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

Wasterford Estates at Hisson Ranch POA PERMITTÉE ADDRESS 3657 W New Hope Rd Rogers, AR 72756 Wastewater Effluent Monitoring PERIOD MIMIDDAYYY 7/1/2018 TREATED WASTEWATER EFFLUENT SAMPLING PARAMETER Limit Sample Measurement UNITS Monitoring Reporting Flow, Monthly total REPORT 0.915821 Mig Total Flow per celendar month Flow, daily maximum REPORT 0.044632 MigD Deily Carbonacous Blochemical Oxygen Demand (CBODS) 15 4.2.3 mg/l Total Suspended Solids (TSS) 15 4.3 mg/l Foed Caliform Bacteria (FCB) 2,000 3.1 colones/100ml Flow (FCB) 2,000 7.8 s.u Flow (FCB) REPORT 46.4 mg/l Ammonia Mitrogen (RH-3-N) REPORT 46.4 mg/l Ammonia Mitrogen (RH-3-N) REPORT 4.9.7 mg/l Flow (Ammonia Mitrogen (RH-3-N) REPORT 4.4.9.7 mg/l Carding Rate CERTIFY UNDER PERIALTY OF LAW THAT THEM REPORDATION See Attached gport 2 SUMMITTED HISTOGEN (RO2-N) REPORT See Attached gport 2 SUMMI	PERMITTEE NAM	E	3							
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Rogers, AR 72756 Fayetteville AR 72703 WASTEWATER EFFLUENT MONITORING PERIOD MIM/DD/YYY 7/1/2018 7/31/2018 7/31/2018	5/-			A THE PARTY OF THE						
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COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)						AUTHORIZED AGENT		MM/DD/YYYY		
	COMMENTS AND EXPLANATION	OF VIOLATIONS (Re	eference all attachments here)							
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JULY 2018 WATERFORD ESTATES LOA	ADING RATES 44,632 Max Day
Zone Identification	GPD/sq 2
Zone 1A	3,704
Zone 1B	3526
Zone 2A	3526
Zone 2B	3,347
Zone 3A	3526
Zone 3B	3526
Zone 4A	3526
Zone 4B	3526
Zone 5A	3,905
Zone 5B	4,088
Zone 6A	3,905
Zone 6B	4,463

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: 1807020173

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

Report Date : 07/25/18

Sample Date : 07/19/18

Sample Time : 0654

Sample Type : GRAB WATERFORD Sample From : EFFLUENT DOSE TANK

Collected By: NTR

Delivery By : NTR

Work Order : Purchase Order :

		Laboratory Analysis		Quality A	Assurance
Analysis				Precision	Accuracy
<u>Date Time By</u>	Parameter	Result Notes Quar	ntity Method	% RPD	% Recovery
07/20 1030 TSB	Ammonia Nitrogen	41.9 mg/L	SM 1997 4500-NH3 F	0.00	98.8 *
07/24 0830 TSB	Total Kjeldahl Nitrogen	46.4 mg/L	02/2014 HACH 10242	2.94	101.6 *
07/19 0656 NTR	рН	7.8 S.U.	SM 2000 4500-H+ B	0.00	N/A
07/20 1400 TSB	Phosphorous, Total (as P)	8.2 mg/L	EPA 365.3	0.69	99.6 *
	Solids, Total Suspended	4.3 mg/L	SM 1997 2540 D	6.57	N/A *
07/19 1320 VLP	Fecal Coliform	31.0 /100ml	06/2012 Colilert18	0.00	0.0 *
07/20 1400 TSB	BOD, Carbonaceous	< 2.3 mg/L	SM 2001 5210 B	0.00	96.0 *
07/24 1350 TSB	Nitrate + Nitrite	6.4 mg/L	01/2013 HACH 10206	0.00	94.2 *
07/24 1550 TSB	Nitrogen, Plant Available	49.7 mg/L	SM 1997 4500-N		
07/19 0654 NTR	Sample Collection/Travel	1 each		0.00	0.0 *

* 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

Fax: 479-750-1172

website: www.esclabs.com

Phone: 479-750-1170



Corporate Office, Little Rock, Arkansas 501-221-2565

> Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

Client Information				Project Information					Requested Parameters								
Company Name: Address:	1695 Electric Avenue			Permit/Project #: Purchase Order #:							N(99.99)						
Telephone:	Springdale AR 72764 (479)751-8868 (479)757-7650			Sampler Name(s):			Ned Tryerson. Med 1- Organ					13.IF).	CBOD(70), TSS(28),PAN(99.99)	NH3(15.A), Phos(25)	TKN(16.A),N+N(91)		
ESC Client Number:	1886	T		and Signature(s):			0					Coliform(43.1F)	70), 1	15.A), I	3.A),N+		
Sample Ide			T				Sample Containers			pH(23)	उ	l 교	H3(I N			
Identification	ESC Control #	Date .	Time	Туре	Matrix	Type	Volume	Preserva	ative	#		ш.	0	Z	Ĕ		-
Dose Tank/Effluent	1807020173	7-19-18	0654	Grab	Water	Teflon	150 ml	none		1	×	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	
Waterford Estates	 	\		Grab	Water	whirlpak	300 ml	none/ice		1		x	<u> </u>	<u> </u>	<u> </u>		
				Grab	Water	Plastic	none/ice		1			x	<u> </u>				
	1	1.1		Grab Water Plastic 8 oz H ₂ SO ₄ ,pH <2		1		L		x	x						
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Refinquished By: (Signature and Printed Name) Dale Time			Received By: (Signature and Printed Name) Date T			Tìn	18	Turna Regu	naround: jular			Special					
Relinquished by Gignature and Printed Name Date 7-19-18 1300			Received for Lab	Received for Lab By: (Signature and Printed)Name) Pal Pal Pal Pal Pal Pal Pal Pa		7/19/18	13 d		Were sam Yes		ples properly preserved: No						
Comments: 0 0						Field Test		Analy		Result			Result Units		}		
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					Reading:		DO:	10656	1 A	10		<u>ص, ر</u>	(ا	· · ·	رخ		
							Debris:										
Cool all samples to 6 degrees C.						Chlorinated? Yes No			This Document is				Pan	~L	of 1		