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

PERMITTEE NAME				PERMIT NO.						
Benton County, Arkansas Suburbar No 1 Villages of Cross C			Villages of Cross C	Creek		4811-WR-4				
PERMITTEE ADDRES				AFIN NO.						
PO Box 9299			3302 N Dixieland	Rd		04-00899				
Fayetteville AR 7270	3									
	-	WAS	WASTEWATER EFFLUENT MONITORING PERIOD							
		MM/DD/YYYY	MM/DD/YYYY							
		6/1/2017		6/30/2017						
TREATED WASTEWATER EFFLU	ENT SAMPLING									
PARAMETER		Limit	Sample Measurement	UNITS	Monitoring	Reporting				
Flow, Monthly total		REPORT	REPORT 0.627791 MG Total Flow per calendar month							
Flow, daily maximun		REPORT	0.027891	MGD	Daily					
Carbonaceous Blochemical Oxygen Demand (CBOD5)		30	8.7							
Total Suspended Solids (TSS)		30	16.4	mg/l						
Fecal Coliform Bacteria (FCB)		10,000	32	colonies/100ml	Grab Sample once per month					
рН		6,0 - 9,0	6,5	s.u.		Prior to the 15th of the				
Total Phosphorus (TP)		REPORT	6	mg/l		following Month				
Total Kjeldahi Nitrogen (TKN)		REPORT	No Report	mg/l						
Ammonia Nitrogen		REPORT	No Report	mg/l	Grab sample once per quarter					
Nitrate Nitrogen (NO3-N) + Nitrite Nitro	itrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N)		No Report	mg/l	Grap sample once her dualter					
Plant Available Nitrogen (PAN)		REPORT	No Report	mg/l						
Loading Rate		REPORT	See Attached	gpd/ft 2	Daily					
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	CERTIFY UNDER PE	NALTY OF LAW THAT I HAVE PERSONA	LLY EXAMINED AND AM WITH TH	HE INFORMATION	2/ //	TELEPHONE	DATE			
	SUBMITTED HEREIN;	AND BASED ON MY INQUIRY OF THOSE	Comety Alga	7	7//0/004					
	OBTAINING THE INF	SIGNATURE OF PRINCIPAL		7/12/201						
Kathy Bartlett	COMPLETE. I AM AW	ARE THAT THERE ARE SIGNIFICANT PE	NALTIES FOR SUBMITTING FALS	EXECUTIVE OFFICER OR	5926					
TYPED OR PRINTED		NCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. AUTHORIZED AGENT								
COMMENTS AND EXPLANATION	OF VIOLATIONS (Re	ference all attachments here)								

une 2017 VILLAGES OF CROSS CREE	K LOADING RATES 27,891 Max day
Zone Identification	GPD/sq 2
1	3,152
2 '	3,152
3	3,152
4	3,152
5	3,152
6	3,152
7	3,737
8	4351
9	Not used
10	Combined with 8
11	3,682
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: 1706020113

Customer Name : DIXIELAND UTILITY LLC

Customer/Permit No. : 1698 / 4811-WR-4 001 Report Date : 06/15/17

Sample Date : 06/09/17

Sample Time : 1209

Sample Type : GRAB DOSE TANK Sample From : EFFLUENT

Collected By: RHB Delivery By : RHB

Work Order :

Purchase Order :

		Quality Assurance				
Analysis					Precision	Accuracy
<u>Date Time By</u>	Parameter	Result Notes	Quantity	Method	% RPD	% Recovery
06/09 1211 RHB	рН	6.5 S.U.		SM 2000 4500-H+ B	0.00	N/A
06/12 1530 TSB	Phosphorous, Total (as P)	6.0 mg/L		EPA 365.3	3.28	101.2 *
06/14 1315 JCB	Solids, Total Suspended	16.4 mg/L		SM 1997 2540 D	19.61	N/A *
06/09 1300 AEU	Coliform, Fecal	32 /100ml		SM 9222 D 1997	22.22	N/A
06/09 1400 TSB	BOD, Carbonaceous	8.7 mg/L	•	SM 2001 5210 B	4.83	92.4 *

* 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.

Environmental Services Co., Inc.

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

Websile: www.esclabs.com

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

> Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

Company Name: Dixieland Utility LLC. Address: 3302 N. Dixieland Rogers AR Telephone: (479)936-0333 (Cell) Telephone: and Signature(s): Licitaz D Brown Sample Identification Sample Collection Sample Containers Identification ESC Control # Date Time Type Matrix Type Volume Preservative # # His Collection Dose Tank/Effluent 1706/02/01/3 6-9-17 12:09 GRAB Water tefion 150 ml none 1 x x x x x 1	Phone: 479-750-1170	Fax: 479-750-1172		C	HAIN (OF CU	STO	DY										
Address: 3302 N. Dixieland Rogers AR Regers AR	Client Information				Project Information					Requested Parameters								
Rogers AR	Company Name:	Dixieland Utility LLC.			Permit/Pro	oject#:												
Dose Tank/Effluent	Address:	: 3302 N. Dixieland			Purchase										<u>@</u>			
Dose Tank/Effluent											1	l		90				
Dose Tank/Effluent	Telephone:		(Cell)		Sampler Name(s): Figure			Mas Branch					5.A)		6)N			
Dose Tank/Effluent							TPD- Property					١	-),P.¢	<u>m</u>	- 1		
Dose Tank/Effluent	TOTO PROFITO		····		and Signaturals)		and Tear				1	75	1(91	(28	n(4			
Dose Tank/Effluent	ESC Client Number:	1608			and olyna	ture(s):	1-100	MASK DI	William C			ł	Ž	7 7	135	f		
Dose Tank/Effluent		**************************************	T	C									25)	6.A)	70)	🗟		
Dose Tank/Effluent				1	7	1			T			1(2))soı	E)N	go	gal	ļ	
GRAB Water Plastic 8 oz H ₂ SO ₄ , pH-2 1 X X X		 			Type	Matrix	Туре	Volume	e Preservative		#	효	à.	<u> </u>	8	<u> </u>		
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GRAB Water Whirlpak 300ml NaS2O4 1		 		 	GRAB	Water	Plastic	8 oz	H _z SO ₄ ,pH-	<2	1		х	х				
Received By: (Signature and Printed Name) Duto Timo Tim					GRAB	Water	Plastic	1 qt	-		1				x			
Refriquished By: (Signature and Printed Name) Date Time Received By: (Signature and Printed Name) Date Time Regular V Special Were samples properly preserved: Yes No No Analyst: DH: /2:// Printed Name) Result Units Result Units Reading: DO: Units: Debris:				l l	GRAB	Water	Whirlpak	300ml			1.					x		\top
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Time: Temp.: 1 23.2 23.3 90° °F Reading: DO: Debris: Units; Debris: Debris:																	THIS	
Units; Debris:					() objectively the state of th	Time:		Temp.;								<u> </u>	°F	
	Cool all samples to 6 degrees C.				وجرا ومنظول ويروان والمنافي والمنافز المنافرة	(4) 13 (42)			? Yes N	L 0		This	Doc	ume:	nt is	Page	of	5