

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

PERMITTEE NAME
Benton County, Arkansas Suburban Sewer District No 1 Villages of Cross Creek
PERMITTEE ADDRESS
PO Box 9299 Fayetteville AR 72703

FACILITY NAME (IF DIFFERENT)
Villages of Cross Creek

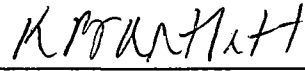
PERMIT NO.
4811-WR-4

FACILITY ADDRESS
3302 N Dixieland Rd Little Flock AR

AFIN NO.
04-00899

WASTEWATER EFFLUENT MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
6/1/2020	6/30/2020

TREATED WASTEWATER EFFLUENT SAMPLING					
PARAMETER	Limit	Sample Measurement	UNITS	Monitoring	Reporting
Flow, Monthly total	REPORT	0.579,538	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum	REPORT	0.029482	MGD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	7	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	30	45.5	mg/l		
Fecal Coliform Bacteria (FCB)	10,000	43.0	colonies/100ml		
pH	6.0 - 9.0	7.2	s.u.		
Total Phosphorus (TP)	REPORT	9.75	mg/l		
Total Kjeldahl Nitrogen (TKN)	REPORT		mg/l	Grab sample once per quarter	
Ammonia Nitrogen	REPORT		mg/l		
Nitrate Nitrogen (NO ₃ -N) + Nitrite Nitrogen (NO ₂ -N)	REPORT		mg/l		
Plant Available Nitrogen (PAN)	REPORT		mg/l		
Loading Rate	REPORT		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.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			(479) 530-5926	7/15/2020
TYPED OR PRINTED				MM/DD/YYYY

COMMENTS AND EXPLANATION OF VIOLATIONS (*Reference all attachments here*)

Solids were exceeded. We had excessive sludge in tanks removed after they pulled labs for the month

June 2020 VILLAGES OF CROSS CREEK LOADING RATES

Daily Max

29,482

Zone Identification

GPD/sq 2

1

3331

2

3331

3

3331

4

3331

5

3331

6

3331

7

3951

8

2985

9

Not used

10

Combined with 8

11

2,560

12

Not used

13

Not used

14

Not used

15

Not used

16

Not used

17

Not used

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

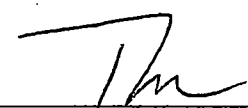
Control Number: 2006020055	Sample Date : 06/11/20	Collected By: JWS
Customer Name : DIXIELAND UTILITY LLC	Sample Time : 1545	Delivery By : JWS
Customer/Permit No. : 1698 / 4811-WR-4 001	Sample Type : GRAB	Work Order :
Report Date : 06/19/20	Sample From : DOSE TANK/EFFLUENT	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>			
<u>Analysis</u>						<u>Precision</u>	<u>Accuracy</u>		
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>		
						<u>% RPD</u>	<u>% Recovery</u>		
06/11	1550	JWS	pH	7.2 S.U.			SM 2011 4500-H+ B	1.34	N/A *
06/18	0930	TSB	Phosphorous, Total (as P)	9.75 mg/L			EPA 365.3	0.90	107.0 *
06/16	1230	TSB	Solids, Total Suspended	45.5 mg/L	(b)		SM 2011 2540 D	1.87	N/A *
06/11	1700	TWM	Fecal Coliform (MPN/100mL)	43.0 /100ml			06/2012 Colilert18	0.00	N/A *
06/12	1400	TSB	BOD, Carbonaceous	7.0 mg/L			SM 2001 5210 B	5.44	96.3 *

* QA data shown is from a different sample or standard on the same date.
 (b) Exceeds Permit Limits for Maximum Concentration

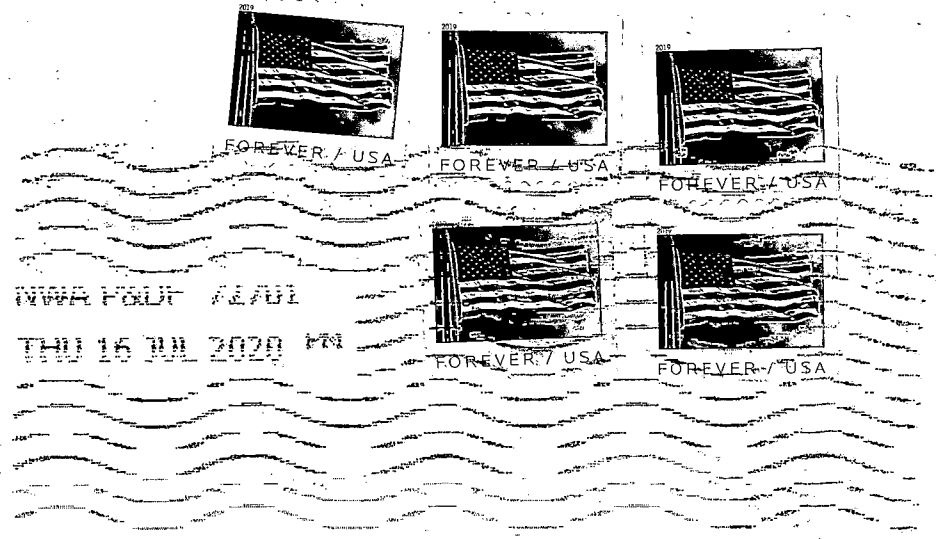
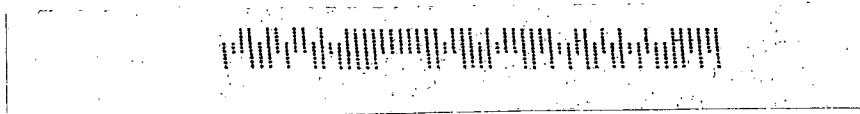
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of 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.

579538
 29482



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

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