

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

PERMITTEE NAME
Waterford Estates at Hissom Ranch POA

FACILITY NAME (IF DIFFERENT)
Waterford Estates at Hissom Ranch POA

PERMIT NO.
4815-WR-1

PERMITTEE ADDRESS
3567 W New Hope Rd Rogers, AR 72758


FACILITY ADDRESS
2323 W Bowen Blvd Fayetteville, AR 72703

AFIN NO.
72-00974

WASTEWATER EFFLUENT MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 11/1/2015	11/30/2015

TREATED WASTEWATER EFFLUENT SAMPLING

PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	*****	4.4		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	7.5		S.U.	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	2.0		MG/L	ONCE/ MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	*****	12.5		MG/L	ONCE/ MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	2,000	450.0		N/100 ML	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		823,630	34,460			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Kathryn Bartlett	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	5305926	12/2/2015
TYPED OR PRINTED			AREA CODE	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

We have noticed water ponding on the drip field, and have contacted the POA to obtain approval to have this problem repaired. ADEQ will be receiving a letter addressing this issue soon or before this report is received with the CAP.

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: 1511020243
Customer Name : GREENFIELD CAP DEV-WATERFORD
Customer/Permit No. : 1886 / 4815-WR-3
Report Date : 11/24/15

Sample Date : 11/18/15
Sample Time : 0920
Sample Type : GRAB WATERFORD
Sample From : DOSE TANK EFFLUENT

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

Laboratory Analysis

Analysis							<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>Precision</u>	<u>Accuracy</u>
						<u>Method</u>	<u>% RPD</u>	<u>% Recovery</u>
11/19	1600	TSB	Ammonia Nitrogen	12.5 mg/L		SM 1997 4500-NH3 F	1.03	100.2 *
11/18	0920	WDS	pH	7.5 S.U.		SM 2000 4500-H+ B	0.00	N/A *
11/23	0930	TSB	Phosphorous, Total (as P)	4.4 mg/L		EPA 365.3	1.80	104.2 *
11/19	1117	VLP	Solids, Total Suspended	2.0 mg/L		SM 1997 2540 D	44.44	N/A *
11/18	1535	VLP	Coliform, Fecal	450 /100ml		SM 1997 9222 D	0.00	N/A *
11/18	1200	TSB	BOD, Carbonaceous	< 2.0 mg/L		SM 2001 5210 B	2.73	92.6 *

* 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 Brom
Environmental Services Co., Inc.

