



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Scanned and Entered

2774

This document contains results for analyses on samples for the Tontitown landfill site of SUNRAY SERVICES, INC.

The samples were collected on September 27, 1995, and transported to the Northwest Arkansas branch of Environmental Services Company, Inc. The samples were received at the branch laboratory on the same day as the sampling. Portions of the samples were transported to the Little Rock laboratory of Environmental Services Company, Inc. on September 30.

The report contains: results for the Monitoring Wells, in order  
results for TCLP analyses of leachate tanks  
results for the Trip and Equipment Blanks  
Chains of Custody

Note that there are two Chains of Custody for each sample. The original Chain of Custody is the one associated with the samples being delivered to the Springdale laboratory. The second Chain of Custody is associated with the samples that were transported to the Little Rock laboratory.

Due to problems explained in the following letter, the organic analyses were not performed within the required holding time for all the samples except the leachate tanks. A report of which samples had been run out of holding time is included with the letter.

**RECEIVED**

NOV 28 1995



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

October 27, 1995

Mr. Kevin Hodges  
Sunray Services, Inc.  
P.O. Box 1310  
Springdale, AR 72765-1310

Dear Mr. Hodges:

On or about the evening of 10/09/95, the ESC Corporate Headquarters was vandalized. Computer files were destroyed, and Hard Copies of laboratory documentation were removed. The appropriate criminal and regulatory agencies have been notified, and a private investigator has been retained in order to solve the crime.

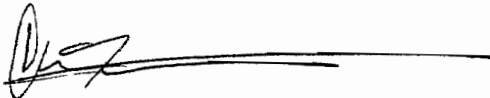
Unfortunately, this loss affected Sunray's analyses records. As you may recall, ESC had scheduled for the latest sampling to be analyzed by two different analysts in order to further verify our results. One vial of each of these samples was analyzed within the prescribed holding time at our own laboratory. I personally reviewed these results on Monday, 10/9, and noted that all results appeared to be in line with previous Sunray samples analyzed by myself. I was scheduled to re-run the samples the next day.

The computer system was damaged before I was able to run my analyses. I met with ADPC&E to alert them of our dilemma and immediately began subcontracting the samples to another local laboratory; therefore, Volatile Organic analyses for all of the September 27/28 Sunray samples were run by American Interplex Corporation. Most of them were run 1 day beyond the 14-day holding time. Only the TCLP Volatile samples (Sunray ID Site #3, Site #4 and Class #4) were analyzed within the prescribed holding time. We were aware that the results would require careful evaluation prior to acceptance, but requested 24 hour service (at our expense) in a good faith effort to obtain any useful data for Sunray.

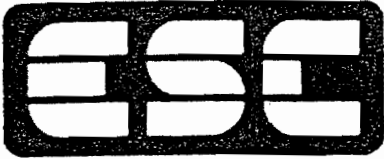
At the same time, our computer hard drive was removed and sent to a company in California with expertise at recovering lost or damaged files. They were unable to restore the files of interest.

We regret any inconvenience this may cause Sunray. We have sustained a terrific blow as a result of this crime, and are eager to resolve the outfall. We will be happy to discuss this with you further at your convenience.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Stowers", is written over a horizontal line.

David Stowers  
Technical Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
 13715 W. MARKHAM - P.O. BOX 5644  
 LITTLE ROCK, ARKANSAS 72215  
 (501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
 1107 CENTURY  
 SPRINGDALE, ARKANSAS 72762  
 (501) 750-1170 - FAX NO. (501) 750-1172

## Report on Analysis vs. Holding Time for Sunray Volatiles

ESC - Little Rock Control Number	Sunray Services Sample Identification	Collection Date	Analysis Date	Holding Time Exceeded by
9509010559	Trip Blank	9/27/95	10/12/95	2 Days
9509010560	Trip Blank	9/26/95	10/12/95	3 Days
9509010561	Monitoring Well #8	9/28/95	10/12/95	1 Days
9509010562	Monitoring Well #1	9/27/95	10/12/95	2 Days
9509010563	Monitoring Well #2	9/27/95	10/12/95	2 Days
9509010564	Monitoring Well #3	9/27/95	10/12/95	2 Days
9509010565	Monitoring Well #4	9/27/95	10/12/95	2 Days
9509010566	Monitoring Well #5	9/27/95	10/12/95	2 Days
9509010567	Monitoring Well #6	9/27/95	10/12/95	2 Days
9509010568	Monitoring Well #7	9/27/95	10/12/95	2 Days
9509010569	Monitoring Well #8	9/27/95	10/12/95	2 Days
9509010570	Monitoring Well #8 (Duplicate)	9/27/95	10/12/95	2 Days
9509010571	Monitoring Well #10	9/27/95	10/12/95	2 Days
9509010572	Monitoring Well #11	9/27/95	10/12/95	2 Days
9509010573	Equipment Blank	9/27/95	10/12/95	2 Days
9509010574	Monitoring Well #3	9/28/95	10/12/95	1 Days
9509010575	Monitoring Well #7	9/28/95	10/12/95	1 Days
9509010576	Monitoring Well #10	9/28/95	10/12/95	1 Days
9509010577	Monitoring Well #11	9/28/95	10/12/95	1 Days
9509010578	Monitoring Well #12	9/28/95	10/12/95	1 Days
9509010579	Monitoring Well #12 (Duplicate)	9/28/95	10/12/95	1 Days
9509010580	Equipment Blank	9/28/95	10/12/95	1 Days
9509010581	Site #3	9/28/95	10/11/95	Within Holding Time
9509010582	Site #4	9/28/95	10/11/95	Within Holding Time
9509010583	Class #4	9/28/95	10/11/95	Within Holding Time



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
Control Number : 9509010562  
Sample ID : MW #1 (9509020335)  
Sample Type : Grab Water

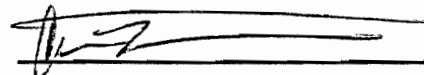
Collection Date : 9/27/95  
Collection Time : 8:40 AM  
Analysis Date : 10/12/95  
Analysis Time : 11:46 AM  
Report Date : 10/24/95

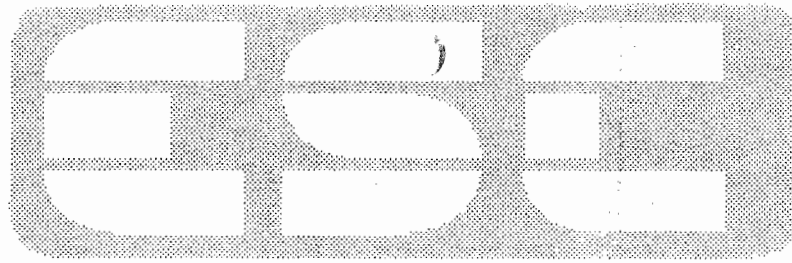
Target Compounds	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	< 5	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	20	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	< 5	5		
Bromochloromethane	< 5	5		
2-Butanone	< 100	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		

Client : Sunray Services, Inc.  
 Control Number : 9509010562  
 Sample ID : MW #1 (9509020335)

Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,2,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	7.8	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane-d <sub>4</sub> (Surrogate Spike)			94.90	
Toluene-d <sub>8</sub> (Surrogate Spike)			94.70	
Bromofluorobenzene (Surrogate Spike)			90.70	

This analysis was performed per EPA Methods 5030A and 8260A.

  
 David E. Stowers, Technical Director



Client : Sunray Services, Inc.  
Control Number : 9509010562  
Sample ID : MW #1 (9509020335)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 8:40 AM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
Selenium	< 0.005	0.005	EPA Method 270.2	10/3/95	17:00	BET	86.60	0.69
Antimony	0.351	0.200	EPA Method 204.1	10/9/95	10:30	BET	108.50	3.66
Thallium	< 0.100	0.100	EPA Method 279.1	10/9/95	14:00	BET	93.20	1.95
Vanadium	< 0.500	0.500	EPA Method 286.1	10/10/95	10:45	BET	88.70	2.97
Barium	< 0.500	0.500	EPA Method 208.1	10/10/95	12:00	BET	85.00	4.82
Beryllium	< 0.005	0.005	EPA Method 210.1	10/10/95	11:15	BET	98.20	3.42
Cobalt	0.129	0.050	EPA Method 219.1	10/9/95	11:00	BET	101.90	0.49
Mercury	< 0.0002	0.0002	EPA Method 245.1	10/6/95	12:30	BET	96.80	9.07
Arsenic	0.008	0.005	EPA Method 206.2	10/3/95	14:00	BET	87.80	5.18

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
1107 Century Avenue  
Springdale, AR 72764  
Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
13715 West Markham  
Little Rock, AR 72211  
Tel. (501) 221-2565 FAX (501) 221-1341

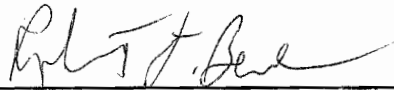
Control Number : 9509020335	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 8:40	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : MW #1	Purchase Order :

### Laboratory Analyses

### Quality Assurance

Date	Time	Parameter	Test Method(s)	Result	Analyst	Precision (% RPD)	Accuracy (% Recovery)
10/6	13:15	Bicarb. Alkalinity	SM 18th Ed., 2320B	106.750 mg/L	VLP	0.73	100.0
10/3	9:10	COD	EPA Method 410.4	3.700 mg/L	VLP	0.00	90.9
10/24	10:10	Chloride	EPA Method 325.3	33.125 mg/L	VLP	3.77	94.8
10/4	16:30	Cyanide	EPA Method 335.2	< 0.020 mg/L	VLP	0.00	97.2
10/2	10:10	NH <sub>3</sub>	EPA Method 350.2	< 0.100 mg/L	VLP	0.00	93.1
10/2	14:10	NO <sub>3</sub>	EPA Method 353.3	0.703 mg/L	VLP	7.60	94.5
10/2	16:30	TDS	EPA Method 160.1	574.000 mg/L	RFB	2.09	
10/25	13:30	Sulfate	EPA Method 375.4	2.852 mg/L	VLP	5.89	86.2
10/9	16:30	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB	0.00	108.8
10/9	17:30	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB	0.00	94.5
10/11	10:30	Total Iron	EPA Method 236.1	1.3263 mg/L	RFB	0.86	104.0
10/10	9:30	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB	0.00	98.4
10/27	11:00	Total Magnesium	EPA Method 242.1	4.1762 mg/L	RFB	3.45	103.4
10/11	11:30	Total Manganese	EPA Method 243.1	4.800 mg/L	RFB	0.00	100.5
10/10	11:30	Total Nickel	EPA Method 249.1	0.195 mg/L	RFB	10.57	113.7
10/27	13:00	Total Potassium	EPA Method 258.1	2.6923 mg/L	RFB	3.07	89.2
10/10	10:30	Total Silver	EPA Method 272.1	< 0.050 mg/L	RFB	0.00	112.3
10/27	12:00	Total Sodium	EPA Method 273.1	19.0971 mg/L	RFB	1.29	99.4
10/12	11:30	Total Zinc	EPA Method 289.1	0.583 mg/L	RFB	6.64	94.8
10/12	10:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB	0.00	97.7
10/27	10:00	Total Calcium	EPA Method 215.1	154.347 mg/L	RFB	3.86	89.6
10/2	14:00	TOC	EPA Method 415.1	1.823 mg/L	RFB	0.82	101.7

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.  
 A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.  
 Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
 Robert F. Benham, Laboratory Director





# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Page 1 of 2

Client : Sunray Services, Inc.  
Control Number : 9509010563  
Sample ID : MW #2 (9509020336)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 9:25 AM  
Analysis Date : 10/12/95  
Analysis Time : 12:21 PM  
Report Date : 10/24/95

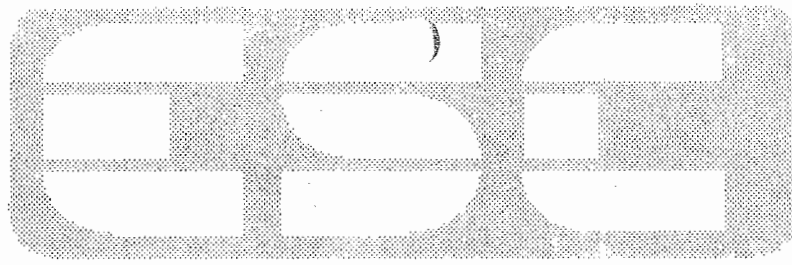
Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	< 5	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	< 5	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	< 5	5		
Bromochloromethane	< 5	5		
2-Butanone	< 100	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		

Client : Sunray Services, Inc.  
 Control Number : 9509010563  
 Sample ID : MW #2 (9509020336)

Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,2,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	< 5	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane-d <sub>4</sub> (Surrogate Spike)			98.60	
Toluene-d <sub>8</sub> (Surrogate Spike)			97.10	
Bromofluorobenzene (Surrogate Spike)			93.00	

This analysis was performed per EPA Methods 5030A and 8260A.

  
 David E. Stowers, Technical Director

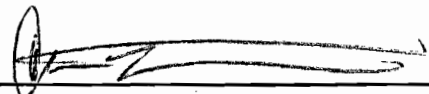


Client : Sunray Services, Inc.  
Control Number : 9509010563  
Sample ID : MW #2 (9509020336)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time: 9:25 AM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
Selenium	< 0.005	0.005	EPA Method 270.2	10/3/95	17:00	BET	86.60	0.69
Antimony	0.387	0.200	EPA Method 204.1	10/9/95	10:30	BET	108.50	3.66
Thallium	< 0.100	0.100	EPA Method 279.1	10/9/95	14:00	BET	93.20	1.95
Vanadium	< 0.500	0.500	EPA Method 286.1	10/10/95	10:45	BET	88.70	2.97
Barium	< 0.500	0.500	EPA Method 208.1	10/10/95	12:00	BET	85.00	4.82
Beryllium	< 0.005	0.005	EPA Method 210.1	10/10/95	11:15	BET	98.20	3.42
Cobalt	< 0.050	0.050	EPA Method 219.1	10/9/95	11:00	BET	101.90	0.49
Mercury	< 0.0002	0.0002	EPA Method 245.1	10/6/95	12:30	BET	96.80	9.07
Arsenic	0.0061	0.005	EPA Method 206.2	10/3/95	14:00	BET	87.80	5.18

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72764  
 Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501) 221-2565 FAX (501) 221-1341

Control Number : 9509020336	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 9:25	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : MW #2	Purchase Order :

### Laboratory Analyses

### Quality Assurance

Date	Time	Parameter	Test Method(s)	Result	Analyst	Precision (% RPD)	Accuracy (% Recovery)
10/6	13:15	Bicarb. Alkalinity	SM 18th Ed., 2320B	112.500 mg/L	VLP	0.73	100.0
10/3	9:10	COD	EPA Method 410.4	3.700 mg/L	VLP	0.00	90.9
10/24	10:10	Chloride	EPA Method 325.3	7.500 mg/L	VLP	3.77	94.8
10/4	16:30	Cyanide	EPA Method 335.2	< 0.020 mg/L	VLP	0.00	97.2
10/2	10:10	NH <sub>3</sub>	EPA Method 350.2	< 0.100 mg/L	VLP	0.00	93.1
10/2	14:10	NO <sub>3</sub>	EPA Method 353.3	0.677 mg/L	VLP	7.60	94.5
10/2	16:30	TDS	EPA Method 160.1	152.000 mg/L	RFB	2.09	
10/25	13:30	Sulfate	EPA Method 375.4	3.019 mg/L	VLP	5.89	86.2
10/9	16:30	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB	0.00	108.8
10/9	17:30	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB	0.00	94.5
10/11	10:30	Total Iron	EPA Method 236.1	0.2791 mg/L	RFB	0.86	104.0
10/10	9:30	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB	0.00	98.4
10/27	11:00	Total Magnesium	EPA Method 242.1	0.9502 mg/L	RFB	3.45	103.4
10/11	11:30	Total Manganese	EPA Method 243.1	< 0.050 mg/L	RFB	0.00	100.5
10/10	11:30	Total Nickel	EPA Method 249.1	< 0.060 mg/L	RFB	10.57	113.7
10/27	13:00	Total Potassium	EPA Method 258.1	0.9512 mg/L	RFB	3.07	89.2
10/10	10:30	Total Silver	EPA Method 272.1	< 0.050 mg/L	RFB	0.00	112.3
10/27	12:00	Total Sodium	EPA Method 273.1	4.4078 mg/L	RFB	1.29	99.4
10/12	11:30	Total Zinc	EPA Method 289.1	< 0.010 mg/L	RFB	6.64	94.8
10/12	10:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB	0.00	97.7
10/27	10:00	Total Calcium	EPA Method 215.1	42.149 mg/L	RFB	3.86	89.6
10/2	14:00	TOC	EPA Method 415.1	< 1.000 mg/L	RFB	0.82	101.7

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.

A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.

Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
 Robert F. Benham, Laboratory Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
 13715 W. MARKHAM - P.O. BOX 5644  
 LITTLE ROCK, ARKANSAS 72215  
 (501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
 1107 CENTURY  
 SPRINGDALE, ARKANSAS 72762  
 (501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
 Control Number : 9509010564  
 Sample ID : MW #3 (9509020337)  
 Sample Type : Grab Water

Collection Date : 9/27/95  
 Collection Time : 9:50 AM  
 Analysis Date : 10/12/95  
 Analysis Time : 7:12 PM  
 Report Date : 10/24/95

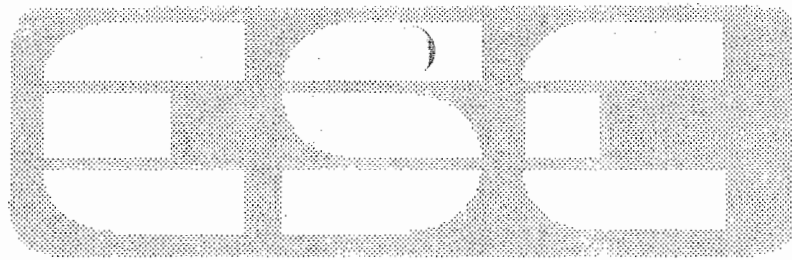
Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	5.2	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	< 5	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	< 5	5		
Bromochloromethane	< 5	5		
2-Butanone	< 100	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		

Client : Sunray Services, Inc.  
 Control Number : 9509010564  
 Sample ID : MW #3 (9509020337)

Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,2,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	< 5	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane-d <sub>4</sub> (Surrogate Spike)			94.70	
Toluene-d <sub>8</sub> (Surrogate Spike)			90.90	
Bromofluorobenzene (Surrogate Spike)			93.80	

This analysis was performed per EPA Methods 5030A and 8260A.

  
 David E. Stowers, Technical Director



Client : Sunray Services, Inc.  
Control Number : 9509010564  
Sample ID : MW #3 (9509020337)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 9:50 AM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
Selenium	< 0.005	0.005	EPA Method 270.2	10/3/95	17:00	BET	86.60	0.69
Antimony	0.330	0.200	EPA Method 204.1	10/9/95	10:30	BET	108.50	3.66
Thallium	< 0.100	0.100	EPA Method 279.1	10/9/95	14:00	BET	93.20	1.95
Vanadium	< 0.500	0.500	EPA Method 286.1	10/10/95	10:45	BET	88.70	2.97
Barium	< 0.500	0.500	EPA Method 208.1	10/10/95	12:00	BET	85.00	4.82
Beryllium	< 0.005	0.005	EPA Method 210.1	10/10/95	11:15	BET	98.20	3.42
Cobalt	< 0.050	0.050	EPA Method 219.1	10/9/95	11:00	BET	101.90	0.49
Mercury	< 0.0002	0.0002	EPA Method 245.1	10/6/95	12:30	BET	96.80	9.07
Arsenic	0.005	0.005	EPA Method 206.2	10/3/95	14:00	BET	87.80	5.18

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
1107 Century Avenue  
Springdale, AR 72764

Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
13715 West Markham  
Little Rock, AR 72211

Tel. (501) 221-2565 FAX (501) 221-1341

Control Number : 9509020337	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 9:50	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : MW #3	Purchase Order :

### Laboratory Analyses

Date	Time	Parameter	Test Method(s)	Result	Analyst
10/6	13:15	Bicarb. Alkalinity	SM 18th Ed., 2320B	192.500 mg/L	VLP
10/3	9:10	COD	EPA Method 410.4	< 3.700 mg/L	VLP
10/24	10:10	Chloride	EPA Method 325.3	< 1.000 mg/L	VLP
10/4	16:30	Cyanide	EPA Method 335.2	< 0.020 mg/L	VLP
10/2	10:10	NH <sub>3</sub>	EPA Method 350.2	< 0.100 mg/L	VLP
10/2	14:10	NO <sub>3</sub>	EPA Method 353.3	< 0.05 mg/L	VLP
10/2	16:30	TDS	EPA Method 160.1	204.000 mg/L	RFB
10/25	13:30	Sulfate	EPA Method 375.4	2.099 mg/L	VLP
10/9	16:30	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB
10/9	17:30	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB
10/11	10:30	Total Iron	EPA Method 236.1	0.9086 mg/L	RFB
10/10	9:30	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB
10/27	11:00	Total Magnesium	EPA Method 242.1	2.1667 mg/L	RFB
10/11	11:30	Total Manganese	EPA Method 243.1	0.789 mg/L	RFB
10/10	11:30	Total Nickel	EPA Method 249.1	< 0.060 mg/L	RFB
10/27	13:00	Total Potassium	EPA Method 258.1	1.5655 mg/L	RFB
10/10	10:30	Total Silver	EPA Method 272.1	< 0.050 mg/L	RFB
10/27	12:00	Total Sodium	EPA Method 273.1	2.9326 mg/L	RFB
10/12	11:30	Total Zinc	EPA Method 289.1	0.032 mg/L	RFB
10/12	10:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB
10/27	10:00	Total Calcium	EPA Method 215.1	64.141 mg/L	RFB
10/2	14:00	TOC	EPA Method 415.1	< 1.000 mg/L	RFB

### Quality Assurance

Precision (% RPD)	Accuracy (% Recovery)
0.73	100.0
0.00	90.9
3.77	94.8
0.00	97.2
0.00	93.1
7.60	94.5
2.09	
5.89	86.2
0.00	108.8
0.00	94.5
0.86	104.0
0.00	98.4
3.45	103.4
0.00	100.5
10.57	113.7
3.07	89.2
0.00	112.3
1.29	99.4
6.64	94.8
0.00	97.7
3.86	89.6
0.82	101.7

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.

