 0.82
Benzo(a)anthracene	< 1.38
Benzo(a)pyrene	< 1.49
Benzo(b)fluoranthene	< 1.57
Benzo(g,h,i)perylene	< 2.39
Benzo(k)fluoranthene	< 1.66
Bis (2-chloroethoxy) methane	< 0.65
Bis (2-chloroethyl) ether	< 1.94
Bis (2-chloroisopropyl) ether	< 1.55
Bis (2-ethylhexyl) phthalate	< 2.63
4-Bromophenyl phenyl ether	< 1.66
Butyl benzyl phthalate	< 2.43
2-Chloronaphthalene	< 0.45
4-chlorophenyl phenyl ether	< 1.19
Chrysene	< 1.09
Dibenzo(a,h)anthracene	< 2.08
1,2-Dichlorobenzene	1.75
1,3-Dichlorobenzene	1.65
1,4-Dichlorobenzene	0.71
3,3'-Dichlorobenzidine	< 1.79
2,4-Dinitrotoluene	1.04
Dimethyl phthalate	< 0.92
Di-n-butyl phthalate	< 1.38
2,4-Dinitrotoluene	< 1.04
2,6-Dinitrotoluene	< 0.71

Target Compounds	Results ug/L (ppb)
Base/Neutral Extractable Fraction (continued)	
Di-n-octylphthalate	< 3.40
Fluroanthene	< 0.81
Fluorene	< 1.51
Hexachlorobenzene	< 1.73
Hexachlorobutadiene	< 1.33
Hexachlorocyclopentadiene	< 1.59
Hexachloroethane	< 2.67
Indeno (1,2,3-cd) pyrene	< 2.81
Isophorone	< 0.56
Isophorone	3.21
Nitrobenzene	< 0.42
N-Nitrosodi-N-propylamine	< 1.47
Phenanthrene	< 0.93
1,2-Diphenylhydrazine (as Azobenzene)	< 2.87
Pyrene	< 1.76
1,2,4-Trichlorobenzene	< 1.81

System Monitoring Compounds	% Recovery	% Recovery Limits
Nitrobenzene-d ₅	89.57	35-114
2-Fluorobiphenyl	100.15	43-116
p-Terphenyl-d ₁₄	103.65	33-141

The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 625.

Date/Time of analysis: 02-19-99 / 09:16 Analyst: Vernon L. Pate

Client: Waste Management, Inc.	Control Number: 9902020153	Page Number: 3 of 5
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Target Compounds	Results ug/L (ppb)
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Acid Extractable Fraction

2-Chlorophenol	< 1.05
2,4-Dichlorophenol	< 0.48
2,4-Dimethylphenol	< 0.84
4,6-Dinitro-2-methylphenol	< 1.66
2,4-Dinitrophenol	< 2.65
2-Nitrophenol	< 0.73
4-Nitrophenol	< 1.39
4-Chloro-3-methylphenol	< 1.15
Pentachlorophenol	< 2.70
Phenol	< 1.02
2,4,6-Trichlorophenol	< 2.19

System Monitoring Compounds	% Recovery	% Recovery Limits
Phenol-d ₅	36.51	10- 94
2-Fluorophenol	44.08	21-100
2,4,6-Tribromophenol	116.52	10-123

The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 8270.

Date/Time of analysis: 02-19-99 / 09:16 Analyst: Vernon L. Pate

Client: Waste Management, Inc.	Control Number: 9902020153	Page Number: 4 of 5
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Target Compounds	Results ug/L (ppb)
Volatile Fraction	
Acetone	< 17.00
Acrylonitrile	< 11.6
Benzene	3.00
Bromochloromethane	< 4.5
Bromodichloromethane	< 3.4
Bromoform	< 4.0
Carbon Disulfide	< 4.99
Carbon Tetrachloride	< 5.5
Chlorobenzene	< 4.6
Chloroethane	< 5.5
Chloroform	< 3.89
Dibromochloromethane	< 3.2
1,2-Dibromo-3-chloropropane	< 5.4
1,2-Dibromoethane	< 3.3
1,2-Dichlorobenzene	< 4.9
1,1-Dichlorobenzene	3.00
trans-1,4-Dichloro-2-butene	< 34.2
1,1-Dichloroethane	< 4.3
1,2-Dichloroethane	< 4.8
1,1-Dichloroethylene	< 5.2
cis-1,2-Dichloroethylene	< 3.92
trans-1,2-Dichloroethylene	< 4.4
1,2-Dichloropropane	< 3.2
cis-1,3-Dichloropropane	< 2.9
trans-1,3-Dichloropropane	< 3.0
Benzene	3.00
2-Hexanone	< 12.7
Methyl Bromide	< 3.8
Methyl Chloride	< 5.7
Methylene bromide	< 3.7
Methylene chloride	< 4.4
Methyl ethyl Ketone	< 9.9
Methyl iodide	< 3.9
4-Methyl-1-2-pentanone (MIBK)	< 7.6
Stryene	< 4.6
1,1,1,2-Tetrachloroethane	< 4.4
1,1,2,2,-Tetrachloroethane	< 4.5
Tetrachloroethylene	< 3.7
Toluene	10.00
1,1,1-Trichloroethane	< 4.3

Client: Waste Management, Inc.	Control Number: 9902020153	Page Number: 5 of 5
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1,1,2-Trichloroethane	< 3.2
Trichloroethylene	< 4.31
Trichlorofluoromethane	< 6.0
1,2,3-Trichloropropane	< 6.1
Vinyl Acetate	< 6.8
Vinyl Chloride	< 7.1
Xylenes	381.3

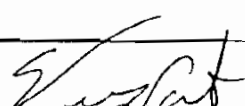
System Monitoring Compounds	% Recovery	% Recovery Limits
Dibromofluoromethane	115.97	69-156
Toluene-d ₈	171.07	76-111
4-Bromofluorobenzene	104.29	63-131

The analysis was run per EPA Method 8260.

Date/Time of analysis: 02-16-99 / 20:46 Analyst: Vernon L. Pate

Certification

Data Release is authorized by:



 Vernon L. Pate, Branch Manager



Environmental Services Company, Inc.

CORPORATE OFFICE:
13715 W. MARKHAM - P.O. BOX 55146
LITTLE ROCK, ARKANSAS 72215
(501) 221-2565 - FAX NO. (501) 221-1341
E-MAIL: corporate@esclabs.com

NORTHWEST BRANCH:
1107 CENTURY
SPRINGDALE, ARKANSAS 72762
(501) 750-1170 - FAX NO. (501) 750-1172
E-MAIL: nwbranch@esclabs.com

Report of Total Toxic Organics	Page	1 of 2
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Client:	Waste Management, Inc.		
Control Number:	9902020153	Date Sampled:	02-12-99
Sample Type:	Grab/ Water	Date Received:	02-12-99
Sample Identification:	Site 4	Date Reported:	03-05-99

Target Compounds	Results ug/L (ppb)
------------------	-----------------------

Chlorinated Pesticides/ PCB's

Aldrin	< 0.004
alpha-BHC	< 0.004
beta-BHC	< 0.004
gamma-BHC	< 0.004
delta-BHC	< 0.011
Chlordane	< 0.100
4,4'-DDT	< 0.030
4,4'-DDE	< 0.005
4,4'-DDD	< 0.018
Dieldrin	< 0.009
alpha-Endosulfan	< 0.016
beta-Endosulfan	< 0.248
Endosulfan Sulfate	< 0.016
Endrin	< 0.019
Endrin Aldehyde	< 0.015
Heptachlor	< 0.006
Hepachlor epoxide	< 0.005
Toxaphene	< 0.500
PCB-1016/1242	< 0.050
PCB-1221	< 0.050
PCB-1232	< 0.050
PCB-1248	< 0.050
PCB-1254	< 0.050
PCB-1260	< 0.050

Client: Waste Management, Inc.	Control Number: 9902020153	Page Number: 2 of 2
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System Monitoring Compounds	% Recovery	% Recovery Limits
Tetrachloro-m-xylene	88.70	35-98
Decachlorobiphenyl	94.42	43-128

The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 8081.

