

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

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 3/1/2015 TO MM/DD/YYYY 3/31/2015

TREATED WASTEWATER EFFLUENT SAMPLING

PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	*****	4.7		MG/L	ONCE/MONTH	GRAB
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	5		MG/L	ONCE/MONTH	GRAB
PH EFFLUENT GROSS VALUE	6 to 9	7		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	*****	7.4		MG/L	ONCE/MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	2,100		N/100 ML	ONCE/MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/MONTH	TOTAL FLOW
		90,385				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Kathryn Bartlett
TYPED OR PRINTED

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.

Kenneth Berry
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
479 530-5926

DATE
4/8/2015

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: 1503020230
 Customer Name : GREENFIELD CAP DEV-SLOAN EST.
 Customer Number : 1678
 Report Date : 03/25/15

Sample Date : 03/18/15
 Sample Time : 0820
 Sample Type : GRAB SLOAN
 Sample From : EFFLUENT

Collected By: WDS
 Delivery By : WDS
 Work Order :
 Purchase Order :

Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
03/19	0930	TSB	Ammonia Nitrogen	7.4 mg/L			SM 1997 4500-NH3 F	0.00	101.5 *
03/18	0820	WDS	pH	7.0 S.U.			SM 2000 4500-H+ B	0.00	N/A *
03/19	1300	TSB	Phosphorous, Total (as P)	4.7 mg/L			EPA 365.3	0.00	100.4 *
03/24	0930	TSB	Solids, Total Suspended	< 2.0 mg/L			SM 1997 2540 D	0.00	N/A *
03/18	1200	TSB	Coliform, Fecal	2100 /100ml			SM 1997 9222 D	0.00	N/A *
03/18	1230	TSB	BOD, Carbonaceous	5.0 mg/L			SM 2001 5210 B	0.00	91.7 *

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

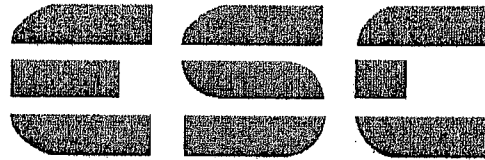
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of 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 #:		Purchase Order #:		Sampler Name(s):		and Signature(s):		pH (23)	Phos(25), NH ₃ -N (15.A)	CBOD (70), TSS (28)	F. COLIFORM (43)					
Address: 1849 Trillium Lane		Fayetteville, Ar 72704		Telephone: (479)936-0333 (Cell)		Telephone:												
ESC Client Number: 1678																		
Sample Identification			Sample Collection			Sample Containers												
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#									
EFFLUENT	1503020230	3-18-15	8:20	GRAB	Water	teflon	150 ml	none	1	x								
EFFLUENT	I	I	I	GRAB	Water	Plastic	8 oz	H ₂ SO ₄ , pH<2	1		x							
EFFLUENT	I	I	I	GRAB	Water	Plastic	1 qt	none/ice	1			x						
EFFLUENT	I	I	I	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:										
Wade Schmitt		3-18-15	9:05	Richard Brown		3-18-15	0905	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:										
				Richard Brown		3-18-15	0905	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>								
Comments:						FLOW DATA	Field Test	(Time)	Analyst	Result	Result	Units						
						Analyst:	pH:	8:20	WDS	7								
						Time:	Temp.P.H.	8:20	WDS	7			°C	°F				
						Reading:	DO:											
						Units:	Debris:											
Cool all samples to 6 degrees C.						Chlorinated? Yes No			This Document is Page ___ of ___									