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

PERMITTEE NAME				PERMIT NO. 4815-WR-4							
Waterford Estates at Hisson Ranc	h POA	VV	aterford Estates at Hissor	n Ranch POA		4613-777-4					
PERMITTEE ADDRESS 3567 W New Hope Rd			FACILITY ADDRESS 2323 Bowen Blvd								
Rogers, AR 72756			Fayetteville AR 72703								
		WASTE	WATER EFFLUENT MO	NITORING PERI							
		MM/DD/YYYY			MM/DD/YYYY						
	Į.	3/1/2018		3/31/2018							
TREATED WASTEWATER EFFLUENT	SAMPLING										
PARAMETER		Limit	Sample Measurement	UNITS	Monitoring	Reporting					
Flow, Monthly total		REPORT	0.797303	MG	Total Flow per calendar month						
Flow, dally maximun		REPORT	0.031385	MGD	Daily						
Carbonaceous Biochemical Oxygen Dem	and (CBOD5)	15	3,5	mg/l							
Total Suspended Solids (TSS)		15	5	mg/l							
Fecal Coliform Bacteria (FCB)		2,000	4	colonies/100ml	Grab Sample once per month						
рН		6.0 - 9.0	7.8	s.u.		Prior to the 15th of the					
Total Phosphorus (TP)		REPORT	7.6	mg/l		following Month					
Total Kjeldahl Nitrogen (TKN)		REPORT	No Report	mg/l							
Ammonia Nitrogen (NH3-N)		REPORT	No Report	mg/l	Grab sample once per quarter						
Nitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N)		REPORT	No Report	mg/l							
Plant Available Nitrogen (PAN)		REPORT	No Report	mg/l							
Loading Rate		REPORT	See Attached	gpd/ft 2	Daily						
10 110 1110 1110		ALTY OF LAW THAT I HAVE PERSONALLY		11 11	TELEPHONE	DATE					
	SUBMITTED HEREIN; A	AND BASED ON MY INQUIRY OF THOSE II	NDIVIDUALS IMMEDIATELY RE	ESPONSIBLE FOR	Kamell Lagran		4770040				
	OBTAINING THE INFO	ACCURATE, AND	SIGNATURE OF PRINCIPA		4/7/2018						
Kathy Bartlett	COMPLETE. I AM AWA	ARE THAT THERE ARE SIGNIFICANT PENA	LTIES FOR SUBMITTING FALS	E INFORMATION,	EXECUTIVE OFFICER OR	5926	MM/DD/YYYY				
TYPED OR PRINTED		AUTHORIZED AGENT									
COMMENTS AND EXPLANATION OF	VIOLATIONS (Re	ference all attachments here)									
			•								

March 2018 WATERFORD ESTATES LOADING RATES 31,385 Max Day									
Zone Identification	GPD/sq 2								
Zone 1A	2,605								
Zone 1B	2,479								
Zone 2A	2,479								
Zone 2B	2,354								
Zone 3A	2,479								
Zone 3B	2,479								
Zone 4A	2,479								
Zone 4B	2,479								
Zone 5A	2,746								
Zone 5B	2,875								
Zone 6A	2,746								
Zone 6B	3,138								

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: 1803020195

Customer Name: WATERFORD UTILITY, LLC Customer/Permit No.: 1886 / 4815-WR-4

Report Date : 03/27/18

Sample Date : 03/21/18

Sample Time : 0905
Sample Type : GRAB WATERFORD

Sample From : DOSE TANK EFFLUENT

Collected By: JCB Delivery By : JCB

Work Order:

Purchase Order :

	Quality Assurance						
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	Notes _	Quantity	Method	% RPD	% Recovery
03/21 0905 JCB	рн	7.8 8.0	r		SM 2000 4500-H+ B	0.00	N/A *
03/22 0800 TSB	Phosphorous, Total (as P)	7.6 mg/	L		EPA 365.3	0.00	110.5 *
03/27 0930 JCB	Solids, Total Suspended	5.0 mg/	L		SM 1997 2540 D	9.03	N/A *
03/21 1440 AEU	Coliform, Fecal	4 /10	0ml		SM 9222 D 1997	0.00	N/A *
03/21 1400 TSB	BOD, Carbonaceous	3.5 mg/	L		SM 2001 5210 B	5.15	114.0 *
03/21 0905 JCB	Sample Collection/Travel	1 eac	h		į		

* 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

CHAIN OF CUSTODY

Phone: 479-750-1170	0 Fax: 479-750-1172		Ch) NIAL	OF CU	SIO	JY										
Client Information				Project Information							Reg	quested F		Par	amet	ers	
Company Name: Waterford Estates			Permit/Pro	oject#:													
Address: 1695 Electric Avenue			Purchase	Purchase Order #:												}	
	Springdale AR 72	764	64					,									
Telephone:	(479)751-8868			Sampler Name(s): John By			ın Bla	3600/					<u></u>				'
FAX:	(479)757-7650	··· · · · · · · · · · · · · · · · · ·		Sample Hamo(s)				Beech					TSS(28)				
				and Signa	and Signature(s):			WATER DE				43)	TS				
ESC Client Number	r: 1886			Jana Olgila	itare(o).					\dashv		Ē	6			Ì	
	Identification	1	Sample	e Collection		Sample Containers				ନ୍ତ	Coliform(43)		(25				
Identification	ESC Control #	Date	Time		Matrix	Туре				#	pH(23)	R.	CBOD(70),	Phos(25)			
Dose Tank/Efflue			905	Type	†	1	· · · · · · · · · · · · · · · · · · ·					-	10	11.			-
	100,000	3/21/18	700	Grab	Water	Teflon	150 ml	none			×	├	-	-			
Waterford Estate	es	 	 	Grab	Water	whirlpak	300 ml	none/ice			_	X	├─	\vdash			
				Grab	Water	Plastic	1 qt	none/ice		1	4		X	├─			
				Grab	Water	Plastic	8 oz	H₂SO₄,pH	<2	1			 	X		_	
				ļ		ļ					_		<u> </u>	<u> </u>			
				ļ <u></u>							\Box		<u> </u>	L			
l													<u> </u>				
					<u>.l</u>												
							_										
Relinquished By: (Signature and	d Printed Name)	3/2/18	Time	Received By: (Signature and Printed Name) Date			Tim		usto Jseď	ody Se	als:	·	lui.		7		
Relinquished By (Signature and Printed Name) Date Time			Received By: (Signature and Printed Name) Date				Tlm			around	1:	<u></u>	Intac				
									Regul		X		Spec				
Relinquished By: (Signature and Printed Name)		Date	Time Received for		ab By: (Signature and Printed Na		ndourm	Date April Time				samp Yes	oles/pr	operly		rved: No	7
Comments:					FLOW D	ATA	Field Test		Ánalys	st F	Resu		Rest	ult		Units	
Sample(s) Received On ICE Temp: D. H °C					Analyst:		pH:	905	50		1 1 45-0			7.8			
Temp: D. 4 °C					Time:		Temp.: DO:			//	124	4	12.4	<u></u> (°C/	<u>*</u>	
					Reading: Units:		Debris:						 				
Cool all samples to 6 degrees C.							Chlorinated	? Yes N	0	7	his	Doc	cume	nt is	Pag-	10	f)