

**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 6/1/2014 TO MM/DD/YYYY 6/30/2014

**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	5		MG/L	ONCE/MONTH	GRAB
PH EFFLUENT GROSS VALUE	6 to 9	7.2		S.U.	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	13		MG/L	ONCE/MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	*****	6.2		MG/L	ONCE/MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	103		N/100 ML	ONCE/MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/MONTH	TOTAL FLOW
		45,210				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Kathryn Bartlett  TYPED OR PRINTED	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  479 530-5926  AREA CODE NUMBER	DATE  7/5/2014  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: 1406020313  
 Customer Name : GREENFIELD CAP DEV-SLOAN EST.  
 Customer Number : 1678  
 Report Date : 06/24/14

Sample Date : 06/18/14  
 Sample Time : 0625  
 Sample Type : GRAB SLOAN  
 Sample From : EFFLUENT

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

### Laboratory Analysis

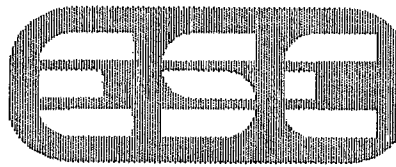
<u>Analysis</u>							<u>Quality Assurance</u>		
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
								<u>% RPD</u>	<u>% Recovery</u>
06/23	1330	TSB	Ammonia Nitrogen	6.2 mg/L			SM 1997 4500-NH3.F	1.77	99.0 *
06/18	0625	WDS	pH	6.6 S.U.			SM 2000 4500-H+ B	0.00	N/A *
06/23	1100	TSB	Phosphorous, Total (as P)	7.2 mg/L			EPA 365.3	2.06	101.0
06/19	1000	KIK	Solids, Total Suspended	13.0 mg/L			SM 1997 2540 D	8.00	N/A *
06/18	1145	VLP	Coliform, Fecal	103 /100ml			SM 1997 9222 D	4.17	N/A *
06/18	1100	TSB	BOD, Carbonaceous	5.0 mg/L			SM 2001 5210 B	0.00	100.0 *

\* 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.

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

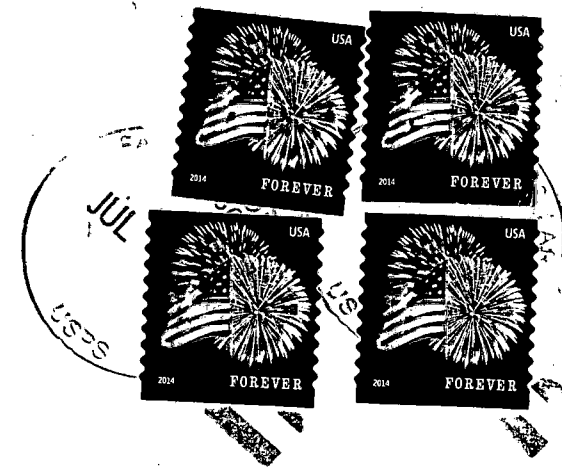
Phone: 501-221-2565 Fax: 501-221-1341

### 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):		Wide Sight													
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	1406020313	6-18-14	6:25	GRAB	Water	teflon	150 ml	none	1	x											
EFFLUENT	I			GRAB	Water	Plastic	8 oz	H <sub>2</sub> SO <sub>4</sub> , pH<2	1		x										
EFFLUENT	I			GRAB	Water	Plastic	1 qt	none/ice	1			x									
EFFLUENT	I			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 type="checkbox"/>		Intact? <input type="checkbox"/>									
		6-18-14	8:25					Turnaround:		Regular <input type="checkbox"/>		Special <input type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:		Yes <input type="checkbox"/>		No <input type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time														
						6-18-14	0825														
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units									
						Analyst:	pH:	6:25	WAS	6.6											
						Time:	Temp.:														
						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