A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.

Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
Robert F. Benham, Laboratory Director





# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Page 1 of 2

Client : Sunray Services, Inc.  
Control Number : 9509010565  
Sample ID : MW #4 (9509020338)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time: 10:15 AM  
Analysis Date : 10/12/95  
Analysis Time : 1:36 PM  
Report Date : 10/24/95

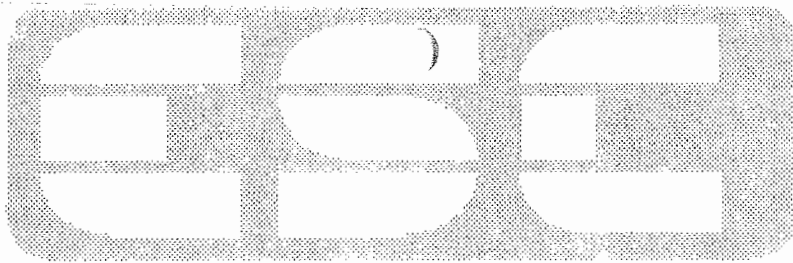
Target Compounds	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	< 5	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	7.3	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	< 5	5		
Bromochloromethane	< 5	5		
2-Butanone	< 100	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		

Client : Sunray Services, Inc.  
 Control Number : 9509010565  
 Sample ID : MW #4 (9509020338)

Target Compounds	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,2,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	< 5	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane- $\text{d}_4$ (Surrogate Spike)			96.10	
Toluene- $\text{d}_8$ (Surrogate Spike)			100.00	
Bromofluorobenzene (Surrogate Spike)			95.60	

This analysis was performed per EPA Methods 5030A and 8260A.

  
 David E. Stowers, Technical Director



Client : Sunray Services, Inc.  
Control Number : 9509010565  
Sample ID : MW #4 (9509020338)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 10:15 AM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
Selenium	< 0.005	0.005	EPA Method 270.2	10/3/95	17:00	BET	86.60	0.69
Antimony	0.414	0.200	EPA Method 204.1	10/9/95	10:30	BET	108.50	3.66
Thallium	< 0.100	0.100	EPA Method 279.1	10/9/95	14:00	BET	93.20	1.95
Vanadium	< 0.500	0.500	EPA Method 286.1	10/10/95	10:45	BET	88.70	2.97
Barium	< 0.500	0.500	EPA Method 208.1	10/10/95	12:00	BET	85.00	4.82
Beryllium	< 0.005	0.005	EPA Method 210.1	10/10/95	11:15	BET	98.20	3.42
Cobalt	0.053	0.050	EPA Method 219.1	10/9/95	11:00	BET	101.90	0.49
Mercury	< 0.0002	0.0002	EPA Method 245.1	10/6/95	12:30	BET	96.80	9.07
Arsenic	< 0.005	0.005	EPA Method 206.2	10/3/95	14:00	BET	87.80	5.18

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72764  
 Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501) 221-2565 FAX (501) 221-1341

Control Number : 9509020338	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 10:15	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : MW #4	Purchase Order :

### Laboratory Analyses

### Quality Assurance

Date	Time	Parameter	Test Method(s)	Result	Analyst	Precision (% RPD)	Accuracy (% Recovery)
10/6	13:15	Bicarb. Alkalinity	SM 18th Ed., 2320B	615.000 mg/L	VLP	0.73	100.0
10/3	9:10	COD	EPA Method 410.4	< 3.700 mg/L	VLP	0.00	90.9
10/24	10:10	Chloride	EPA Method 325.3	11.250 mg/L	VLP	3.77	94.8
10/4	16:30	Cyanide	EPA Method 335.2	< 0.020 mg/L	VLP	0.00	97.2
10/2	10:10	NH <sub>3</sub>	EPA Method 350.2	< 0.100 mg/L	VLP	0.00	93.1
10/2	14:10	NO <sub>3</sub>	EPA Method 353.3	< 0.05 mg/L	VLP	7.60	94.5
10/2	16:30	TDS	EPA Method 160.1	620.000 mg/L	RFB	2.09	
10/25	13:30	Sulfate	EPA Method 375.4	1.43 mg/L	VLP	5.89	86.2
10/9	16:30	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB	0.00	108.8
10/9	17:30	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB	0.00	94.5
10/11	10:30	Total Iron	EPA Method 236.1	2.1605 mg/L	RFB	0.86	104.0
10/10	9:30	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB	0.00	98.4
10/27	11:00	Total Magnesium	EPA Method 242.1	3.4438 mg/L	RFB	3.45	103.4
10/11	11:30	Total Manganese	EPA Method 243.1	8.816 mg/L	RFB	0.00	100.5
10/10	11:30	Total Nickel	EPA Method 249.1	0.257 mg/L	RFB	10.57	113.7
10/27	13:00	Total Potassium	EPA Method 258.1	1.4631 mg/L	RFB	3.07	89.2
10/10	10:30	Total Silver	EPA Method 272.1	< 0.050 mg/L	RFB	0.00	112.3
10/27	12:00	Total Sodium	EPA Method 273.1	5.1742 mg/L	RFB	1.29	99.4
10/12	11:30	Total Zinc	EPA Method 289.1	0.070 mg/L	RFB	6.64	94.8
10/12	10:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB	0.00	97.7
10/27	10:00	Total Calcium	EPA Method 215.1	167.379 mg/L	RFB	3.86	89.6
10/2	14:00	TOC	EPA Method 415.1	2.591 mg/L	RFB	0.82	101.7

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.  
 A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.  
 Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
 Robert F. Benham, Laboratory Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
Control Number : 9509010566  
Sample ID : MW #5 (9509020339)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 11:25 AM  
Analysis Date : 10/12/95  
Analysis Time : 2:12 PM  
Report Date : 10/24/95

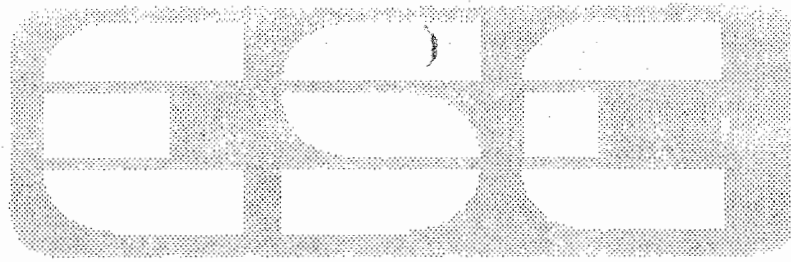
Target Compounds	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	< 5	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	< 5	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	< 5	5		
Bromochloromethane	< 5	5		
2-Butanone	< 100	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		

Client : Sunray Services, Inc.  
 Control Number : 9509010566  
 Sample ID : MW #5 (9509020339)

Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,1,2,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	< 5	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane-d <sub>4</sub> (Surrogate Spike)			92.30	
Toluene-d <sub>8</sub> (Surrogate Spike)			95.70	
Bromofluorobenzene (Surrogate Spike)			91.80	

This analysis was performed per EPA Methods 5030A and 8260A.

  
 David E. Stowers, Technical Director



Client : Sunray Services, Inc.  
Control Number : 9509010566  
Sample ID : MW #5 (9509020339)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time: 11:25 AM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
Selenium	< 0.005	0.005	EPA Method 270.2	10/3/95	17:00	BET	86.60	0.69
Antimony	0.414	0.200	EPA Method 204.1	10/9/95	10:30	BET	108.50	3.66
Thallium	< 0.100	0.100	EPA Method 279.1	10/9/95	14:00	BET	93.20	1.95
Vanadium	< 0.500	0.500	EPA Method 286.1	10/10/95	10:45	BET	88.70	2.97
Barium	< 0.500	0.500	EPA Method 208.1	10/10/95	12:00	BET	85.00	4.82
Beryllium	< 0.005	0.005	EPA Method 210.1	10/10/95	11:15	BET	98.20	3.42
Cobalt	< 0.050	0.050	EPA Method 219.1	10/9/95	11:00	BET	101.90	0.49
Mercury	< 0.0002	0.0002	EPA Method 245.1	10/6/95	12:30	BET	96.80	9.07
Arsenic	< 0.005	0.005	EPA Method 206.2	10/3/95	14:00	BET	87.80	5.18

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72764  
 Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501) 221-2565 FAX (501) 221-1341

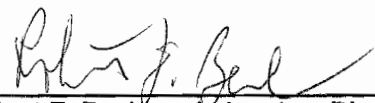
Control Number : 9509020339	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 11:25	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : MW #5	Purchase Order :

### Laboratory Analyses

### Quality Assurance

Date	Time	Parameter	Test Method(s)	Result	Analyst	Precision (% RPD)	Accuracy (% Recovery)
10/6	13:15	Bicarb. Alkalinity	SM 18th Ed., 2320B	347.500 mg/L	VLP	0.73	100.0
10/3	9:10	COD	EPA Method 410.4	< 3.700 mg/L	VLP	0.00	90.9
10/24	10:10	Chloride	EPA Method 325.3	30.000 mg/L	VLP	3.77	94.8
10/4	16:30	Cyanide	EPA Method 335.2	< 0.020 mg/L	VLP	0.00	97.2
10/2	10:10	NH <sub>3</sub>	EPA Method 350.2	< 0.100 mg/L	VLP	0.00	93.1
10/2	14:10	NO <sub>3</sub>	EPA Method 353.3	1.576 mg/L	VLP	7.60	94.5
10/2	16:30	TDS	EPA Method 160.1	440.000 mg/L	RFB	2.09	
10/25	13:30	Sulfate	EPA Method 375.4	3.019 mg/L	VLP	5.89	86.2
10/9	16:30	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB	0.00	108.8
10/9	17:30	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB	0.00	94.5
10/11	10:30	Total Iron	EPA Method 236.1	0.0502 mg/L	RFB	0.86	104.0
10/10	9:30	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB	0.00	98.4
10/27	11:00	Total Magnesium	EPA Method 242.1	2.101 mg/L	RFB	3.45	103.4
10/11	11:30	Total Manganese	EPA Method 243.1	< 0.050 mg/L	RFB	0.00	100.5
10/10	11:30	Total Nickel	EPA Method 249.1	< 0.060 mg/L	RFB	10.57	113.7
10/27	13:00	Total Potassium	EPA Method 258.1	1.6533 mg/L	RFB	3.07	89.2
10/10	10:30	Total Silver	EPA Method 272.1	< 0.050 mg/L	RFB	0.00	112.3
10/27	12:00	Total Sodium	EPA Method 273.1	7.7424 mg/L	RFB	1.29	99.4
10/12	11:30	Total Zinc	EPA Method 289.1	0.022 mg/L	RFB	6.64	94.8
10/12	10:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB	0.00	97.7
10/27	10:00	Total Calcium	EPA Method 215.1	141.315 mg/L	RFB	3.86	89.6
10/2	14:00	TOC	EPA Method 415.1	2.585 mg/L	RFB	0.82	101.7

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.  
 A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.  
 Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
 Robert F. Benham, Laboratory Director





# Environmental Services Company, Inc.

CORPORATE OFFICE:  
 13715 W. MARKHAM - P.O. BOX 5644  
 LITTLE ROCK, ARKANSAS 72215  
 (501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
 1107 CENTURY  
 SPRINGDALE, ARKANSAS 72762  
 (501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
 Control Number : 9509010567  
 Sample ID : MW #6 (9509020340)  
 Sample Type : Grab Water

Collection Date : 9/27/95  
 Collection Time : 11:50 AM  
 Analysis Date : 10/12/95  
 Analysis Time : 2:48 PM  
 Report Date : 10/24/95

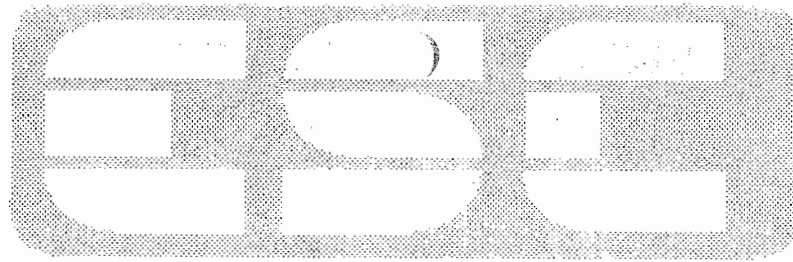
Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	< 5	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	< 5	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	< 5	5		
Bromochloromethane	< 5	5		
2-Butanone	< 100	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		

Client : Sunray Services, Inc.  
 Control Number : 9509010567  
 Sample ID : MW #6 (9509020340)

Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,2,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	< 5	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane-d <sub>4</sub> (Surrogate Spike)			93.30	
Toluene-d <sub>8</sub> (Surrogate Spike)			96.40	
Bromofluorobenzene (Surrogate Spike)			94.10	

This analysis was performed per EPA Methods 5030A and 8260A.

  
 David E. Stowers, Technical Director



Client : Sunray Services, Inc.  
Control Number : 9509010567  
Sample ID : MW #6 (9509020340)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 11:50 AM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
Selenium	< 0.005	0.005	EPA Method 270.2	10/3/95	17:00	BET	86.60	0.69
Antimony	0.405	0.200	EPA Method 204.1	10/9/95	10:30	BET	108.50	3.66
Thallium	< 0.100	0.100	EPA Method 279.1	10/9/95	14:00	BET	93.20	1.95
Vanadium	< 0.500	0.500	EPA Method 286.1	10/10/95	10:45	BET	88.70	2.97
Barium	< 0.500	0.500	EPA Method 208.1	10/10/95	12:00	BET	85.00	4.82
Beryllium	< 0.005	0.005	EPA Method 210.1	10/10/95	11:15	BET	98.20	3.42
Cobalt	< 0.050	0.050	EPA Method 219.1	10/9/95	11:00	BET	101.90	0.49
Mercury	< 0.0002	0.0002	EPA Method 245.1	10/6/95	12:30	BET	96.80	9.07
Arsenic	< 0.005	0.005	EPA Method 206.2	10/3/95	14:00	BET	87.80	5.18

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
1107 Century Avenue  
Springdale, AR 72764

Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
13715 West Markham  
Little Rock, AR 72211

Tel. (501) 221-2565 FAX (501) 221-1341

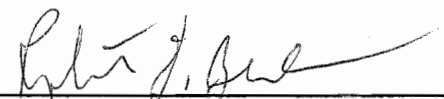
Control Number : 9509020340	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 11:50	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : MW #6	Purchase Order :

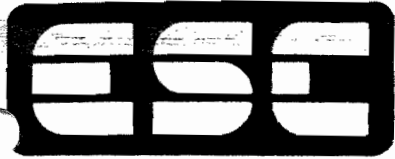
### Laboratory Analyses

### Quality Assurance

Date	Time	Parameter	Test Method(s)	Result	Analyst	Precision (% RPD)	Accuracy (% Recovery)
10/6	13:15	Bicarb. Alkalinity	SM 18th Ed., 2320B	187.500 mg/L	VLP	0.73	100.0
10/3	9:10	COD	EPA Method 410.4	< 3.700 mg/L	VLP	0.00	90.9
10/24	10:10	Chloride	EPA Method 325.3	13.750 mg/L	VLP	3.77	94.8
10/4	16:30	Cyanide	EPA Method 335.2	< 0.020 mg/L	VLP	0.00	97.2
10/2	10:10	NH <sub>3</sub>	EPA Method 350.2	< 0.100 mg/L	VLP	0.00	93.1
10/2	14:10	NO <sub>3</sub>	EPA Method 353.3	2.324 mg/L	VLP	7.60	94.5
10/2	16:30	TDS	EPA Method 160.1	248.000 mg/L	RFB	2.09	
10/25	13:30	Sulfate	EPA Method 375.4	1.346 mg/L	VLP	5.89	86.2
10/9	16:30	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB	0.00	108.8
10/9	17:30	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB	0.00	94.5
10/11	10:30	Total Iron	EPA Method 236.1	< 0.04 mg/L	RFB	0.86	104.0
10/10	9:30	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB	0.00	98.4
10/27	11:00	Total Magnesium	EPA Method 242.1	2.5535 mg/L	RFB	3.45	103.4
10/11	11:30	Total Manganese	EPA Method 243.1	< 0.050 mg/L	RFB	0.00	100.5
10/10	11:30	Total Nickel	EPA Method 249.1	< 0.060 mg/L	RFB	10.57	113.7
10/27	13:00	Total Potassium	EPA Method 258.1	1.2145 mg/L	RFB	3.07	89.2
10/10	10:30	Total Silver	EPA Method 272.1	< 0.050 mg/L	RFB	0.00	112.3
10/27	12:00	Total Sodium	EPA Method 273.1	5.6284 mg/L	RFB	1.29	99.4
10/12	11:30	Total Zinc	EPA Method 289.1	0.041 mg/L	RFB	6.64	94.8
10/12	10:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB	0.00	97.7
10/27	10:00	Total Calcium	EPA Method 215.1	83.690 mg/L	RFB	3.86	89.6
10/2	14:00	TOC	EPA Method 415.1	1.302 mg/L	RFB	0.82	101.7

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.  
 A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.  
 Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
 Robert F. Berham, Laboratory Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Page 1 of 2

Client : Sunray Services, Inc.  
Control Number : 9509010568  
Sample ID : MW #7. (9509020341)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 2:10 PM  
Analysis Date : 10/12/95  
Analysis Time : 3:24 PM  
Report Date : 10/24/95

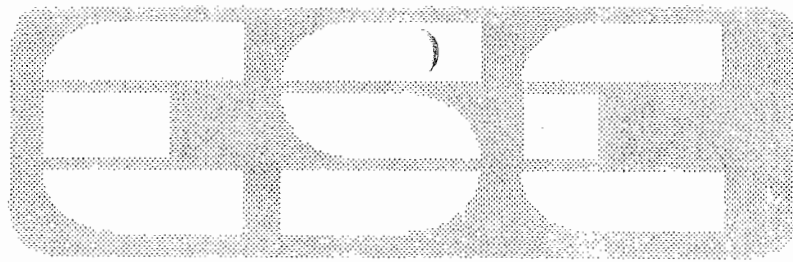
Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	< 5	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	< 5	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	< 5	5		
Bromochloromethane	< 5	5		
2-Butanone	< 100	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		

Client : Sunray Services, Inc.  
 Control Number : 9509010568  
 Sample ID : MW #7 (9509020341)

Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,2,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	< 5	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane-d <sub>4</sub> (Surrogate Spike)			90.00	
Toluene-d <sub>8</sub> (Surrogate Spike)			100.00	
Bromofluorobenzene (Surrogate Spike)			93.80	

This analysis was performed per EPA Methods 5030A and 8260A.

