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

PERMITTEE NAME	<i>y</i>	and the second s		PERMIT NO.								
Benton County, Arkansas Suburban No 1 Villages of Cross Cro PERMITTEE ADDRESS	eek		Villages of Cross Creek 4811-WR-4 FACILITY ADDRESS AFIN NO.									
PO Box 9299		Security to the second and the second	3302 N Dixielano	and the Control of th	and the second s	04-00899						
Fayetteville AR 72703			Little Flock AF	<u> </u>								
			WATER EFFLUENT MO	ONITORING PERI								
		MM/DD/YYYY			MM/DD/YYYY							
		1/1/2017		· · · · · · · · · · · · · · · · · · ·	1/31/2017							
TREATED WASTEWATER EFFLUE	NT SAMPLING											
PARAMETER		Limit	Sample Measurement	UNITS	Monitoring	Reporting						
Flow, Monthly total		REPORT	0.604462	MG	Total Flow per calendar month							
Flow, daily maximun		REPORT	0.025308	MGD	Daily							
Carbonaceous Biochemical Oxygen De	mand (CBOD5)	30	15.5	mg/l								
Total Suspended Solids (TSS)		30	23.5	mg/l								
Fecal Coliform Bacteria (FCB)		10,000	10	colonies/100ml	Grab Sample once per month							
рН		6.0 - 9.0	7	s.u.		Prior to the 15th of the						
Total Phosphorus (TP)	Total Phosphorus (TP)		6.1	mg/l		following Month						
Total Kjeldahl Nitrogen (TKN)		REPORT	34.72	mg/l								
Ammonia Nitrogen		REPORT	22. 2 mg/l		. Grab sample once per quarter	,						
Nitrate Nitrogen (NO3-N) + Nitrite Nitrog	gen (NO2-N)	REPORT	4.1	mg/l	- Glab sample once per quarter							
Plant Available Nitrogen (PAN)		REPORT	30.1	mg/l								
Loading Rate		REPORT	See Attached	gpd/ft 2	Daily							
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PEN	IALTY OF LAW THAT I HAVE PERSONALLY	EXAMINED AND AM WITH T	HE INFORMATION	1.1	TELEPHONE	DATE					
	SUBMITTED HEREIN;	AND BASED ON MY INQUIRY OF THOSE IN	DIVIDUALS IMMEDIATELY RE	SPONSIBLE FOR	Kennett Segon		2/9/2017					
	OBTAINING THE INFO	DRMATION, I BELIEVE THE SUBMITTED	INFORMATION IS TRUE,	ACCURATE, AND	SIGNATURE OF PRINCIPAL		2/9/2017					
Kathy Bartlett	COMPLETE. I AM AWA	ARE THAT THERE ARE SIGNIFICANT PENAL	TIES FOR SUBMITTING FALS	SE INFORMATION,	EXECUTIVE OFFICER OR	5926						
TYPED OR PRINTED		IBILITY OF FINE AND IMPRISONMENT.			AUTHORIZED AGENT		MM/DD/YYYY					
COMMENTS AND EXPLANATION O showed them how to pull future sail	of VIOLATIONS <i>(Ref</i> mples at this site, a	erence all attachments here) We fee nd they pulled second TSS sample	l the lab tech did not pro which came back und	perly pull first sam er permit limits. \	ple, which made our solids high We will monitor in future. Drip	er. We met with lab and Field repairs will be done	e as weather					

permits.

VILLAGES OF CROSS CREEK LOADING RATES Jan 2017										
Zone Identification	GPD/sq 2									
1	2,860									
2	2,860									
3	2,860									
4	2,860									
5	2,860									
6	2,860									
7	3,391									
8	3,948									
9	Not used									
10	Combined with 8									
11	3,341									
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: 1701020153

Customer Name : DIXIELAND UTILITY LLC

Customer/Permit No. : 1698 / 4811-WR-4 001 Report Date : 01/20/17 Sample Date : 01/13/17

Sample Time: 1035 Sample Type: GRAB

Sample From : DOSE TANK EFFLUENT

Collected By: JB
Delivery By : JB
Work Order :

Purchase Order :

	Quality A	ssurance							
Analysis	Analysis								
Date Time By	Parameter	Result]	Notes	Quantity	Method	% RPD	% Recovery		
01/13 1510 AEU	Ammonia Nitrogen	22.2 mg/L			SM 1997 4500-NH3 F	0.00	98.3 *		
01/18 1300 TSB	Kjeldahl Nitrogen Total	34.72 mg/L			SM 1997 4500-NorgB	1.60	101.0 *		
01/13 1035 JCB	рН	7.0 S.U.			SM 2000 4500-H+ B	0.00	N/A *		
01/16 1315 TSB	Phosphorous, Total (as P)	6.1 mg/L			EPA 365.3	1.90	102.7		
	Solids, Total Suspended	32.1 mg/L	(b)		SM 1997 2540 D	0.00	N/A *		
01/13 1645 AEU	Coliform, Fecal	10 /100ml			SM 9222 D 1997	0.00	N/A *		
01/13 1200 TSB	BOD, Carbonaceous	15.5 mg/L			SM 2001 5210 B	1.35	85.0 *		
01/16 1440 TSB	Nitrate + Nitrite	4.1 mg/L			SM 2000 4500-NO3 E	1.42	99.6 *		
01/19 1515 TSB	Nitrogen, Plant Available	30 1 mg/T.			SM 1997 4500-N				

(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.