Date/Time of analysis: 02-24-99 1545

Analyst: Vernon L. Pate

Certification

Data Release is authorized by:


Vernon L. Pate, Branch Manager

Environmental Services Co., Inc.

13713 West Markham

P.O. Box 5648

Little Rock, AR 72215

Phone: (501) 221-2565 Fax: 221-1341

1107 Century

Springdale, AR 72764

Phone: (501) 750-1170 Fax: 750-1172

1724 Shelby Oaks Dr. S.

Memphis, TN 38134

Phone: (901) 372-3530 Fax: 372-3531

Date Of Report: 03/08/99

Type Of Sample : GRAB

Control Number: 9902020156

Customer Name : SUNRAY SERVICES, INC. - TONTI TOWN

Sample Collected From: SOUTH PHASE 1

Sample Date: 02/11/99

Sample Collected By : S. ISAACKS

Work Order No.:

Time Of Sample: 0930

Delivered To Lab By : S. ISAACKS

Purchase Order:

Analysis

Quality Assurance

Date	Time	By	Parameter	Concentration	Notes	Units	Quantity	Units	Method	Edition or Ref.	Quality Assurance		
											Duplicates	% Still Recovered	
02/17	1300	BET	T Arsenic	0.0060		MG/L	200.1		200.1	EPA	0.9050	0.9950	99.0 %
02/17	1645	BET	T Selenium	0.0010		MG/L	270.1		270.1	EPA	0.9320	0.9300	98.2 %
02/11	0930	SI	pH	5.79		S.U.	150.1		150.1	EPA	9.02	9.02	100 %
02/16	1645	BET	T Chromium	0.0500		MG/L	210.1		210.1	EPA	0.9700	0.9800	97.7 %
02/17	1015	BET	T Copper	0.0200		MG/L	220.1		220.1	EPA	0.9100	0.9200	96.8 %
02/17	1015	BET	T Lead	0.1000		MG/L	230.1		230.1	EPA	0.9000	0.8800	88.5 %
02/18	0915	BET	T Mercury	0.0002		MG/L	245.1		245.1	EPA	0.0000	0.0007	0.0 %
02/16	1500	BET	T Nickel	0.1000		MG/L	245.1		245.1	EPA	0.0900	0.0900	00.0 %
02/16	1745	BET	T Silver	0.0100		MG/L	271.1		271.1	EPA	0.9600	0.9700	97.1 %
2/17	1015	BET	T Zinc	0.1100		MG/L	287.1		287.1	EPA	0.9500	0.9500	98.1 %
2/17	1015	BET	T Cadmium	0.0140		MG/L	213.1		213.1	EPA	0.9860	0.9800	98.2 %

QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Reference used: Standard Methods For Examination Of Water and Wastewater, unless noted above. QA PLAN filed with A.T.C.S.E.

Signature: _____

[Signature]
Environmental Services Co., Inc.



Phone: (501) 221-2565 FAX: (501) 221-1341

CHAIN OF CUSTODY

Phone: (501) 750-1170 FAX: (501) 750-1172

Client Information				Project Information						Requested Parameters												
Company Name: Sunray Services, Inc.				Permit/Project #:						Cr	Cd	Cu	Pb	Hg	Ni	Ag	Zn	As	Se	pH	T70 - ORGANICS	VOLATILES
Address: P. O. Box 1310 Springdale, AR 72765				Purchase Order #:																		
Telephone: 751-7024				Sampler Name(s): <u>SAM ISAACS</u>																		
FAX: 751-7924				and Signature(s): <u>[Signature]</u>																		
ESQ Client Number: 1123																						
Sample Identification		Sample Collection				Sample Containers																
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#													
So phase I	2-0156	2/11/99	0938	Grab	Leachate	Plastic	1/2 gal	Nitric	1	X	X											
So phase I		2/11/99	0938	GRAB	leachate	plastic	150ml	None	1			X										
So phase I		2/11/99	0938	GRAB	leachate	glass	1 qt	NONE					X									
So phase I		2/11/99	0938	GRAB	leachate	glass	40ml	HCL						X								
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Date	Time	Catalyst Seal:												
<u>[Signature]</u>		2/11/99	1026	<u>[Signature]</u>						Used? <input type="checkbox"/> Inject? <input type="checkbox"/>												
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Date	Time	Turnaround:												
										Regular <input type="checkbox"/> Special <input checked="" type="checkbox"/>												
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)				Date	Time	This Document Is Page 1 of 1												
				<u>[Signature]</u>				2-11-99	1026													
Comments: Special reporting format to be used pH 5.79 temp 15.7°C																						

Environmental Services Co., Inc.

3715 West Hickham
P.O. Box 7544

1107 Century
Springdale, AR 72764

1700 Shelby Oaks Dr. N.
Memphis, TN 38134

Little Rock, AR 72215

Phone: (501) 231-3545 Fax: 231-1341

Phone: (501) 250-1170 Fax: 250-1172

Phone: (901) 372-9332 Fax: 372-7334

Date Of Report: 04-19-97	Type Of Sample : GRAB	Control Number: 7902020153
Customer Name : WASTE MANAGEMENT, INC.-TOHITTOWN	Sample Collected From: SITE 4	
Sample Date: 02-17-97	Sample Collected By : S. ISAACKS	Work Order No.:
Time Of Sample: 07:17	Delivered To Lab By : S. ISAACKS	Purchase Order:

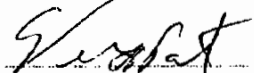
Analyses

Quality Assurance

Date	Time	ID	Parameter	Concentration	Notes	Units	Quantity	Units	Method	Edition or Ref.	Duplicates		% Spike Recovery
02/17	1300	BET	T Arsenic	0.0070		MG/L			206.2	EPA	0.9050	0.9950	95.0 %
02/17	1645	BET	T Selenium	0.0010		MG/L			270.2	EPA	0.9820	0.9300	92.2 %
02/17	0917		T	0.12		MG/L			150.1	EPA	1.02	1.02	
02/16	1645	BET	T Chromium	0.0500		MG/L			210.1	EPA	1.1600	1.1700	95.0 %
02/17	1011	BET	T Copper	0.0200		MG/L			220.1	EPA	0.9300	0.9300	88.4 %
02/17	1015	BET	T Lead	0.1000		MG/L			235.1	EPA	0.9000	0.8000	88.0 %
02/18	0915	BET	T Mercury	0.0002		MG/L			245.1	EPA	0.0020	0.0027	92.4 %
02/16	1500	BET	T Nickel	0.0700		MG/L			247.1	EPA	0.8700	0.5000	84.0 %
02/16	1745	BET	T Silver	0.0100		MG/L			272.1	EPA	0.9600	0.9700	97.1 %
02/17	1015	BET	T Zinc	0.0600		MG/L			207.1	EPA	0.9500	0.9500	88.4 %
02/17	1015	BET	T Chromium	0.0070		MG/L			213.1	EPA	0.9300	0.9300	92.0 %

* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Reference used: Standard Methods For Examination Of Water and Wastewater, unless noted above. QA PLAN filed with SDPUSL.

Signature: 
Environmental Services Co., Inc.

Environmental Services Co., Inc.