  
 David E. Stowers, Technical Director



Client : Sunray Services, Inc.  
Control Number : 9509010568  
Sample ID : MW #7 (9509020341)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 2:10 PM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
Selenium	< 0.005	0.005	EPA Method 270.2	10/3/95	17:00	BET	86.60	0.69
Antimony	0.357	0.200	EPA Method 204.1	10/9/95	10:30	BET	108.50	3.66
Thallium	< 0.100	0.100	EPA Method 279.1	10/9/95	14:00	BET	93.20	1.95
Vanadium	< 0.500	0.500	EPA Method 286.1	10/10/95	10:45	BET	88.70	2.97
Barium	< 0.500	0.500	EPA Method 208.1	10/10/95	12:00	BET	85.00	4.82
Beryllium	< 0.005	0.005	EPA Method 210.1	10/10/95	11:15	BET	98.20	3.42
Cobalt	< 0.050	0.050	EPA Method 219.1	10/9/95	11:00	BET	101.90	0.49
Mercury	< 0.0002	0.0002	EPA Method 245.1	10/6/95	12:30	BET	96.80	9.07
Arsenic	0.0113	0.005	EPA Method 206.2	10/3/95	14:00	BET	87.80	5.18

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
1107 Century Avenue  
Springdale, AR 72764

Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
13715 West Markham  
Little Rock, AR 72211

Tel. (501) 221-2565 FAX (501) 221-1341

Control Number : 9509020341	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 14:10	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : MW #7	Purchase Order :

### Laboratory Analyses

### Quality Assurance

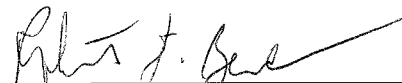
Date	Time	Parameter	Test Method(s)	Result	Analyst	Precision (% RPD)	Accuracy (% Recovery)
10/6	13:15	Bicarb. Alkalinity	SM 18th Ed., 2320B	367.500 mg/L	VLP	0.73	100.0
10/3	9:10	COD	EPA Method 410.4	< 3.700 mg/L	VLP	0.00	90.9
10/24	10:10	Chloride	EPA Method 325.3	7.500 mg/L	VLP	3.77	94.8
10/4	16:30	Cyanide	EPA Method 335.2	< 0.020 mg/L	VLP	0.00	97.2
10/2	10:10	NH <sub>3</sub>	EPA Method 350.2	< 0.100 mg/L	VLP	0.00	93.1
10/2	14:10	NO <sub>3</sub>	EPA Method 353.3	1.363 mg/L	VLP	7.60	94.5
10/2	16:30	TDS	EPA Method 160.1	364.000 mg/L	RFB	2.09	
10/25	13:30	Sulfate	EPA Method 375.4	2.517 mg/L	VLP	5.89	86.2
10/9	16:30	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB	0.00	108.8
10/9	17:30	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB	0.00	94.5
10/11	10:30	Total Iron	EPA Method 236.1	0.302 mg/L	RFB	0.86	104.0
10/10	9:30	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB	0.00	98.4
10/27	11:00	Total Magnesium	EPA Method 242.1	2.6702 mg/L	RFB	3.45	103.4
10/11	11:30	Total Manganese	EPA Method 243.1	0.587 mg/L	RFB	0.00	100.5
10/10	11:30	Total Nickel	EPA Method 249.1	< 0.060 mg/L	RFB	10.57	113.7
10/27	13:00	Total Potassium	EPA Method 258.1	1.7118 mg/L	RFB	3.07	89.2
10/10	10:30	Total Silver	EPA Method 272.1	< 0.050 mg/L	RFB	0.00	112.3
10/27	12:00	Total Sodium	EPA Method 273.1	0.6457 mg/L	RFB	1.29	99.4
10/12	11:30	Total Zinc	EPA Method 289.1	0.070 mg/L	RFB	6.64	94.8
10/12	10:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB	0.00	97.7
10/27	10:00	Total Calcium	EPA Method 215.1	151.089 mg/L	RFB	3.86	89.6
10/25	13:00	TOC	EPA Method 415.1	< 1.000 mg/L	RFB	0.00	102.6

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.

A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.

Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
Robert F. Benham, Laboratory Director





# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Page 1 of 2

Client : Sunray Services, Inc.  
Control Number : 9509010569  
Sample ID : MW #8 (9509020342)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 2:40 PM  
Analysis Date : 10/12/95  
Analysis Time : 4:00 PM  
Report Date : 10/24/95

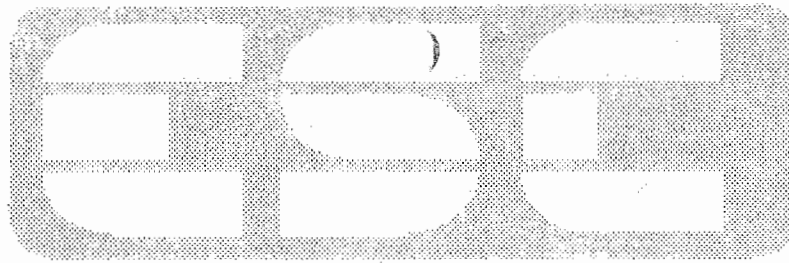
Target Compounds	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	< 5	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	< 5	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	< 5	5		
Bromochloromethane	< 5	5		
2-Butanone	140	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		

Client : Sunray Services, Inc.  
 Control Number : 9509010569  
 Sample ID : MW #8 (9509020342)

Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,2,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	< 5	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane-d <sub>4</sub> (Surrogate Spike)			95.30	
Toluene-d <sub>8</sub> (Surrogate Spike)			97.50	
Bromofluorobenzene (Surrogate Spike)			95.60	

This analysis was performed per EPA Methods 5030A and 8260A.

  
 David E. Stowers, Technical Director



Client : Sunray Services, Inc.  
Control Number : 9509010569  
Sample ID : MW #8 (9509020342)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 2:40 PM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
Selenium	< 0.005	0.005	EPA Method 270.2	10/3/95	17:00	BET	86.60	0.69
Antimony	0.362	0.200	EPA Method 204.1	10/9/95	10:30	BET	108.50	3.66
Thallium	< 0.100	0.100	EPA Method 279.1	10/9/95	14:00	BET	93.20	1.95
Vanadium	< 0.500	0.500	EPA Method 286.1	10/10/95	10:45	BET	88.70	2.97
Barium	< 0.500	0.500	EPA Method 208.1	10/10/95	12:00	BET	85.00	4.82
Beryllium	< 0.005	0.005	EPA Method 210.1	10/10/95	11:15	BET	98.20	3.42
Cobalt	< 0.050	0.050	EPA Method 219.1	10/9/95	11:00	BET	101.90	0.49
Mercury	< 0.0002	0.0002	EPA Method 245.1	10/6/95	12:30	BET	96.80	9.07
Arsenic	0.0103	0.005	EPA Method 206.2	10/3/95	14:00	BET	87.80	5.18

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
1107 Century Avenue  
Springdale, AR 72764

Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
13715 West Markham  
Little Rock, AR 72211

Tel. (501) 221-2565 FAX (501) 221-1341

Control Number : 9509020342	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 14:40	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : MW #8	Purchase Order :

### Laboratory Analyses

### Quality Assurance


Date	Time	Parameter	Test Method(s)	Result	Analyst	Precision (% RPD)	Accuracy (% Recovery)
10/6	13:15	Bicarb. Alkalinity	SM 18th Ed., 2320B	210.000 mg/L	VLP	0.73	100.0
10/3	9:10	COD	EPA Method 410.4	< 3.700 mg/L	VLP	0.00	90.9
10/24	10:10	Chloride	EPA Method 325.3	1.250 mg/L	VLP	3.77	94.8
10/4	16:30	Cyanide	EPA Method 335.2	< 0.020 mg/L	VLP	0.00	97.2
10/2	10:10	NH <sub>3</sub>	EPA Method 350.2	< 0.100 mg/L	VLP	0.00	93.1
10/2	14:10	NO <sub>3</sub>	EPA Method 353.3	0.595 mg/L	VLP	7.60	94.5
10/4	17:30	TDS	EPA Method 160.1	188.000 mg/L	RFB	4.26	
10/25	13:30	Sulfate	EPA Method 375.4	< 1.000 mg/L	VLP	5.89	86.2
10/18	11:00	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB	0.00	108.3
10/18	10:00	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB	0.00	100.5
10/17	15:30	Total Iron	EPA Method 236.1	< 0.04 mg/L	RFB	0.00	114.9
10/18	9:15	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB	0.00	99.3
10/27	11:00	Total Magnesium	EPA Method 242.1	1.295 mg/L	RFB	3.45	103.4
10/17	14:00	Total Manganese	EPA Method 243.1	< 0.050 mg/L	RFB	0.00	98.5
10/17	16:00	Total Nickel	EPA Method 249.1	< 0.060 mg/L	RFB	0.00	109.9
10/27	13:00	Total Potassium	EPA Method 258.1	1.7557 mg/L	RFB	3.07	89.2
10/10	10:30	Total Silver	EPA Method 272.1	< 0.050 mg/L	RFB	0.00	112.3
10/27	12:00	Total Sodium	EPA Method 273.1	4.4077 mg/L	RFB	1.29	99.4
10/17	8:30	Total Zinc	EPA Method 289.1	< 0.010 mg/L	RFB	0.00	101.0
10/17	9:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB	0.00	99.1
10/27	10:00	Total Calcium	EPA Method 215.1	90.206 mg/L	RFB	3.86	89.6
10/25	13:00	TOC	EPA Method 415.1	< 1.000 mg/L	RFB	0.00	102.6

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.

A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.

Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
Robert F. Benham, Laboratory Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Page 1 of 2

Client : Sunray Services, Inc.  
Control Number : 9509010570  
Sample ID : MW #8 Duplicate (9509020343)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 2:40 PM  
Analysis Date : 10/12/95  
Analysis Time : 4:37 PM  
Report Date : 10/24/95

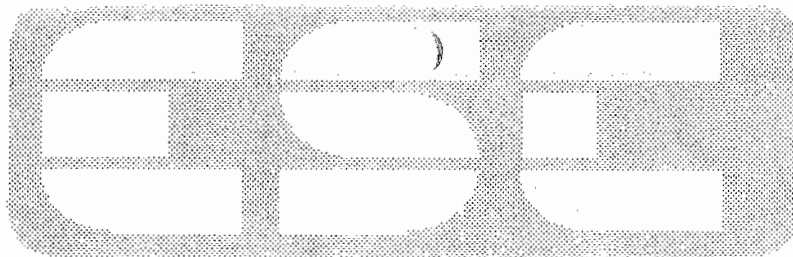
Target Compounds	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	< 5	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	< 5	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	< 5	5		
Bromochloromethane	< 5	5		
2-Butanone	120	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		

Client : Sunray Services, Inc.  
 Control Number : 9509010570  
 Sample ID : MW #8 Duplicate (9509020343)

Target Compounds	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,2,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	< 5	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane- $d_4$ (Surrogate Spike)			92.20	
Toluene- $d_8$ (Surrogate Spike)			94.30	
Bromofluorobenzene (Surrogate Spike)			93.60	

This analysis was performed per EPA Methods 5030A and 8260A.

  
 David E. Stowers, Technical Director

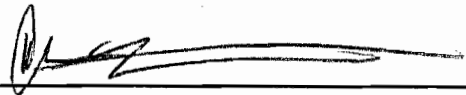


Client : Sunray Services, Inc.  
Control Number : 9509010570  
Sample ID : MW #8 Duplicate (9509020343)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 2:40 PM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
Selenium	< 0.005	0.005	EPA Method 270.2	10/3/95	17:00	BET	86.60	0.69
Antimony	0.435	0.200	EPA Method 204.1	10/9/95	10:30	BET	108.50	3.66
Thallium	< 0.100	0.100	EPA Method 279.1	10/9/95	14:00	BET	93.20	1.95
Vanadium	< 0.500	0.500	EPA Method 286.1	10/10/95	10:45	BET	88.70	2.97
Barium	< 0.500	0.500	EPA Method 208.1	10/10/95	12:00	BET	85.00	4.82
Beryllium	< 0.005	0.005	EPA Method 210.1	10/10/95	11:15	BET	98.20	3.42
Cobalt	< 0.050	0.050	EPA Method 219.1	10/9/95	11:00	BET	101.90	0.49
Mercury	< 0.0002	0.0002	EPA Method 245.1	10/6/95	12:30	BET	96.80	9.07
Arsenic	0.0121	0.005	EPA Method 206.2	10/3/95	14:00	BET	87.80	5.18

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
1107 Century Avenue  
Springdale, AR 72764

Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
13715 West Markham  
Little Rock, AR 72211

Tel. (501) 221-2565 FAX (501) 221-1341

Control Number : 9509020343	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 14:40	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : MW #8 (Duplicate)	Purchase Order :

### Laboratory Analyses

### Quality Assurance

Date	Time	Parameter	Test Method(s)	Result	Analyst	Precision (% RPD)	Accuracy (% Recovery)
10/6	13:15	Bicarb. Alkalinity	SM 18th Ed., 2320B	220.000 mg/L	VLP	0.73	100.0
10/3	9:10	COD	EPA Method 410.4	< 3.700 mg/L	VLP	0.00	90.9
10/24	10:10	Chloride	EPA Method 325.3	1.250 mg/L	VLP	3.77	94.8
10/10	16:00	Cyanide	EPA Method 335.2	< 0.020 mg/L	VLP	0.00	96.1
10/2	10:10	NH <sub>3</sub>	EPA Method 350.2	< 0.100 mg/L	VLP	0.00	93.1
10/5	13:10	NO <sub>3</sub>	EPA Method 353.3	0.667 mg/L	VLP	0.00	95.3
10/4	17:30	TDS	EPA Method 160.1	196.000 mg/L	RFB	4.26	
10/25	13:30	Sulfate	EPA Method 375.4	1.262 mg/L	VLP	5.89	86.2
10/18	11:00	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB	0.00	108.3
10/18	10:00	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB	0.00	100.5
10/17	15:30	Total Iron	EPA Method 236.1	< 0.04 mg/L	RFB	0.00	114.9
10/18	9:15	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB	0.00	99.3
10/27	11:00	Total Magnesium	EPA Method 242.1	1.3023 mg/L	RFB	3.45	103.4
10/17	14:00	Total Manganese	EPA Method 243.1	< 0.050 mg/L	RFB	0.00	98.5
10/17	16:00	Total Nickel	EPA Method 249.1	< 0.060 mg/L	RFB	0.00	109.9
10/27	13:00	Total Potassium	EPA Method 258.1	1.7996 mg/L	RFB	3.07	89.2
10/10	10:30	Total Silver	EPA Method 272.1	< 0.050 mg/L	RFB	0.00	112.3
10/27	12:00	Total Sodium	EPA Method 273.1	4.4077 mg/L	RFB	1.29	99.4
10/17	8:30	Total Zinc	EPA Method 289.1	< 0.010 mg/L	RFB	0.00	101.0
10/17	9:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB	0.00	99.1
10/27	10:00	Total Calcium	EPA Method 215.1	91.835 mg/L	RFB	3.86	89.6
10/25	13:00	TOC	EPA Method 415.1	< 1.000 mg/L	RFB	0.00	102.6

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.

A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.

Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
Robert F. Benham, Laboratory Director





# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Page 1 of 2

Client : Sunray Services, Inc.  
Control Number : 9509010571  
Sample ID : MW #10 (9509020344)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 10:50 AM  
Analysis Date : 10/12/95  
Analysis Time : 5:20 PM  
Report Date : 10/24/95

Target Compounds	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	< 5	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	< 5	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	< 5	5		
Bromochloromethane	< 5	5		
2-Butanone	< 100	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		

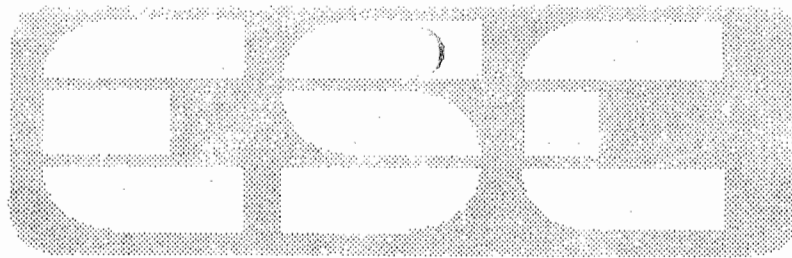
Client : Sunray Services, Inc.  
 Control Number : 9509010571  
 Sample ID : MW #10 (9509020344)

Target Compounds	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,1,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	< 5	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane- $d_4$ (Surrogate Spike)			99.10	
Toluene- $d_8$ (Surrogate Spike)			98.60	
Bromofluorobenzene (Surrogate Spike)			93.40	

This analysis was performed per EPA Methods 5030A and 8260A.



David E. Stowers, Technical Director



Client : Sunray Services, Inc.  
Control Number : 9509010571  
Sample ID : MW #10 (9509020344)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time: 10:50 AM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
Selenium	< 0.005	0.005	EPA Method 270.2	10/3/95	17:00	BET	86.60	0.69
Antimony	0.39	0.200	EPA Method 204.1	10/9/95	10:30	BET	108.50	3.66
Thallium	< 0.100	0.100	EPA Method 279.1	10/9/95	14:00	BET	93.20	1.95
Vanadium	< 0.500	0.500	EPA Method 286.1	10/10/95	10:45	BET	87.70	0.00
Barium	< 0.500	0.500	EPA Method 208.1	10/10/95	12:00	BET	98.00	2.02
Beryllium	< 0.005	0.005	EPA Method 210.1	10/10/95	11:15	BET	96.40	0.10
Cobalt	0.051	0.050	EPA Method 219.1	10/9/95	11:00	BET	101.90	0.49
Mercury	< 0.0002	0.0002	EPA Method 245.1	10/6/95	12:30	BET	96.80	9.07
Arsenic	0.0233	0.005	EPA Method 206.2	10/3/95	14:00	BET	87.80	5.18

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch

1107 Century Avenue

Springdale, AR 72764

Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 FAX (501) 221-1341

Control Number : 9509020344	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 10:50	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : MW #10	Purchase Order :

### Laboratory Analyses

### Quality Assurance

Date	Time	Parameter	Test Method(s)	Result	Analyst	Precision (% RPD)	Accuracy (% Recovery)
10/6	13:15	Bicarb. Alkalinity	SM 18th Ed., 2320B	157.500 mg/L	VLP	0.73	100.0
10/3	9:10	COD	EPA Method 410.4	< 3.700 mg/L	VLP	0.00	90.9
10/24	10:10	Chloride	EPA Method 325.3	< 1.000 mg/L	VLP	3.77	94.8
10/10	16:00	Cyanide	EPA Method 335.2	< 0.020 mg/L	VLP	0.00	96.1
10/2	10:10	NH <sub>3</sub>	EPA Method 350.2	< 0.100 mg/L	VLP	0.00	93.1
10/5	13:10	NO <sub>3</sub>	EPA Method 353.3	0.076 mg/L	VLP	0.00	95.3
10/4	17:30	TDS	EPA Method 160.1	136.000 mg/L	RFB	4.26	
10/25	13:30	Sulfate	EPA Method 375.4	8.123 mg/L	VLP	5.89	86.2
10/18	11:00	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB	0.00	108.3
10/18	10:00	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB	0.00	100.5
10/17	15:30	Total Iron	EPA Method 236.1	0.1706 mg/L	RFB	0.00	114.9
10/18	9:15	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB	0.00	99.3
10/27	11:00	Total Magnesium	EPA Method 242.1	4.361 mg/L	RFB	3.45	103.4
10/17	14:00	Total Manganese	EPA Method 243.1	< 0.050 mg/L	RFB	0.00	98.5
10/17	16:00	Total Nickel	EPA Method 249.1	< 0.060 mg/L	RFB	0.00	109.9
10/27	13:00	Total Potassium	EPA Method 258.1	1.6679 mg/L	RFB	3.07	89.2
10/10	10:30	Total Silver	EPA Method 272.1	< 0.050 mg/L	RFB	0.00	112.3
10/27	12:00	Total Sodium	EPA Method 273.1	4.351 mg/L	RFB	1.29	99.4
10/17	8:30	Total Zinc	EPA Method 289.1	< 0.010 mg/L	RFB	0.00	101.0
10/17	9:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB	0.00	99.1
10/27	10:00	Total Calcium	EPA Method 215.1	62.512 mg/L	RFB	3.86	89.6
10/25	13:00	TOC	EPA Method 415.1	1.327 mg/L	RFB	0.00	102.6

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.

A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.

Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature : \_\_\_\_\_

Robert F. Benham, Laboratory Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
 13715 W. MARKHAM - P.O. BOX 5644  
 LITTLE ROCK, ARKANSAS 72215  
 (501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
 1107 CENTURY  
 SPRINGDALE, ARKANSAS 72762  
 (501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
 Control Number : 9509010572  
 Sample ID : MW #11 (9509020345)  
 Sample Type : Grab Water

Collection Date : 9/27/95  
 Collection Time : 1:30 PM  
 Analysis Date : 10/12/95  
 Analysis Time : 5:59 PM  
 Report Date : 10/24/95

Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	< 5	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	< 5	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	< 5	5		
Bromochloromethane	< 5	5		
2-Butanone	< 100	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		

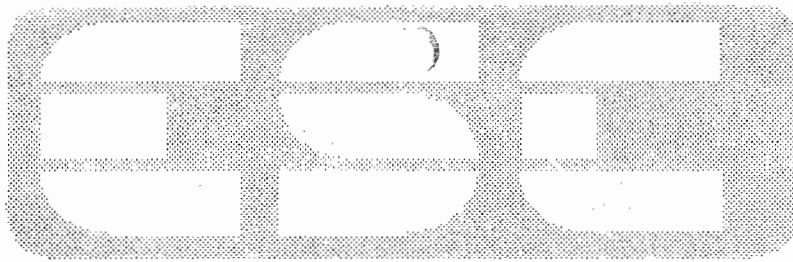
Client : Sunray Services, Inc.  
 Control Number : 9509010572  
 Sample ID : MW #11 (9509020345)

Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,2,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	< 5	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane-d <sub>4</sub> (Surrogate Spike)			103.00	
Toluene-d <sub>8</sub> (Surrogate Spike)			103.00	
Bromofluorobenzene (Surrogate Spike)			97.20	

This analysis was performed per EPA Methods 5030A and 8260A.



David E. Stowers, Technical Director



Client : Sunray Services, Inc.  
Control Number : 9509010572  
Sample ID : MW #11 (9509020345)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 1:30 PM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
Selenium	< 0.005	0.005	EPA Method 270.2	10/3/95	17:00	BET	89.90	1.68
Antimony	0.453	0.200	EPA Method 204.1	10/9/95	10:30	BET	102.50	1.35
Thallium	< 0.100	0.100	EPA Method 279.1	10/9/95	14:00	BET	101.50	0.69
Vanadium	< 0.500	0.500	EPA Method 286.1	10/10/95	10:45	BET	87.70	0.00
Barium	< 0.500	0.500	EPA Method 208.1	10/10/95	12:00	BET	85.00	4.82
Beryllium	< 0.005	0.005	EPA Method 210.1	10/10/95	11:15	BET	98.20	3.42
Cobalt	< 0.050	0.050	EPA Method 219.1	10/9/95	11:00	BET	99.00	0.57
Mercury	< 0.0002	0.0002	EPA Method 245.1	10/6/95	12:30	BET	88.80	2.67
Arsenic	< 0.005	0.005	EPA Method 206.2	10/3/95	14:00	BET	105.80	28.06

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
1107 Century Avenue  
Springdale, AR 72764  
Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
13715 West Markham  
Little Rock, AR 72211  
Tel. (501) 221-2565 FAX (501) 221-1341

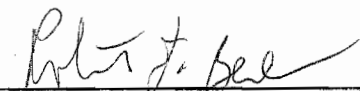
Control Number : 9509020345	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 13:30	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : MW #11	Purchase Order :

### Laboratory Analyses

### Quality Assurance

Date	Time	Parameter	Test Method(s)	Result	Analyst	Precision (% RPD)	Accuracy (% Recovery)
10/6	13:15	Bicarb. Alkalinity	SM 18th Ed., 2320B	170.630 mg/L	VLP	0.73	100.0
10/10	10:00	COD	EPA Method 410.4	11.300 mg/L	VLP	0.00	89.1
10/24	10:10	Chloride	EPA Method 325.3	6.875 mg/L	VLP	9.06	88.5
10/10	16:00	Cyanide	EPA Method 335.2	< 0.020 mg/L	VLP	0.00	96.1
10/5	10:00	NH <sub>3</sub>	EPA Method 350.2	< 0.100 mg/L	VLP	0.00	100.1
10/5	13:10	NO <sub>3</sub>	EPA Method 353.3	3.111 mg/L	VLP	0.00	95.3
10/4	17:30	TDS	EPA Method 160.1	176.000 mg/L	RFB	4.26	
10/25	13:30	Sulfate	EPA Method 375.4	1.472 mg/L	VLP	5.64	109.7
10/18	11:00	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB	0.00	108.3
10/18	10:00	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB	0.00	100.5
10/17	15:30	Total Iron	EPA Method 236.1	< 0.04 mg/L	RFB	0.00	114.9
10/18	9:15	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB	0.00	99.3
10/27	11:00	Total Magnesium	EPA Method 242.1	0.7623 mg/L	RFB	0.00	105.1
10/17	14:00	Total Manganese	EPA Method 243.1	< 0.050 mg/L	RFB	0.00	98.5
10/17	16:00	Total Nickel	EPA Method 249.1	< 0.060 mg/L	RFB	0.00	109.9
10/27	13:00	Total Potassium	EPA Method 258.1	0.8781 mg/L	RFB	0.00	103.9
10/18	8:30	Total Silver	EPA Method 272.1	< 0.050 mg/L	RFB	0.00	114.5
10/27	12:00	Total Sodium	EPA Method 273.1	3.329 mg/L	RFB	6.80	103.0
10/17	8:30	Total Zinc	EPA Method 289.1	< 0.010 mg/L	RFB	0.00	101.0
10/17	9:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB	0.00	99.1
10/27	10:00	Total Calcium	EPA Method 215.1	85.319 mg/L	RFB	12.71	105.9
10/25	13:00	TOC	EPA Method 415.1	< 1.000 mg/L	RFB	0.00	102.6

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.  
A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.  
Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
Robert F. Benham, Laboratory Director





# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

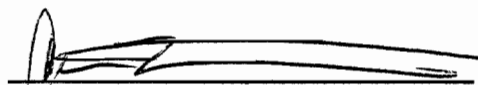
NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
Control Number : 9509010581  
Sample ID : Site #3 (9509020332)  
Sample Type : Grab Leachate

Collection Date : 9/28/95  
Collection Time : 4:15 PM  
Analysis Date : 10/11/95  
Analysis Time : 1:24 PM  
Report Date : 10/24/95

Target Compounds (TCLP Volatiles List)	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
1,1-Dichloroethylene	< 5	5	93.5	5.67
1,2-Dichloroethane	< 5	5		
Benzene	< 5	5	95.2	1.52
Carbon Tetrachloride	< 5	5		
Chlorobenzene	< 5	5	91.5	2.86
Chloroform	< 5	5		
Methyl ethyl ketone	< 100	100		
Tetrachloroethylene	< 5	5		
Trichloroethylene	< 5	5	79.9	11.60
Vinyl chloride	< 10	10		
Toluene		5	97.50	2.20

This analysis was performed per EPA Methods 5030A and 8260A.

  
David E. Stowers, Technical Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
Control Number : 9509010581  
Sample ID : Site #3 (9509020332)  
Sample Type : Grab Leachate

Collection Date : 9/28/95  
Collection Time : 4:15 PM  
Analysis Date : 10/9/95  
Analysis Time : 3:30 PM  
Report Date : 10/24/95

Target Compounds (TCLP Semivolatiles List)	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
o-Cresol	< 10	10		
m-Cresol	< 10	10		
p-Cresol	< 10	10		
2,4-Dinitrotoluene	< 10	10	91.0	8.22
Hexachlorobenzene	< 10	10		
Hexachloroethane	< 10	10		
Nitrobenzene	< 25	25	97.2	1.13
Pentachlorophenol	< 50	50	88.5	12.02
Pyridine	< 20	20		
Hexachlorobutadiene	< 10	10		
1,4-Dichlorobenzene	< 10	10		
2,4,5-Trichlorophenol	< 50	50		
2,4,6-Trichlorophenol	< 50	50		
2-Fluorobiphenyl (Surrogate Spike)			91.88	
2-Fluorophenol (Surrogate spike)			87.05	
Nitrobenzene-d <sub>5</sub> (Surrogate Spike)			104.23	
Phenol-d <sub>5</sub> (Surrogate Spike)			100.61	
p-Terphenyl-d <sub>14</sub> (Surrogate Spike)			84.25	
2,4,6-Tribromophenol			89.59	

This analysis was performed per EPA Methods 1311 and 8270.

  
David E. Stowers, Technical Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
Control Number : 9509010581  
Sample ID : Site #3 (9509020332)  
Sample Type : Grab Leachate

Collection Date : 9/28/95  
Collection Time : 4:15 PM  
Analysis Date : 10/11/95  
Analysis Time : 1:30 PM  
Report Date : 10/24/95

Target Compounds (TCLP Pesticides List)	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
Chlordane	< 5	5		
Endrin	< 0.5	0.5	84.2	1.13
Heptachlor	< 0.5	0.5	94.6	2.27
Heptachlor epoxide	< 0.5	0.5	91.4	0.66
Lindane	< 0.5	0.5	86.4	1.02
Methoxychlor	< 0.5	0.5	91.1	9.14
Toxaphene	< 5	5		

This analysis was performed per EPA Methods 1311 and 8080.

  
David E. Stowers, Technical Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

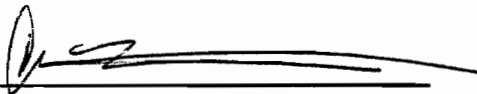
NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

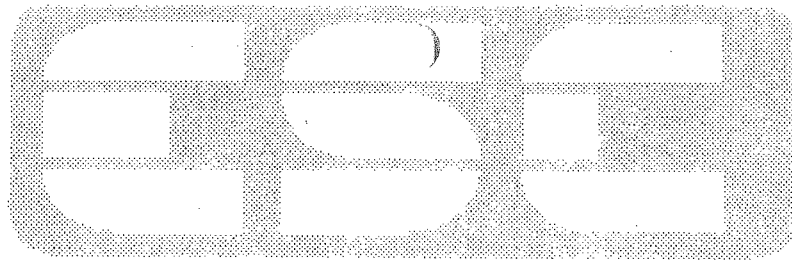
Client : Sunray Services, Inc.  
Control Number : 9509010581  
Sample ID : Site #3 (9509020332)  
Sample Type : Grab Leachate

Collection Date : 9/28/95  
Collection Time : 4:15 PM  
Analysis Date : 10/9/95  
Analysis Time : 5:35 PM  
Report Date : 10/24/95

Target Compounds (TCLP Herbicides List)	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
2,4-D	< 1	1	84.8	11.62
2,4,5-T	< 1	1	86.3	9.52
2,4,5-TP			88.2	8.11

This analysis was performed per EPA Methods 1311 and 8150.

  
David E. Stowers, Technical Director




Client : Sunray Services, Inc.  
Control Number : 9509010581  
Sample ID : Site #3 (9509020332)  
Sample Type : Grab Leachate

Collection Date : 9/27/95  
Collection Time: 4:15 PM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
TCLP Arsenic	0.1568	0.002	EPA Methods 1311, 7061	10/16/95	14:00	BET	81.30	4.29
TCLP Mercury	< 0.0002	0.0002	EPA Methods 1311, 7470	10/6/95	12:30	BET	94.40	31.31
TCLP Selenium	< 0.005	0.005	EPA Methods 1311, 7741	10/16/95	12:30	BET	85.00	3.96
TCLP Cadmium	0.012	0.001	EPA Methods 1311, 7130	10/12/95	9:00	BET	91.30	0.76
TCLP Barium	0.770	0.500	EPA Methods 1311, 7080	10/12/95	11:30	BET	107.00	0.00
TCLP Silver	0.020	0.010	EPA Methods 1311, 7760	10/13/95	8:00	BET	97.40	0.48
TCLP Chromium	< 0.050	0.050	EPA Methods 1311, 7190	10/12/95	11:15	BET	95.00	0.21
TCLP Lead	< 0.100	0.100	EPA Methods 1311, 7420	10/12/95	10:00	BET	96.60	0.32

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
1107 Century Avenue  
Springdale, AR 72764

Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
13715 West Markham  
Little Rock, AR 72211

Tel. (501) 221-2565 FAX (501) 221-1341


Control Number : 9509020332	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 16:15	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : Site #3	Purchase Order :

### Laboratory Analyses

### Quality Assurance

Date	Time	Parameter	Test Method(s)	Result	Analyst	Precision (% RPD)	Accuracy (% Recovery)
10/3	17:30	BOD <sub>5</sub>	EPA Method 405.1	198 mg/L	VLP	0.00	90.0
10/3	9:10	COD	EPA Method 410.4	733.0 mg/L	VLP	0.00	89.0
10/24	10:10	Chloride	EPA Method 325.3	625.000 mg/L	VLP	0.00	100.0
9/29	17:00	pH	EPA Method 150.1	7.980 S.U.	RFB	0.00	
10/2	16:30	TDS	EPA Method 160.1	2636.00 mg/L	RFB	2.09	
10/9	16:30	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB	0.00	108.8
10/9	17:30	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB	0.00	94.5
10/10	9:30	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB	0.00	98.4
10/10	11:30	Total Nickel	EPA Method 249.1	0.195 mg/L	RFB	10.57	113.7
10/12	11:30	Total Zinc	EPA Method 289.1	0.806 mg/L	RFB	6.64	94.8
10/12	10:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB	0.00	97.7

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.  
 A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.  
 Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
 Robert F. Benham, Laboratory Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
Control Number : 9509010582  
Sample ID : Site #4 (9509020333)  
Sample Type : Grab Leachate

Collection Date : 9/28/95  
Collection Time : 3:35 PM  
Analysis Date : 10/11/95  
Analysis Time : 1:24 PM  
Report Date : 10/24/95

Target Compounds (TCLP Volatiles List)	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
1,1-Dichloroethylene	< 5	5	93.5	5.67
1,2-Dichloroethane	< 5	5		
Benzene	< 5	5	95.2	1.52
Carbon Tetrachloride	< 5	5		
Chlorobenzene	< 5	5	91.5	2.86
Chloroform	< 5	5		
Methyl ethyl ketone	< 100	100		
Tetrachloroethylene	< 5	5		
Trichloroethylene	< 5	5	79.9	11.60
Vinyl chloride	< 10	10		
Toluene		5	97.50	2.20

This analysis was performed per EPA Methods 5030A and 8260A.

  
David E. Stowers, Technical Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341


NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
Control Number : 9509010582  
Sample ID : Site #4 (9509020333)  
Sample Type : Grab Leachate

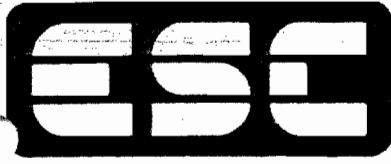
Collection Date : 9/28/95  
Collection Time : 3:35 PM  
Analysis Date : 10/9/95  
Analysis Time : 3:30 PM  
Report Date : 10/24/95

Target Compounds (TCLP Semivolatiles List)	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
o-Cresol	< 10	10		
m-Cresol	< 10	10		
p-Cresol	< 10	10		
2,4-Dinitrotoluene	< 10	10	91.0	8.22
Hexachlorobenzene	< 10	10		
Hexachloroethane	< 10	10		
Nitrobenzene	< 25	25	97.2	1.13
Pentachlorophenol	< 50	50	88.5	12.02
Pyridine	< 20	20		
Hexachlorobutadiene	< 10	10		
1,4-Dichlorobenzene	< 10	10		
2,4,5-Trichlorophenol	< 50	50		
2,4,6-Trichlorophenol	< 50	50		
2-Fluorobiphenyl (Surrogate Spike)			94.66	
2-Fluorophenol (Surrogate spike)			89.04	
Nitrobenzene-d <sub>5</sub> (Surrogate Spike)			107.26	
Phenol-d <sub>5</sub> (Surrogate Spike)			101.50	
p-Terphenyl-d <sub>14</sub> (Surrogate Spike)			90.03	
2,4,6-Tribromophenol			87.51	

This analysis was performed per EPA Methods 1311 and 8270.

  
David E. Stowers, Technical Director





# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
Control Number : 9509010582  
Sample ID : Site #4 (9509020333)  
Sample Type : Grab Leachate

Collection Date : 9/28/95  
Collection Time : 3:35 PM  
Analysis Date : 10/11/95  
Analysis Time : 1:30 PM  
Report Date : 10/24/95

Target Compounds (TCLP Pesticides List)	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
Chlordane	< 5	5		
Endrin	< 0.5	0.5	84.2	1.13
Heptachlor	< 0.5	0.5	94.6	2.27
Heptachlor epoxide	< 0.5	0.5	91.4	0.66
Lindane	< 0.5	0.5	86.4	1.02
Methoxychlor	< 0.5	0.5	91.1	9.14
Toxaphene	< 5	5		

This analysis was performed per EPA Methods 1311 and 8080.

  
David E. Stowers, Technical Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
Control Number : 9509010582  
Sample ID : Site #4 (9509020333)  
Sample Type : Grab Leachate

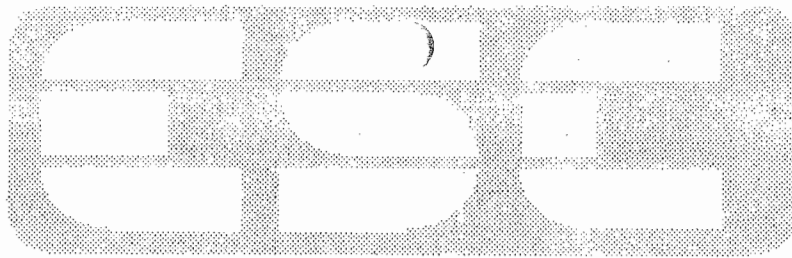
Collection Date : 9/28/95  
Collection Time: 3:35 PM  
Analysis Date : 10/9/95  
Analysis Time : 5:35 PM  
Report Date : 10/24/95

Target Compounds (TCLP Herbicides List)	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
2,4-D	< 1	1	84.8	11.62
2,4,5-T	< 1	1	86.3	9.52
2,4,5-TP			88.2	8.11

This analysis was performed per EPA Methods 1311 and 8150.



David E. Stowers, Technical Director

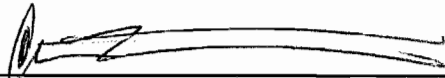


Client : Sunray Services, Inc.  
Control Number : 9509010582  
Sample ID : Site #4 (9509020333)  
Sample Type : Grab Leachate

Collection Date : 9/27/95  
Collection Time : 3:35 PM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
TCLP Arsenic	0.0127	0.002	EPA Methods 1311, 7061	10/16/95	14:00	BET	81.30	4.29
TCLP Mercury	< 0.0002	0.0002	EPA Methods 1311, 7470	10/6/95	12:30	BET	94.40	31.31
TCLP Selenium	< 0.005	0.005	EPA Methods 1311, 7741	10/16/95	12:30	BET	85.00	3.96
TCLP Cadmium	0.022	0.001	EPA Methods 1311, 7130	10/12/95	9:00	BET	91.30	0.76
TCLP Barium	0.580	0.500	EPA Methods 1311, 7080	10/12/95	11:30	BET	107.00	0.00
TCLP Silver	0.028	0.010	EPA Methods 1311, 7760	10/13/95	8:00	BET	97.40	0.48
TCLP Chromium	< 0.050	0.050	EPA Methods 1311, 7190	10/12/95	11:15	BET	95.00	0.21
TCLP Lead	< 0.100	0.100	EPA Methods 1311, 7420	10/12/95	10:00	BET	96.60	0.32

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
1107 Century Avenue  
Springdale, AR 72764

Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
13715 West Markham  
Little Rock, AR 72211

Tel. (501) 221-2565 FAX (501) 221-1341

Control Number : 9509020333  
Customer Name : Sunray Services, Inc. (Tontitown)  
Customer Number : 1122  
Report Date : 10/27/95

Sample Date : 9/27/95  
Sample Time : 15:35  
Sample Type : Grab Water  
Sample From : Site #4

Collected By : RFB/KH/DJ  
Delivery By : RFB  
Work Order :  
Purchase Order :

## Laboratory Analyses

<u>Date</u>	<u>Time</u>	<u>Parameter</u>	<u>Test Method(s)</u>	<u>Result</u>	<u>Analyst</u>
10/3	17:30	BOD <sub>5</sub>	EPA Method 405.1	134 mg/L	VLP
10/3	9:10	COD	EPA Method 410.4	496.0 mg/L	VLP
10/24	10:10	Chloride	EPA Method 325.3	25.000 mg/L	VLP
9/29	17:00	pH	EPA Method 150.1	6.130 S.U.	RFB
10/2	16:30	TDS	EPA Method 160.1	480.00 mg/L	RFB
10/9	16:30	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB
10/9	17:30	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB
10/10	9:30	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB
10/10	11:30	Total Nickel	EPA Method 249.1	0.092 mg/L	RFB
10/12	11:30	Total Zinc	EPA Method 289.1	1.667 mg/L	RFB
10/12	10:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB

## Quality Assurance

<u>Precision (% RPD)</u>	<u>Accuracy (% Recovery)</u>
0.00	90.0
0.00	89.0
0.00	100.0
0.00	
2.09	
0.00	108.8
0.00	94.5
0.00	98.4
10.57	113.7
6.64	94.8
0.00	97.7

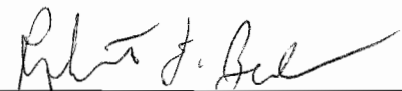
All equipment used is checked and/or calibrated daily. All testing is conducted in accordance with 40 CFR Part 136.

