

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

4837-WR-2

PERMITTEE NAME Greenfield Capital Development	FACILITY NAME (IF DIFFERENT) Sloan Estates	PERMIT NO. 4837-W
NEW PERMIT IN THE PROCESS OF BEING APPLIED FOR BY SLOAN ESTATES POA		
PERMITTEE ADDRESS PO Box 9299 Fayetteville, AR 72703	FACILITY ADDRESS 5088 E Sagely WC AR	AFIN NO. 72-01074

WASTEWATER EFFLUENT MONITORING PERIOD	
FROM MM/DD/YYYY 10/1/2014	TO MM/DD/YYYY 10/31/2014

TREATED WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	*****	4.1		MG/L	ONCE/ MONTH	GRAB
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	8		MG/L	ONCE/ MONTH	GRAB
PH EFFLUENT GROSS VALUE	6 to 9	6.7		S.U.	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	9		MG/L	ONCE/ MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	*****	7.5		MG/L	ONCE/ MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	5,700		N/100 ML	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		112,071				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I 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	11/5/2014
TYPED OR PRINTED						AREA CODE
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Kathryn Bartlett</i>						

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: 1410020281	Sample Date : 10/15/14	Collected By: KIK
Customer Name : GREENFIELD CAP DEV-SLOAN EST.	Sample Time : 0935	Delivery By : KIK
Customer Number : 1678	Sample Type : GRAB SLOAN	Work Order :
Report Date : 10/24/14	Sample From : EFFLUENT	Purchase Order :

Laboratory Analysis

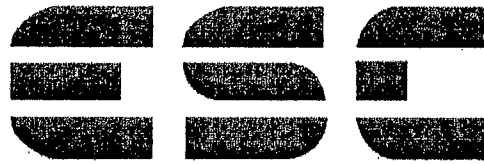
Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
10/20	1130	TSB	Ammonia Nitrogen	7.5 mg/L			SM 1997 4500-NH3 F	0.00	100.5 *
10/15	0935	KIK	pH	6.7 S.U.			SM 2000 4500-H+ B	1.57	N/A *
10/20	0830	TSB	Phosphorous, Total (as P)	4.1 mg/L			EPA 365.3	2.74	102.0 *
10/22	1000	KIK	Solids, Total Suspended	9.0 mg/L			SM 1997 2540 D	5.13	N/A *
10/15	1630	KIK	Coliform, Fecal	5700 /100ml			SM 1997 9222 D	0.00	N/A *
10/15	1530	RHB	BOD, Carbonaceous	8.0 mg/L			SM 2001 5210 B	40.00	95.6 *

* 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.

Environmental Services Company, Inc.
 Northwest Arkansas
 1107 Century Street
 Springdale, Arkansas 72762
 website: www.esclabs.com



Corporate Office, Little Rock, Arkansas
 501-221-2565
 Carlsbad, New Mexico
 575-887-1ESC

Phone: 479-750-1170 Fax: 479-750-1172

CHAIN OF CUSTODY

Client Information						Project Information					Requested Parameters									
Company Name:		Greenfield Cap. Dev.-Sloan Estates				Permit/Project #:					pH (23)	Phos(25), NH ₃ -N (15.A)	CBOD (70), TSS (28)	F. COLIFORM (43)						
Address:		1849 Trillium Lane Fayetteville, Ar 72704				Purchase Order #:														
Telephone:		(479)936-0333 (Cell)				Sampler Name(s):		Kyle K. Brown												
Telephone:						and Signature(s):														
ESC Client Number:		1678																		
Sample Identification		Sample Collection				Sample Containers														
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#											
EFFLUENT	1410020281	10-15-14	0935	GRAB	Water	teflon	150 ml	none	1	x										
EFFLUENT	2	1	1	GRAB	Water	Plastic	8 oz	H ₂ SO ₄ , pH<2	1		x									
EFFLUENT	2	1	1	GRAB	Water	Plastic	1 qt	none/ice	1			x								
EFFLUENT	2	1	1	GRAB	Water	Whirlpak	125 ml	Na ₂ S ₂ O ₃	1				x							
Cool all samples to 6 degrees C.																				
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:		Used?	<input checked="" type="checkbox"/>	Intact?	<input type="checkbox"/>							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:		Regular	<input checked="" type="checkbox"/>	Special	<input type="checkbox"/>							
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:		Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>							
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units								
						Analyst:	pH:	0935	KSK	6.7										
						Time:	Temp.:						°C	°F						
						Reading:	DO:													
						Units:	Debris:													
Cool all samples to 6 degrees C.						Chlorinated?		Yes	No	This Document is Page			of							