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

PERMITTEE ADDRESS SAGY W New Hope Rd Ropers, ART 72796 Reporting Repor	PERMITTEE NAME		V	.PERMIT NO. 4815-WR-4							
### Total Phosphorus (FP) ### O.O - 9.0 ### Total Phosphorus (FP) ### Ammonia Nitrogen (ND-N) ### REPORT ### REPORT ### No Report ### Report ### No Report #	Waterford Estates at Hisson Ra	anch POA									
Rogers, AR 72756 MANDDMYYY MANTEWATER EFFLUENT MONITORING PERIOD MM/DDYYYY 8/1/2018 8/31/2018	PERMITTEE ADDRES	SS									
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Total Phosphorus (TP) REPORT REPORT No Report Mg/I Ammonia Nitrogen (NH3-N) REPORT No Report No Report Mg/I Nitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N) REPORT No Report No Report Mg/I Plant Available Nitrogen (PAN) Loading Rate REPORT REPORT No Report No Report Mg/I Namerifite Principal Executive Officer Submitted Herrein; AND Based On My Inquirry of Those Individuals Immediately Responsible For Obtaining The Information, I Believe The Submitted Information, I Believe The Submitted Information, I Believe The Submitted Information Information, I Believe The Submitted Information Is True, Accurate, AND Signature of Principal EXECUTIVE OFFICER OR AUTHORIZED AGENT MM//DD/Y	Fecal Coliform Bacteria (FCB)		2,000	< 10	colonies/100ml	Grab Sample once per month					
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TYPED OR PRINTED INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. AUTHORIZED AGENT MM/DD/Y	Kathy Bartlett					t .	5926				
	TYPED OR PRINTED					AUTHORIZED AGENT	MM/DD/YYYY				
COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)	COMMENTS AND EXPLANATION	OF VIOLATIONS (Re	eference all attachments here)								

Aug 2018 WATERFORD ESTATES LOA	DING RATES Max Day 32,641
Zone Identification	GPD/sq 2
Zone 1A	2,709
Zone 1B	2,589
Zone 2A	2,579
Zone 2B	2,448
Zone 3A	2,579
Zone 3B	2,579
Zone 4A	2,479
Zone 4B	2,479
Zone 5A	2,856
Zone 5B	2,990
Zone 6A	2,856
Zone 6B	3,264

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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: 1808020142

Customer Name : WATERFORD UTILITY, LLC

Customer/Permit No.: 1886 / 4815-WR-4

Report Date : 08/30/18

Sample Date : 08/22/18

Sample Time : 0930

Sample Type : GRAB

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	<pre>% Recovery</pre>
08/22 0930 JCB	рН	7.4 S.U.	SM 2000 4500-H+ B	0.00	N/A *
08/23 1430 TSB	Phosphorous, Total (as P)	7.2 mg/L	EPA 365.3	0.00	96.6 *
08/27 1400 TSB	Solids, Total Suspended	3.8 mg/L	SM 1997 2540 D	1.43	N/A *
08/22 1625 JCB	Fecal Coliform	< 10.0 /100ml	06/2012 Colilert18	0.00	0.0 *
08/22 1400 TSB	BOD, Carbonaceous	< 2.0 mg/L	SM 2001 5210 B	6.34	102.5 *
08/22 0930 JCB	Sample Collection/Travel	1 each		1	

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.

 $[\]star$ QA data shown is from a different sample or standard on the same date.

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: 479-750-1	170	Fax: 479-750-1172		Cr	1AIN C	or Gui	SIUL	J T						-					
Client Information				Project Information							Requested				l Parameters				
Company Name: Waterford Estates			Permit/Project #:																
Address:		1695 Electric Aven	ue		Purchase	Purchase Order#:													
		Springdale AR 727	64]		: ,											ı	
Telephone:		(479)751-8868			Sampler N	Sampler Name(s): John Byrd			d					€					ı
FAX:		(479)757-7650			Solitor Hamseley.			h. Muse					ı <u>⊊</u>	3(28					
		(410)101-1000					- Hamir Volume						43	TSS(28)	}				!
ESC Client Num	hor	1886			and olyna	and Signature(s):							Ē	6					ı
				Comple	Collection	,	T	Sample Containers				3)	읥	(<u>)</u>	(25				ı
		tification			7		† · · · · · · · · · · · · · · · · · · ·				#	pH(23)	F. Coliform(43.IF)	CBOD(70),	Phos(25)				
Identification ESC Control #		Date	Time	Туре	Matrix	Туре	Volume	†	Preservative #			 	10	1-	-				
Dose Tank/Effluent 1808020142		8/22/18	930	Grab	Water	Teflon	150 ml	none 1		1	X			├	 			 	
Waterford Estates			 	Grab	Water	whirlpak	300 mi	none/ice 1			Х	<u> </u>	├	-	 				
				Grab	Water	Plastic	1/2 gal	none/ice		1			X			!		 	
				Grab	Water	Plastic	8 oz	H ₂ SO ₄₁ pH	<2	1				X	<u> </u>				
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Relipquished By: (Signature and Printed Name)					Received By: (Signature and Printed Name) Date Time			Ð	Custody Seals: Used? // Intact?										
Many Bull Sohn Bym 8/3 Relinquished By Signature and Printed Name)		8/22/18 Date	1045 Time	Received By: (Signature and Printed Name) Date			Tim	e	Used [*] Turna	naround:			Intac	77	Щ	ļ			
										Regu		X		Spe			L		
Relinquished By: (Signature and Printed Name) Date		Date	Time	Received for Lab By: (Signature and Printed Name) White Troots Tampara (1985)					samp Yes	les pr	roperly T	y prese	erved: No		ſ				
Comments:			PDITED	FLOW DATA Field Tes			Time	Analys		Result Result			ult	Units					
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<u></u>		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	Time: Reading:	-	Temp.: DO:				25	4	25.1 °C)		°F			
						Units:		Debris:											
Cool all samples to 6 degrees C.					Chlorinated? Yes No				This Document is Page of										