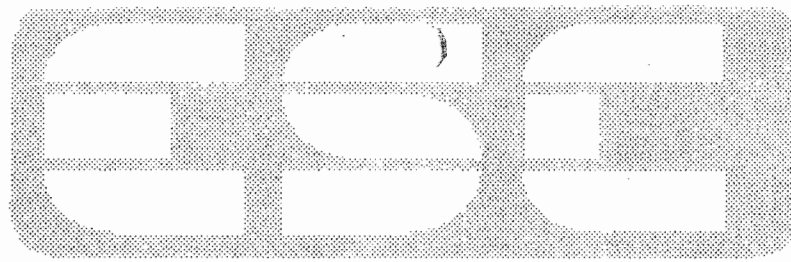
A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes.

A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.

Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :

  
Robert F. Benham, Laboratory Director



Client : Sunray Services, Inc.  
Control Number : 9509010583  
Sample ID : Class #4 (9509020334)  
Sample Type : Grab Leachate

Collection Date : 9/27/95  
Collection Time : 3:55 PM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
TCLP Arsenic	0.0602	0.002	EPA Methods 1311, 7061	10/16/95	14:00	BET	81.30	4.29
TCLP Mercury	< 0.0002	0.0002	EPA Methods 1311, 7470	10/6/95	12:30	BET	94.40	31.31
TCLP Selenium	< 0.005	0.005	EPA Methods 1311, 7741	10/16/95	12:30	BET	85.00	3.96
TCLP Cadmium	0.008	0.001	EPA Methods 1311, 7130	10/12/95	9:00	BET	91.30	0.76
TCLP Barium	1.130	0.500	EPA Methods 1311, 7080	10/12/95	11:30	BET	107.00	0.00
TCLP Silver	0.050	0.010	EPA Methods 1311, 7760	10/13/95	8:00	BET	97.40	0.48
TCLP Chromium	< 0.050	0.050	EPA Methods 1311, 7190	10/12/95	11:15	BET	95.00	0.21
TCLP Lead	< 0.100	0.100	EPA Methods 1311, 7420	10/12/95	10:00	BET	96.60	0.32

  
David E. Stowers, Technical Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

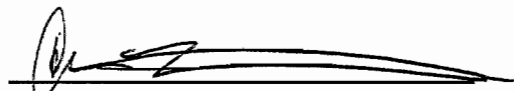
NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
Control Number : 9509010583  
Sample ID : Class #4 (9509020334)  
Sample Type : Grab Leachate

Collection Date : 9/28/95  
Collection Time : 3:55 PM  
Analysis Date : 10/9/95  
Analysis Time : 3:30 PM  
Report Date : 10/24/95

Target Compounds (TCLP Semivolatiles List)	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
o-Cresol	< 10	10		
m-Cresol	< 10	10		
p-Cresol	< 10	10		
2,4-Dinitrotoluene	< 10	10	91.0	8.22
Hexachlorobenzene	< 10	10		
Hexachloroethane	< 10	10		
Nitrobenzene	< 25	25	97.2	1.13
Pentachlorophenol	< 50	50	88.5	12.02
Pyridine	< 20	20		
Hexachlorobutadiene	< 10	10		
1,4-Dichlorobenzene	< 10	10		
2,4,5-Trichlorophenol	< 50	50		
2,4,6-Trichlorophenol	< 50	50		
2-Fluorobiphenyl (Surrogate Spike)			90.00	
2-Fluorophenol (Surrogate spike)			86.10	
Nitrobenzene-d <sub>5</sub> (Surrogate Spike)			103.05	
Phenol-d <sub>6</sub> (Surrogate Spike)			111.27	
p-Terphenyl-d <sub>14</sub> (Surrogate Spike)			89.89	
2,4,6-Tribromophenol			93.47	

This analysis was performed per EPA Methods 1311 and 8270.

  
David E. Stowers, Technical Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
Control Number : 9509010583  
Sample ID : Class #4 (9509020334)  
Sample Type : Grab Leachate

Collection Date : 9/28/95  
Collection Time: 3:55 PM  
Analysis Date : 10/11/95  
Analysis Time : 1:30 PM  
Report Date : 10/24/95

Target Compounds (TCLP Pesticides List)	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
Chlordane	< 5	5		
Endrin	< 0.5	0.5	84.2	1.13
Heptachlor	< 0.5	0.5	94.6	2.27
Heptachlor epoxide	< 0.5	0.5	91.4	0.66
Lindane	< 0.5	0.5	86.4	1.02
Methoxychlor	< 0.5	0.5	91.1	9.14
Toxaphene	< 5	5		

This analysis was performed per EPA Methods 1311 and 8080.

  
David E. Stowers, Technical Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client : Sunray Services, Inc.  
Control Number : 9509010583  
Sample ID : Class #4 (9509020334)  
Sample Type : Grab Leachate

Collection Date : 9/28/95  
Collection Time : 3:55 PM  
Analysis Date : 10/9/95  
Analysis Time : 5:35 PM  
Report Date : 10/24/95

Target Compounds (TCLP Herbicides List)	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
2,4-D	< 1	1	84.8	11.62
2,4,5-T	< 1	1	86.3	9.52
2,4,5-TP			88.2	8.11

This analysis was performed per EPA Methods 1311 and 8150.

David E. Stowers, Technical Director



# Environmental Services Company, Inc.

Northwest Arkansas Branch  
1107 Century Avenue  
Springdale, AR 72764

Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
13715 West Markham  
Little Rock, AR 72211

Tel. (501) 221-2565 FAX (501) 221-1341

Control Number : 9509020334	Sample Date : 9/27/95	Collected By : RFB/KH/DJ
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 15:55	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 10/27/95	Sample From : Class #4	Purchase Order :


### Laboratory Analyses

<u>Date</u>	<u>Time</u>	<u>Parameter</u>	<u>Test Method(s)</u>	<u>Result</u>	<u>Analyst</u>
10/3	17:30	BOD <sub>5</sub>	EPA Method 405.1	70 mg/L	VLP
10/3	9:10	COD	EPA Method 410.4	512.0 mg/L	VLP
10/24	10:10	Chloride	EPA Method 325.3	7.500 mg/L	VLP
9/29	17:00	pH	EPA Method 150.1	6.870 S.U.	RFB
10/2	16:30	TDS	EPA Method 160.1	1980.00 mg/L	RFB
10/9	16:30	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB
10/9	17:30	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB
10/10	9:30	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB
10/10	11:30	Total Nickel	EPA Method 249.1	< 0.060 mg/L	RFB
10/12	11:30	Total Zinc	EPA Method 289.1	0.022 mg/L	RFB
10/12	10:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB

### Quality Assurance

<u>Precision (% RPD)</u>	<u>Accuracy (% Recovery)</u>
0.00	90.0
0.00	89.0
0.00	100.0
0.00	
2.09	
0.00	108.8
0.00	94.5
0.00	98.4
10.57	113.7
6.64	94.8
0.00	97.7

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.  
 A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.  
 Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
 Robert F. Benham, Laboratory Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client: Sunray Services, Inc.  
Control Number: 9510020045  
Sample Type: Leachate  
Sample Location: Transfer Station

Sample Date: 4-Oct-95  
Sample Time: 10:30  
Analysis Date: 7-Nov-95  
Analysis Time: 23:18  
Report Date: 16-Nov-95

## Analytical Results

### TCLP Volatile Organics

### Results mg/L (ppm)

Benzene	< 0.001
Carbon tetrachloride	< 0.001
Chlorobenzene	< 0.001
Chloroform	< 0.001
1,4-Dichlorobenzene	< 0.001
1,2-Dichloroethane	< 0.003
1,1-Dichloroethylene	0.284
Methyl ethyl ketone	< 0.001
Tetrachloroethylene	< 0.001
Vinyl chloride	< 0.005

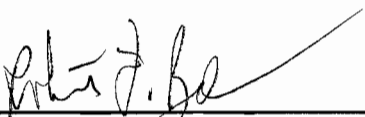
## Quality Assurance Results

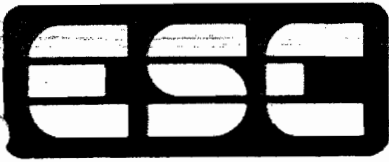
	<u>% Recovery</u>
Average Volatile Surrogate Recovery	98.10
RSD	0.22

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. A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology. Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Analyst: Sorrells Research Associates

Data release authorized by:

  
Robert F. Benham, Laboratory Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client: Sunray Services, Inc.  
Control Number: 9510020045  
Sample Type: Leachate  
Sample Location: Transfer Station

Sample Date: 4-Oct-95  
Sample Time: 10:30  
Analysis Date: 10-Nov-95  
Analysis Time: 10:26  
Report Date: 16-Nov-95

## Analytical Results

<u>TCLP Semivolatile Organics</u>	<u>Results mg/L (ppm)</u>
m-Cresol	< 0.050
o-Cresol	< 0.050
p-Cresol	< 0.050
2,4-Dinitrotoluene	< 0.050
Hexachlorobenzene	< 0.050
Hexachlorobutadiene	< 0.050
Hexachloroethane	< 0.050
Nitrobenzene	< 0.050
Pentachlorophenol	< 0.250
Pyridine	< 0.250
2,4,5-Trichlorophenol	< 0.050
2,4,6-Trichlorophenol	< 0.050

## Quality Assurance Results

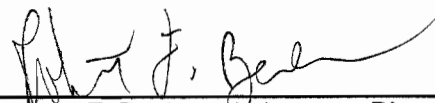
	<u>% Recovery</u>
Average Volatile Surrogate Recovery	0.00
RSD	0.00

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. A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology. Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

This analysis was performed per EPA Methods 1311 and 8270.

Analyst: Sorrells Research Associates

Data release authorized by:

  
Robert F. Benham, Laboratory Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client: Sunray Services, Inc.  
Control Number: 9510020045  
Sample Type: Leachate  
Sample Location: Transfer Station

Sample Date: 4-Oct-95  
Sample Time: 10:30  
Analysis Date: 12-Nov-95  
Analysis Time: 18:11  
Report Date: 16-Nov-95

## Analytical Results

<u>TCLP Pesticides</u>	<u>Results mg/L (ppm)</u>
Methoxychlor	< 0.100
Lindane	< 0.010
Heptachlor	< 0.008
Heptachlor epoxide	< 0.008
Endrin	< 0.010
Toxaphene	< 0.100
Chlordane	< 0.010

## Quality Assurance Results

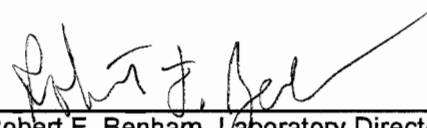
	<u>% Recovery</u>
Average Volatile Surrogate Recovery	72.70
RSD	5.33

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. A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology. Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

This analysis was performed per EPA Methods 1311 and 8080.

Analyst: Sorrells Research Associates

Data release authorized by:

  
Robert F. Benham, Laboratory Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Client: Sunray Services, Inc.  
Control Number: 9510020045  
Sample Type: Leachate  
Sample Location: Transfer Station

Sample Date: 4-Oct-95  
Sample Time: 10:30  
Analysis Date: 10-Nov-95  
Analysis Time: 12:41  
Report Date: 16-Nov-95

## Analytical Results

<u>TCLP Herbicides</u>	<u>Results mg/L (ppm)</u>
Methoxychlor	< 0.002
Lindane	< 0.002

## Quality Assurance Results

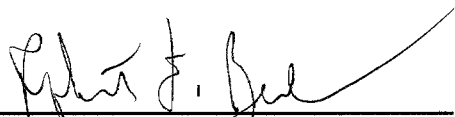
	<u>% Recovery</u>
Average Volatile Surrogate Recovery	0.00
RSD	0.00

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. A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology. Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

This analysis was performed per EPA Methods 1311 and 8150.

Analyst: Sorrells Research Associates

Data release authorized by:

  
Robert F. Benham, Laboratory Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
1107 Century Avenue  
Springdale, AR 72764

Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
13715 West Markham  
Little Rock, AR 72211

Tel. (501) 221-2565 FAX (501) 221-1341

Control Number : 9510020045  
Customer Name : Sunray Services, Inc.  
Customer Number : 1123  
Report Date : 11/16/95

Sample Date : 10/4/95  
Sample Time : 10:30  
Sample Type : Leachate  
Sample From : Transfer Station

Collected By : RFB  
Delivery By : RFB  
Work Order :  
Purchase Order :


### Laboratory Analyses

<u>Date</u>	<u>Time</u>	<u>Parameter</u>	<u>Test Method(s)</u>	<u>Result</u>	<u>Analyst</u>
10/19	16:00	TCLP Arsenic	EPA Methods 1311, 7061	0.0107 mg/L	BET
10/16	16:00	TCLP Mercury	EPA Methods 1311, 7470	0.0002 mg/L	BET
10/16	12:30	TCLP Selenium	EPA Methods 1311, 7741	< 0.0050 mg/L	BET
10/12	9:00	TCLP Cadmium	EPA Methods 1311, 7130	0.0130 mg/L	BET
10/12	11:30	TCLP Barium	EPA Methods 1311, 7080	0.6300 mg/L	BET
10/13	8:00	TCLP Silver	EPA Methods 1311, 7760	0.0500 mg/L	BET
10/12	11:15	TCLP Chromium	EPA Methods 1311, 7190	< 0.0500 mg/L	BET
10/12	10:00	TCLP Lead	EPA Methods 1311, 7420	< 0.1000 mg/L	BET

### Quality Assurance

<u>Precision (% RPD)</u>	<u>Accuracy (% Recovery)</u>
0.00	104.0
18.74	90.4
3.96	85.0
0.76	91.3
0.00	107.0
0.48	97.4
0.21	95.0
0.32	96.6

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.  
A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.  
Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :   
Robert F. Benham, Laboratory Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch  
1107 Century Avenue  
Springdale, AR 72764

Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office  
13715 West Markham  
Little Rock, AR 72211

Tel. (501) 221-2565 FAX (501) 221-1341

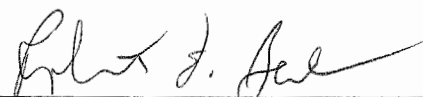
Control Number : 9510020045	Sample Date : 10/4/95	Collected By : RFB
Customer Name : Sunray Services, Inc. (Tontitown)	Sample Time : 15:55	Delivery By : RFB
Customer Number : 1122	Sample Type : Grab Water	Work Order :
Report Date : 11/20/95	Sample From : Transfer Station	Purchase Order :

### Laboratory Analyses

### Quality Assurance

Date	Time	Parameter	Test Method(s)	Result	Analyst	Precision (% RPD)	Accuracy (% Recovery)
10/4	17:30	BOD <sub>5</sub>	EPA Method 405.1	2949 mg/L	VLP	0.70	102.0
10/18	9:10	COD	EPA Method 410.4	6060.0 mg/L	VLP	14.41	88.6
10/24	10:10	Chloride	EPA Method 325.3	250.000 mg/L	VLP	0.00	100.0
10/4	10:30	pH	EPA Method 150.1	5.910 S.U.	RFB	0.00	
10/4	17:30	TDS	EPA Method 160.1	2968.00 mg/L	RFB	28.57	
10/4	10:30	Spec. Cond.	EPA Method 120.1	2480.00 uMHOS	RFB	0.00	0.0
10/4	10:30	Water Temp.	EPA Method 170.1	20.70 °C	RFB	0.00	
10/18	11:00	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB	0.00	95.1
10/18	10:00	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB	0.00	92.5
10/18	9:15	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB	0.00	91.9
10/17	16:00	Total Nickel	EPA Method 249.1	< 0.060 mg/L	RFB	0.00	98.9
10/17	8:30	Total Zinc	EPA Method 289.1	1.257 mg/L	RFB	0.00	94.0
10/17	9:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB	0.00	91.6

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.  
 A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.  
 Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature : 



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Page 1 of 2

Client : Sunray Services, Inc.  
Control Number : 9509010560  
Sample ID : Trip Blank (9509020331)  
Sample Type : Grab Water

Collection Date : 9/26/95  
Collection Time : 4:30 PM  
Analysis Date : 10/12/95  
Analysis Time : 10:35 AM  
Report Date : 10/24/95

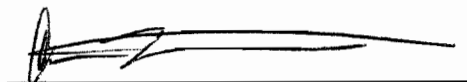
Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	< 5	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	< 5	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	5.8	5		
Bromochloromethane	< 5	5		
2-Butanone	< 100	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		



Client : Sunray Services, Inc.  
 Control Number : 9509010560  
 Sample ID : Trip Blank (9509020331)

Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,2,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	< 5	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane-d <sub>4</sub> (Surrogate Spike)			98.90	
Toluene-d <sub>8</sub> (Surrogate Spike)			98.90	
Bromofluorobenzene (Surrogate Spike)			94.70	

This analysis was performed per EPA Methods 5030A and 8260A.

  
 David E. Stowers, Technical Director



# Environmental Services Company, Inc.

CORPORATE OFFICE:  
13715 W. MARKHAM - P.O. BOX 5644  
LITTLE ROCK, ARKANSAS 72215  
(501) 221-2565 - FAX NO. (501) 221-1341

NORTHWEST BRANCH:  
1107 CENTURY  
SPRINGDALE, ARKANSAS 72762  
(501) 750-1170 - FAX NO. (501) 750-1172

Page 1 of 2

Client : Sunray Services, Inc.  
Control Number : 9509010573  
Sample ID : Equipment Blank (9509020346)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time : 3:15 PM  
Analysis Date : 10/12/95  
Analysis Time : 6:36 PM  
Report Date : 10/24/95

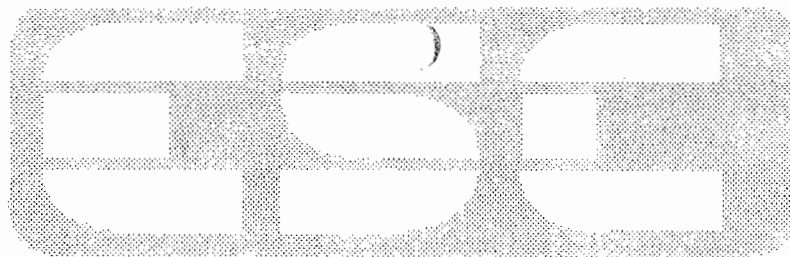
Target Compounds	Result ( $\mu\text{g/L}$ )	PQL ( $\mu\text{g/L}$ )	Spike Recovery (%)	RPD (%)
Chloromethane	< 1	1		
Vinyl chloride	< 10	10		
Bromomethane	< 10	10		
Chloroethane	< 10	10		
Trichlorofluoromethane	< 5	5		
1,1-Dichloroethene	< 5	5	82.80	1.09
Methylene chloride	< 10	10		
Acetone	< 100	100		
Carbon disulfide	< 100	100		
trans-1,2-Dichloroethene	< 5	5		
1,1-Dichloroethane	< 5	5		
cis-1,2-Dichloroethene	< 5	5		
Chloroform	< 5	5		
Bromochloromethane	< 5	5		
2-Butanone	< 100	100		
1,1,1-Trichloroethane	< 5	5		
Carbon tetrachloride	< 10	10		
1,2-Dichloroethane	< 5	5		
Vinyl acetate	< 50	50		
Benzene	< 5	5	97.50	1.86
Trichloroethene	< 5	5	89.60	0.00
1,2-Dichloropropane	< 5	5		
Bromodichloromethane	< 5	5		
Methylene bromide	< 10	10		

Client : Sunray Services, Inc.  
 Control Number : 9509010573  
 Sample ID : Equipment Blank (9509020346)

Target Compounds	Result (µg/L)	PQL (µg/L)	Spike Recovery (%)	RPD (%)
cis-1,3-Dichloropropene	< 10	10		
4-Methyl-2-pentanone	< 100	100		
2-Hexanone	< 50	50		
Toluene	< 5	5	89.60	0.22
trans-1,3-Dichloropropene	< 10	10		
1,1,2-Trichloroethane	< 5	5		
Tetrachloroethene	< 5	5		
Dibromochloromethane	< 5	5		
1,2-Dibromoethane	< 5	5		
Chlorobenzene	< 5	5	101.00	1.00
1,1,1,2-Tetrachloroethane	< 5	5		
Ethylbenzene	< 5	5		
Xylenes (Total)	< 5	5		
Styrene	< 10	10		
Bromoform	< 5	5		
1,1,2,2-Tetrachloroethane	< 5	5		
1,2,3-Trichloropropane	< 15	15		
1,4-Dichlorobenzene	< 5	5		
1,2-Dichlorobenzene	< 5	5		
1,2-Dibromo-3-chloropropane	< 25	25		
Acrylonitrile	< 200	200		
trans-1,4-Dichloro-2-butene	< 100	100		
Iodomethane	< 10	10		
1,2-Dichloroethane-d <sub>4</sub> (Surrogate Spike)			90.50	
Toluene-d <sub>8</sub> (Surrogate Spike)			92.50	
Bromofluorobenzene (Surrogate Spike)			90.30	

This analysis was performed per EPA Methods 5030A and 8260A.

