

**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

**AFININO**  
 72-01074

**WASTEWATER EFFLUENT MONITORING PERIOD**  
 FROM MM/DD/YYYY TO MM/DD/YYYY  
 7/1/2014 TO 7/31/2014

**TREATED WASTEWATER EFFLUENT SAMPLING**

PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	*****	7.2		MG/L	ONCE/MONTH	GRAB
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	< 2		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	4		MG/L	ONCE/MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	*****	5.6		MG/L	ONCE/MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	168		N/100 ML	ONCE/MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/MONTH	TOTAL FLOW
		46,681				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM AWARE 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
Kathryn Bartlett			479	530-5926	8/6/2014
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: 1407020240

Sample Date : 07/18/14

Collected By: WDS

Customer Name : GREENFIELD CAP DEV-SLOAN EST.

Sample Time : 0800

Delivery By : WDS

Customer Number : 1678

Sample Type : GRAB SLOAN

Work Order :

Report Date : 07/25/14

Sample From : EFFLUENT

Purchase Order :

### Laboratory Analysis

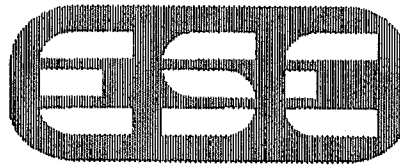
Analysis			Laboratory Analysis				Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
07/24	1000	TSB	Ammonia Nitrogen	5.6 mg/L			SM 1997 4500-NH3 F	2.60	98.2
07/18	0800	WDS	pH	6.8 S.U.			SM 2000 4500-H+ B	0.00	N/A *
07/24	0815	TSB	Phosphorous, Total (as P)	7.2 mg/L			EPA 365.3	1.31	97.4 *
07/24	1100	KIK	Solids, Total Suspended	4.0 mg/L			SM 1997 2540 D	0.00	N/A *
07/18	1400	KIK	Coliform, Fecal	168 /100ml			SM 1997 9222 D	0.00	N/A *
07/18	1315	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	16.67	97.9 *

\* 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.  
 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 <sub>3</sub> -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 Schmitt											
Telephone:						and Signature(s):		[Signature]											
ESC Client Number:		1678																	
Sample Identification		Sample Collection				Sample Containers													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#										
EFFLUENT	1407020240	7-18-14	8:00	GRAB	Water	teflon	150 ml	none	1	x									
EFFLUENT				GRAB	Water	Plastic	8 oz	H <sub>2</sub> SO <sub>4</sub> , pH<2	1		x								
EFFLUENT				GRAB	Water	Plastic	1 qt	none/ice	1			x							
EFFLUENT				GRAB	Water	Whirlpak	125 ml	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	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:	8:00	WAS	6.8									
						Time:	Temp.:												
						Reading:	DO:												
						Units:	Debris:												
Cool all samples to 6 degrees C.										Chlorinated? Yes No		This Document is Page ___ of ___							