15715 West Harrison

P.O. Box 5644

Little Rock, AR 72215

Phone: (501) 221-2585 Fax: 221-1341

1107 Century

Springdale, AR 72769

Phone: (501) 750-1179 Fax: 750-1172

1704 Shelby Dale Dr. N.

Memphis, TN 38134

Phone: (901) 372-9332 Fax: 372-9332

Date Of Report: 03/09/99

Customer Name: SUNRAY SERVICES, INC.-IONITOWN

Sample Date: 02/11/99

Time Of Sample: 0917

Type Of Sample: GRAB

Sample Collected From: SITE 4

Sample Collected By: S. ISAACKS

Delivered To Lab By: S. ISAACKS

Control Number: FF02020130

Work Order No.:

Purchase Order:

Analysis

Date	Time	By	Parameter	Concentration	Notes	Units	Quantity	Units	Method	Edition or Ref.	Quality Assurance		
											Duplicates		% Conc. Recover
02/17	1300	BET	T Arsenic	0.0070		MG/L			200.1	EPA	0.9850	0.9910	99.6
02/17	1645	BET	T Selenium	0.0010		MG/L			270.1	EPA	0.9820	0.9300	95.1
02/11	0917	SI	pH	6.12		S.U.			150.1	EPA	5.00	5.01	
02/16	1645	BET	T Chromium	0.0500		MG/L			210.1	EPA	1.1600	1.1700	99.0
02/17	1015	BET	T Copper	0.0200		MG/L			220.1	EPA	0.9300	0.9300	99.1
02/17	1015	BET	T Lead	0.1000		MG/L			239.1	EPA	0.9000	0.9000	99.9
02/18	0915	BET	T Mercury	0.0002		MG/L			245.1	EPA	0.0020	0.0020	99.9
02/16	1500	BET	T Nickel	0.0700		MG/L			249.1	EPA	0.9700	0.9000	92.1
02/16	1745	BET	T Silver	0.0100		MG/L			272.1	EPA	0.9200	0.7700	83.2
02/17	1015	BET	T Zinc	0.0600		MG/L			287.1	EPA	0.9500	0.9100	95.7
02/17	1015	BET	_____	0.0000		MG/L			213.1	EPA	0.9300	0.9300	99.9

* On data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Reference used: Standard Methods For Examination Of Water and Wastewater, unless noted above. QA PLAN filed with ADF&C.

Signature: _____

Environmental Services Co., Inc.



Phone: (501) 221-2565 FAX: (501) 221-1341

CHAIN OF CUSTODY

Phone: (501) 750-1170 FAX: (501) 750-1172

Client Information				Project Information					Requested Parameters										
Company Name: Sunray Services, Inc.				Permit/Project #:					Cr Cd Cu Pb Hg Ni Ag Zn As Se pH TTD - ORGANICS VOLATILES										
Address: P. O. Box 1310 Springdale, AR 72765				Purchase Order #:															
Telephone: 751-7024				Sampler Name(s): SAM ISAACKS															
FAX: 751-7924				and Signature(s): <i>Sam Isaac</i>															
ESC Client Number: 1123																			
Sample Identification		Sample Collection				Sample Containers													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#										
SITE IV	2-0153	2/11/99	0917	Grab	Leachate	Plastic	1/2 gal	Nitric	1	X	X								
SITE IV		2/11/99	0917	GRAB	leachate	teflow	150ml	None	1			X							
SITE IV		2/11/99	0917	GRAB	Leachate	glass	1qt	NONE	3				X						
SITE IV		2/11/99	0917	GRAB	Leachate	glass	40ml	HCL	1					X					
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:											
<i>SAM ISAACKS</i>		2/11/99	1018	<i>Widely C. B. ...</i>				Used? <input type="checkbox"/> Impact? <input type="checkbox"/>											
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:											
								Regular <input type="checkbox"/> Special <input checked="" type="checkbox"/>											
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	This Document Is Page 1 of 1											
				<i>Widely C. B. ...</i>		2-11-99	1020												
Comments: Special reporting format to be used														pH 6.12 Temp 17.3° C					



Environmental Services Company, Inc.

CORPORATE OFFICE:
 13715 W. MARKHAM - P.O. BOX 55146
 LITTLE ROCK, ARKANSAS 72215
 (501) 221-2565 - FAX NO. (501) 221-1341
 E-MAIL: corporate@esclabs.com

NORTHWEST BRANCH:
 1107 CENTURY
 SPRINGDALE, ARKANSAS 72762
 (501) 750-1170 - FAX NO. (501) 750-1172
 E-MAIL: nwbranch@esclabs.com

Report of Total Toxic Organics

Page 1 of 5

Client:	Waste Management, Inc.		
Control Number:	9902020154	Date Sampled:	02-11-99
Sample Type:	Grab/ Water	Date Received:	02-11-99
Sample Identification:	Class IV	Date Reported:	03-03-99

Target Compounds

Results
µg/L (ppb)

Base/Neutral Extractable Fraction

Acenaphthene	< 1.52
Acenaphthylene	< 1.40
Anthracene	< 0.82
Benzo(a)anthracene	< 1.38
Benzo(a)pyrene	< 1.49
Benzo(b)fluoranthene	< 1.57
Benzo(g,h,i)perylene	< 2.39
Benzo(k)fluoranthene	< 1.66
Bis (2-chloroethoxy) methane	< 0.65
Bis (2-chloroethyl) ether	< 1.94
Bis (2-chloroisopropyl) ether	< 1.55
Bis (2-ethylhexyl) phthalate	< 2.63
4-Bromophenyl phenyl ether	< 1.66
Butyl benzyl phthalate	< 2.43
2-Chloronaphthalene	< 0.45
4-chlorophenyl phenyl ether	< 1.19
Chrysene	< 1.09
Dibenzo(a,h)anthracene	< 2.08
1,2-Dichlorobenzene	< 1.28
1,3-Dichlorobenzene	< 1.25
1,4-Dichlorobenzene	< 1.23
3,3'-Dichlorobenzidine	< 1.79
Diethyl phthalate	0.79
Dimethyl phthalate	< 0.92
Di-n-butyl phthalate	< 1.38
2,4-Dinitrotoluene	< 1.04
2,6-Dinitrotoluene	< 0.71

Target Compounds	Results ug/L (ppb)
------------------	--------------------

Base/Neutral Extractable Fraction (continued)

Di-n-octylphthalate	< 3.40
Fluroanthene	< 0.81
Fluorene	< 1.51
Hexachlorobenzene	< 1.73
Hexachlorobutadiene	< 1.33
Hexachlorocyclopentadiene	< 1.59
Hexachloroethane	< 2.67
Indeno (1,2,3-cd) pyrene	< 2.81
Isophorone	< 0.56
Napthalene	< 0.39
Nitrobenzene	< 0.42
N-Nitrosodi-N-propylamine	< 1.47
Phenanthrene	< 0.93
1,2-Diphenylhydrazine (as Azobenzene)	< 2.87
Pyrene	< 1.76
1,2,4-Trichlorobenzene	< 1.81

System Monitoring Compounds	% Recovery	% Recovery Limits
-----------------------------	------------	-------------------

Nitrobenzene-d ₅	53.4	35-114
2-Fluorobiphenyl	55.02	43-116
p-Terphenyl-d ₁₄	45.84	33-141

The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 625.

Date/Time of analysis: 02-22-99 / 17:03 Analyst: Vernon L. Pate

Client: Waste Management, Inc.	Control Number: 9902020154	Page Number: 3 of 5
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Target Compounds	Results ug/L (ppb)
------------------	--------------------

Acid Extractable Fraction

2-Chlorophenol	< 1.05
2,4-Dichlorophenol	< 0.48
2,4-Dimethylphenol	< 0.84
4,6-Dinitro-2-methylphenol	< 1.66
2,4-Dinitrophenol	< 2.65
2-Nitrophenol	< 0.73
4-Nitrophenol	< 1.39
4-Chloro-3-methylphenol	< 1.15
Pentachlorophenol	< 2.70
Phenol	< 1.02
2,4,6-Trichlorophenol	< 2.19

System Monitoring Compounds	% Recovery	% Recovery Limits
Phenol-d ₅	13.19	10- 94
2-Fluorophenol	24.45	21-100
2,4,6-Tribromophenol	44.87	10-123

The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 8270.

