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

PERMITTEE ADDRESS 3657 W New Hope Rd Rogers, AR 72756 Regers, AR	PERMITTEE NAME	, e		F					
ROGERS, AR 72756 Fayetteville AR 72703 WASTEWATER EFFLUENT MONITORING PERIOD MM/DD/YYYY 8/3/12019 TREATED WASTEWATER EFFLUENT SAMPLING PARAMETER Limit Sample Measurement UNITS Monitoring Reporting Repor	Waterford Estates at Hisson Ra	nch POA		Vaccinora Estatos de Filosof	Transmi on		Ļ.	4815-WR-4	ı
ROGERS, AR 72756 Fayetteville AR 72703 WASTEWATER EFFLUENT MONITORING PERIOD MM/DD/YYYY 8/3/12019 TREATED WASTEWATER EFFLUENT SAMPLING PARAMETER Limit Sample Measurement UNITS Monitoring Reporting Repor	PERMITTEE ADDRESS	S		FACILITY ADDR	ESS			j	
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PARAMETER Limit Sample Measurement UNITS Monitoring Reporting Re			8/1/2019	8/31/2019]				
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pH 6.0 - 9.0 7.5 s.u. Total Phosphorus (TP) REPORT 7.87 mg/l Total Kjeldahi Nitrogen (TKN) REPORT No Report mg/l Ammonia Nitrogen (NH2-N) REPORT No Report mg/l Nitrate Nitrogen (NO2-N) REPORT No Report mg/l Plant Available Nitrogen (NO2-N) REPORT No Report mg/l Loading Rate REPORT See Attached gpd/ft 2 NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND SIGNATURE OF PRINCIPAL (479) 530-5926 TYPED OR PRINTED	Total Suspended Solids (TSS)		15	3.3	mg/l				
Total Phosphorus (TP) REPORT	Fecal Coliform Bacteria (FCB)		2,000	< 2	colonies/100ml	Grab Sample once per month			
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Nitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N) REPORT No Report My/ Loading Rate REPORT REPORT See Attached See Attached See Attached See Attached See Attached Submitted Periodipal Executive Officer Submitted Herein; And Based on My Inquiry of Those Individuals Immediately Responsible For Obtaining The Information, I believe the Submitted Information is True, accurate, and Kathy Bartlett Complete. I Am Aware that There are Significant Penalties for Submitting False Information, Typen Or Printer Grab sample once per quarter My/ Grab sample once per quarter Mg/I File Phone Date Submitted Notation is Telephone Telephone Date Signature of Principal Executive Officer or MMODOWS MMODO	Total Kjeldahi Nitrogen (TKN)		REPORT	No Report	mg/l]	:	
Nitrate 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 NAME/TITLE PRINCIPAL EXECUTIVE OFFICER SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND Kathy Bartlett COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, TYPED OR PRINTED NO Report mg/l NO Report mg/l NO Report mg/l NO Report mg/l See Attached gpd/ft 2 Daily TELEPHONE DATE SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR MM/DDXXXIII MM/DDXXIII MM/DDXXXIII MM/DDXXXIII MM/DDXXXIII MM/DDXXXIII MM/DDXXIII MM/DDXXXIII MM/DDXXXIIII MM/DDXXXIII MM/DDXXXIII MM/DDXXXIII MM/DDXXX	Ammonia Nitrogen (NH3-N)		REPORT	No Report	mg/l	Grah sample once per guarter			
Loading Rate REPORT See Attached gpd/ft 2 Daily I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND Kathy Bartlett COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, TYPED OR PRINTED. MM/DD/XXV	Nitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N)		REPORT	No Report	mg/l	Grap sample once per quarter			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND Kathy Bartlett COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, TYPED OR PRINTED. MM/DD/XXV	Plant Available Nitrogen (PAN)		REPORT	No Report	mg/l				
SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR CONTROL OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND SIGNATURE OF PRINCIPAL COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, EXECUTIVE OFFICER OR MM/DD/XXV	Loading Rate								
OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND SIGNATURE OF PRINCIPAL (479) 530- Kathy Bartlett COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, EXECUTIVE OFFICER OR MM/DDXXX	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PE	NALTY OF LAW THAT I HAVE PERSONALL	Y EXAMINED AND AM WITH TH	/ 12 - 1 - 1		TELEPHONE	DATE	
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Kathy Bartlett COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, EXECUTIVE OFFICER OR MM/DDXXX		OBTAINING THE INF	ORMATION, I BELIEVE THE SUBMITTE	, , , , , ,		(479) 530-	9/10/2019		
TYPED OR PRINTED	Kathy Bartlett	1							
INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.		1			•		MM/DD/YYYY		
COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)						AUTHORIZED AGENT			
	COMMENTS AND EXPLANATION O	F VIOLATIONS (RE	rerence an anachments nere)						

