

**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
4/1/2020	4/30/2020

TREATED WASTEWATER EFFLUENT SAMPLING

PARAMETER	Limit	Sample Measurement	UNITS	Monitoring	Reporting
Flow, Monthly total	REPORT	0.540,457	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum	REPORT	0.020937	MGD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	10.6	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	30	44	mg/l		
Fecal Coliform Bacteria (FCB)	10,000	15.5	colonies/100ml		
pH	6.0 - 9.0	7.3	s.u.		
Total Phosphorus (TP)	REPORT	7.24	mg/l	Grab sample once per quarter	
Total Kjeldahl Nitrogen (TKN)	REPORT	38	mg/l		
Ammonia Nitrogen	REPORT	37.8	mg/l		
Nitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N)	REPORT	4.17	mg/l		
Plant Available Nitrogen (PAN)	REPORT	42	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
TYPED OR PRINTED			(479) 530-5926	5/12/2020

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

Elevated TSS is due to needing to have sludge sucked from tanks. Have scheduled with septic hauler

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: 2004020157
 Customer Name : DIXIELAND UTILITY LLC
 Customer/Permit No. : 1698 / 4811-WR-4 001
 Report Date : 05/01/20

Sample Date : 04/22/20
 Sample Time : 1400
 Sample Type : GRAB
 Sample From : DOSE TANK EFFLUENT

Collected By: BRS
 Delivery By : BRS
 Work Order :
 Purchase Order :

Laboratory Analysis

Analysis			Laboratory Analysis				Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
04/24	1530	TSB	Ammonia as N, (HACH 10205)	37.80 mg/L			SM 2011 4500-NH3 F	0.54	106.6 *
04/28	0930	TSB	Total Kjeldahl Nitrogen	38.0 mg/L			02/2014 HACH 10242	5.26	101.0 *
04/22	1400	BRS	pH	7.3 S.U.			SM 2011 4500-H+ B	0.00	N/A *
04/23	0830	TSB	Phosphorous, Total (as P)	7.24 mg/L			EPA 365.3	1.85	110.0 *
04/27	1430	TSB	Solids, Total Suspended	44.0 mg/L	(b)		SM 2011 2540 D	26.85	N/A *
04/22	1620	TSB	Fecal Coliform (MPN/100mL)	15.5 /100ml			06/2012 Colilert18	0.00	N/A *
04/22	1630	TSB	BOD, Carbonaceous	10.6 mg/L			SM 2001 5210 B	26.73	112.0 *
04/30	0945	TSB	Nitrate + Nitrite	4.17 mg/L			01/2013 HACH 10206	0.39	98.4 *
04/30	1350	TSB	Nitrogen, Plant Available	42.0 mg/L			SM 1997 4500-N		

* 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.

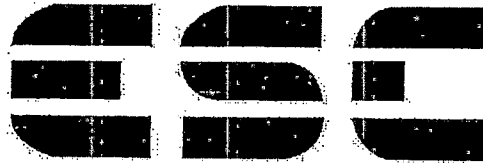
Signature _____

Environmental Services Co., Inc.

540, 457
 20, 937

JB

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



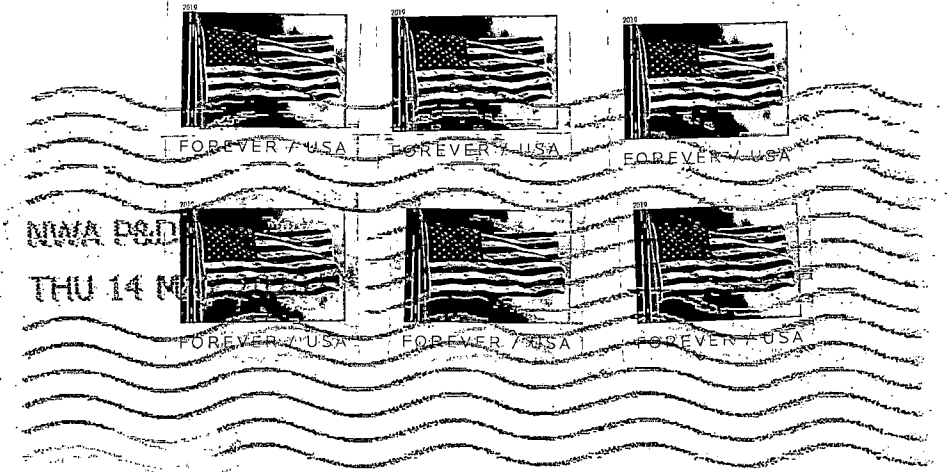
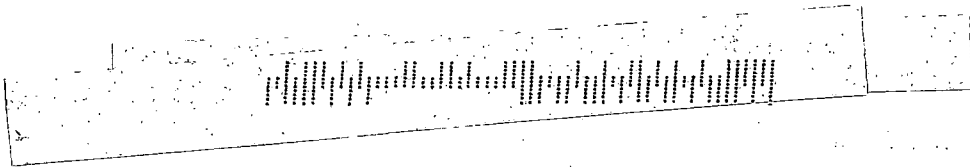
Corporate Office, Little Rock, Arkansas
 501-221-2565


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 #:		Quarterly			CBOD (70), TSS (28) T-Phosphorus (25) NH3-N (15.A), s-TKN (16.C) NO3-N+NO2-N (91), PAN (99.99) Fecal Coliform (43.IF) pH (23)						
Address:		3302 N. Dixieland Rogers AR				Purchase Order #:											
Telephone:		(479)936-0333 (Cell)				Sampler Name(s):		Brian Reichman									
Telephone:						and Signature(s):		[Signature]									
ESC Client Number:		1698															
Sample Identification		Sample Collection				Sample Containers											
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#								
Dose Tank/Effluent	2004020157	4/22/00	14:00	GRAB	Water	plastic	1/2 gal	None, Cool	1	X							
Dose Tank/Effluent	↓	↓	↓	GRAB	Water	plastic	250 ml	H2SO4, pH < 2	1		X	X	X				
Dose Tank/Effluent	↓	↓	↓	GRAB	Water	Sterile	100 mL	NaS2O4, Cool	1					X			
Dose Tank/Effluent	↓	↓	↓	GRAB	Water	Glass	250 mL	None	0						X		
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:		Used? <input 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 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 type="checkbox"/>		No <input type="checkbox"/>					
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units					
						Analyst:	pH:	14:00	BR5	7.3	7.3						
						Time:	Temp.:	✓	✓	20.9	21.1	°C		°F			
						Reading:	DO:										
						Units:	Debris:										
G:W\F JC\FORMS\CHAIN.XLS Cool all samples to 6 degrees C.						Chlorinated? Yes No		This Document is Page		1 of 2							



 ***NWA Utility Services Inc***
PO Box 9299
Fayetteville, AR 72703

ADEQ
Water Division/Branch
5301 Northshore Dr
N Little Rock, AR 72118