  
 David E. Stowers, Technical Director



Client : Sunray Services, Inc.  
Control Number : 9509010573  
Sample ID : Equipment Blank (9509020346)  
Sample Type : Grab Water

Collection Date : 9/27/95  
Collection Time: 3:15 PM

Report Date : 10/24/95

Target Compounds	Result (mg/L)	PQL (mg/L)	Method	Analysis Date	Analysis Time	Analyst	Spike Recovery (%)	RPD (%)
Selenium	< 0.005	0.005	EPA Method 270.2	10/3/95	17:00	BET	89.90	1.68
Antimony	0.381	0.200	EPA Method 204.1	10/9/95	10:30	BET	102.50	1.35
Thallium	< 0.100	0.100	EPA Method 279.1	10/9/95	14:00	BET	101.50	0.69
Vanadium	< 0.500	0.500	EPA Method 286.1	10/10/95	10:45	BET	87.70	0.00
Barium	< 0.500	0.500	EPA Method 208.1	10/10/95	12:00	BET	98.00	2.02
Beryllium	< 0.005	0.005	EPA Method 210.1	10/10/95	11:15	BET	96.40	0.10
Cobalt	< 0.050	0.050	EPA Method 219.1	10/9/95	11:00	BET	99.00	0.57
Mercury	< 0.0002	0.0002	EPA Method 245.1	10/6/95	12:30	BET	88.80	2.67
Arsenic	< 0.005	0.005	EPA Method 206.2	10/3/95	14:00	BET	105.80	28.06

  
David E. Stowers, Technical Director

# Environmental Services Company, Inc.

Northwest Arkansas Branch

1107 Century Avenue

Springdale, AR 72764

Tel. (501) 750-1170 FAX (501) 750-1172

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 FAX (501) 221-1341

Control Number : 9509020346

Customer Name : Sunray Services, Inc. (Tontitown)

Customer Number : 1122

Report Date : 10/27/95

Sample Date : 9/27/95

Sample Time : 15:15

Sample Type : Grab Water

Sample From : Equipment Blank

Collected By : RFB/KH/DJ

Delivery By : RFB

Work Order :

Purchase Order :

### Laboratory Analyses

Date	Time	Parameter	Test Method(s)	Result	Analyst
10/6	13:15	Bicarb. Alkalinity	SM 18th Ed., 2320B	0.630 mg/L	VLP
10/10	10:00	COD	EPA Method 410.4	< 3.700 mg/L	VLP
10/24	10:10	Chloride	EPA Method 325.3	< 1.000 mg/L	VLP
10/10	16:00	Cyanide	EPA Method 335.2	< 0.020 mg/L	VLP
10/5	10:00	NH <sub>3</sub>	EPA Method 350.2	< 0.100 mg/L	VLP
10/5	13:10	NO <sub>3</sub>	EPA Method 353.3	0.034 mg/L	VLP
10/4	17:30	TDS	EPA Method 160.1	< 1.000 mg/L	RFB
10/25	13:30	Sulfate	EPA Method 375.4	1.764 mg/L	VLP
10/18	11:00	Total Chromium	EPA Method 218.1	< 0.060 mg/L	RFB
10/18	10:00	Total Copper	EPA Method 220.1	< 0.050 mg/L	RFB
10/17	15:30	Total Iron	EPA Method 236.1	< 0.04 mg/L	RFB
10/18	9:15	Total Lead	EPA Method 239.1	< 0.100 mg/L	RFB
10/27	11:00	Total Magnesium	EPA Method 242.1	< 0.01 mg/L	RFB
10/17	14:00	Total Manganese	EPA Method 243.1	< 0.050 mg/L	RFB
10/17	16:00	Total Nickel	EPA Method 249.1	< 0.060 mg/L	RFB
10/27	13:00	Total Potassium	EPA Method 258.1	0.0297 mg/L	RFB
10/18	8:30	Total Silver	EPA Method 272.1	< 0.050 mg/L	RFB
10/27	12:00	Total Sodium	EPA Method 273.1	0.0839 mg/L	RFB
10/17	8:30	Total Zinc	EPA Method 289.1	< 0.010 mg/L	RFB
10/17	9:30	Total Cadmium	EPA Method 213.1	< 0.010 mg/L	RFB
10/27	10:00	Total Calcium	EPA Method 215.1	0.257 mg/L	RFB
10/25	13:00	TOC	EPA Method 415.1	< 1.000 mg/L	RFB

### Quality Assurance

Precision (% RPD)	Accuracy (% Recovery)
0.73	100.0
0.00	89.1
9.06	88.5
0.00	96.1
0.00	100.1
0.00	95.3
4.26	
5.64	109.7
0.00	108.3
0.00	100.5
0.00	114.9
0.00	99.3
0.00	105.1
0.00	98.5
0.00	109.9
0.00	103.9
0.00	114.5
6.80	103.0
0.00	101.0
0.00	99.1
12.71	105.9
0.00	102.6

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.

A Quality Assurance Plan is on file with the Arkansas Department of Pollution Control and Ecology.

Note that Analysis Time and Quality Assurance information refer to the analytical batch in which this specific sample was included.

Signature :



Robert F. Benham, Laboratory Director



Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information			Project Information						Requested Parameters																																																																																																																																																																								
Company Name <u>Sunray Services, Inc.</u>			Permit / Project # : _____						<table border="1"> <tr><td>TCLP Volatiles</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TCLP Semi-Volatiles</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TCLP Metals</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TCLP Pesticides</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TCLP Herbicides</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>BOD, TDS, Chloride</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>COD</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Zn, Cu, Ni, Pb, Cr, Cd</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	TCLP Volatiles																					TCLP Semi-Volatiles																					TCLP Metals																					TCLP Pesticides																					TCLP Herbicides																					BOD, TDS, Chloride																					COD																					Zn, Cu, Ni, Pb, Cr, Cd																				
TCLP Volatiles																																																																																																																																																																																	
TCLP Semi-Volatiles																																																																																																																																																																																	
TCLP Metals																																																																																																																																																																																	
TCLP Pesticides																																																																																																																																																																																	
TCLP Herbicides																																																																																																																																																																																	
BOD, TDS, Chloride																																																																																																																																																																																	
COD																																																																																																																																																																																	
Zn, Cu, Ni, Pb, Cr, Cd																																																																																																																																																																																	
Address : <u>P. O. Box 1310</u>			Purchase Order # : _____																																																																																																																																																																														
<u>Springdale, AR 72765</u>			Sampler Name(s) : <u>Robert F. Benham</u> <u>Kevin Helges</u> <u>David Johnston</u>																																																																																																																																																																														
Telephone : <u>751-7024</u>			and Signature(s) : _____ <u>Robert F. Benham</u> <u>David Johnston</u>																																																																																																																																																																														
FAX : <u>751-7924</u>			Client Number : <u>1123</u>																																																																																																																																																																														
Sample Identification		Sample Collection				Sample Containers																																																																																																																																																																											
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																																																																																																																																																									
<u>#3</u>	<u>970332</u>	<u>9/27/95</u>	<u>1615</u>	<u>Grab</u>	<u>Leachate</u>	<u>Glass</u>	<u>40ml</u>	<u>HLC</u>																																																																																																																																																																									
						<u>Glass</u>	<u>1qt</u>	<u>None</u>																																																																																																																																																																									
						<u>Plastic</u>	<u>1/2gal</u>	<u>H<sub>2</sub>SO<sub>4</sub></u>																																																																																																																																																																									
						<u>Plastic</u>	<u>1/2gal</u>	<u>HNO<sub>3</sub></u>																																																																																																																																																																									
						<u>Plastic</u>	<u>1/2gal</u>	<u>None</u>																																																																																																																																																																									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)						Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																																																																																																																																																							
<u>Robert F. Benham</u>		<u>9/27/95</u>	<u>1740</u>							Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																																																																																																																																																							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)																																																																																																																																																																													
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)						This Document is Page Number <u>1</u> of <u>1</u>																																																																																																																																																																							
				<u>Robert F. Benham</u>																																																																																																																																																																													
Comment																																																																																																																																																																																	



Environmental Services Co., Inc.  
 Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501) 221-2565 Fax (501) 221-1341



# Chain of Custody

Environmental Services Co., Inc.  
 Northwest Arkansas Branch  
 1107 Century Ave.  
 Springdale, AR 72762  
 Tel. (501) 750-1170 Fax (501) 750-1172

Client Information			Project Information						Requested Parameters																																																																																																																																																																									
Company Name <u>Sunray Services, Inc.</u>			Permit / Project # : _____						<table border="1"> <tr><td>TCLP Volatiles</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TCLP Semi-Volatiles</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TCLP Metals</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TCLP Pesticides</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TCLP Herbicides</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>BOD, TDS, Chloride</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>COD</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Zn, Cu, Ni, Pb, Cr, Cd</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	TCLP Volatiles																				TCLP Semi-Volatiles																				TCLP Metals																				TCLP Pesticides																				TCLP Herbicides																				BOD, TDS, Chloride																				COD																				Zn, Cu, Ni, Pb, Cr, Cd																				Address : <u>P. O. Box 1310</u>			Purchase Order # : _____					
TCLP Volatiles																																																																																																																																																																																		
TCLP Semi-Volatiles																																																																																																																																																																																		
TCLP Metals																																																																																																																																																																																		
TCLP Pesticides																																																																																																																																																																																		
TCLP Herbicides																																																																																																																																																																																		
BOD, TDS, Chloride																																																																																																																																																																																		
COD																																																																																																																																																																																		
Zn, Cu, Ni, Pb, Cr, Cd																																																																																																																																																																																		
Telephone : <u>751-7024</u>			Sampler Name(s) : <u>Robert F. Benham</u>																																																																																																																																																																															
FAX : <u>751-7924</u>			and Signature(s) : <u>Kevin Hodges</u>																																																																																																																																																																															
Client Number : <u>1123</u>			and Signature(s) : <u>David Johnston</u>																																																																																																																																																																															
Sample Identification		Sample Collection				Sample Containers																																																																																																																																																																												
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	TCLP Volatiles	TCLP Semi-Volatiles	TCLP Metals	TCLP Pesticides	TCLP Herbicides	BOD, TDS, Chloride	COD	Zn, Cu, Ni, Pb, Cr, Cd																																																																																																																																																																		
Site #4	9-0333	9/27/95	1535	Grab	Leachate	Glass	40ml	HLC	X																																																																																																																																																																									
						Glass	1qt	None		X	X	X	X																																																																																																																																																																					
						Plastic	1/2gal	H <sub>2</sub> SO <sub>4</sub>							X																																																																																																																																																																			
						Plastic	1/2gal	HNO <sub>3</sub>											X																																																																																																																																																															
						Plastic	1/2gal	None						X																																																																																																																																																																				
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)						Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																																																																																																																																																								
<u>Robert F. Benham</u>		9/27/95	1740							Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																																																																																																																																																								
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)																																																																																																																																																																														
				<u>Richard A. Brockman</u>						This Document is Page Number <u>1</u> of <u>1</u>																																																																																																																																																																								
Comment																																																																																																																																																																																		



Environmental Services Co., Inc.  
 Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501) 221-2565 Fax (501) 221-1341



# Chain of Custody

Environmental Services Co., Inc.  
 Northwest Arkansas Branch  
 1107 Century Ave.  
 Springdale, AR 72762  
 Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information					Requested Parameters											
Company Name <u>Sunray Services, Inc.</u>				Permit / Project # : _____					TCLP Volatiles TCLP Semi-Volatiles TCLP Metals TCLP Pesticides TCLP Herbicides BOD, TDS, Chloride COD Zn, Cu, Ni, Pb, Cr, Cd											
Address : <u>P. O. Box 1310</u>				Purchase Order # : _____																
<u>Springdale, AR 72765</u>				Sampler Name(s) : <u>Robert F. Berham</u>																
Telephone : <u>751-7024</u>				<u>Kevn Hodges</u>																
FAX : <u>751-7924</u>				<u>David Johnston</u>																
Client Number : <u>1123</u>				and Signature(s) : <u>[Signatures]</u>																
Sample Identification		Sample Collection				Sample Containers														
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative												
<u>CL1 # 4</u>	<u>9-0334</u>	<u>9/27/95</u>	<u>1555</u>	<u>Grab</u>	<u>Leachate</u>	<u>Glass</u>	<u>40ml</u>	<u>HLC</u>	X											
						<u>Glass</u>	<u>1qt</u>	<u>None</u>		X	X	X	X							
						<u>Plastic</u>	<u>1/2gal</u>	<u>H<sub>2</sub>SO<sub>4</sub></u>						X						
						<u>Plastic</u>	<u>1/2gal</u>	<u>HNO<sub>3</sub></u>									X			
						<u>Plastic</u>	<u>1/2gal</u>	<u>None</u>						X						
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)					Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?											
<u>[Signature]</u> <u>Robert F. Berham</u>		<u>9/27/95</u>	<u>1740</u>	<u>[Signature]</u>					Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special											
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)					This Document is Page Number <u>1</u> of <u>1</u>											
<u>[Signature]</u>				<u>[Signature]</u>																
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)																
<u>[Signature]</u>				<u>[Signature]</u>																
Comment																				

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters																																																																																																																																							
Company Name <u>Sunray Services, Inc.</u> Address: <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone: <u>751-7024</u> FAX: <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project #: _____ Purchase Order #: _____ Sampler Name(s): <u>Robert F. Benham</u> <u>Kevin Hodges</u> and Signature(s): <u>David Johnson</u> <u>Robert F. Benham</u>				<table border="1"> <tr> <td>App. I Volatiles</td> <td>App. I Metals</td> <td>Ca</td> <td>Fe</td> <td>Hg</td> <td>Mg</td> <td>Mn</td> <td>K</td> <td>Na</td> <td>Bicarbonate, Sulfate, Chloride, TDS</td> <td>NH<sub>3</sub>-N</td> <td>COD</td> <td>TOC</td> <td>NO<sub>3</sub>-N</td> <td>CN</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>3</sub> -N	CN							X																						X	X																												X																						X																									X						
App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>3</sub> -N	CN																																																																																																																																	
X																																																																																																																																															
	X	X																																																																																																																																													
									X																																																																																																																																						
										X																																																																																																																																					
														X																																																																																																																																	
Sample Identification		Sample Collection				Sample Containers																																																																																																																																									
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																																																																																																																							
<u>mw #1</u>	<u>9-0335</u>	<u>9/22/95</u>	<u>0840</u>	<u>Grab</u>	<u>Water</u>	<u>Glass</u>	<u>40ml</u>	<u>HCL</u>																																																																																																																																							
						<u>Plastic</u>	<u>1/2gal</u>	<u>HNO<sub>3</sub></u>																																																																																																																																							
						<u>Plastic</u>	<u>1/2gal</u>	<u>None</u>																																																																																																																																							
						<u>Plastic</u>	<u>1/2gal</u>	<u>H<sub>2</sub>SO<sub>4</sub></u>																																																																																																																																							
						<u>Plastic</u>	<u>1/2gal</u>	<u>NAOH</u>																																																																																																																																							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)																																																																																																																																											
<u>Robert F. Benham</u>		<u>9/22/95</u>	<u>1740</u>																																																																																																																																												
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)																																																																																																																																											
Relinquished By: (Signature and Printed Name)		Date	Time	Received by Laboratory By: (Signature and Printed Name)																																																																																																																																											
				<u>Mary B. Benham</u>																																																																																																																																											
Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																																																																																																																															
Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																																																																																																																															
This Document is Page Number <u>1</u> of <u>1</u>																																																																																																																																															
Comments:																																																																																																																																															

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information					Requested Parameters																																																																						
Company Name <u>Sunray Services, Inc.</u> Address : <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone : <u>751-7024</u> FAX : <u>751-7924</u>				Permit / Project # : _____ Purchase Order # : _____ Sampler Name(s) : <u>Robert F. Benham</u> <u>Kevin Hodges</u> <u>David Johnston</u> and Signature(s) : _____ <u>Robert F. Benham</u> <u>David Johnston</u>					<table border="1"> <tr> <td>App. I Volatiles</td> <td>App. I Metals</td> <td>Ca</td> <td>Fe</td> <td>Hg</td> <td>Mg</td> <td>Mn</td> <td>K</td> <td>Na</td> <td>Bicarbonate, Sulfate, Chloride, TDS</td> <td>NH<sub>3</sub>-N</td> <td>COD</td> <td>TOC</td> <td>NO<sub>2</sub>-N</td> <td>NO<sub>3</sub>-N</td> <td>CN</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> </tr> </table>							App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>2</sub> -N	NO <sub>3</sub> -N	CN	X																	X	X							X				X																	X	
App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>2</sub> -N	NO <sub>3</sub> -N	CN																																																																
X																																																																															
	X	X							X				X																																																																		
														X																																																																	
Sample Identification		Sample Collection				Sample Containers																																																																									
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																																																							
<u>MW #2</u>	<u>9-0336</u>	<u>9/29/95</u>	<u>0925</u>	<u>Grab</u>	<u>Water</u>	<u>Glass</u>	<u>40ml</u>	<u>HCL</u>																																																																							
						<u>Plastic</u>	<u>1/2gal</u>	<u>HNO<sub>3</sub></u>	X	X																																																																					
						<u>Plastic</u>	<u>1/2gal</u>	<u>None</u>			X																																																																				
						<u>Plastic</u>	<u>1/2gal</u>	<u>H<sub>2</sub>SO<sub>4</sub></u>				X																																																																			
						<u>Plastic</u>	<u>1/2gal</u>	<u>NAOH</u>					X																																																																		
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																																																							
<u>Robert F. Benham</u> <u>Robert F. Benham</u>		<u>9/29/95</u>	<u>1740</u>					Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																																																							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)																																																																											
				<u>Robert F. Benham</u>																																																																											
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)				This Document is Page Number <u>1</u> of <u>1</u>																																																																							
				<u>Robert F. Benham</u>																																																																											
Comments :																																																																															

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters																																																																																																	
Company Name <u>Sunray Services, Inc.</u> Address: <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone: <u>751-7024</u> FAX: <u>751-7924</u>				Permit / Project #: _____ Purchase Order #: _____ Sampler Name(s): <u>Robert F. Berham</u> <u>Kevin Hodges</u> <u>David Johnston</u> and Signature(s): _____ <u>Robert F. Berham</u> <u>David Johnston</u>				<table border="1"> <tr> <td>App. I Volatiles</td> <td>App. I Metals</td> <td>Ca</td> <td>Fe</td> <td>Hg</td> <td>Mg</td> <td>Mn</td> <td>K</td> <td>Na</td> <td>Bicarbonate</td> <td>Sulfate</td> <td>Chloride</td> <td>TDS</td> <td>NH<sub>3</sub>-N</td> <td>COD</td> <td>TOC</td> <td>NO<sub>2</sub>-N</td> <td>CN</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> </tr> </table>								App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate	Sulfate	Chloride	TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>2</sub> -N	CN	X																			X	X								X																					X																						X
App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate	Sulfate	Chloride	TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>2</sub> -N	CN																																																																																								
X																																																																																																									
	X	X								X																																																																																															
													X																																																																																												
																	X																																																																																								
Client Number: <u>1123</u>		Sample Identification				Sample Collection				Sample Containers																																																																																															
Identification	BSC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																																																																																	
MW #3	9-0837	9/27/95	0950	Grab	Water	Glass	40ml	HCL																																																																																																	
I		I	I	I	I	Plastic	½gal	HNO <sub>3</sub>	X	X																																																																																															
						Plastic	½gal	None			X																																																																																														
						Plastic	½gal	H <sub>2</sub> SO <sub>4</sub>					X																																																																																												
						Plastic	½gal	NAOH									X																																																																																								
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																																																																																	
<u>Robert F. Berham</u> Robert F. Berham		9/27/95	1740																																																																																																						
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																																																																																	
Relinquished By: (Signature and Printed Name)		Date	Time	Received by Laboratory By: (Signature and Printed Name)				This Document is Page Number <u>1</u> of <u>1</u>																																																																																																	
				<u>David Johnston</u>																																																																																																					
Comments:																																																																																																									



Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters																																																																																							
Company Name <u>Sunray Services, Inc.</u>				Permit / Project # : _____				<table border="1"> <tr> <td rowspan="5">App. I Volatiles</td> <td rowspan="5">App. I Metals</td> <td rowspan="5">Ca Fe Hg Mg Mn K Na</td> <td rowspan="5">Bicarbonate, Sulfate, Chloride, TDS</td> <td rowspan="5">NH<sub>3</sub>-N, COD, TOC, NO<sub>2</sub>-N</td> <td rowspan="5">CN</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	App. I Volatiles	App. I Metals	Ca Fe Hg Mg Mn K Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N, COD, TOC, NO <sub>2</sub> -N	CN																																																																										Address : <u>P. O. Box 1310</u>				Purchase Order # : _____			
App. I Volatiles	App. I Metals	Ca Fe Hg Mg Mn K Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N, COD, TOC, NO <sub>2</sub> -N	CN																																																																																										
Telephone : <u>751-7024</u>				Sampler Name(s) : <u>Robert F. Berham</u>																																																																																											
FAX : <u>751-7924</u>				and Signature(s) : <u>Kevin Hodges</u>																																																																																											
Client Number : <u>1123</u>				Signature(s) : <u>David Johnston</u>																																																																																											
Sample Identification		Sample Collection				Sample Containers																																																																																									
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																																																																							
<u>MW #4</u>	<u>90338</u>	<u>9/27/95</u>	<u>1015</u>	<u>Grab</u>	<u>Water</u>	<u>Glass</u>	<u>40ml</u>	<u>HCL</u>																																																																																							
						<u>Plastic</u>	<u>1/2gal</u>	<u>HNO<sub>3</sub></u>																																																																																							
						<u>Plastic</u>	<u>1/2gal</u>	<u>None</u>																																																																																							
						<u>Plastic</u>	<u>1/2gal</u>	<u>H<sub>2</sub>SO<sub>4</sub></u>																																																																																							
						<u>Plastic</u>	<u>1/2gal</u>	<u>NAOH</u>																																																																																							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																																																																							
<u>Robert F. Berham</u>		<u>9/27/95</u>	<u>1740</u>	:																																																																																											
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																																																																							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By Laboratory By: (Signature and Printed Name)				This Document is Page Number <u>1</u> of <u>1</u>																																																																																							
				<u>David Johnston</u>																																																																																											
Comments :																																																																																															

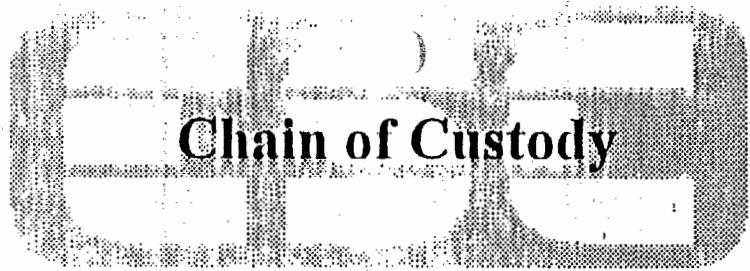
Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341



# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information					Requested Parameters																																																																															
Company Name <u>Sunray Services, Inc.</u> Address: <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone: <u>751-7024</u> FAX: <u>751-7924</u>				Permit / Project #: _____ Purchase Order #: _____ Sampler Name(s): <u>Robert F. Benham</u> <u>Kevin Hodges</u> <u>David Johnston</u> and Signature(s): _____ <u>Robert F. Benham</u> _____ <u>David Johnston</u> _____					<table border="1"> <tr> <td>App. I Volatiles</td> <td>App. I Metals</td> <td>Ca</td> <td>Fe</td> <td>Hg</td> <td>Mg</td> <td>Mn</td> <td>K</td> <td>Na</td> <td>Bicarbonate</td> <td>Sulfate</td> <td>Chloride</td> <td>TDS</td> <td>NH<sub>3</sub>-N</td> <td>COD</td> <td>TOC</td> <td>NO<sub>2</sub>-N</td> <td>CN</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> </tr> </table>								App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate	Sulfate	Chloride	TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>2</sub> -N	CN	X																			X	X								X				X																					X
App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate	Sulfate	Chloride	TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>2</sub> -N	CN																																																																							
X																																																																																								
	X	X								X				X																																																																										
																	X																																																																							
Sample Identification		Sample Collection				Sample Containers																																																																																		
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																																																																
MW #5	9-0339	9/27/95	1125	Grab	Water	Glass	40ml	HCL	X																																																																															
I		I	I	I	I	Plastic	1/2gal	HNO <sub>3</sub>		X	X																																																																													
						Plastic	1/2gal	None				X																																																																												
						Plastic	1/2gal	H <sub>2</sub> SO <sub>4</sub>					X																																																																											
						Plastic	1/2gal	NAOH									X																																																																							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																																																																
<u>Robert F. Benham</u> Robert F. Benham		9/27/95	1740																																																																																					
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																																																																
Relinquished By: (Signature and Printed Name)		Date	Time	Received By Laboratory By: (Signature and Printed Name)				This Document is Page Number <u>1</u> of <u>1</u>																																																																																
				<u>Shirley J. Bracker</u>																																																																																				
Comments:																																																																																								

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information					Requested Parameters																																																																																						
Company Name <u>Sunray Services, Inc.</u> Address : <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone : <u>751-7024</u> FAX : <u>751-7924</u>				Permit / Project # : _____ Purchase Order # : _____ Sampler Name(s) : <u>Robert F. Benham</u> <u>Kevin Hodges</u> <u>David Johnston</u> and Signature(s) : <u>[Signatures]</u>					<table border="1"> <tr> <td>App. I Volatiles</td> <td>App. I Metals</td> <td>Ca</td> <td>Fe</td> <td>Hg</td> <td>Mg</td> <td>Mn</td> <td>K</td> <td>Na</td> <td>Bicarbonate, Sulfate, Chloride, TDS</td> <td>NH<sub>3</sub>-N</td> <td>COD</td> <td>TOC</td> <td>NO<sub>2</sub>-N</td> <td>NO<sub>3</sub>-N</td> <td>CN</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>							App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>2</sub> -N	NO <sub>3</sub> -N	CN					X																					X	X							X				X																						X				
App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>2</sub> -N	NO <sub>3</sub> -N	CN																																																																																
X																																																																																															
	X	X							X				X																																																																																		
															X																																																																																
Sample Identification		Sample Collection				Sample Containers																																																																																									
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																																																																							
MW # 6	9-0340	9/27/95	1150	Grab	Water	Glass	40ml	HCL																																																																																							
						Plastic	½gal	HNO <sub>3</sub>																																																																																							
						Plastic	½gal	None																																																																																							
						Plastic	½gal	H <sub>2</sub> SO <sub>4</sub>																																																																																							
						Plastic	½gal	NAOH																																																																																							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)							Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact? <input type="checkbox"/>																																																																																				
<u>[Signature]</u> Robert F. Benham		9/27/95	1740	:																																																																																											
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)							Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																																																																				
				:																																																																																											
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)							This Document is Page Number <u>1</u> of <u>1</u>																																																																																				
				<u>[Signature]</u>																																																																																											
Comments:																																																																																															





Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information			Project Information						Requested Parameters																																				
Company Name <u>Sunray Services, Inc.</u> Address: <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone: <u>751-7024</u> FAX: <u>751-7924</u>			Permit / Project #: _____ Purchase Order #: _____ Sampler Name(s): <u>Robert F. Berham</u> <u>Kevin Hodges</u> <u>David Johnston</u> and Signature(s): <u>[Signatures]</u>						<table border="1"> <tr> <td>App. I Volatiles</td> <td>App. I Metals</td> <td>Ca</td> <td>Fe</td> <td>Hg</td> <td>Mg</td> <td>Mn</td> <td>K</td> <td>Na</td> <td>Bicarbonate, Sulfate, Chloride, TDS</td> <td>NH<sub>3</sub>-N</td> <td>COD</td> <td>TOC</td> <td>NO<sub>2</sub>-N</td> <td>CN</td> </tr> <tr> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>							App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>2</sub> -N	CN	X	X								X					
App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>2</sub> -N	CN																															
X	X								X																																				
Client Number: <u>1123</u>			Sample Identification			Sample Collection			Sample Containers																																				
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																					
<u>MW # 8</u>	<u>9-0342</u>	<u>9/27/95</u>	<u>1440</u>	<u>Grab</u>	<u>Water</u>	<u>Glass</u>	<u>40ml</u>	<u>HCL</u>																																					
						<u>Plastic</u>	<u>1/2gal</u>	<u>HNO<sub>3</sub></u>																																					
						<u>Plastic</u>	<u>1/2gal</u>	<u>None</u>																																					
						<u>Plastic</u>	<u>1/2gal</u>	<u>H<sub>2</sub>SO<sub>4</sub></u>																																					
						<u>Plastic</u>	<u>1/2gal</u>	<u>NAOH</u>																																					
Relinquished By: (Signature and Printed Name) <u>[Signature]</u> <u>Robert F. Berham</u>			Date	Time	Received By: (Signature and Printed Name)			Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																					
Relinquished By: (Signature and Printed Name)			Date	Time	Received By: (Signature and Printed Name)			Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																					
Relinquished By: (Signature and Printed Name)			Date	Time	Received for Laboratory By: (Signature and Printed Name) <u>[Signature]</u>			This Document is Page Number <u>1</u> of <u>1</u>																																					
Comments:																																													

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information					Requested Parameters																																																																																										
Company Name <u>Sunray Services, Inc.</u>				Permit / Project # : _____					<table border="1"> <tr> <td>App. I Volatiles</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>App. I Metals</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ca Fe Hg Mg Mn K Na</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bicarbonate, Sulfate, Chloride, TDS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>NH<sub>3</sub>-N, COD, TOC, NO<sub>2</sub>-N</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CN</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	App. I Volatiles															App. I Metals															Ca Fe Hg Mg Mn K Na															Bicarbonate, Sulfate, Chloride, TDS															NH <sub>3</sub> -N, COD, TOC, NO <sub>2</sub> -N															CN														
App. I Volatiles																																																																																																			
App. I Metals																																																																																																			
Ca Fe Hg Mg Mn K Na																																																																																																			
Bicarbonate, Sulfate, Chloride, TDS																																																																																																			
NH <sub>3</sub> -N, COD, TOC, NO <sub>2</sub> -N																																																																																																			
CN																																																																																																			
Address : <u>P. O. Box 1310</u>				Purchase Order # : _____																																																																																															
<u>Springdale, AR 72765</u>				Sampler Name(s) : <u>Robert F. Berham</u>																																																																																															
Telephone : <u>751-7024</u>				<u>Kevin Hodges</u>																																																																																															
FAX : <u>751-7924</u>				<u>David Johnston</u>																																																																																															
Client Number : <u>1123</u>				and Signature(s) : <u>[Signatures]</u>																																																																																															
Sample Identification		Sample Collection				Sample Containers																																																																																													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																																																																											
<u>MW #9 Dup</u>	<u>9-0343</u>	<u>9/27/95</u>	<u>1440</u>	<u>Grab</u>	<u>Water</u>	<u>Glass</u>	<u>40ml</u>	<u>HCL</u>	<u>X</u>																																																																																										
						<u>Plastic</u>	<u>1/2gal</u>	<u>HNO<sub>3</sub></u>		<u>X</u>	<u>X</u>																																																																																								
						<u>Plastic</u>	<u>1/2gal</u>	<u>None</u>				<u>X</u>																																																																																							
						<u>Plastic</u>	<u>1/2gal</u>	<u>H<sub>2</sub>SO<sub>4</sub></u>					<u>X</u>																																																																																						
						<u>Plastic</u>	<u>1/2gal</u>	<u>NAOH</u>						<u>X</u>																																																																																					
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)					Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																																																																										
<u>[Signature]</u> <u>Robert F. Berham</u>		<u>9/27/95</u>	<u>1740</u>	<u>[Signature]</u>					Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																																																																										
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)					This Document is Page Number <u>1</u> of <u>1</u>																																																																																										
<u>[Signature]</u>				<u>[Signature]</u>																																																																																															
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)																																																																																															
<u>[Signature]</u>				<u>[Signature]</u>																																																																																															
Comments :																																																																																																			

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information					Requested Parameters																																																																																																																																																																																																																																																																								
Company Name <u>Sunray Services, Inc.</u>				Permit / Project # : _____					<table border="1"> <tr> <td>App. I Volatiles</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>App. I Metals</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ca</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Fe</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hg</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Mn</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>K</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Na</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bicarbonate,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sulfate, Chloride, TDS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>NH<sub>3</sub>-N, COD, TOC, NO<sub>2</sub>-N</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CN</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	App. I Volatiles																						App. I Metals																						Ca																						Fe																						Hg																						Mn																						K																						Na																						Bicarbonate,																						Sulfate, Chloride, TDS																						NH <sub>3</sub> -N, COD, TOC, NO <sub>2</sub> -N																						CN																					
App. I Volatiles																																																																																																																																																																																																																																																																																	
App. I Metals																																																																																																																																																																																																																																																																																	
Ca																																																																																																																																																																																																																																																																																	
Fe																																																																																																																																																																																																																																																																																	
Hg																																																																																																																																																																																																																																																																																	
Mn																																																																																																																																																																																																																																																																																	
K																																																																																																																																																																																																																																																																																	
Na																																																																																																																																																																																																																																																																																	
Bicarbonate,																																																																																																																																																																																																																																																																																	
Sulfate, Chloride, TDS																																																																																																																																																																																																																																																																																	
NH <sub>3</sub> -N, COD, TOC, NO <sub>2</sub> -N																																																																																																																																																																																																																																																																																	
CN																																																																																																																																																																																																																																																																																	
Address : <u>P. O. Box 1310</u>				Purchase Order # : _____																																																																																																																																																																																																																																																																													
<u>Springdale, AR 72765</u>				Sampler Name(s) : <u>Robert F. Benham</u>																																																																																																																																																																																																																																																																													
Telephone : <u>751-7024</u>				<u>Kevin Hodger</u>																																																																																																																																																																																																																																																																													
FAX : <u>751-7924</u>				<u>David Johnson</u>																																																																																																																																																																																																																																																																													
Client Number : <u>1123</u>				and Signature(s) : <u>[Signatures]</u>																																																																																																																																																																																																																																																																													
Sample Identification		Sample Collection				Sample Containers																																																																																																																																																																																																																																																																											
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																																																																																																																																																																																																																																																									
MW #10	9-0344	9/27/95	1050	Grab	Water	Glass	40ml	HCL	X																																																																																																																																																																																																																																																																								
						Plastic	1/2gal	HNO <sub>3</sub>		X	X																																																																																																																																																																																																																																																																						
						Plastic	1/2gal	None				X																																																																																																																																																																																																																																																																					
						Plastic	1/2gal	H <sub>2</sub> SO <sub>4</sub>					X																																																																																																																																																																																																																																																																				
						Plastic	1/2gal	NAOH										X																																																																																																																																																																																																																																																															
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)								Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																																																																																																																																																																																																																																																					
<u>Robert F. Benham</u> Robert F. Benham		9/27/95	1740																																																																																																																																																																																																																																																																														
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)								Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																																																																																																																																																																																																																																																					
Relinquished By: (Signature and Printed Name)		Date	Time	Received By Laboratory By: (Signature and Printed Name)								This Document is Page Number <u>1</u> of <u>1</u>																																																																																																																																																																																																																																																																					
				<u>[Signature]</u>																																																																																																																																																																																																																																																																													
Comments:																																																																																																																																																																																																																																																																																	

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters																																																																																			
Company Name <u>Sunray Services, Inc.</u> Address: <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone: <u>751-7024</u> FAX: <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project #: _____ Purchase Order #: _____ Sampler Name(s): <u>Robert F. Berham</u> <u>Kevin Hodges</u> <u>David Johnston</u> and Signature(s): <u>[Signatures]</u>				<table border="1"> <tr> <td>App. I Volatiles</td> <td>App. I Metals</td> <td>Ca</td> <td>Fe</td> <td>Hg</td> <td>Mg</td> <td>Mn</td> <td>K</td> <td>Na</td> <td>Bicarbonate, Sulfate, Chloride, TDS</td> <td>NH<sub>3</sub>-N</td> <td>COD</td> <td>TOC</td> <td>NO<sub>2</sub>-N</td> <td>CN</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>2</sub> -N	CN					X																				X	X							X				X																				X				
App. I Volatiles	App. I Metals	Ca	Fe	Hg	Mg	Mn	K	Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N	COD	TOC	NO <sub>2</sub> -N	CN																																																																													
X																																																																																											
	X	X							X				X																																																																														
														X																																																																													
Sample Identification		Sample Collection				Sample Containers																																																																																					
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																																																																			
<u>mw # 11</u>	<u>9-0345</u>	<u>9/27/95</u>	<u>1330</u>	<u>Grab</u>	<u>Water</u>	<u>Glass</u>	<u>40ml</u>	<u>HCL</u>																																																																																			
						<u>Plastic</u>	<u>1/2gal</u>	<u>HNO<sub>3</sub></u>																																																																																			
						<u>Plastic</u>	<u>1/2gal</u>	<u>None</u>																																																																																			
						<u>Plastic</u>	<u>1/2gal</u>	<u>H<sub>2</sub>SO<sub>4</sub></u>																																																																																			
						<u>Plastic</u>	<u>1/2gal</u>	<u>NAOH</u>																																																																																			
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																																																																			
<u>[Signature]</u> <u>Robert F. Berham</u>		<u>9/27/95</u>	<u>1740</u>	<u>[Signature]</u>				Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																																																																			
Relinquished By: (Signature and Printed Name)		Date	Time	Received by Laboratory By: (Signature and Printed Name)				This Document is Page Number <u>1</u> of <u>1</u>																																																																																			
<u>[Signature]</u>				<u>[Signature]</u>																																																																																							
Comments:																																																																																											



Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information					Requested Parameters																			
Company Name <u>Sunray Services, Inc.</u> Address: <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone: <u>751-7024</u> FAX: <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project #: _____ Purchase Order #: _____ Sampler Name(s): <u>Robert F. Bertram</u> <u>Kevin Hodges</u> <u>David Johnston</u> and Signature(s): <u>[Signatures]</u>					<table border="1"> <tr> <td>App. I Volatiles</td> <td>App. I Metals</td> <td>Ca Fe Hg Mg Mn K Na</td> <td>Bicarbonate, Sulfate, Chloride, TDS</td> <td>NH<sub>3</sub>-N, COD, TOC, NO<sub>2</sub>-N</td> <td>CN</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>							App. I Volatiles	App. I Metals	Ca Fe Hg Mg Mn K Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N, COD, TOC, NO <sub>2</sub> -N	CN							
App. I Volatiles	App. I Metals	Ca Fe Hg Mg Mn K Na	Bicarbonate, Sulfate, Chloride, TDS	NH <sub>3</sub> -N, COD, TOC, NO <sub>2</sub> -N	CN																							
Sample Identification		Sample Collection				Sample Containers																						
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																				
<u>Equipment Blank</u>	<u>9-0246</u>	<u>9/27/95</u>	<u>1515</u>	<u>Grab</u>	<u>Water</u>	<u>Glass</u>	<u>40ml</u>	<u>HCL</u>	<u>X</u>																			
						<u>Plastic</u>	<u>1/2gal</u>	<u>HNO<sub>3</sub></u>		<u>X</u>	<u>X</u>																	
						<u>Plastic</u>	<u>1/2gal</u>	<u>None</u>				<u>X</u>																
						<u>Plastic</u>	<u>1/2gal</u>	<u>H<sub>2</sub>SO<sub>4</sub></u>					<u>X</u>															
						<u>Plastic</u>	<u>1/2gal</u>	<u>NAOH</u>						<u>X</u>														
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)					Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																			
<u>[Signature]</u> <u>Robert F. Bertram</u>		<u>9/27/95</u>	<u>1740</u>	<u>[Signature]</u>																								
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)					Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																			
				<u>[Signature]</u>																								
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)					This Document is Page Number <u>1</u> of <u>1</u>																			
				<u>[Signature]</u>																								
Comments:																												

Environmental Services Co., Inc.  
 Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501) 221-2565 Fax (501) 221-1341



# Chain of Custody

Environmental Services Co., Inc.  
 Northwest Arkansas Branch  
 1107 Century Ave.  
 Springdale, AR 72762  
 Tel. (501) 750-1170 Fax (501) 750-1172

