

**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY  
MONITORING REPORT FOR DECENTRALIZED WASTEWATER TREATMENT FACILITIES VIA DRIP IRRIGATION  
MONTHLY MONITORING REPORT**

**PERMITTEE NAME**  
Town Of Highfill

**FACILITY NAME (IF DIFFERENT)**  
Highfill Wastewater Treatment Facility

**PERMIT NO.**  
4911-W

**PERMITTEE ADDRESS**  
15036 W Hwy 12  
Highfill, AR 72734-9998


**FACILITY ADDRESS**  
13437 W Hwy 264  
Highfill, AR 72734

**AFIN NO.**  
04-01688

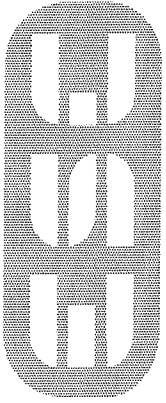
MAKE ADDITIONAL COPIES OF THIS FORM FOR FUTURE USE. SUBMIT LAB ANALYSES WITH THIS FORM.

**WASTEWATER EFFLUENT MONITORING PERIOD**  
MM/DD/YYYY FROM 09/01/2010 TO 09/30/2010

**TREATED WASTEWATER EFFLUENT SAMPLING**

PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT	UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	*****	4.0	MG/L	ONCE/MONTH	GRAB
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	<2.0	MG/L	ONCE/MONTH	GRAB
PH EFFLUENT GROSS VALUE	6 to 9	7.3	S.U.	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	<2.0	MG/L	ONCE/MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	*****	<0.1	MG/L	ONCE/MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	<2	N/100 ML	ONCE/MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL 14563	MGD	ONCE/MONTH	TOTAL FLOW
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		DAILY MAX 1488		TELEPHONE	DATE
Frank Holzkomper Water/Wastewater Manager				479 936-4646	10/04/2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER
				479	936-4646
				MM/DD/YYYY	MM/DD/YYYY

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)



Environmental Services Company, Inc.  
 Corporate Office  
 13715 West Markham P.O. Box 55146  
 Little Rock, AR 72211 Little Rock, AR 72215  
 website: [www.esclabs.com](http://www.esclabs.com)

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

# CHAIN OF CUSTODY

Phone: 501-221-2565 Fax: 501-221-1341 Client Information Project Information Requested Parameters

Company Name: Highfill		Permit/Project #:		Requested Parameters			
Address: 11978 Highfill Ave.		Purchase Order #:		CBOD, TSS			
Telephone: Gentry AR 72764		Sampler Name(s): Sam J. Isaacks		Fecal Coliform			
FAX: (479) 736-5921		and Signature(s): <i>[Signature]</i>		NH <sub>3</sub> P			
ESC Client Number: 1951							
Sample Identification		Sample Collection			Sample Containers		
Identification	ESC Control #	Date	Time	Type	Matrix	Type	
Effluent	100926192	9/15/10	1350	Grab	Water	Teflon	
				Grab	Water	whirlpak	
				Grab	Water	Plastic	
				Grab	Water	Plastic	
Cool all samples to 6 degrees C.							
Relinquished By: (Signature and Printed Name) <i>[Signature]</i> Date: 9/15/10 Time: 1315							
Relinquished By: (Signature and Printed Name) <i>[Signature]</i> Date: 9/15/10 Time: 1315							
Relinquished By: (Signature and Printed Name) <i>[Signature]</i> Date: 9/15/10 Time: 1315							
Comments:							
pH:		1356		Date: 9/15/10		Time: 1515	
Temp.:				Date: 1356		Time: 502	
Reading:				Date: 1356		Time: 502	
Units:				Date: 1356		Time: 502	
Cool all samples to 6 degrees C.							
Chlorinated? Yes No							
This Document is Page 1 of 1							

# Environmental Services Company, Inc.

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

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479) 750-1170 Fax (479) 750-1172

Control Number: 1009020192  
 Customer Name : HIGHFILL WWTP  
 Customer Number : 1951  
 Report Date : 09/23/10  
 Sample Date : 09/15/10  
 Sample Time : 1350  
 Sample Type : GRAB  
 Sample From : EFFLUENT

Collected By: SJI  
 Delivery By : SJI  
 Work Order :  
 Purchase Order :

### Laboratory Analysis

Analysis		Result		Notes	Quantity	Method	Precision	Quality Assurance
Date	Time By	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
09/16	0800 MDR	Ammonia Nitrogen	< 0.1 mg/L			SM 18th 4500-NH3 G	3.39	97.8 *
09/15	1356 SJI	pH	7.3 S.U.			SM 18th 4500-H+ B	0.00	N/A *
09/16	0800 MDR	Phosphorous, Total (as P)	4.0 mg/L			EPA 365.3	2.41	104.4 *
09/17	1526 SJI	Solids, Total Suspended	< 2.0 mg/L			SM 18th 2540D	0.00	N/A *
09/15	1605 RJS	Coliform, Fecal	< 2 /100ml			SM 18th 9222D	0.00	N/A *
09/15	1523 SJI	BOD, Carbonaceous	< 2.0 mg/L			SM 18th 5210B	0.00	108.0 *

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

All equipment used is checked and/or calibrated daily. All NPDES 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. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature Richard Broom  
 Environmental Services Co., Inc.