NWA Utility Services Inc PO Box 9299 Fayetteville, AR 72703

ADEQ Water Division Permits Branch 5301 Northshore Blvd N. Little Rock, AR 72118

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY MONITORING REPORT FOR DECENTRALIZED WASTEWATER TREATMENT FACILITIES VIA DRIP IRRIGATION MONTHLY MONITORING REPORT

PERMIT NO. PERMITTEE NAME FACILITY NAME (IF DIFFERENT) Villages of Cross Creek 4811-WR-4 Benton County, Arkansas Suburban Sewer District No 1 Villages of Cross Creek FACILITY ADDRESS PERMITTEE ADDRESS AFIN NO. PO Box 9299 3302 N Dixieland Rd 04-00899 Fayetteville AR 72703 Little Flock AR WASTEWATER EFFLUENT MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 2/1/2020 2/29/2020 TREATED WASTEWATER EFFLUENT SAMPLING PARAMETER Sample Measurement UNITS Monitoring Reporting Limit Total Flow per calendar month Flow, Monthly total REPORT MG 0.599,856 Flow, daily maximun REPORT 0.030326 MGD Daily 30 Carbonaceous Biochemical Oxygen Demand (CBOD5) 13.1 mg/l 30 Total Suspended Solids (TSS) 27 mg/l Fecal Coliform Bacteria (FCB) 10,000 6.3 colonies/100ml Grab Sample once per month 6.0 - 9.07.5 s.u. Prior to the 15th of the following Month REPORT Total Phosphorus (TP) mg/l Total Kjeldahl Nitrogen (TKN) REPORT mg/l REPORT Ammonia Nitrogen mg/l Grab sample once per quarter Nitrate Nitrogen (NO₃-N) + Nitrite Nitrogen (NO₂-N) REPORT mg/l Plant Available Nitrogen (PAN) REPORT mg/l REPORT Loading Rate gpd/ft 2 Daily I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH THE INFORMATION NAME/TITLE PRINCIPAL EXECUTIVE OFFICER TELEPHONE DATE SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR 3/13/2020 OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND (479) 530-SIGNATURE OF PRINCIPAL 5926 Kathy Bartlett COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, **EXECUTIVE OFFICER OR** TYPED OR PRINTED MM/DD/YYYY INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. **AUTHORIZED AGENT** COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

FEB 2020 VILLAGES OF CRO	SS CREEK LOADING RATES
Daily Max	30,326
Zone Identification	GPD/sq 2
1	3427
2	3427
3	3427
4	3427
5	3427
6	3427
. 7	4064
8	4731
9	Not used
10	Combined with 8
11	1,569
12	Not used
13	Not used
14	Not used
15	Not used
16	Not used
17	Not used

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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: 2002020095

Customer Name : DIXIELAND UTILITY LLC

Customer/Permit No. : 1698 / 4811-WR-4 001

Report Date : 02/27/20

Sample Date : 02/20/20

Sample Time : 1541

Sample Type : GRAB WATER

Sample From : DOSE TANK/EFFLUENT

Collected By: NTR Delivery By : NTR

Work Order :

Purchase Order:

	Laboratory Analysis						
Analysis			•	İ	Precision	Accuracy	
Date Time By	Parameter	Result Notes	Quantity	Method	% RPD	% Recovery	
02/20 1542 NTR	рH	7.5 S.U.	•	SM 2011 4500-H+ B	1.34	N/A *	
02/26 1400 TSB	Phosphorous, Total (as P)	6.30 mg/L		EPA 365.3	1.36	102.0 *	
02/25 1345 TSB	Solids, Total Suspended	27.0 mg/L		SM 2011 2540 D	13.35	N/A *	
02/20 1740 TWM	Fecal Coliform (MPN/100mL	6.3 /100ml		06/2012 Colilert18	0.00	0.0 *	
02/21 1200 TSB	BOD, Carbonaceous	13.1 mg/L		SM 2001 5210 B	0.00	96.3: *	

* 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.

599,850 30,326

Environmental Services Company, Inc. Northwest Arkansas 1107 Century Street Springdale, Arkansas 72762

Fax: 479-750-1172

website: www.esclabs.com

Phone: 479-750-1170

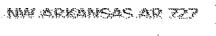
Corporate Office, Little Rock, Arkansas 501-221-2565

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

Client Information				Project Information							Requested Parameters						
Company Name: Address:	Name: Dixieland Utility LLC. 3302 N. Dixieland			Permit/Project #: Monthly Purchase Order #:													
Telephone:	Rogers AR (479)936-0333 (Cell)		Sampler Name(s): Ne		Ved Rierson			(28)		(F)							
Telephone:			and Signal	ampler Name(s): Ned Ryerson and Signature(s): Mul Gyun					(70), TSS (T-Phosphorus (25)	Fecal Coliform (43.IF)						
ESC Client Number: 1698		<u>. </u>		T)		1 ⋛	Sph	잉	₩			'			
	dentification	 	Sample Collection			Sample Containers		CBOD	윰	ga	1 (23)						
Identification	ESC Control #	Date	Time	Туре	Matrix	Type	Volume	Preservat	ive #	<u> 5</u>	上	T.	핂			<u> </u>	
Dose Tank/Effluen	nt 2002020095	2/20/20	1541	GRAB	Water	plastic	1/2 gal	None, Co	ol 1	<u> </u>	<u> </u>		·				
				GRAB	Water	plastic	250 MI	H₂SO₄, pH	< 2 1		X						
				GRAB	Water	Sterile	100 mL	NaS2O4, Cool				Х					
				GRAB	Water	Glass	250 mL	None					х				
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Relinquished By: (Signature and Printed Name) Date Time						Date	Time			N	Intact?						
Relinquished By: (Signature and Printed Name) Date Time		:						Time	Reg		ar V			cial			
Relinguished By: (Signature and Printed Name) Date Time Re 1/20 20 1735 Re			Received for tab By: (Signature and Printed Tame) VXV M2 EX III 12420		42420	735		Were samples prope Yes		operiy	No No			 			
Comments: 0 ()			. (FLOW DA	ATA '	Field Test		Analyst	Res		Resu		Units				
				Analyst: Time:		pH: Temp.:	1542	NM	17	1,5	7.	۷					
				Reading:		DO:			1		 		°C °F				
				Units:		Debris:			1.		 	\neg	1				
Cool all samples to 6 degrees C.				:			Chlorinated	? Yes No)	Thi	s Doo	cume	nt is	Pag	e <u>ſ</u>	of J	

72118-532801₄



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