Date/Time of analysis: 02-22-99 / 17:03 Analyst: Vernon L. Pate

Client: Waste Management, Inc.	Control Number: 9902020154	Page Number: 4 of 5
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Target Compounds	Results ug/L (ppb)
Volatile Fraction	
Acetone	< 17.00
Acrylonitrile	< 11.6
Benzene	< 4.3
Bromochloromethane	< 4.5
Bromodichloromethane	< 3.4
Bromoform	< 4.0
Carbon Disulfide	< 4.99
Carbon Tetrachloride	< 5.5
Chlorobenzene	< 4.6
Chloroethane	< 5.5
Chloroform	< 3.89
Dibromochloromethane	< 3.2
1,2-Dibromo-3-chloropropane	< 5.4
1,2-Dibromoethane	< 3.3
1,2-Dichlorobenzene	< 4.9
1,4-Dichlorobenzene	< 5.2
trans-1,4-Dichloro-2-butene	< 34.2
1,1-Dichloroethane	< 4.3
1,2-Dichloroethane	< 4.8
1,1-Dichloroethylene	< 5.2
cis-1,2-Dichloroethylene	< 3.92
trans-1,2-Dichloroethylene	< 4.4
1,2-Dichloropropane	< 3.2
cis-1,3-Dichloropropane	< 2.9
trans-1,3-Dichloropropane	< 3.0
1,1,1-Trichloroethane	0.47
2-Hexanone	< 12.7
Methyl Bromide	< 3.8
Methyl Chloride	< 5.7
Methylene bromide	< 3.7
Methylene chloride	< 4.4
Methyl ethyl Ketone	< 9.9
Methyl iodide	< 3.9
4-Methyl-1-2-pentanone (MIBK)	< 7.6
Styrene	< 4.6
1,1,1,2-Tetrachloroethane	< 4.4
1,1,2,2-Tetrachloroethane	< 4.5
Tetrachloroethylene	< 3.7
Toluene	< 3.5
1,1,1-Trichloroethane	< 4.3

Client: Waste Management, Inc.	Control Number: 9902020154	Page Number: 5 of 5
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1,1,2-Trichloroethane	< 3.2
Trichloroethylene	< 4.31
Trichlorofluoromethane	< 6.0
1,2,3-Trichloropropane	< 6.1
Vinyl Acetate	< 6.8
Vinyl Chloride	< 7.1
Xylenes	1000

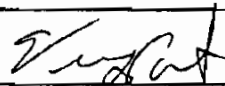
System Monitoring Compounds	% Recovery	% Recovery Limits
Dibromofluoromethane	113.42	69-156
Toluene-d ₈	74.48	76-111
4-Bromofluorobenzene	105.44	63-131

The analysis was run per EPA Method 8260.

Date/Time of analysis: 02-16-99 / 21:39 Analyst: Vernon L. Pate

Certification

Data Release is authorized by:



Vernon L. Pate, Branch Manager



Environmental Services Company, Inc.

CORPORATE OFFICE:
13715 W. MARKHAM - P.O. BOX 55146
LITTLE ROCK, ARKANSAS 72215
(501) 221-2565 - FAX NO. (501) 221-1341
E-MAIL: corporate@esclabs.com

NORTHWEST BRANCH:
1107 CENTURY
SPRINGDALE, ARKANSAS 72762
(501) 750-1170 - FAX NO. (501) 750-1172
E-MAIL: nwbranch@esclabs.com

Report of Total Toxic Organics

Page 1 of 2

Client:	Waste Management, Inc.	Date Sampled:	02-12-99
Control Number:	9902020154	Date Received:	02-12-99
Sample Type:	Grab/ Water	Date Reported:	03-05-99
Sample Identification:	Class IV		

Target Compounds

Results
µg/L (ppb)

Chlorinated Pesticides/ PCB's

Aldrin	< 0.004
alpha-BHC	< 0.004
beta-BHC	< 0.004
gamma-BHC	< 0.004
delta-BHC	< 0.011
Chlordane	< 0.100
4,4'-DDT	< 0.030
4,4'-DDE	< 0.005
4,4'-DDD	< 0.018
Dieldrin	< 0.009
alpha-Endosulfan	< 0.016
beta-Endosulfan	< 0.248
Endosulfan Sulfate	< 0.016
Endrin	< 0.019
Endrin Aldehyde	< 0.015
Heptachlor	< 0.006
Hepachlor epoxide	< 0.005
Toxaphene	< 0.500
PCB-1016/1242	< 0.050
PCB-1221	< 0.050
PCB-1232	< 0.050
PCB-1248	< 0.050
PCB-1254	< 0.050
PCB-1260	< 0.050

Client: Waste Management, Inc.	Control Number: 9902020154	Page Number: 2 of 2
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System Monitoring Compounds	% Recovery	% Recovery Limits
Tetrachloro-m-xylene	88.70	35-98
Decachlorobiphenyl	94.42	43-128

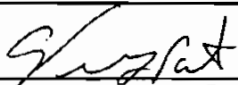
The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 8081.

Date/Time of analysis: 02-24-99 1545

Analyst: Vernon L. Pate

Certification

Data Release is authorized by:


Vernon L. Pate, Branch Manager

Environmental Services Co., Inc.

17415 Lee Highway
P.O. Box 100
Little Rock, AR 72210

1107 Century
Springdale, AR 72764

1704 Shelby Lake Dr. N.
Memphis, TN 38134

Phone: (501) 221-1150 Fax: 221-1141

Phone: (501) 750-1170 Fax: 750-1172

Phone: (901) 372-9332 Fax: 372-9334

Date Of Report: 02/17/99

Type Of Sample : GRAB

Control Numbers: 7902020154

Customer Name : WASTE MANAGEMENT, INC.-TONTITOWN

Sample Collected From: CLASS IV

Sample Date: 02/17/99

Sample Collected By : S. ISAACKS

Work Order No.:

Time Of Sample: 0730

Delivered To Lab By : S. ISAACKS

Invoice Order:

Analysis

Quality Assurance

Date	Time	ID	Parameter	Concentration	Notes	Units	Quantity	Units	Method	Edition or Ref.	Quality Assurance	
											Duplicates	% Spike Recovery
02/17	1300	01	Asenic	0.0070		MG/L			286.2	EPA	0.9656	93.0 %
02/17	1645	02	Selenium	0.0610		MG/L			270.2	EPA	0.9826	95.2 %
02/11	0730	01	06	7.28		S.G.			150.1	EPA	9.02	%
02/16	1645	02	Chromium	0.0500		MG/L			218.1	EPA	0.9700	97.5 %
02/17	1615	02	Copper	0.0200		MG/L			220.1	EPA	0.9100	90.2 %
02/17	1015	02	Lead	0.1000		MG/L			235.1	EPA	0.9000	86.5 %
02/16	0915	02	Mercury	0.0002		MG/L			245.1	EPA	0.0023	92.4 %
02/16	1500	02	Nickel	0.0500		MG/L			249.1	EPA	0.8700	84.0 %
02/16	1745	02	Silver	0.0100		MG/L			272.1	EPA	0.9600	97.1 %
02/17	1015	02	Zinc	0.0700		MG/L			289.1	EPA	0.9500	84.4 %
02/17	1615	02	Cadmium	0.1500		MG/L			215.1	EPA	0.9336	91.0 %

* Or data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Reference used: Standard Methods For Examination Of Water and Wastewater, unless noted above. QA PLAN filed with AOP&C.

Signature _____

Environmental Services Co., Inc.

Environmental Services Co., Inc.

