



NWA Utility Services Inc
PO Box 9299
Fayetteville, AR 72703

ADEQ
Water Division Permits Branch
5301 Northshore Blvd
N. Little Rock, AR
72118

**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

FACILITY ADDRESS

3302 N Dixieland Rd
Little Flock AR

PERMIT NO.

4811-WR-4

AFIN NO.

04-00899

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	0.599,856	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum	REPORT	0.030326	MGD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	13.1	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	30	27	mg/l		
Fecal Coliform Bacteria (FCB)	10,000	6.3	colonies/100ml		
pH	6.0 - 9.0	7.5	s.u.		
Total Phosphorus (TP)	REPORT		mg/l	Grab sample once per quarter	
Total Kjeldahl Nitrogen (TKN)	REPORT		mg/l		
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	3/13/2020 MM/DD/YYYY
TYPED OR PRINTED	Kathy Bartlett			

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

FEB 2020 VILLAGES OF CROSS CREEK LOADING RATES

Daily Max	30,326
Zone Identification	GPD/sq 2
1	3427
2	3427
3	3427
4	3427
5	3427
6	3427
7	4064
8	4731
9	Not used
10	Combined with 8
11	1,569
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: 2002020095
 Customer Name : DIXIELAND UTILITY LLC
 Customer/Permit No. : 1698 / 4811-WR-4 001
 Report Date : 02/27/20

Sample Date : 02/20/20
 Sample Time : 1541
 Sample Type : GRAB WATER
 Sample From : DOSE TANK/EFFLUENT


Collected By: NTR
 Delivery By : NTR
 Work Order :
 Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
02/20	1542	NTR	pH	7.5	S.U.		SM 2011 4500-H+ B	1.34	N/A *
02/26	1400	TSB	Phosphorous, Total (as P)	6.30	mg/L		EPA 365.3	1.36	102.0 *
02/25	1345	TSB	Solids, Total Suspended	27.0	mg/L		SM 2011 2540 D	13.35	N/A *
02/20	1740	TWM	Fecal Coliform (MPN/100mL)	6.3	/100ml		06/2012 Colilert18	0.00	0.0 *
02/21	1200	TSB	BOD, Carbonaceous	13.1	mg/L		SM 2001 5210 B	0.00	96.3 *

* QA data shown is from a different sample or standard on the same date.

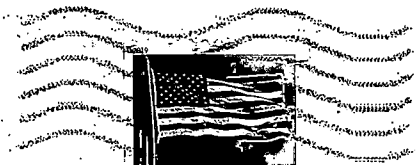
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of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

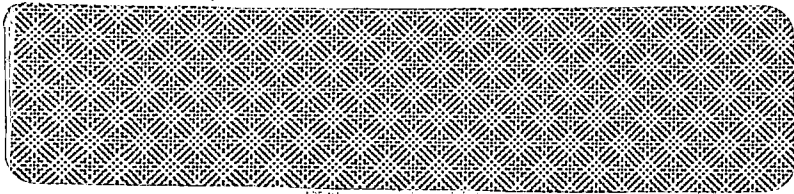
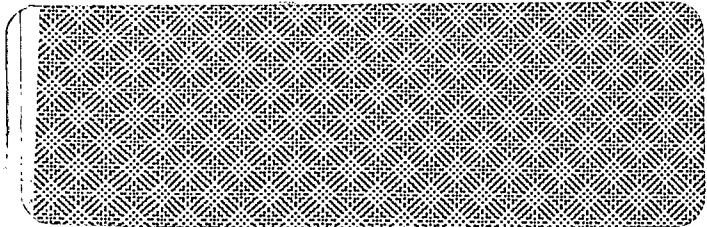
599,856
 30,324

NW ARIZONA AR 727

16 MAR 2000 PM 12 L



FOREVER / USA



72118-592801

