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

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PERMITTEE NAME	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		FACILITY NAME (IF DI	I hel the I t	n n n n n n n n n n n n n n n n n n n	PERMIT NO.	]			
Goshen Municipal POID #2	2		Waterford Estates at His	som Ranch		4815-WR-5	]			
PERMITTEE ADDRESS 3567 W New Hope Rd		FACILITY ADDRESS 2323 Bowen Blvd 72-00974								
Rogers, AR 72756	ł	r				-				
		MM/DD/YYYY	WATER EFFLUENT MO	NITORING PERI						
· · · ·		4/1/2021				4815-WR-5   AFIN NO.   72-00974   Reporting   Reporting   Prior to the 15th of the following Month   Following Month   TELEPHONE DATE   (479) 530- 5/14/2021   5926 5/14/2021				
REATED WASTEWATER EFFLUEN	T SAMPLING					<b>.</b>	5 E DATE 5/14/2021			
PARAMETER		Limit	Sample Measurement	UNITS	Monitoring	Reporting	1			
low, Monthly total	· · ·	REPORT	01.063,914	MG	Total Flow per calendar month					
low, daily maximun		REPORT	0.045,022	MGD	Daily					
Carbonaceous Biochemical Oxygen Demand (CBOD5)		30	10.1	mg/l						
Total Suspended Solids (TSS)		45	21.1	mg/l						
ecal Coliform Bacteria (FCB)		2,000	31	colonies/100ml	Grab Sample once per month					
Н		6.0 - 9.0	7.6	s.u.		Prior to the 15th of the				
otal Phosphorus (TP)		REPORT	8.42	ADDRESS owen Bivd le AR 72703 ENT MONITORING PERIOD ENT MONITORING PERIOD MM/DD/YYYY 4/31/2021 rement UNITS Monitoring 14 MG Total Flow per calendar month 2 MGD Daily mg/l mg/l Grab Sample once per month s.u. mg/l mg/l mg/l mg/l mg/l Grab sample once per quarter mg/l						
otal Kjeldahl Nitrogen (TKN)		REPORT	69.4	mg/l						
mmonia Nitrogen (NH3-N)		REPORT	66.4	mg/l						
itrate Nitrogen ( NO3-N) + Nitrite Nitroge	n ( NO2-N)	REPORT	0.67	mg/l	Grab sample once per quarter					
lant Available Nitrogen (PAN)		REPORT	68	mg/l						
oading Rate		REPORT	See Attached		Daily					
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	CERTIFY UNDER PEN	E INFORMATION	1 2 0 10	TELEPHONE	DATE					
s	UBMITTED HEREIN; /	AND BASED ON MY INQUIRY OF THOSE IN	DIVIDUALS IMMEDIATELY RE	SPONSIBLE FOR	Martie					
	BTAINING THE INFO	ORMATION, I BELIEVE THE SUBMITTED	INFORMATION IS TRUE, A	CCURATE, AND	SIGNATURE OF PRINCIPAL		5/14/2021			
	OMPLETE, I AM AWA									
		IBILITY OF FINE AND IMPRISONMENT.		MM/DD/YYYY						
OMMENTS AND EXPLANATION OF	VIOLATIONS (Re	ference all attachments here)			· · ·					

APRIL 2021 WATERFORD ESTATES LOADING RATES								
Daily Max	45,022							
Zone Identification	GPD/sq 2							
Zone 1A	3,350							
Zone 1B	3,792							
Zone 2A	3,792							
Zone 2B	3,350							
Zone 3A	3,792							
Zone 3B	3,792							
Zone 4A	3,792							
Zone 4B	3,792							
Zone 5A	3,939							
Zone 5B	3,978							
Zone 6A	3,939							
Zone 6B	3,713							

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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: 2104020177	Sample Date : 04/22/21	Collected By: HNS
Customer Name : WATERFORD UTILITY, LLC	Sample Time : 0830	Delivery By : HNS
Customer/Permit No. : 1886 / 4815-WR-4	Sample Type : GRAB	Work Order :
Report Date : 04/30/21	Sample From : EFFLUENT	Purchase Order :

