

**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		MM/DD/YYYY
3/1/2019		3/31/2019

**TREATED WASTEWATER EFFLUENT SAMPLING**

PARAMETER	Limit	Sample Measurement	UNITS	Monitoring	Reporting
Flow, Monthly total	REPORT	0.527179	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum	REPORT	0.021811	MGD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	7.7	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	30	21.6	mg/l		
Fecal Coliform Bacteria (FCB)	10,000	24	colonies/100ml		
pH	6.0 - 9.0	7.3	s.u.		
Total Phosphorus (TP)	REPORT	6.58	mg/l		
Total Kjeldahl Nitrogen (TKN)	REPORT	No Report	mg/l	Grab sample once per quarter	
Ammonia Nitrogen	REPORT	No Report	mg/l		
Nitrate Nitrogen ( NO <sub>3</sub> -N) + Nitrite Nitrogen ( NO <sub>2</sub> -N)	REPORT	No Report	mg/l		
Plant Available Nitrogen (PAN)	REPORT	No Report	mg/l		
Loading Rate	REPORT	See Attached	gpd/ft <sup>2</sup>	Daily	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Kathy Bartlett  TYPED OR PRINTED	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.	 <b>SIGNATURE OF PRINCIPAL</b>  <b>EXECUTIVE OFFICER OR</b> <b>AUTHORIZED AGENT</b>	TELEPHONE	DATE
			(479) 530-5926	4/3/2019  MM/DD/YYYY

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

March 2019 VILLAGES OF CROSS CREEK LOADING RATES 21,811 Max Day

Zone Identification	GPD/sq 2
1	2465
2	2465
3	2465
4	2465
5	2465
6	2465
7	2923
8	3403
9	Not used
10	Combined with 8
11	2879
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: 1903020047  
 Customer Name : DIXIELAND UTILITY LLC  
 Customer/Permit No. : 1698 / 4811-WR-4 001  
 Report Date : 03/15/19

Sample Date : 03/08/19  
 Sample Time : 1206  
 Sample Type : GRAB  
 Sample From : DOSE TANK EFFLUENT

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

### Laboratory Analysis

Analysis			Laboratory Analysis				
Date	Time	By	Parameter	Result	Notes	Quantity	Method
03/08	1209	NTR	pH	7.3	S.U.		SM 2000 4500-H+ B
03/11	1230	AKA	Phosphorous, Total (as P)	6.580	mg/L		EPA 365.3
03/13	1100	AKA	Solids, Total Suspended	21.6	mg/L		SM 2011 2540 D
03/08	1615	TSB	Fecal Coliform (MPN/100mL)	24.0	/100ml		06/2012 Colilert18
03/08	1400	AKA	BOD, Carbonaceous	7.7	mg/L		SM 2001 5210 B
03/11		ESC	Sample Collection/Travel	1	each		

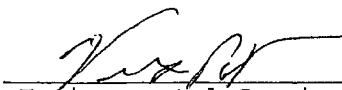
### Quality Assurance

Precision	Accuracy
% RPD	% Recovery
0.00	N/A *
0.00	108.0 *
31.15	N/A *
6.90	0.0
2.07	91.0 *

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

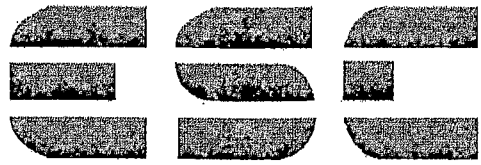
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of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

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): Ned Ryerson																		
Telephone: (479)936-0333 (Cell)				and Signature(s): Ned Ryerson																		
Telephone:																						
ESC Client Number: 1698																						
Sample Identification		Sample Collection				Sample Containers																
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#													
Dose Tank/Effluent	1903020047	3-8-19	1206	GRAB	Water	teflon	150 mL	None	1	x												
				GRAB	Water	Plastic	8 oz	H <sub>2</sub> SO <sub>4</sub> , pH<2	1		x											
				GRAB	Water	Plastic	1 qt	None, Cool†	1			x										
				GRAB	Water	Whirlpak	125 mL	Na <sub>2</sub> S <sub>2</sub> O <sub>4</sub> Cool†	1				x									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Date	Time	Custody Seals:												
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Date	Time	Used?	<input checked="" type="checkbox"/>	Intact?	<input type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab 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:		1208	NRL	7.3	7.3	5.0										
				Time:		Temp.:		1208	NRL	16.2	16.3	°C										
				Reading:		DO:																
				Units:		Debris:																
*Cool all samples to 6 degrees C.										Chlorinated? Yes No		This Document is Page 1 of 1										