

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 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	*****	6.1	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	7.2	S.U.	ONCE/ MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	2.8	MG/L	ONCE/ MONTH	GRAB	
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE	*****	27.1	MG/L	ONCE/ MONTH	GRAB	
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	2,000	< 4	N/100 ML	ONCE/ MONTH	GRAB	
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		873,431	34,210			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	<div style="display: flex;"> <div style="flex: 1;"> <p>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.</p> </div> <div style="flex: 1; text-align: center;"> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT </div> </div>			TELEPHONE		DATE
Kathryn Bartlett				479	5305926	1/7/2016
TYPED OR PRINTED				AREA CODE	NUMBER	MM/DD/YYYY
COMMENTS AND EXPLANATION OF VIOLATIONS (<i>Reference all attachments here</i>) We do have some minor ponding in the drip field. The repair contractor has it on his schedule to do the repairs as weather and schedule will allow.						

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: 1512020204	Sample Date : 12/16/15	Collected By: WDS
Customer Name : GREENFIELD CAP DEV-WATERFORD	Sample Time : 0900	Delivery By : WDS
Customer/Permit No. : 1886 / 4815-WR-3	Sample Type : GRAB	Work Order :
Report Date : 12/23/15	Sample From : DOSE TANK/EFFLUENT	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
<u>Analysis</u>			<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time</u>	<u>By</u>					<u>Parameter</u>	<u>% RPD</u>
12/18	0930	RHB	Ammonia Nitrogen	27.1 mg/L		SM 1997 4500-NH3 F	0.00	106.4 *
12/16	0900	WDS	pH	7.2 S.U.		SM 2000 4500-H+ B	0.00	N/A *
12/23	1130	RHB	Phosphorous, Total (as P)	6.1 mg/L		EPA 365.3	0.00	99.5 *
12/17	0830	MDR	Solids, Total Suspended	2.8 mg/L		SM 1997 2540 D	12.39	N/A *
12/16	1600	RHB	Coliform, Fecal	< 4 /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 *

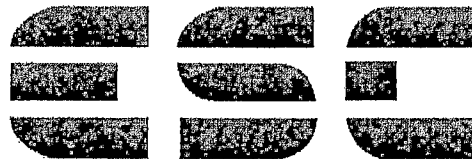
* QA data shown is from a different sample or standard on the same date.

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: Waterford Estates						Permit/Project #:					pH(23)	F. Coliform(43)	CBOD(70), TSS(28)	NH3(15-A), Phos(25)						
Address: 1695 Electric Avenue						Purchase Order #:														
Springdale AR 72764						Sampler Name(s): Wade Schmitt														
Telephone: (479)751-8868						and Signature(s): [Signature]														
FAX: (479)757-7650																				
ESC Client Number: 1886																				
Sample Identification		Sample Collection				Sample Containers														
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#											
Dose Tank/Effluent	1512020204	12-16-15	9:00	Grab	Water	Teflon	150 ml	none	1	x										
Waterford Estates				Grab	Water	whirlpak	300 ml	none/ice	1		x									
1	1	1	1	Grab	Water	Plastic	1 qt	none/ice	1			x								
				Grab	Water	Plastic	8 oz	H2SO4, pH <2	1				x							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:												
[Signature] Wade Schmitt		12-16-15	11:25	[Signature]				Used? <input checked="" type="checkbox"/> Intact? <input type="checkbox"/>												
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	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:												
				Richard Brown RICHARD BROWN		12-16-15	11:25	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units								
						Analyst:	pH:	9:00	WDS	7.2										
						Time:	Temp.:	9:00	WDS	13.7			°C	°F						
						Reading:	DO:													
						Units:	Debris:													
Cool all samples to 6 degrees C.						Chlorinated? Yes No				This Document is Page ___ of ___										