

**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


9/1/2019

MM/DD/YYYY

9/30/2019

TREATED WASTEWATER EFFLUENT SAMPLING

PARAMETER	Limit	Sample Measurement	UNITS	Monitoring	Reporting
Flow, Monthly total	REPORT	0.477862	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum	REPORT	0.022456	MGD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	9.9	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	30	177.5	mg/l		
Fecal Coliform Bacteria (FCB)	10,000	201	colonies/100ml		
pH	6.0 - 9.0	6.8	s.u.		
Total Phosphorus (TP)	REPORT	8.38	mg/l	Grab sample once per quarter	
Total Kjeldahl Nitrogen (TKN)	REPORT	No Report	mg/l		
Ammonia Nitrogen	REPORT	No Report	mg/l		
Nitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N)	REPORT	No Report	mg/l		
Plant Available Nitrogen (PAN)	REPORT	No Report	mg/l	Daily	
Loading Rate	REPORT	No Report	gpd/ft 2		

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	10/14/2019
TYPED OR PRINTED				MM/DD/YYYY

COMMENTS AND EXPLANATION OF VIOLATIONS (*Reference all attachments here*)
 Exceeded TSS limit, the Pump Tank needed to have solids removed. Work completed in October
 Repaired 2 supply/return line fittings

Sept 2019 VILLAGES OF CROSS CREEK LOADING RATES

Daily Max	22456
Zone Identification	GPD/sq 2
1	2,537
2	2,537
3	2,537
4	2,537
5	2,537
6	2,537
7	3,009
8	3,503
9	Not used
10	Combined with 8
11	722
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: 1909020083
 Customer Name : DIXIELAND UTILITY LLC
 Customer/Permit No. : 1698 / 4811-WR-4 001
 Report Date : 10/03/19

Sample Date : 09/26/19
 Sample Time : 1330
 Sample Type : GRAB DIXIELAND
 Sample From : DOSE TANK EFFLUENT

Collected By: JEW
 Delivery By : JEW
 Work Order :
 Purchase Order :

Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
09/27	1330	JEW	pH	6.8 S.U.			SM 2011 4500-H+ B	0.00	N/A
09/30	1330	TSB	Phosphorous, Total (as P)	8.380 mg/L			EPA 365.3	2.23	112.0 *
09/30	1030	TSB	Solids, Total Suspended	177.5 mg/L	(b)		SM 2011 2540 D	0.00	N/A *
09/26	1645	TSB	Fecal Coliform (MPN/100mL)	201.0 /100ml			06/2012 Colilert18	19.59	0.0 *
09/27	0900	TSB	BOD, Carbonaceous	9.9 mg/L			SM 2001 5210 B	12.23	103.6 *

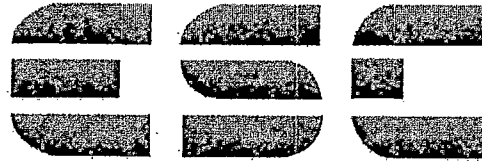
* QA data shown is from a different sample or standard on the same date.
 (b) Exceeds Permit Limits for Maximum Concentration

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.

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

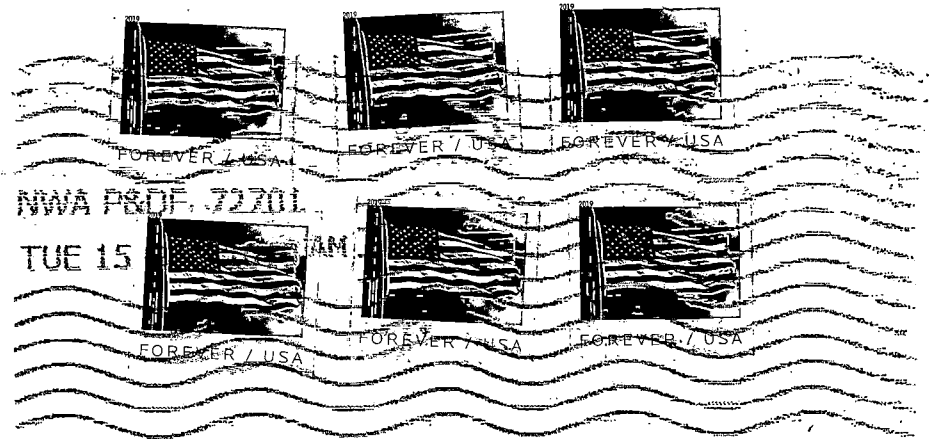
Phone: 479-750-1170 Fax: 479-750-1172

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.IF)								
Address: 3302 N. Dixieland				Purchase Order #:																	
Rogers AR				Sampler Name(s): <i>James Wiltse James Wiltse</i>																	
Telephone: (479)936-0333 (Cell)				and Signature(s):																	
Telephone:																					
ESC Client Number: 1698																					
Sample Identification		Sample Collection				Sample Containers															
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#												
Dose Tank/Effluent	1909020083	9-26-19	1330	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	Na ₂ O ₄ Cool†	1				X								
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:													
<i>James Wiltse James Wiltse</i>		9-26-19	1640					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:													
				<i>James Wiltse James Wiltse</i>		9-26-19	1640	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													
Comments:				FLOW DATA		Field Test		Time	Analyst	Result	Result	Units									
				Analyst:		pH:		1330	<i>JW</i>	6.8	6.8										
				Time:		Temp.:		1330	<i>JW</i>	28.4	28.5	°F									
				Reading:		DO:															
				Units:		Debris:															
Cool all samples to 6 degrees C.						Chlorinated? Yes No		This Document is Page <u>1</u> of <u>1</u>													

NWA Utility Service
PO BOX 9299
Fayetteville, AR

72703



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

72118-5317