

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

**PERMITTEE NAME**

Waterford Estates at Hissom Ranch POA

**PERMITTEE ADDRESS**

3567 W New Hope Rd  
Rogers, AR 72756

**FACILITY NAME (IF DIFFERENT)**

Waterford Estates at Hissom Ranch POA

**FACILITY ADDRESS**

2323 Bowen Blvd  
Fayetteville AR 72703

**PERMIT NO.**

4815-WR-4

**AFIN NO.**

72-00974

**WASTEWATER EFFLUENT MONITORING PERIOD**

MM/DD/YYYY

2/1/2020

MM/DD/YYYY

2/29/2020

**TREATED WASTEWATER EFFLUENT SAMPLING**

PARAMETER	Limit	Sample Measurement	UNITS	Monitoring	Reporting
Flow, Monthly total	REPORT	1.107,608	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximun	REPORT	0.039867	MGD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	15	6.5	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	15	8	mg/l		
Fecal Colliform Bacteria (FCB)	2,000	25	colonies/100ml		
pH	6.0 - 9.0	7.9	s.u.		
Total Phosphorus (TP)	REPORT	7.24	mg/l		
Total Kjeldahl Nitrogen (TKN)	REPORT		mg/l	Grab sample once per quarter	
Ammonia Nitrogen (NH3-N)	REPORT		mg/l		
Nitrate Nitrogen ( NO3-N) + Nitrite Nitrogen ( NO2-N)	REPORT		mg/l		
Plant Available Nitrogen (PAN)	REPORT		mg/l		
Loading Rate	REPORT	See Attached	gpd/ft 2	Daily	

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 COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

Kathy Bartlett

TYPED OR PRINTED

*Kathy Bartlett*

**SIGNATURE OF PRINCIPAL  
EXECUTIVE OFFICER OR  
AUTHORIZED AGENT**

TELEPHONE

(479) 530-5926

DATE

3/13/2020

MM/DD/YYYY

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

Continuing to repair multiple dripline connections where original installers used improper fittings

February 2020 WATERFORD ESTATES LOADING RATES

Daily Max

39,867

Zone Identification

GPD/sq 2

Zone 1A

3,309

Zone 1B

3,149

Zone 2A

3,149

Zone 2B

3,046

Zone 3A

3,149

Zone 3B

3,149

Zone 4A

3,149

Zone 4B

3,149

Zone 5A

3,488

Zone 5B

3,652

Zone 6A

3,488

Zone 6B

3,987

# 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: 2002020087  
Customer Name : WATERFORD UTILITY, LLC  
Customer/Permit No. : 1886 / 4815-WR-4  
Report Date : 02/27/20

Sample Date : 02/19/20  
Sample Time : 1150  
Sample Type : GRAB  
Sample From : DOSE TANK/EFFLUENT

Collected By: BRS  
Delivery By : BRS  
Work Order :  
Purchase Order :

## Laboratory Analysis

Analysis			Parameter	Result	Notes	Quantity	Method
02/19	1155	BRS	pH	7.9	S.U.		SM 2011 4500-H+ B
02/26	1400	TSB	Phosphorous, Total (as P)	7.24	mg/L		EPA 365.3
02/25	1345	TSB	Solids, Total Suspended	8.0	mg/L		SM 2011 2540 D
02/19	1645	TSB	Fecal Coliform (MPN/100mL)	25.2	/100ml		06/2012 Colilert18
02/19	1700	TSB	BOD, Carbonaceous	6.5	mg/L		SM 2001 5210 B

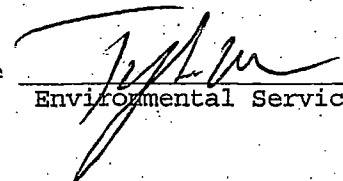
## Quality Assurance

Precision	Accuracy
% RPD	% Recovery
0.00	N/A *
1.36	102.0 *
13.35	N/A *
0.00	0.0 *
0.00	108.8 *


\* 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.

JB  
1,107,608  
39,867



**Carlsbad, New Mexico**  
**575-887-1ESC**

## CHAIN OF CUSTODY

NWA UTILITY SERVICES, INC

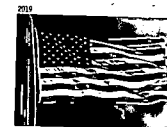
PO Box 9299  
Fayetteville, AR  
72703



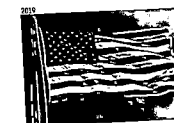
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ADEQ  
Water Div. Permits Branch  
5301 Northshore Drive  
N. Little Rock, AR  
72118