13713 West Harkham

1107 Century

1700 Shelby Oaks Dr. N.

L.O. Box 5644

Springdale, AR 72764

Memphis, TN 38134

Little Rock, AR 72215

Phone: (501) 221-2565 Fax: 221-1041

Phone: (501) 750-1170 Fax: 750-1172

Phone: (901) 372-9332 Fax: 372-9331

Date Of Report: 03/08/99

Type Of Sample : GRAB

Control Number: 9902020150

Customer Name : SUNRAY SERVICES, INC.-TONNITOWN

Sample Collected From: CLASH IA

Sample Date: 02/11/99

Sample Collected By : S. ISAACKS

Work Order No.:

Time Of Sample: 0930

Delivered To Lab By : S. ISAACKS

Purchase Order:

Analysis

Quality Assurance

Date	Time	By	Paramets.	Concentration	Notes	Units	Quantity	Units	Method	Edition or Ref.	Quality Assurance		
											Duplicates	Recovery	
2/17	1300	BET	T Arsenic	0.0070		MG/L	206.1		206.1	EPA	0.9600	0.9950	99.0
2/17	1645	BET	T Selenium	0.0010		MG/L	270.2		270.2	EPA	0.9820	0.9300	90.2
2/11	0930	SI	pH	7.20		SIU	100.1		100.1	EPA	9.02	9.82	
2/16	1645	BET	T Chromium	0.0500		MG/L	218.1		218.1	EPA	0.9700	0.9800	97.0
2/17	1015	BET	T Copper	0.0200		MG/L	220.1		220.1	EPA	0.9100	0.9000	90.0
2/17	1015	BLI	T Lead	0.1000		MG/L	235.1		235.1	EPA	0.9000	0.8000	80.0
2/18	0915	BET	T Mercury	0.0002		MG/L	245.1		245.1	EPA	0.0023	0.0027	92.0
2/16	1500	BET	T Nickel	0.0500		MG/L	249.1		249.1	EPA	0.9700	0.9000	90.0
2/16	1745	BET	T Silver	0.0100		MG/L	272.1		272.1	EPA	0.9600	0.9700	97.0
2/17	1015	BET	T Zinc	0.0700		MG/L	289.1		289.1	EPA	0.9500	0.9500	95.0
2/17	1015	BET	T Cadmium	0.0150		MG/L	213.1		213.1	EPA	0.9300	0.9300	93.0

QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Reference used: Standard Methods For Examination Of Water and Wastewater, unless noted above. QA PLAN filed with ADPC&E.

Signature



Environmental Services Co., Inc.

Environmental Services Company, Inc.

Corporate Office

13715 West Merkleham P.O. Box 55146
 Little Rock, AR 72211 Little Rock, AR 72215



Environmental Services Company, Inc.

Northwest Branch

1107 Century
 Springdale, AR 72764

Phone: (501) 221-2585 FAX: (501) 221-1341

CHAIN OF CUSTODY

Phone: (501) 750-1170 FAX: (501) 750-1172

Client Information		Project Information				Requested Parameters											
Company Name: Sunray Services, Inc.		Permit/Project #:				Cr Cd Cu Pb Hg Ni Ag Zn As Se pH TTD-ORGANIC VOLATILES											
Address: P. O. Box 1310 Springdale, AR 72765		Purchase Order #:															
Telephone: 751-7024		Sampler Name(s): SAM ISAACKS															
FAX: 751-7924		and Signature(s): <i>Sam Isaacks</i>															
ES&C Client Number: 1123																	
Sample Identification		Sample Collection				Sample Containers											
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#								
CLASS IV	2-0154	2/11/99	0930	Grab	Leachate	Plastic	1/2 gal	Nitric	1	X	X						
CLASS IV		2/11/99	0930	GRAB	leachate	plastic	150ml	None	1			X					
CLASS IV		2/11/99	0930	GRAB	leachate	GLASS	1pt	NONE					X				
CLASS IV		2/11/99	0930	GRAB	leachate	glass	40ml	HCL						X			
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:									
<i>Sam Isaacks</i>		2/11/99	10 23	<i>Walter G. Bishop</i>		2/11/99	10 25	Used? <input type="checkbox"/> Intact? <input type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:									
								Regular <input type="checkbox"/> Special <input checked="" type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Relinquished for Lab By: (Signature and Printed Name)		Date	Time	This Document is Page 1 of 1									
				<i>Walter G. Bishop</i>		2/11/99	10 25										
Comments:												Special reporting format to be used		pH 7.28		TEMP 15.1°C	



Environmental Services Company, Inc.

CORPORATE OFFICE:
 13715 W. MARKHAM - P.O. BOX 55146
 LITTLE ROCK, ARKANSAS 72215
 (501) 221-2565 - FAX NO. (501) 221-1341
 E-MAIL: corporate@esclabs.com

NORTHWEST BRANCH:
 1107 CENTURY
 SPRINGDALE, ARKANSAS 72762
 (501) 750-1170 - FAX NO. (501) 750-1172
 E-MAIL: nwbranch@esclabs.com

Report of Total Toxic Organics

Page 1 of 5

Client:	Waste Management, Inc.		
Control Number:	9902020155	Date Sampled:	02-11-99
Sample Type:	Grab/ Water	Date Received:	02-11-99
Sample Identification:	West Class IV	Date Reported:	03-03-99

Target Compounds

Results
 ug/L. (ppb)

Base/Neutral Extractable Fraction

Acenaphthene	< 1.52
Acenaphthylene	< 1.40
Anthracene	< 0.82
Benzo(a)anthracene	< 1.38
Benzo(a)pyrene	< 1.49
Benzo(b)fluoranthene	< 1.57
Benzo(g,h,i)perylene	< 2.39
Benzo(k)fluoranthene	< 1.66
Bis (2-chloroethoxy) methane	< 0.65
Bis (2-chloroethyl) ether	< 1.94
Bis (2-chloroisopropyl) ether	< 1.55
Bis (2-ethylhexyl) phthalate	< 2.63
4-Bromophenyl phenyl ether	< 1.66
Butyl benzyl phthalate	< 2.43
2-Chloronaphthalene	< 0.45
4-chlorophenyl phenyl ether	< 1.19
Chrysene	< 1.09
Dibenzo(a,h)anthracene	< 2.08
1,2-Dichlorobenzene	< 1.28
1,3-Dichlorobenzene	< 1.25
1,4-Dichlorobenzene	< 1.23
3,3'-Dichlorobenzidine	< 1.79
Diethyl phthalate	
Dimethyl phthalate	< 0.92
Di-n-butyl phthalate	< 1.38
2,4-Dinitrotoluene	< 1.04
2,6-Dinitrotoluene	< 0.71

Client: Waste Management, Inc.	Control Number: 9902020155	Page Number: 3 of 5
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Target Compounds	Results $\mu\text{g/L}$ (ppb)
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Acid Extractable Fraction

2-Chlorophenol	< 1.05
2,4-Dichlorophenol	< 0.48
2,4-Dimethylphenol	< 0.84
4,6-Dinitro-2-methylphenol	< 1.66
2,4-Dinitrophenol	< 2.65
2-Nitrophenol	< 0.73
4-Nitrophenol	< 1.39
4-Chloro-3-methylphenol	< 1.15
Pentachlorophenol	< 2.70
Phenol	< 1.02
2,4,6-Trichlorophenol	< 2.19

System Monitoring Compounds	% Recovery	% Recovery Limits
Phenol-d ₅	13.19	10- 94
2-Fluorophenol	24.45	21-100
2,4,6-Tribromophenol	44.87	10-123

The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 8270.

