

**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

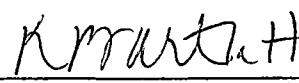
12/1/2019

MM/DD/YYYY

12/31/2019

TREATED WASTEWATER EFFLUENT SAMPLING

PARAMETER	Limit	Sample Measurement	UNITS	Monitoring	Reporting
Flow, Monthly total	REPORT	0.474307	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum	REPORT	0.029678	MGD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	29.4	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	30	25.7	mg/l		
Fecal Coliform Bacteria (FCB)	10,000	> 24196.0	colonies/100ml		
pH	6.0 - 9.0	7.1	s.u.		
Total Phosphorus (TP)	REPORT	6.35	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
Kathy Bartlett			(479) 530-5926	1/13/2020
TYPED OR PRINTED				MM/DD/YYYY

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

Repaired and currently repairing multiple dripline damage caused by neighbors fallen trees caused by storm Also replacing portions of the fence that were damaged

Dec 2019 VILLAGES OF CROSS CREEK LOADING RATES

Daily Max	29,678
Zone Identification	GPD/sq 2
1	3,354
2	3,354
3	3,354
4	3,354
5	3,354
6	3,354
7	3,977
8	4,630
9	Not used
10	Combined with 8
11	947
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: 1912020097
 Customer Name : DIXIELAND UTILITY LLC
 Customer/Permit No. : 1698 / 4811-WR-4 001
 Report Date : 01/02/20

Sample Date : 12/19/19
 Sample Time : 1415
 Sample Type : GRAB
 Sample From : EFFLUENT

Collected By: VLP
 Delivery By : VLP
 Work Order :
 Purchase Order :


Laboratory Analysis

Analysis			Laboratory Analysis				Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
12/19	1419	VLP	pH	7.1	S.U.		SM 2011 4500-H+ B	0.00	N/A *
12/27	1400	TWM	Phosphorous, Total (as P)	6.35	mg/L		EPA 365.3	0.90	111.0 *
12/30	1030	TSB	Solids, Total Suspended	25.7	mg/L		SM 2011 2540 D	26.17	N/A *
12/19	1600	VLP	Fecal Coliform (MPN/100mL)	> 24196.0	/100ml (b)		06/2012 Colilert18	0.00	0.0 *
12/20	1200	TSB	BOD, Carbonaceous	29.4	mg/L		SM 2001 5210 B	5.30	92.7

* 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.

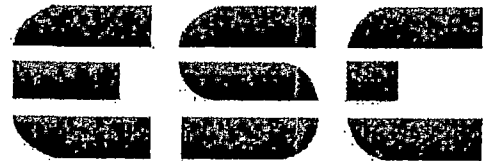
Signature _____


 Environmental Services Co., Inc.

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



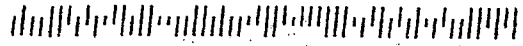
Corporate Office, Little Rock, Arkansas
 501-221-2565

Carlsbad, New Mexico
 575-887-1ESC

Phone: 479-750-1170 Fax: 479-750-1172

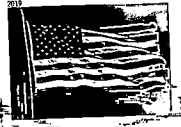
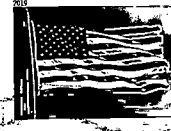
CHAIN OF CUSTODY

Client Information				Project Information						Requested Parameters																
Company Name: Dixieland Utility LLC.				Permit/Project #:						pH(23)	Phos(25)	CBOD(70), TSS(28)	Fecal Coliform(43.1F)													
Address: 3302 N. Dixieland Rogers AR				Purchase Order #:																						
Telephone: (479)936-0333 (Cell)				Sampler Name(s): <i>V-L PATE</i>																						
Telephone:				and Signature(s): <i>[Signature]</i>																						
ESC Client Number: 1698																										
Sample Identification		Sample Collection				Sample Containers				pH(23)	Phos(25)	CBOD(70), TSS(28)	Fecal Coliform(43.1F)													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#																	
Dose Tank/Effluent	19120200 97	12/19/19	1415	GRAB	Water	Teflon	150 mL	None	1									X								
				GRAB	Water	Plastic	8 oz	H ₂ SO ₄ , pH<2	1										X							
				GRAB	Water	Plastic	1 qt	None, Cool [†]	1											X						
				GRAB	Water	Whirlpak	100 ml	NaS ₂ O ₄ Cool [†]	1				X													
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:		Used?	<input checked="" type="checkbox"/>	Intact?	<input type="checkbox"/>													
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:		Regular	<input checked="" type="checkbox"/>	Special	<input type="checkbox"/>													
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:		Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>													
Comments:		FLOW DATA		Field Test		Time	Analyst	Result	Result	Units																
		Analyst:		pH:		1419	2/20	7.1	7.1	SU																
		Time:		Temp.:				19.0	19.0	°C																
		Reading:		DO:																						
		Units:		Debris:																						
Cool all samples to 6 degrees C.						Chlorinated? Yes No		This Document is Page ___ of ___																		



NWA UTILITY SERVICES, INC

PO Box 9299
Fayetteville, AR
72703

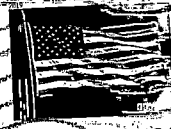


FOREVER / USA

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NWA P&DF 72701

THU 16 JAN 2020 PM



FOREVER / USA

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ADEG

Water Division / Permits
Branch

5301 Northshore Dr
N. Little Rock, AR

72118