Zone Identification	GPD/sq 2
Zone 1A	2,9
Zone 1B	2,8
Zone 2A	2,8
Zone 2B	2,6
Zone 3A	2,8
Zone 3B	2,8
Zone 4A	2,8
Zone 4B	2,8
Zone 5A	3,1
Zone 5B	3,2
Zone 6A	3,1
Zone 6B	3,5

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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: 1908020119 Customer Name: WATERFORD UTILITY, LLC

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

Report Date : 08/28/19

Sample Date : 08/21/19

Sample Time : 0910

Sample Type : GRAB WATERFORD EST. Sample From : EFFLUENT DOSE TANK

Collected By: JEW Delivery By : JEW

Work Order : Purchase Order :

7 1 1	Quality A	Assurance				
Analysis <u>Date Time By</u>	Parameter	Result Notes	Ouantity	Method	Precision % RPD	Accuracy & Recovery
08/21 0910 JEW	рн	7.5 S.U.		SM 2011 4500-H+ B	<u></u>	* Kecovery
	Phosphorous, Total (as P) Solids, Total Suspended	7.870 mg/L		EPA 365.3	0.91	109.0 *
	Fecal Coliform (MPN/100mL	3.3 mg/L < 2.0 /100ml		SM 2011 2540 D 06/2012 Colilert18	19.55 0.00	N/A * 0.0 *
08/21 1430 TSB	BOD, Carbonaceous	< 2.0 mg/L	•	SM 2001 5210 B	0.00	107.2 *

 $\ ^{\star}$ 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

Fax: 479-750-1172

Phone: 479-750-1170



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

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

Client Information				Ţ	Project Information						Requested Parameters								
Company Name	ame: Waterford Estates				Permit/Project #:													Γ	
Address:	dress: 1695 Electric Avenue			Purchase	Purchase Order #:						1					Ì			
·		Springdale AR 727	764		1							1							
Telephone:		(479)751-8868			Sampler N	Sampler Name(s): June With Toples Withse					رص	ļ							
FAX:		(479)757-7650			1	Print when your willse						1	Œ	125					
					and Signature(s):							ĺ	43.1	755					
ESC Client Num	nber:	1886			1	and dignature(s).								6					
Sam	ple Ident	tification	T	Sample	Collection			Sample	Containers	s		(<u>e</u>	Coliform(43.1F)	CBOD(70), TSS(28)	Phos(25)				
Identification	on	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume			#	pH(23)	F. C.	186	, Sud				
Dose Tank/Et	ffluent	1908020119	8-21-19	0910	Grab	Water	Teflon	150 mi	none		1	X		<u> </u>	<u> </u>	 	$\lceil - \rceil$		
Waterford Es	states			1 1	Grab	Water	whirlpak		none/ice		1	广	Х		$\vdash \vdash$	-		\vdash	
					Grab	Water	Plastic	1/2 gal	none/ice		1	-	1	Х	-			$\vdash \vdash$	
				Grab	Water	Plastic					-	<u> </u>	-			$\vdash \vdash$	—		
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Relijinquished By: (Signature and Printed Name) Date Time				Received By: (Sig	gnature and Printed	Name)		Date	Tim	ne i	Custo	ody Sea	als;						
sess With James Willse		8-21-19	1400					Used	?	N		Intac	t? _						
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Date	Tim	Time Turna Regu		around:	nd: X Special						
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Pri		Printed Name	e) Date		Tim	10	Were	samples properly preserved:				_			
Comments:			Jamen 2			Field Test		1400		Resu	Yes X ult Result		-14	No					
						Analyst:		pH:		Analy:	-			7		Units			
						Time:		Temp.:		TEL		28.	3	$\frac{7}{28}$			°F		
						Reading:		DO:											
						Units:		Debris:	L										
Cool all samples to 6 degrees C.							Chlorinated	? Yes No	0	i	This	Doc	umei	nt is '	Page	: <u>/</u>	of <u>/</u>		

G:\W

NWA Utility SUNICES POBOX 9299 FAYETTEVILLE AR 72704







FOREVER / USA



OREVER / US



FOREVER / USA

ADEQ Water DIVISION / Permits Branch 5301 Northshore BIVA N. hittle Rock, AR 72118-5317