Date/Time of analysis: 02-22-99 / 17:03 Analyst: Vernon L. Pate

Client: Waste Management, Inc.	Control Number: 9902020155	Page Number: 4 of 5
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Target Compounds	Results ug/L (ppb)
Volatile Fraction	
Acetone	< 17.00
Acrylonitrile	< 11.6
Benzene	< 4.3
Bromochloromethane	< 4.5
Bromodichloromethane	< 3.4
Bromoform	< 4.0
Carbon Disulfide	< 4.99
Carbon Tetrachloride	< 5.5
Chlorobenzene	< 4.6
Chloroethane	< 5.5
Chloroform	< 3.89
Dibromochloromethane	< 3.2
1,2-Dibromo-3-chloropropane	< 5.4
1,2-Dibromoethane	< 3.3
1,2-Dichlorobenzene	< 4.9
1,4-Dichlorobenzene	< 5.2
trans-1,4-Dichloro-2-butene	< 34.2
1,1-Dichloroethane	< 4.3
1,2-Dichloroethane	< 4.8
1,1-Dichloroethylene	< 5.2
cis-1,2-Dichloroethylene	< 3.92
trans-1,2-Dichloroethylene	< 4.4
1,2-Dichloropropane	< 3.2
cis-1,3-Dichloropropane	< 2.9
trans-1,3-Dichloropropane	< 3.0
Ethylbenzene	< 4.92
2-Hexanone	< 12.7
Methyl Bromide	< 3.8
Methyl Chloride	< 5.7
Methylene bromide	< 3.7
Methylene chloride	< 4.4
Methyl ethyl Ketone	< 9.9
Methyl iodide	< 3.9
4-Methyl-1-2-pentanone (MIBK)	< 7.6
Stryene	< 4.6
1,1,1,2-Tetrachloroethane	< 4.4
1,1,2,2-Tetrachloroethane	< 4.5
Tetrachloroethylene	< 3.7
Toluene	< 3.5
1,1,1-Trichloroethane	< 4.3

1,1,2-Trichloroethane	< 3.2
Trichloroethylene	< 4.31
Trichlorofluoromethane	< 6.0
1,2,3-Trichloropropane	< 6.1
Vinyl Acetate	< 6.8
Vinyl Chloride	< 7.1
Xylenes	< 9.55

System Monitoring Compounds	% Recovery	% Recovery Limits
Dibromofluoromethane	113.42	69-156
Toluene-d ₈	74.48	76-111
4-Bromofluorobenzene	105.44	63-131

The analysis was run per EPA Method 8260.

Date/Time of analysis: 02-16-99 / 21:39 Analyst: Vernon L. Pate

Certification

Data Release is authorized by:



 Vernon L. Pate, Branch Manager



Environmental Services Company, Inc.

CORPORATE OFFICE:
13715 W. MARKHAM - P.O. BOX 55146
LITTLE ROCK, ARKANSAS 72215
(501) 221-2565 - FAX NO. (501) 221-1341
E-MAIL: corporate@esclabs.com

NORTHWEST BRANCH:
1107 CENTURY
SPRINGDALE, ARKANSAS 72762
(501) 750-1170 - FAX NO. (501) 750-1172
E-MAIL: nwbranch@esclabs.com

Report of Total Toxic Organics

Page 1 of 2

Client:	Waste Management, Inc.	Date Sampled:	02-12-99
Control Number:	9902020155	Date Received:	02-12-99
Sample Type:	Grab/ Water	Date Reported:	03-05-99
Sample Identification:	West Class IV		

Target Compounds

Results
µg/L (ppb)

Chlorinated Pesticides/ PCB's

Aldrin	< 0.004
alpha-BHC	< 0.004
beta-BHC	< 0.004
gamma-BHC	< 0.004
delta-BHC	< 0.011
Chlordane	< 0.100
4,4'-DDT	< 0.030
4,4'-DDE	< 0.005
4,4'-DDD	< 0.018
Dieldrin	< 0.009
alpha-Endosulfan	< 0.016
beta-Endosulfan	< 0.248
Endosulfan Sulfate	< 0.016
Endrin	< 0.019
Endrin Aldehyde	< 0.015
Heptachlor	< 0.006
Hepachlor epoxide	< 0.005
Toxaphene	< 0.500
PCB-1016/1242	< 0.050
PCB-1221	< 0.050
PCB-1232	< 0.050
PCB-1248	< 0.050
PCB-1254	< 0.050
PCB-1260	< 0.050

Client: Waste Management, Inc.	Control Number: 9902020155	Page Number: 2 of 2
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System Monitoring Compounds	% Recovery	% Recovery Limits
Tetrachloro-m-xylene	88.70	35-98
Decachlorobiphenyl	94.42	43-128

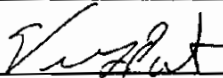
The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 8081.

Date/Time of analysis: 02-24-99 1545

Analyst: Vernon L. Pate

Certification

Data Release is authorized by:



Vernon L. Pate, Branch Manager

Environmental Services Co., Inc.

3415 West G Street
 Little Rock, AR 72205
 Phone: (501) 372-9335 Fax: 372-9334

1107 Century
 Springdale, AR 72764

Phone: (501) 750-1170 Fax: 750-1172

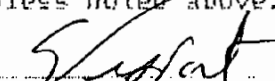
1704 Shelby Oaks Dr. N.
 Memphis, TN 38134
 Phone: (901) 372-9335 Fax: 372-9334

Date Of Report: 02/17/98	Type Of Sample: GRAB	Control Number: 9902929155
Customer Name: WPA MANAGERIAL, INF. TOWN	Sample Collected From: WEST CLASS IV	Work Order No.:
Sample Date: 02/17/98	Sample Collected By: S. ISAACKS	Purchase Order:
Time Of Sample: 12:00	Delivered To Lab By: S. ISAACKS	

Analysis										Quality Assurance		
Date	Time	Rs	Parameter	Concentration	Notes	Units	Quantity	Units	Method	Edition or Ref.	Duplicates	Recovery
02/17	1300	101	Ammonia	0.0090		MG/L	206.1		206.1	EPA	0.9850	97.0 %
02/17	1645	101	Selenium	0.0010		MG/L	270.1		270.1	EPA	0.9820	96.2 %
02/17	1650	101	PH	7.06		S.U.	150.1		150.1	EPA	7.18	
02/16	1645	101	Chloride	0.0500		MG/L	210.1		210.1	EPA	0.9700	97.5 %
02/17	1017	101	Ammonia	0.0200		MG/L	220.1		220.1	EPA	0.9100	90.6 %
02/17	1010	101	Ammonia	0.1000		MG/L	239.1		239.1	EPA	0.9800	86.5 %
02/18	0935	101	Mercury	0.0002		MG/L	245.1		245.1	EPA	0.0023	92.4 %
02/16	1500	101	Nickel	0.0530		MG/L	247.1		247.1	EPA	0.8900	89.1 %
02/16	1747	101	Ammonia	0.0100		MG/L	272.1		272.1	EPA	0.9600	97.1 %
02/17	1015	101	Ammonia	0.1300		MG/L	289.1		289.1	EPA	0.9500	86.4 %
02/17	1015	101	Ammonia	0.0110		MG/L	213.1		213.1	EPA	0.9860	95.1 %

* See data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Reference used: Standard Methods for Examination Of Water and Wastewater, unless noted above. QA PLAN filed with ADPC&E.

Signature: 
 Environmental Services Co., Inc.

Environmental Services Co., Inc.

