

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

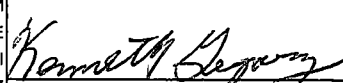
PERMITTEE NAME
Sloan Estates Property Owners Association
PERMITTEE ADDRESS
PO Box 10918 Fayetteville AR 72703

FACILITY NAME (IF DIFFERENT)
Sloan Estates Subdivision
FACILITY ADDRESS
5088 E Sagely Lane Fayetteville AR 72703

PERMIT NO.
4837-WR-2
AFIN NO.
72-01074

WASTEWATER EFFLUENT MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 12/1/2015	12/31/2015

TREATED WASTEWATER EFFLUENT SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	REPORT	3.8		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	6.7		S.U.	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	5.7		MG/L	ONCE/ MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	REPORT	6.2		MG/L	ONCE/ MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	10,000	2,000		colonies/100ml	ONCE/ MONTH	GRAB
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE	REPORT	9.5		MG/L	ONCE/ MONTH	GRAB
NITRATE NITROGEN EFFLUENT GROSS VALUE	REPORT	6.69		MG/L	ONCE/ MONTH	GRAB
NITRITE NITROGEN EFFLUENT GROSS VALUE	REPORT	0.131		MG/L	ONCE/ MONTH	GRAB
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE	REPORT	14		MG/L	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	REPORT	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		213,158	17,723			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE
			479	530-5926	1/7/2015
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: 1512020203
 Customer Name : GREENFIELD CAP DEV-SLOAN EST.
 Customer/Permit No. : 1678 / 4837-WR-2
 Report Date : 12/23/15

Sample Date : 12/16/15
 Sample Time : 0920
 Sample Type : GRAB
 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
12/18	0930	RHB	Ammonia Nitrogen	6.2 mg/L			SM 1997 4500-NH3 F	0.00	106.4 *
12/18	0830	MDR	Kjeldahl Nitrogen Total	9.50 mg/L			SM 1997 4500-NorgB	0.00	103.3 *
12/17	1400	TSB	Nitrate Nitrogen	6.69 mg/L			SM 2000 4500-NO3 E	0.79	102.5 *
12/16	1515	TSB	Nitrite Nitrogen	0.131 mg/L			SM 2000 4500 NO2 B	0.00	100.4 *
12/16	0920	WDS	pH	6.7 S.U.			SM 2000 4500-H+ B	0.00	N/A *
12/23	1130	RHB	Phosphorous, Total (as P)	3.8 mg/L			EPA 365.3	0.00	99.5 *
12/17	0830	MDR	Solids, Total Suspended	5.7 mg/L			SM 1997 2540 D	12.39	N/A
12/16	1600	RHB	Coliform, Fecal	2000 /100ml			SM 1997 9222 D	0.00	N/A *
12/16	1200	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	0.00	105.7 *
12/17	1200	MDR	Solids, % Total by mass	0.027 %			SM 1997 2540 G	11.43	N/A *
12/22	1005	RHB	Nitrogen, Plant Available	14.0 mg/L			SM 1997 4500-N		

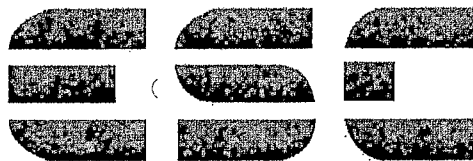
* QA data shown is from a different sample or standard on the same date.

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.
 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)	Fecal Coliform(43)	CBOD(70), TSS(28), NO2(19)	PAN(99.99), %Solids(82)	TKN(16.A), NO3(18)	NH3(15.A), Phos(25)
Address:		1849 Trillium Lane Fayetteville, Ar 72704		Purchase Order #:											
Telephone:		(479)936-0333 (Cell)		Sampler Name(s):		Wade Schmitt									
FAX:				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	1512020203	12-16-15	9:20	Grab	Water	Teflon	150 ml	none	1	X					
EFFLUENT				Grab	Water	whirlpak	300 ml	none/ice	1		X				
EFFLUENT				Grab	Water	Plastic	1 qt	none/ice	1			X	X		
EFFLUENT				Grab	Water	Plastic	8 oz	H ₂ SO ₄ , pH <2	1					X	X
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"/>					
[Signature]		12-16-15	11:25	[Signature]				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"/>					
[Signature]				Richard Brown RICHARD BROWN		12-16-15	11:25								
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units			
						Analyst:	pH:	9:20	WDS	6.7					
						Time:	Temp.:	9:20	WDS	14.4		°C °F			
						Reading:	DO:								
						Units:	Debris:								
Cool all samples to 6 degrees C.						Chlorinated? Yes No				This Document is Page ___ of ___					