

**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
5/1/2019	5/31/2019

**TREATED WASTEWATER EFFLUENT SAMPLING**

PARAMETER	Limit	Sample Measurement	UNITS	Monitoring	Reporting
Flow, Monthly total	REPORT	0.520351	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum	REPORT	0.019985	MGD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	7.9	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	30	31.5	mg/l		
Fecal Coliform Bacteria (FCB)	10,000	< 10	colonies/100ml		
pH	6.0 - 9.0	7.2	s.u.		
Total Phosphorus (TP)	REPORT	7.06	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.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			(479) 530-5926	6/7/2019
				MM/DD/YYYY

COMMENTS AND EXPLANATION OF VIOLATIONS (*Reference all attachments here*) Solids were high due to sludge in settling tank. We are scheduling to have tank and plant pumped. We will moito and report next month.

May 2019 VILLAGES OF CROSS CREEK LOADING RATES Max Day 19,985

Zone Identification	GPD/sq 2
1	2,258
2	2,258
3	2,258
4	2,258
5	2,258
6	2,258
7	2,678
8	3,118
9	Not used
10	Combined with 8
11	2,638
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: 1905020065  
 Customer Name : DIXIELAND UTILITY LLC  
 Customer/Permit No. : 1698 / 4811-WR-4 001  
 Report Date : 05/21/19

Sample Date : 05/13/19  
 Sample Time : 1330  
 Sample Type : GRAB  
 Sample From : DOSE TANK EFFLUENT

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

### Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
05/13	1331	VLP	pH	7.2	S.U.		SM 2000 4500-H+ B	1.38	N/A
05/20	1040	AKA	Phosphorous, Total (as P)	7.060	mg/L		EPA 365.3	0.82	106.0 *
05/16	0900	AKA	Solids, Total Suspended	31.5	mg/L	(b)	SM 2011 2540 D	11.87	N/A *
05/13	1600	AKA	Fecal Coliform (MPN/100mL)	< 10.0	/100ml		06/2012 Colilert18	0.00	0.0
05/15	1500	AKA	BOD, Carbonaceous	7.9	mg/L		SM 2001 5210 B	19.44	109.1

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

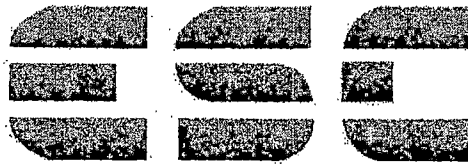
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of 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](http://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>V-L. PATE</i>										
Telephone: (479)936-0333 (Cell)				and Signature(s): <i>[Signature]</i>										
Telephone:				ESC Client Number: 1698										
Sample Identification		Sample Collection				Sample Containers								
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#					
Dose Tank/Effluent	1905020065	5/13/19	1330	GRAB	Water	teflon	150 mL	None	0	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:		Used?	Intact?			
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:		Regular	Special			
Relinquished By: (Signature and Printed Name) <i>V-L. PATE</i>		Date	Time	Received for Lab By: (Signature and Printed Name) <i>[Signature]</i>		Date	Time	Were samples properly preserved:		Yes	No			
Comments:		FLOW DATA		Field Test	Time	Analyst	Result	Result	Units					
		Analyst:		pH:	1331	930	7.2	7.3	50					
		Time:		Temp.:									°C	°F
		Reading:		DO:										
		Units:		Debris:										
Cool all samples to 6 degrees C.						Chlorinated? Yes No			This Document is Page ___ of ___					