ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY

MONITORING REPORT FOR DECENTRALIZED WASTEWATER TREATMENT FACILITIES VIA DRIP IRRIGATION MONTHLY MONITORING REPORT

PERMITITEEINAME
Greenfield Capital Development
NEW PERMIT IN THE PROCESS OF BEING APPLI

PERMITTEE'ADDRESS

PO Box 9299

Fayetteville, AR 72703

PLIED FOR BY SLOAN ESTATES POA

FACILITY/NAME!(IF/DIFFERENT)

PERMITINO.
4837-W

FACILITY/ADDRESS 5088 E Sagely WC AR 72-01074

 WASTEWATER EFF.L'UENT:MONITORING:PERIOD

 MM/DD/YYYY
 MM/DD/YYYY

 FROM
 3/1/2014
 TO
 3/31/2014

		TREATEDWASTEV	VATER EFFLUENT SAMPLIN	G		
PARAMET	ER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT	UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE		****	3.9	MG/L	ONCE/ MONTH	GRAB
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE		15	7	MG/L	ONCE/ MONTH	GRAB
PH EFFLUENT GROSS VALUE	,	6 to 9	7.6	S.U.	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE		15	17.6	MG/L	ONCE/ MONTH	GRAB
NITROGEN, AMMONIA TOTAL (EFFLUENT GROSS VALUE	AS N)	*****	4	MG/L	ONCE/ MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE		10,000	1,000	N/100 ML	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TRE EFFLUENT GROSS VALUE	ATMENT UNIT	*****	MONTHLY TOTAL DAILY MAX 71,524	GPD	ONCE/ MONTH	TOTAL FLOW
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		LAW THAT I HAVE PERSONALLY EX	l _	•	TELEPHONE	DATE
Kathryn Bartlett	INDIVIDUALS IMMEDIATELY REBELIEVE THE SUBMITTED INFOR	ITED HEREIN; AND BASED ON MY INC SPONSIBLE FOR OBTAINING THE MATION IS TRUE, ACCURATE, AND (INFORMATION, I SIGNATURE	DE PRINCIPAL	479 530-5926	4/8/2014
TYPED OR PRINTED		GIGNIFICANT PENALTIES FOR SUB POSSIBILITY OF FINE AND IMPRISONM	LALCOTTYL	EXECUTIVE OFFICER OR AUTHORIZED AGENT		MM/DD/YYYY

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

TSS was over permit by 2.4 mg/l, we feel due to sample being pulled directly after a field flush cycle from Drip Irrigation Field, which stired the pump tank. We will monitor for improvements, and report.

ADEQ Form

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: 1403020261

Customer Name : GREENFIELD CAP DEV-SLOAN EST.

Customer Number : 1678 Report Date : 03/27/14 Sample Date : 03/19/14

Sample Time : 0825

Sample Type : GRAB - SLOAN Sample From : EFFLUENT SLOAN Collected By: WDS Delivery By : WDS

Work Order : Purchase Order :

Analycia		<u>Laboratory Analysis</u>		Quality A	Assurance
	Parameter Ammonia Nitrogen pH Phosphorous, Total (as P) Solids, Total Suspended Coliform, Fecal	Result Notes Quantity 4.0 mg/L 7.6 S.U. 3.9 mg/L 17.6 mg/L	Method SM 1997 4500-NH3 F SM 18th 4500-H+ B EPA 365.3 SM 1997 2540D	Precision	Accuracy % Recover 95.0 N/A 100.0 N/A
03/19 1400 RHB BOD, Carbonaceous	1000 /100ml 7.0 mg/L	1997 SM 9222 D SM 2001 5210B	0.00 7.41	N/A 106.5	

* 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.

CORRECTED

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: 1403020261

Customer Name : GREENFIELD CAP DEV-SLOAN EST.

Customer Number : 1678
Report Date : 03/27/14

Sample Date : 03/19/14

Sample Time : 0825 Sample Type : GRAB - SLOAN

Sample Type : GRAB - SLOAN
Sample From : EFFLUENT SLOAN

Collected By: WDS Delivery By : WDS

Work Order : Purchase Order :

<u>Laboratory Analysis</u>				Quality Assurance	
Analysis				Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result Notes Quantity	Method	% RPD	% Recover
03/25 1530 TSB	Ammonia Nitrogen	4.0 mg/L	SM 1997 4500-NH3 F	9.47	95.0
03/19 0825 WDS	рH	7.6 S.U.	SM 18th 4500-H+ B	0.00	N/A
03/26 1000 TSB	Phosphorous, Total (as P)	3.9 mg/L	EPA 365.3	8.51	100.0
03/21 1500 KIK	Solids, Total Suspended	30.0 mg/L	SM 1997 2540D	0.00	N/A
03/19 1450 VLP	Coliform, Fecal	1000 /100ml	1997 SM 9222 D	0.00	N/A
03/19 1400 RHB	BOD, Carbonaceous	7.0 mg/L	SM 2001 5210B	7.41	106.5

* 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

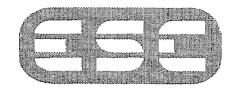
Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565

Fax: 501-221-1341



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

CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172 Client Information Project Information Requested Parameters Greenfield Cap. Dev.-Sloan Estates Company Name: Permit/Project #: Address: 1849 Trillium Lane Purchase Order #: Favetteville, Ar 72704 Phos(25), NH₃-N (15.A) Telephone: (479)936-0333 Sampler Name(s): CBOD (70), TSS (28) (Cell) COLIFORM (43) Telephone: and Signature(s): ESC Client Number: 1678 Sample Identification Sample Collection Sample Containers 표 Identification ESC Control # Date Time Matrix Volume Preservative Type Type 8:25 1403020261 3-19-14 **EFFLUENT GRAB** Water 150 ml X teflon none **EFFLUENT GRAB** X Water Plastic H₂SO₄,pH<2 8 oz **EFFLUENT GRAB** Water Plastic 1 at none/ice X **EFFLUENT** GRAB Water Whirlpak 125 ml Na₂S₂O₃ X Cool all samples to 6 degrees C. Received By: (Signature and Printed Name) Custody Seals: 10:30 Used? Intact? Received By: (Signature and Printed Name) Date Turnaround Regular Special Received for Lab By: (Signature and Printed Name)
Kuchuz~d BMM Ri CHAZD BROWN Relinquished By: (Signature and Printed Name) Date 3-19-14 Time /0.30 Were samples properly preserved: FLOW DATA Comments: Field Test Time Analyst Result Result Units Analyst: pH: 7:25 WAS 7,6 Time: Temp.: DO: Reading: Units: Debris: Cool all samples to 6 degrees C. This Document is Page Chlorinated? Yes No.

GCD P.O. Box 9299 Fayetteville, AR 72703 APR 0 9 2014

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