

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

<b>PERMITTEE NAME</b> Greenfield Capital Development	<b>FACILITY NAME (IF DIFFERENT)</b> Sloan Estates	<b>PERMIT NO.</b> 4837-WR-2
NEW PERMIT IN THE PROCESS OF BEING APPLIED FOR BY SLOAN ESTATES POA		
<b>PERMITTEE ADDRESS</b> PO Box 9299 Fayetteville, AR 72703	<b>FACILITY ADDRESS</b> 5088 E Sagely WC AR	<b>AFIN NO.</b> 72-01074
<b>WASTEWATER EFFLUENT MONITORING PERIOD</b>		
FROM	MM/DD/YYYY	TO
	11/1/2014	11/30/2014

TREATED WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	*****	6		MG/L	ONCE/ MONTH	GRAB
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	3		MG/L	ONCE/ MONTH	GRAB
PH EFFLUENT GROSS VALUE	6 to 9	7.4		S.U.	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	< 2		MG/L	ONCE/ MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	*****	5.5		MG/L	ONCE/ MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	4,900		N/100 ML	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		54,357				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.			TELEPHONE		DATE
Kathryn Bartlett				479 530-5926		12/2/2014
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA CODE	NUMBER	MM/DD/YYYY

**COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)**

## 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: 1411020306  
 Customer Name : GREENFIELD CAP DEV-SLOAN EST.  
 Customer Number : 1678  
 Report Date : 11/25/14

Sample Date : 11/19/14  
 Sample Time : 1150  
 Sample Type : GRAB-SLOAN  
 Sample From : EFFLUENT

Collected By: KIK  
 Delivery By : KIK  
 Work Order :  
 Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
Analysis			Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time	By					Parameter	% RPD
11/20	0900	TSB	Ammonia Nitrogen	5.5 mg/L		SM 1997 4500-NH3 F	0.00	100.4 *
11/19	1150	KIK	pH	7.4 S.U.		SM 2000 4500-H+ B	0.00	N/A *
11/20	1400	TSB	Phosphorous, Total (as P)	6.0 mg/L		EPA 365.3	0.00	99.7 *
11/19	1415	TSB	Solids, Total Suspended	< 2.0 mg/L		SM 1997 2540 D	0.00	N/A *
11/19	1605	KIK	Coliform, Fecal	4900 /100ml		SM 1997 9222 D	15.38	N/A *
11/19	1345	KIK	BOD, Carbonaceous	3.0 mg/L		SM 2001 5210 B	0.00	94.0 *

\* 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 Brown*  
 Environmental Services Co., Inc.

