

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 3/1/2014 TO MM/DD/YYYY 3/31/2014

TREATED WASTEWATER EFFLUENT SAMPLING

PARAMETER	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 (AS N) EFFLUENT GROSS VALUE	*****	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 TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/MONTH	TOTAL FLOW
		71,524				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE		DATE
Kathryn Bartlett		479	530-5926	4/8/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL 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.

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

Sample Date : 03/19/14

Collected By: WDS

Customer Name : GREENFIELD CAP DEV-SLOAN EST.

Sample Time : 0825

Delivery By : WDS

Customer Number : 1678

Sample Type : GRAB - SLOAN

Work Order :

Report Date : 03/27/14

Sample From : EFFLUENT SLOAN

Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>			
<u>Analysis</u>						<u>Precision</u>	<u>Accuracy</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>% RPD</u>	<u>% Recover</u>
03/25	1530	TSB	Ammonia Nitrogen	4.0 mg/L			SM 1997 4500-NH3 F	9.47	95.0
03/19	0825	WDS	pH	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	17.6 mg/L			SM 1997 2540D	15.38	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.

CORRECTED

Signature



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Customer Number : 1678	Sample Type : GRAB - SLOAN	Work Order :
Report Date : 03/27/14	Sample From : EFFLUENT SLOAN	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>
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03/19	0825	WDS	pH	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

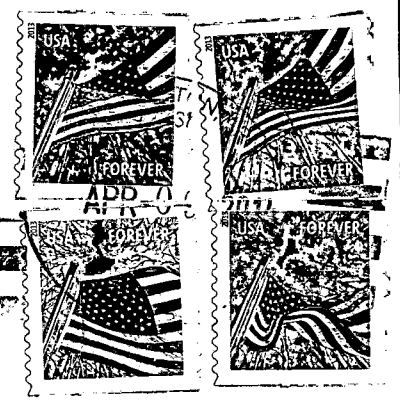
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Signature Richard Broom
 Environmental Services Co., Inc.

GCD
P.O. Box 9299
Fayetteville, AR 72703

APR 09 2014
USPS



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