12710 West Parkway
P.O. Box 564
Little Rock, AR 72215

1341 Center
Birmingham, AL 35204

1700 1/2 West Parkway
Birmingham, AL 35204

Phone: (501) 221-2565 Fax: 221-1331

Phone: (501) 250-1170 Fax: 250-1171

Phone: (501) 221-1331 Fax: 221-1331

Date Of Report: 02/08/99

Type Of Sample : GRAB

Client Number : 200017

Customer Name : SUNRAY SERVICES, INC. TONTITOWN

Sample Collected From: WEST CLASE 33

Sample Date: 02/12/99

Sample Collected By : J. TEAGUE

Work Order Number

Name Of Sample: 1809

Delivered To Lab By : J. TEAGUE

Analysis Date:

Analysis

Date	Time	By	Parameter	Concentration	Notes	Unit	Quantity	Unit	Method	Edition	Initial Analysis		Recovery
											Duplicates	Recovery	
2/17	1300	BET	T Arsenic	0.0070		MG/L	200.1		200.1	EPA	0.9050	0.9950	91.0
2/17	1645	BET	T Selenium	0.0010		MG/L	200.1		200.1	EPA	0.9020	0.9100	91.0
2/12	1000	SI	pH	7.06		S.U.	150.1		150.1	EPA	7.10	7.10	100.0
2/16	1645	BET	T Chromium	0.0500		MG/L	210.1		210.1	EPA	0.9700	0.9900	97.0
2/17	1015	BET	T Copper	0.0200		MG/L	200.1		200.1	EPA	0.9100	0.9000	90.0
2/17	1015	BET	T Lead	0.1000		MG/L	200.1		200.1	EPA	0.9000	0.9000	90.0
2/18	0715	BET	T Mercury	0.0001		MG/L	200.1		200.1	EPA	0.0000	0.0000	0.0
2/16	1500	BET	T Nickel	0.0500		MG/L	140.1		140.1	EPA	0.9900	0.9900	99.0
2/16	1745	BET	T Silver	0.0100		MG/L	200.1		200.1	EPA	0.9900	0.9900	99.0
2/17	1015	BET	T Zinc	0.1000		MG/L	200.1		200.1	EPA	0.9900	0.9900	99.0
2/17	1015	BET	[REDACTED]	0.0000		MG/L	200.1		200.1	EPA	0.9900	0.9900	99.0

QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All testing is conducted in accordance with the EPA's 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Reference used: Standard Methods For Examination Of Water and Wastewater, unless noted above. All filed files with ADOM.

Signature: _____

[Handwritten Signature]
Environmental Services Co., Inc.



Phone: (501) 221-2565 FAX: (501) 221-1341

CHAIN OF CUSTODY

Phone: (501) 750-1170 FAX: (501) 750-1172

Client Information		Project Information							Requested Parameters												
Company Name: Sunray Services, Inc.		Permit/Project #:							Cr	Cd	Cu	Pb	Hg	Ni	Ag	Zn	As	Se	PH	TTC - ORGANICS	VOLATILES
Address: P. O. Box 1310 Springdale, AR 72765		Purchase Order #:																			
Telephone: 751-7024		Sampler Name(s): SAM ISAACKS																			
FAX: 751-7924		and Signature(s): <i>[Signature]</i>																			
ESC Client Number: 1123																					
Sample Identification		Sample Collection				Sample Containers															
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#												
WEST CIABS IV	2-0195	2/12/99	1000	Grab	Leachate	Plastic	1/2 gal	Nitric	1	X	X										
		2/12/99	1000	GRAB	leachate	TEFLON	150ml	None	1		X										
		2/12/99	1000	GRAB	leachate	Glass	1qt	NONE	2			X									
		2/12/99	1000	GRAB	leachate	GLASS	40ml	HCl	2				X								
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Date	Time	Custody Seals:											
<i>[Signature]</i>		2/12/99	1036	<i>[Signature]</i>						Used? <input type="checkbox"/> Inject? <input type="checkbox"/>											
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Date	Time	Turnaround:											
										Regular <input type="checkbox"/> Special <input checked="" type="checkbox"/>											
Relinquished By: (Signature and Printed Name)		Date	Time	Relinquished to Lab By: (Signature and Printed Name)				Date	Time	This Document is Page 1 of 1											
				<i>[Signature]</i>				2-12-99	1036												
Comments: Special reporting format to be used PH 7.06 Temp 11.6°C																					



Environmental Services Company, Inc.

CORPORATE OFFICE:
13715 W. MARKHAM - P.O. BOX 55146
LITTLE ROCK, ARKANSAS 72215
(501) 221-2565 - FAX NO. (501) 221-1341
E-MAIL: corporate@esclabs.com

NORTHWEST BRANCH:
1107 CENTURY
SPRINGDALE, ARKANSAS 72762
(501) 750-1170 - FAX NO. (501) 750-1172
E-MAIL: nwbranch@esclabs.com

Report of Total Toxic Organics

Page

1 of 5

Client:	Waste Management, Inc.	Date Sampled:	02-11-99
Control Number:	9902020156	Date Received:	02-11-99
Sample Type:	Grab/ Water	Date Reported:	03-03-99
Sample Identification:	South Phase I		

Target Compounds

Results
µg/L (ppb)

Base/Neutral Extractable Fraction

Acenaphthene	< 1.52
Acenaphthylene	< 1.40
Anthracene	< 0.82
Benzo(a)anthracene	< 1.38
Benzo(a)pyrene	< 1.49
Benzo(b)fluoranthene	< 1.57
Benzo(g,h,i)perylene	< 2.39
Benzo(k)fluoranthene	< 1.66
Bis (2-chloroethoxy) methane	< 0.65
Bis (2-chloroethyl) ether	< 1.94
Bis (2-chloroisopropyl) ether	< 1.55
Bis (2-ethylhexyl) phthalate	< 2.63
4-Bromophenyl phenyl ether	< 1.66
Butyl benzyl phthalate	< 2.43
2-Chloronaphthalene	< 0.45
4-chlorophenyl phenyl ether	< 1.19
Chrysene	< 1.09
Dibenzo(a,h)anthracene	< 2.08
1,2-Dichlorobenzene	< 1.28
1,3-Dichlorobenzene	< 1.25
1,4-Dichlorobenzene	< 1.23
3,3'-Dichlorobenzidine	< 1.79
Diethyl phthalate	11.49
Dimethyl phthalate	< 0.92
Di-n-butyl phthalate	< 1.38
2,4-Dinitrotoluene	< 1.04
2,6-Dinitrotoluene	< 0.71

Client: Waste Management, Inc.	Control Number: 9902020156	Page Number: 2 of 5
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Target Compounds	Results ug/L (ppb)
Base/Neutral Extractable Fraction (continued)	
Di-n-octylphthalate	< 3.40
Fluoranthene	< 0.81
Fluorene	< 1.51
Hexachlorobenzene	< 1.73
Hexachlorobutadiene	< 1.33
Hexachlorocyclopentadiene	< 1.59
Hexachloroethane	< 2.67
Indeno (1,2,3-cd) pyrene	< 2.81
Isophorone	< 0.56
Napthalene	< 0.39
Nitrobenzene	< 0.42
N-Nitrosodi-N-propylamine	< 1.47
Phenanthrene	< 0.93
1,2-Diphenylhydrazine (as Azobenzene)	< 2.87
Pyrene	< 1.76
1,2,4-Trichlorobenzene	< 1.81

System Monitoring Compounds	% Recovery	% Recovery Limits
Nitrobenzene-d ₅	53.4	35-114
2-Fluorobiphenyl	55.02	43-116
p-Terphenyl-d ₁₄	45.84	33-141

The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 625.

Date/Time of analysis: 02-22-99 / 17:03 Analyst: Vernon L. Pate

Client: Waste Management, Inc.	Control Number: 9902020156	Page Number: 3 of 5
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Target Compounds	Results ug/L (ppb)
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Acid Extractable Fraction

2-Chlorophenol	< 1.05
2,4-Dichlorophenol	< 0.48
2,4-Dimethylphenol	< 0.84
4,6-Dinitro-2-methylphenol	< 1.66
2,4-Dinitrophenol	< 2.65
2-Nitrophenol	< 0.73
4-Nitrophenol	< 1.39
4-Chloro-3-methylphenol	< 1.15
Pentachlorophenol	< 2.70
Phenol	< 1.02
2,4,6-Trichlorophenol	< 2.19

System Monitoring Compounds	% Recovery	% Recovery Limits
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Phenol-d ₅	15.02	10- 94
2-Fluorophenol	27.30	21-100
2,4,6-Tribromophenol	47.44	10-123

The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 8270.

