

**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 TO MM/DD/YYYY
5/1/2014 TO 5/31/2014

TREATED WASTEWATER EFFLUENT SAMPLING

PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	*****	6.1		MG/L	ONCE/ MONTH	GRAB
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	4		MG/L	ONCE/ MONTH	GRAB
PH EFFLUENT GROSS VALUE	6 to 9	6.8		S.U.	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	5		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	1,400		N/100 ML	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		62,973				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Kathryn Bartlett	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.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE
			479	530-5926	6/4/2014
TYPED OR PRINTED			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: 1405020388

Sample Date : 05/21/14

Collected By: WDS

Customer Name : GREENFIELD CAP DEV-SLOAN EST.

Sample Time : 0830

Delivery By : WDS

Customer Number : 1678

Sample Type : GRAB SLOAN

Work Order :

Report Date : 05/28/14

Sample From : EFFLUENT

Purchase Order :

Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
05/22	0900	TSB	Ammonia Nitrogen	5.5 mg/L			SM 1997 4500-NH3 F	4.08	96.0
05/21	0830	WDS	pH	6.8 S.U.			SM 2000 4500-H+ B	0.00	N/A *
05/27	0800	TSB	Phosphorous, Total (as P)	6.1 mg/L			EPA 365.3	2.00	104.0 *
05/22	0945	KIK	Solids, Total Suspended	5.0 mg/L			SM 1997 2540 D	15.38	N/A *
05/21	1430	VLP	Coliform, Fecal	1400 /100ml			SM 1997 9222 D	0.00	N/A *
05/21	1300	KIK	BOD, Carbonaceous	4.0 mg/L			SM 2001 5210 B	0.00	96.2 *

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

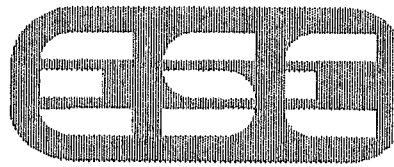
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature



Environmental Services Co., Inc.

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



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

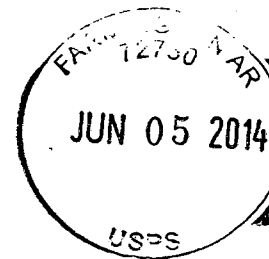
Phone: 501-221-2565 Fax: 501-221-1341

CHAIN OF CUSTODY

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

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):		Wade Schmit												
Telephone:						and Signature(s):		<i>Wade Schmit</i>												
ESC Client Number:		1678																		
Sample Identification			Sample Collection			Sample Containers														
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#											
EFFLUENT	1405020382	5-21-14	8:30	GRAB	Water	teflon	150 ml	none	1	x										
EFFLUENT				GRAB	Water	Plastic	8 oz	H ₂ SO ₄ , pH<2	1		x									
EFFLUENT				GRAB	Water	Plastic	1 qt	none/ice	1			x								
EFFLUENT				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:												
<i>Wade Schmit</i>		5-21-14	9:40	<i>Richard Brown</i>				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:												
				<i>Richard Brown</i>		5-21-14	0940	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>										
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units								
						Analyst:	pH:	8:30	WDS	6.8										
						Time:	Temp.:						°C	°F						
						Reading:	DO:													
						Units:	Debris:													
Cool all samples to 6 degrees C.						Chlorinated? Yes No			This Document is Page ___ of ___											

GCD
P.O. Box 9299
Fayetteville, AR 72703



ADEQ Water Division
Permits Branch
5301 Northshore Dr
N Little Rock, AR 72118-5317