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<b>2</b>		Laboratory Analysis	3			Quality :	Assurance
Analysis	<b>m</b>					Precision	Accuracy
Date Time By	Parameter	Result	<u>Notes</u>	Quantity	Method	<u>% RPD</u>	<u> * Recovery</u>
04/26 1250 HNS	Ammonia as N, (HACH 10205)	66.40 mg/L			SM 2011 4500-NH3 F	2.87	100.0 *
04/30 1000 TWM	J J J J J	69.4 mg/L			02/2014 HACH 10242	0.68	101.0 *
04/22 0835 HNS	<b>~</b>	7.6 S.U.			SM 2011 4500-H+ B	0.00	N/A *
04/26 1130 HNS	Phosphorous, Total (as P)	8.42 mg/L			EPA 365.3	2.74	101.0 *
04/26 1050 HNS	Solids, Total Suspended	21.1 mg/L			SM 2011 2540 D	66.67	N/A *
	Fecal Coliform (MPN/100mL	•	1 .		06/2012 Colilert18	1.94	N/A *
04/22 1745 NTR		10.1 mg/L			SM 2001 5210 B	33.96	105.3 *
04/26 1340 HNS	Nitrate + Nitrite	0.67 mg/L			01/2013 HACH 10206	2.02	101.0 *
04/30 1340 TWM	Nitrogen, Plant Available	68.0 mg/L			SM 1997 4500-N		
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\* 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 - Averl Environmental Services Co., Inc.

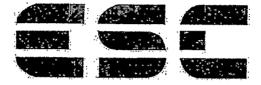
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Environmental Services Company, Inc. Northwest Arkansas 1107 Century Street Springdale, Arkansas 72762 website: www.esclabs.com

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## CHAIN OF CUSTODY

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

Carlsbad, New Mexico 575-887-1ESC

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Phone: 479-75	0-1170	Fax: 479-750-1172		CI	HAIN (	OF CU	SIO	DY									
	(	<b>Client Information</b>				Pr	oject In	formation	1				Req	ues	ted	Parar	neter
Company Name: Waterford Estates			Permit/Pr	oject #:													
Address:	•	1695 Electric Ave	nue		Purchase	Purchase Order #:											
		Springdale AR 72	764			·									:		
Telephone:		(479)751-8868			Sampler	Name(s):	Hav	idea Swith				(28)		Ē			
FAX: (479)757-7650						عائرات المند	Hayde Smith			200		(43.					
		······	·····	and Signa	ature(s): H-		1 114			TSS		E					
- ESC Client Nu	mber:	1886	·····				Llay	a an	1 <u>~</u>			02	(25)	olifo			
Sar	nple Iden	tification	T	Sample	Collection			Sample	Containe	rs			so	ŭ	(23)		
Identifica	tion	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume			#	CBOD (70).	古 나	Fecal Coliform (43.IF)	Å	·	
Dose Tank/	Effluent	2104020177	4122121	0836	Grab	Water	Plastic	1/2 gal	None,		1	x	<u> </u>	_			
Dose Tank/	Effluent	1	1		Grab	Water	Plastic	250 mL	H2SO4,		1		x		-+		
Dose Tank/	Effluent				Grab	Water	Sterile	100 mL	Na2S2O3,		1			x	$\neg$		
Dose Tank/I	Effluent	Ļ	J.	1	Grab	Water	Glass	8 oz	Non		0				x		+ +
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elinquished By: (Signa	ture and Printed	Name)	Date	Time	Received By: (Signature and Printed Name)				Date Time			Used? N Intact?					
Online without Due / Construmt and Denied March		Date	Time	President for Lab	P					Regula		X		Special			
At 1/22/21		1.625	Received for Lab By: (Signafure and Printed Nam			ne) Date Time V 14 122/2 1625					perly p	reserved: No	<b></b>				
Comménts:		FLOW DATA		TA	Field Test		Analyst	t F	Result			and the second se		s			
		· · · · · · · · · · · · · · · · · · ·	<u>.</u>			Analyst: Time:		pH: Temp.:	0835	HNS	_†7	ي. 1	_	7.6		<del></del>	1
·	······					Reading:	•	DO:							-+`		F
1.10	· · · ·					Units:		Debris:					_				
INS	· · · · · · · · · · · · · · · · · · ·	Cool all samples to 6 de	grees C.				-	Chlorinated	7 Yes N	lo	T	his [	Docu	men	t is P	age	of ]

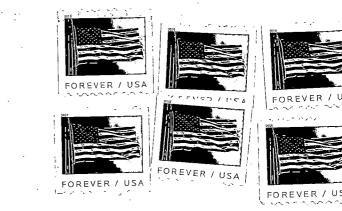
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## NWA Utility Services Inc PO Box 9299 Fayetteville, AR 72703

ADEQ WATER DIVISION/PERMITS BRANCH 5301 Northshore Drive N Little Rock, AR 72118-5317



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