Date/Time of analysis: 02-22-99 / 17:03 Analyst: Vernon L. Pate

Client: Waste Management, Inc.	Control Number: 9902020156	Page Number: 4 of 5
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Target Compounds	Results ug/L (ppb)
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Volatile Fraction

Acetone	< 17.00
Acrylonitrile	< 11.6
Benzene	< 4.3
Bromochloromethane	< 4.5
Bromodichloromethane	< 3.4
Bromoform	< 4.0
Carbon Disulfide	< 4.99
Carbon Tetrachloride	< 5.5
Chlorobenzene	< 4.6
Chloroethane	< 5.5
Chloroform	< 3.89
Dibromochloromethane	< 3.2
1,2-Dibromo-3-chloropropane	< 5.4
1,2-Dibromoethane	< 3.3
1,2-Dichlorobenzene	< 4.9
1,4-Dichlorobenzene	< 5.2
trans-1,4-Dichloro-2-butene	< 34.2
1,1-Dichloroethane	< 4.3
1,2-Dichloroethane	< 4.8
1,1-Dichloroethylene	< 5.2
cis-1,2-Dichloroethylene	< 3.92
trans-1,2-Dichloroethylene	< 4.4
1,2-Dichloropropane	< 3.2
cis-1,3-Dichloropropane	< 2.9
trans-1,3-Dichloropropane	< 3.0
Ethylbenzene	< 4.92
2-Hexanone	< 12.7
Methyl Bromide	< 3.8
Methyl Chloride	< 5.7
Methylene bromide	< 3.7
Methylene chloride	< 4.4
Methyl ethyl Ketone	< 9.9
Methyl iodide	< 3.9
4-Methyl-1-2-pentanone (MIBK)	< 7.6
Stryene	< 4.6
1,1,1,2-Tetrachloroethane	< 4.4
1,1,2,2,-Tetrachloroethane	< 4.5
Tetrachloroethylene	< 3.7
Toluene	< 3.5
1,1,1-Trichloroethane	< 4.3

Client: Waste Management, Inc.	Control Number: 9902020156	Page Number: 5 of 5
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1,1,2-Trichloroethane	< 3.2
Trichloroethylene	< 4.31
Trichlorofluoromethane	< 6.0
1,2,3-Trichloropropane	< 6.1
Vinyl Acetate	< 6.8
Vinyl Chloride	< 7.1
Xylenes	< 9.55

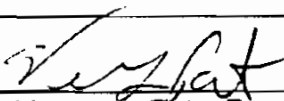
System Monitoring Compounds	% Recovery	% Recovery Limits
Dibromofluoromethane	113.42	69-156
Toluene-d ₈	74.48	76-111
4-Bromofluorobenzene	105.44	63-131

The analysis was run per EPA Method 8260.

Date/Time of analysis: 02-16-99 / 21:39 Analyst: Vernon L. Pate

Certification

Data Release is authorized by:



Vernon L. Pate, Branch Manager



Environmental Services Company, Inc.

CORPORATE OFFICE:
13715 W. MARKHAM - P.O. BOX 55146
LITTLE ROCK, ARKANSAS 72215
(501) 221-2565 - FAX NO. (501) 221-1341
E-MAIL: corporate@esclabs.com

NORTHWEST BRANCH:
1107 CENTURY
SPRINGDALE, ARKANSAS 72762
(501) 750-1170 - FAX NO. (501) 750-1172
E-MAIL: nwbranch@esclabs.com

Report of Total Toxic Organics

Page 1 of 2

Client:	Waste Management, Inc.	Date Sampled:	02-12-99
Control Number:	9902020156	Date Received:	02-12-99
Sample Type:	Grab/ Water	Date Reported:	03-05-99
Sample Identification:	South Phase I		

Target Compounds	Results µg/L (ppb)
Chlorinated Pesticides/ PCB's	
Aldrin	< 0.004
alpha-BHC	< 0.004
beta-BHC	< 0.004
gamma-BHC	< 0.004
delta-BHC	< 0.011
Chlordane	< 0.100
4,4'-DDT	< 0.030
4,4'-DDE	< 0.005
4,4'-DDD	< 0.018
Dieldrin	< 0.009
alpha-Endosulfan	< 0.016
beta-Endosulfan	< 0.248
Endosulfan Sulfate	< 0.016
Endrin	< 0.019
Endrin Aldehyde	< 0.015
Heptachlor	< 0.006
Hepachlor epoxide	< 0.005
Toxaphene	< 0.500
PCB-1016/1242	< 0.050
PCB-1221	< 0.050
PCB-1232	< 0.050
PCB-1248	< 0.050
PCB-1254	< 0.050
PCB-1260	< 0.050

Client: Waste Management, Inc.	Control Number: 9902020156	Page Number: 2 of 2
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System Monitoring Compounds	% Recovery	% Recovery Limits
Tetrachloro-m-xylene	88.70	35-98
Decachlorobiphenyl	94.42	43-128

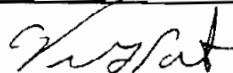
The lab blank was monitored for all analytes of interest. The analysis was run per EPA Method 8081.

Date/Time of analysis: 02-24-99 1545

Analyst: Vernon L. Pate

Certification

Data Release is authorized by:


Vernon L. Pate, Branch Manager

Environmental Services Co., Inc.

13715 West Markham
P.O. Box 5644
Little Rock, AR 72215

1187 Century
Springdale, AR 72764

1704 Shelby Oaks Dr. N.
Memphis, TN 38134

Phone: (501) 221-2565 Fax: 221-1341

Phone: (501) 750-1170 Fax: 750-1172

Phone: (901) 372-9332 Fax: 372-9334

Date Of Report: 04/19/99	Type Of Sample : GRAB	Control Number: 9902020156
Customer Name : WASTE MANAGEMENT, INC.-TONTITOWN	Sample Collected From: SOUTH PHASE 1	
Sample Date: 02/11/99	Sample Collected By : S. ISAACKS	Work Order No.:
Time Of Sample: 0938	Delivered To Lab By : S. ISAACKS	Purchase Order:

Analysis										Quality Assurance		
Date	Time	By	Parameter	Concentration	Notes	Units	Quantity	Units	Method	Edition or Ref.	Duplicates	% Spike Recovery
02/17	1300	BET	T Arsenic	0.0060		MG/L	206.2		EPA		0.9850	95.0 %
02/17	1645	BET	T Selenium	0.0010		MG/L	270.2		EPA		0.9820	98.2 %
02/11	0938	SI	pH	5.75		S.U.	150.1		EPA		9.02	%
02/16	1645	BET	T Chromium	0.0500		MG/L	218.1		EPA		0.9700	97.9 %
02/17	1015	BET	T Copper	0.0200		MG/L	220.1		EPA		0.9100	90.6 %
02/17	1015	BET	T Lead	0.1000		MG/L	239.1		EPA		0.9000	86.5 %
02/18	0915	BET	T Mercury	0.0002		MG/L	245.1		EPA		0.0023	92.4 %
02/16	1500	BET	T Nickel	0.1000		MG/L	249.1		EPA		0.8900	89.1 %
02/16	1745	BET	T Silver	0.0100		MG/L	272.1		EPA		0.9600	97.1 %
02/17	1015	BET	T Zinc	0.1100		MG/L	289.1		EPA		0.9500	86.4 %
02/17	1015	BET	T Cadmium	0.0100		MG/L	213.1		EPA		0.9860	95.2 %

* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Reference used: Standard Methods For Examination Of Water and Wastewater, unless noted above. QA PLAN filed with ADPC&E.

Signature _____

[Signature]
Environmental Services Co., Inc.