Client Information			Project Information						Requested Parameters																																																																																													
Company Name <u>Sunray Services, Inc.</u>			Permit / Project # : _____						<table border="1"> <tr> <td>TCLP Volatiles</td> <td>TCLP Semi-Volatiles</td> <td>TCLP Metals</td> <td>TCLP Pesticides</td> <td>TCLP Herbicides</td> <td>BOD, TDS, Chloride</td> <td>COD</td> <td>Zn, Cu, Ni, Pb, Cr, Cd</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										TCLP Volatiles	TCLP Semi-Volatiles	TCLP Metals	TCLP Pesticides	TCLP Herbicides	BOD, TDS, Chloride	COD	Zn, Cu, Ni, Pb, Cr, Cd															X	X	X	X																							X																								X											
TCLP Volatiles	TCLP Semi-Volatiles	TCLP Metals	TCLP Pesticides	TCLP Herbicides	BOD, TDS, Chloride	COD	Zn, Cu, Ni, Pb, Cr, Cd																																																																																															
	X	X	X	X																																																																																																		
						X																																																																																																
									X																																																																																													
Address : <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u>			Purchase Order # : _____																																																																																																			
Telephone : <u>751-7024</u>			Sampler Name(s) : <u>Ford Berham</u>																																																																																																			
FAX : <u>751-7924</u>			and Signature(s) : <u>Robert F. Berham</u>																																																																																																			
Client Number : <u>1123</u>																																																																																																						
Sample Identification		Sample Collection				Sample Containers																																																																																																
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																																																																														
<u>Transfer Station</u>	<u>10-0045</u>	<u>10/4/95</u>	<u>1030</u>	<u>Grab</u>	<u>Leachate</u>	<u>Glass</u>	<u>40ml</u>	<u>HLC</u>	X																																																																																													
" "						<u>Glass</u>	<u>1qt</u>	<u>None</u>	X X X X																																																																																													
" "						<u>Plastic</u>	<u>1/2gal</u>	<u>H<sub>2</sub>SO<sub>4</sub></u>	X																																																																																													
" "						<u>Plastic</u>	<u>1/2gal</u>	<u>HNO<sub>3</sub></u>	X																																																																																													
" "						<u>Plastic</u>	<u>1/2gal</u>	<u>None</u>	X																																																																																													
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)						Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																																																																												
<u>Robert F. Berham</u> Robert F. Berham		<u>10/4/95</u>	<u>1125</u>							Turn-around <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Special																																																																																												
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)																																																																																																		
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)						This Document is Page Number <u>1</u> of <u>1</u>																																																																																												
				<u>Shirley A. Smith</u>																																																																																																		
Comments: <u>pH = 5.91</u>											<u>Temperature = 20.9°C</u>																																																																																											
											<u>Specific Conductivity = 2480 µS/cm</u>																																																																																											



# Chain of Custody

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters																									
Company Name <u>Sunray Services, Inc.</u> Address: <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone: <u>751-7024</u> FAX: <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project #: _____ Purchase Order #: _____ Sampler Name(s): <u>Ford Benham, Kevin Hodges</u> <u>David Johnston</u> and Signature(s): _____				<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">TCIP Volatiles</td> <td style="width: 10%;">99.AA</td> <td style="width: 10%;">TCIP Semi-Volatiles</td> <td style="width: 10%;">99.ZZ</td> <td style="width: 10%;">1.A. 1-3 19</td> <td style="width: 10%;">45.11</td> <td style="width: 10%;">TCIP As. Se. Ag. Cr</td> <td style="width: 10%;">2A. 2-9</td> <td style="width: 10%;">50.16</td> <td style="width: 10%;">TCIP Pb. Cd. Hg. Ba</td> <td style="width: 10%;">TCIP Herbicides</td> <td style="width: 10%;">99.66</td> <td style="width: 10%;">TCIP Pesticides</td> <td style="width: 10%;">99.7D</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> </table>								TCIP Volatiles	99.AA	TCIP Semi-Volatiles	99.ZZ	1.A. 1-3 19	45.11	TCIP As. Se. Ag. Cr	2A. 2-9	50.16	TCIP Pb. Cd. Hg. Ba	TCIP Herbicides	99.66	TCIP Pesticides	99.7D				
TCIP Volatiles	99.AA	TCIP Semi-Volatiles	99.ZZ	1.A. 1-3 19	45.11	TCIP As. Se. Ag. Cr	2A. 2-9	50.16	TCIP Pb. Cd. Hg. Ba	TCIP Herbicides	99.66	TCIP Pesticides	99.7D																				
Sample Identification		Sample Collection				Sample Containers																											
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																									
Site #3 9509020332	9509010581	9-27	1615	Grab	Leachate	Glass	40 ml <sup>(4)</sup>	HCl																									
						Glass	1 qt <sup>(4)</sup>	None	X	X	X	X	X																				
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																									
<i>David Johnston</i>		9-28-95	1630	<i>David Johnston</i>				Results due by 10-16-95																									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special																									
<i>David Johnston</i>		9-28	900	<i>David Johnston</i>				This Document is Page Number <u>1</u> of <u>2</u>																									
Comments: special reporting format to be used.																																	





Environmental Services Co., Inc.  
 Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.  
 Northwest Arkansas Branch  
 1107 Century Ave.  
 Springdale, AR 72762  
 Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters																																										
Company Name <u>Sunray Services, Inc.</u> Address: <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone: <u>751-7024</u> FAX: <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project #: _____ Purchase Order #: _____ Sampler Name(s): <u>Ford Benham, Kevin Hodges</u> and Signature(s): <u>David Johnston</u>				<table border="1"> <tr> <td>TCLP Volatiles</td> <td>TCLP Semi-Volatiles</td> <td>TCLP As. Se. Ag. Cr.</td> <td>TCLP Pb. Cd. Hg. Ba</td> <td>TCLP Herbicides</td> <td>TCLP Pesticides</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>							TCLP Volatiles	TCLP Semi-Volatiles	TCLP As. Se. Ag. Cr.	TCLP Pb. Cd. Hg. Ba	TCLP Herbicides	TCLP Pesticides							X													X	X	X	X	X						
TCLP Volatiles	TCLP Semi-Volatiles	TCLP As. Se. Ag. Cr.	TCLP Pb. Cd. Hg. Ba	TCLP Herbicides	TCLP Pesticides																																													
X																																																		
	X	X	X	X	X																																													
Sample Identification		Sample Collection			Sample Containers																																													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																										
Class #4	<u>9509020334</u>	9-27	1555	Grab	Leachate	Glass	40 mL <sup>(4)</sup>	HCl	X																																									
9509020334						Glass	1 qt <sup>(4)</sup>	None	X X X X X																																									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)			Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																																											
<u>David Johnston</u>		9-28-95	1630	<u>David Johnston</u>			Results due by 10-16-95																																											
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)			Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special																																											
<u>David Johnston</u>		9-30	900	<u>David Johnston</u>			This Document is Page Number <u>1</u> of <u>4</u>																																											
Comments: <u>Special reporting format to be used.</u>																																																		



# Chain of Custody

**Environmental Services Co., Inc.**  
**Corporate Office**  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501) 221-2565 Fax (501) 221-1341

**Environmental Services Co., Inc.**  
**Northwest Arkansas Branch**  
 1107 Century Ave.  
 Springdale, AR 72762  
 Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters																																				
Company Name <u>Sunray Services, Inc.</u> Address : <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone : <u>751-7024</u> FAX : <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project # : _____ Purchase Order # : _____ Sampler Name(s) : <u>Ford Benham, Kevin Hodges</u> <u>David Johnston</u> and Signature(s) : _____				<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">App. I Volatiles</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">App. I Sb, As, Ba, Be</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">App. I Co, Se, TL, V</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Hg</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, TL, V	Hg																									
App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, TL, V	Hg																																									
Sample Identification		Sample Collection				Sample Containers																																						
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																				
MW #2	<u>9509010563</u>	9-27	0925	Grab	Water	Glass	40 mL <sup>21</sup>	HCl	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);"></td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">X</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">X</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								X															X	X	X										
X																																												
	X	X	X																																									
9509020336						Plastic	1/2 gal	HNO <sub>3</sub>																																				
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact? Results due by <u>10-16-95</u> Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special																																				
<u>Dwight A. Brasher</u>		9-28-95	1630	<u>Steve Jones</u>																																								
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)				This Document is Page Number <u>1</u> of <u>6</u>																																				
<u>Steve Jones</u>		9-30	0835	<u>Be Templeman</u>																																								
Comments: Special Reporting format to be used.																																												

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters									
Company Name <u>Sunray Services, Inc.</u> Address : <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone : <u>751-7024</u> FAX : <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project # : _____ Purchase Order # : _____ Sampler Name(s) : <u>Ford Benham, Kevin Hodges</u> <u>David Johnston</u> and Signature(s) : _____				App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg						
Sample Identification		Sample Collection		Sample Containers													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative									
MW #3	9509020337	9-27	0950	Grab	Water	Glass	40 ml <sup>(2)</sup>	HCl	X								
						Plastic	1/2 gal	HNO <sub>3</sub>		X	X	X					
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?									
<i>Richard B. ...</i>		9-28-95	1630	<i>John ...</i>				Results due by 10-16-95									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special									
<i>John ...</i>		9-30	830	<i>John ...</i>				This Document is Page Number <u>1</u> of <u>1</u>									
Comments: Special Reporting format to be used.																	





Environmental Services Co., Inc.  
 Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.  
 Northwest Arkansas Branch  
 1107 Century Ave.  
 Springdale, AR 72762  
 Tel. (501)750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters																												
Company Name <u>Sunray Services, Inc.</u> Address: <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone: <u>751-7024</u> FAX: <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project #: _____ Purchase Order #: _____ Sampler Name(s): <u>Ford Benham, Kevin Hodges</u> <u>David Johnston</u> and Signature(s): _____				<table border="1"> <tr> <td rowspan="2">App. I Volatiles</td> <td rowspan="2">App. I Sb, As, Ba, Be</td> <td rowspan="2">App. I Co, Se, Tl, V</td> <td rowspan="2">Hg</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>							App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg																		
App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg																																	
Sample Identification		Sample Collection				Sample Containers																														
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																												
MW #5	<u>9509020339</u>	9-27	1125	Grab	Water	Glass	40 mL <sup>(2)</sup>	HCl	X																											
9509020339						Plastic	1/2 gal	HNO <sub>3</sub>		X	X	X																								
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)							Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																									
<u>David Johnston</u>		9-28-95	1630	<u>David Johnston</u>							Results due by <u>10-16-95</u>																									
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)							Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special																									
<u>David Johnston</u>		9-30	840	<u>David Johnston</u>							This Document is Page Number <u>1</u> of <u>9</u>																									
Comments: Special Reporting format to be used.																																				

Environmental Services Co., Inc.  
 Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.  
 Northwest Arkansas Branch  
 1107 Century Ave.  
 Springdale, AR 72762  
 Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters																					
Company Name <u>Sunray Services, Inc.</u> Address : <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone : <u>751-7024</u> FAX : <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project # : _____ Purchase Order # : _____ Sampler Name(s) : <u>Ford Benham, Kevin Hodges</u> <u>David Johnston</u> and Signature(s) : _____				<table border="1"> <tr> <td>App. I Volatiles</td> <td>App. I Sb, As, Ba, Be</td> <td>App. I Co, Se, Tl, V</td> <td>Hg</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg										
App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg																										
Sample Identification		Sample Collection				Sample Containers																							
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																					
MW #6 9509020340	<u>9509010567</u>	9-27	1150	Grab	Water	Glass	40 ml <sup>(2)</sup>	HCl	X																				
						Plastic	1/2 gal	HNO <sub>3</sub>	X X X																				
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)																									
<u>David Johnston</u>		9-28-95	1630	<u>David Johnston</u>																									
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)																									
<u>David Johnston</u>		9-30	0840	<u>David Johnston</u>																									
Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?										Results due by 10-16-95																			
Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special										This Document is Page Number <u>1</u> of <u>10</u>																			
Comments: Special Reporting format to be used.																													



Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters																					
Company Name <u>Sunray Services, Inc.</u> Address : <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone : <u>751-7024</u> FAX : <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project # : _____ Purchase Order # : _____ Sampler Name(s) : <u>Ford Benham, Kevin Hodges</u> <u>David Johnston</u> and Signature(s) : _____				<table border="1"> <tr> <td>App. I Volatiles</td> <td>App. I Sb, As, Ba, Be</td> <td>App. I Co, Se, TL, V</td> <td>Hg</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, TL, V	Hg										
App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, TL, V	Hg																										
Sample Identification		Sample Collection				Sample Containers																							
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																					
MW #7	<u>9509020341</u>	<u>9-27</u>	<u>1410</u>	<u>Grab</u>	<u>Water</u>	<u>Glass</u>	<u>40 ml<sup>(2)</sup></u>	<u>HCl</u>	X																				
						<u>Plastic</u>	<u>1/2 gal</u>	<u>HNO<sub>3</sub></u>	X X X																				
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																					
<u>Diana B. Brasher</u>		<u>9-28-95</u>	<u>16:30</u>	<u>[Signature]</u>				Results due by <u>10-16-95</u>																					
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special																					
<u>[Signature]</u>		<u>9-30</u>	<u>8:40</u>	<u>[Signature]</u>				This Document is Page Number <u>1</u> of <u>11</u>																					
Comments: Special Reporting format to be used.																													

Environmental Services Co., Inc.  
 Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.  
 Northwest Arkansas Branch  
 1107 Century Ave.  
 Springdale, AR 72762  
 Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters																	
Company Name <u>Sunray Services, Inc.</u> Address: <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone: <u>751-7024</u> FAX: <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project #: _____ Purchase Order #: _____ Sampler Name(s): <u>Ford Benham, Kevin Hodges</u> <u>David Johnston</u> and Signature(s): _____				<table border="1"> <tr> <td>App. I Volatiles</td> <td>App. I Sb, As, Ba, Be</td> <td>App. I Co, Se, Tl, V</td> <td>Hg</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>							App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg							
App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg																						
Sample Identification		Sample Collection				Sample Containers																			
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																	
MW #8 9509020342	9509010569	9-27	1440	Grab	Water	Glass	40 ml <sup>2</sup>	HCl	X																
						Plastic	½ gal	HNO <sub>3</sub>		X	X	X													
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)							Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?														
<i>David Johnston</i>		9-28-95	1630	<i>Kevin Hodges</i>							Results due by 10-16-95														
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)							Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special														
<i>Kevin Hodges</i>		9-30	845	<i>Kevin Hodges</i>							This Document is Page Number <u>1</u> of <u>12</u>														
Comments: Special Reporting format to be used.																									

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501)750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters									
Company Name <u>Sunray Services, Inc.</u> Address : <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone : <u>751-7024</u> FAX : <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project # : _____ Purchase Order # : _____ Sampler Name(s) : <u>Ford Benham, Kevin Hodges</u> <u>David Johnston</u> and Signature(s) : _____				App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg						
Sample Identification		Sample Collection		Sample Containers													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative									
MW #8-Dup. 9509020343	9509010570	9-27	1440	Grab	Water	Glass	40 ml <sup>(2)</sup>	HCl	X								
						Plastic	1/2 gal	HNO <sub>3</sub>		X	X	X					
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?									
<i>David Johnston</i>		9-28-95	1630	<i>David Johnston</i>				Results due by 10-16-95									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special									
<i>David Johnston</i>		9-30	045	<i>David Johnston</i>				This Document is Page Number <u>1</u> of <u>13</u>									
Comments: Special Reporting format to be used.																	

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters									
Company Name <u>Sunray Services, Inc.</u> Address: <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone: <u>751-7024</u> FAX: <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project #: _____ Purchase Order #: _____ Sampler Name(s): <u>Ford Benham, Kevin Hodges</u> <u>David Johnston</u> and Signature(s): _____				App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg						
Sample Identification		Sample Collection		Sample Containers													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative									
MW #10 9509020344	9509010571	9-27	1050	Grab	Water	Glass	40 ml	HCl	X								
						Plastic	1/2 gal	HNO <sub>3</sub>		X	X	X					
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?									
<i>David Johnston</i>		9-28-95	1630	<i>David Johnston</i>				Results due by 10-16-95 Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special									
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)				This Document is Page Number <u>1</u> of <u>14</u>									
<i>David Johnston</i>		9-30	845	<i>David Johnston</i>													
Comments: Special Reporting format to be used.																	

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information					Requested Parameters																															
Company Name <u>Sunray Services, Inc.</u> Address : <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone : <u>751-7024</u> FAX : <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project # : _____ Purchase Order # : _____ Sampler Name(s) : <u>Ford Benham, Kevin Hodges</u> <u>David Johnston</u> and Signature(s) : _____					<table border="1"> <tr> <td rowspan="2">App. I Volatiles</td> <td rowspan="2">App. I Sb, As, Ba, Be</td> <td rowspan="2">App. I Co, Se, Tl, V</td> <td rowspan="2">Hg</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>							App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg																					
App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg																																					
Sample Identification		Sample Collection				Sample Containers																																		
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																
MW #11 9509020345	<u>9509020345</u>	9-27	1330	Grab	Water	Glass	40 mL <sup>(2)</sup>	HCl	X																															
						Plastic	1/2 gal	HNO <sub>3</sub>		X	X	X																												
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)					Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?																															
<u>David Johnston</u>		9-28-95	1630	<u>Kevin Hodges</u>					Results due by <u>10-16-95</u>																															
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)					Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special																															
<u>David Johnston</u>		9-30	8:05	<u>Kevin Hodges</u>					This Document is Page Number <u>1</u> of <u>15</u>																															
Comments: Special Reporting format to be used.																																								

Environmental Services Co., Inc.

Corporate Office

13715 West Markham

Little Rock, AR 72211

Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.

Northwest Arkansas Branch

1107 Century Ave.

Springdale, AR 72762

Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information				Requested Parameters																																										
Company Name <u>Sunray Services, Inc.</u> Address : <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone : <u>751-7024</u> FAX : <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project # : _____ Purchase Order # : _____ Sampler Name(s) : <u>Ford Benham, Kevin Hodges</u> <u>David Johnston</u> and Signature(s) : _____				<table border="1"> <tr> <td>App. I Volatiles</td> <td>App. I Sb, As, Ba, Be</td> <td>App. I Co, Se, Tl, V</td> <td>Hg</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>							App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg									X													X	X	X								
App. I Volatiles	App. I Sb, As, Ba, Be	App. I Co, Se, Tl, V	Hg																																															
X																																																		
	X	X	X																																															
Sample Identification		Sample Collection				Sample Containers																																												
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative																																										
Equipment Blank 9509020346	9509010573	9-27	1515	Grab	Water	Glass	40 mL <sup>(2)</sup>	HCl	X																																									
						Plastic	1/2 gal	HNO <sub>3</sub>	X X X																																									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)																																														
<i>Sidney B. ...</i>		9-28-95	1630	<i>David Johnston</i>																																														
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)																																														
<i>David Johnston</i>		9-30	850	<i>David Johnston</i>																																														
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Laboratory By: (Signature and Printed Name)																																														
<i>David Johnston</i>		9-30	850	<i>David Johnston</i>																																														
Custody Seals <input checked="" type="checkbox"/> Used? <input type="checkbox"/> Intact?																																																		
Results due by 10-16-95																																																		
Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special																																																		
This Document is Page Number <u>1</u> of <u>16</u>																																																		
Comments: Special Reporting format to be used.																																																		



Environmental Services Co., Inc.  
 Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501) 221-2565 Fax (501) 221-1341

# Chain of Custody

Environmental Services Co., Inc.  
 Northwest Arkansas Branch  
 1107 Century Ave.  
 Springdale, AR 72762  
 Tel. (501) 750-1170 Fax (501) 750-1172

Client Information				Project Information					Requested Parameters									
Company Name <u>Sunray Services, Inc.</u> Address: <u>P. O. Box 1310</u> <u>Springdale, AR 72765</u> Telephone: <u>751-7024</u> FAX: <u>751-7924</u> Client Number: <u>1123</u>				Permit / Project #: _____ Purchase Order #: _____ Sampler Name(s): <u>F. Benham</u> and Signature(s): _____					TCIP Volatiles	TCIP Semi-Volatiles	TCIP As. Se. Ag. Cr.	TCIP Pb. Cd. Hg. Ba	TCIP Herbicides	TCIP Pesticides				
Sample Identification		Sample Collection			Sample Containers													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative										
<u>9510020045</u>		<u>10-4</u>	<u>1030</u>	<u>Grab</u>	<u>Leachate</u>	<u>Glass</u>	<u>40 ml(4)</u>	<u>HCl</u>	X									
<u>Transfer Station</u>						<u>Glass</u>	<u>1 qt(4)</u>	<u>None</u>		X	X	X	X	X				
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Custody Seals <input type="checkbox"/> Used? <input type="checkbox"/> Intact?										
<u>Kidney R. Brasher</u>		<u>10-4-95</u>	<u>1600</u>					Results due by <u>10-24-95</u>										
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Turn-around <input type="checkbox"/> Regular <input checked="" type="checkbox"/> Special										
								This Document is Page Number <u>1</u> of <u>1</u>										
Comments: <u>Special reporting format to be used.</u>																		