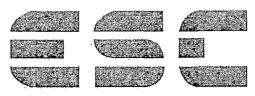
Signature

Environmental Services Co., Inc

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

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

CHAIN OF CUSTODY

Priorie: 479-750-1170	rax: 4/9-/50-11/2		<u> </u>	1/1/11								_		-				
Client Information				Project Information .							F	Req	ues	ted	Para	ame	ters	-
Company Name:	Dixieland Utility LLC	O		Permit/Project #:														
Address:	3302 N. Dixieland			Purchase Order #:									1	6				
	Rogers AR]			ι Λ	1						99.6				
Telephone:	(479)936-0333	(Cell)		Sampler N	lame(s):	John Bysel					5.A		TSS(28),PAN(99.99)					
Telephone:	(1.0/000 0000	15-17				Bu B	11 1				S	ਜ਼	3),P.	1 3)				
100phono.				and Signa	turo(s):		10m ourses					Ξ,	6)N	5(2)) E			
ESC Client Number: 1698			anu Signa	ture(s).							Phos(25), NH ₃ -N(15.A)	TKN(16.A)N+N(91)	, TS	Fecal Coliform(43)				
	The state of the s		0 1 -	0-11	and the state of the section of the		Carrella (2		-	္ထ	(25	6.A	CBOD(70),	8			ļ
Sample Idei				Collection	1	3_ 14		Containers			pH(23)	SOC	I) L)	ا ق ا	<u>ca</u>			
Identification	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	itive	#	ā		Ě	Ü	Fe			
Dose Tank/Effluent	170/000153	1/13/17	1035	GRAB	Water	teflon	150 ml	none		_1_	х		L					
				GRAB	Water	Plastic	8 oz	H₂SO₄,pH<	2	1		х	х					
				GRAB	Water	Plastic	1 qt	none/ice		1				х				
				GRAB	Water	Whirlpak	300ml	NaS2O4		_1					х			
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Relinguished By: (Signature and Printe	John Byrd	Date /13/17	1230								Used'		N		intac	:t7		
Relinquished By (Signature and Printe	d Name) /	Date	Time	Received By: (Si	gnature and Printe	d Name)		Date	Tim		Regul	around Ilar): X	1	Spèc	cial I		
Relinquished By: (Signature and Printe	d Name)	Date	Time	Received for Lab	By: (Signature an	d Printed Name) 11 1	() Date	J.Tlm	θ	Were	samp	oles pr	operly	prese	rved:	است. رسستم	
0				Can	FLOW D		Field Test	7/13/17 Time	1055		Resu		Yes 🔀		No			
Comments:				Analyst:	AIA	pH;	1025	Analyst		7.		Result Unit		Utilis	uil e ·			
					Time:		Temp.:	11/9	<u> </u>	2		2,60	1.7.	5	(G) °F			
					Reading:		DO: Debris:	ļ	-									
	Cool all samples to 6 de	arees C		**************************************	Units:		Chlorinated	l? Yes N	L		This	. Dor	Lume	nt is	Page	e	of <u>I</u>	
	Cool all samples to o de	grees o.					Cilionnalec	: 169 IV	<u> </u>		11110	- 000	741110	116 13	<u> </u>	´ 	<u> ~</u>	لـــــ

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: 1701020440

Customer Name : DIXIELAND UTILITY LLC

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

Report Date : 02/01/17

Sample Date : 01/31/17

Sample Time: 1104 Sample Type: GRAB

Sample From : DOSE TANK EFFLUENT

Collected By: AU

Delivery By : AU Work Order :

Purchase Order .

	Quality 1	Assurance				
Analysis					Precision	Accuracy
Date Time By	Parameter	Result Not	es Quantity	<u> Method</u>	% RPD	% Recovery
01/31 0820 TSB	Solids, Total Suspended	23.5 mg/L		SM 1997 2540 D	0.00	N/A *
01/31 1104 AEU	Sample Collection/Travel	1 each			1 '	

* 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

Fax: 479-750-1172

Phone: 479-750-1170

FORMSICHAIN.XLS



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	e:	Dixieland Utility LL	C.		Permit/Pro	Permit/Project #:											,			
Address: 3302 N. Dixieland Rogers AR			Purchase Order#:												'					
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			Sampler N	lame(s):	Smil	serll	ndon	تكثر	2	\vee	5.A		'		'					
Telephone:			(40.11	 	1		/		, , , , , ,			0	N N	ਜ		43)				
					and Signa	ture/s\							H ₃	6)N		Ē				
ESC Client Number: 1698				- and Olgina	ture(s). <u>c</u>			- Za				Z	‡ 		ifor					
		tification	<u> </u>	Sample	Collection	***************************************	T	Sample (Container	S		ଛ	\$25		1					
Identificati		ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva		#	pH(23)	Phos(25), NH ₃ -N(15.A)	TKN(16.A)N+N(91)	TSS(28),	Fecal Coliform(43)				
Dose Tank/E					GRAB	Water	teflon	150 ml	none		1								_	
5000 (4/11/12					GRAB	Water	Plastic	8 oz	H₂SO₄,pH<		1				 				_	
		1701020440	1/3/12	1104	GRAB	Water	Plastic	1 qt	none/ice		1	_		_	x	┢			-	
· , , , , , , , , , , , , , , , , , , ,		1701020440	4.7/17	1110-1			 	1	NaS2O4					-	 ^		-		-	
					GRAB	Water	Whirlpak	300m!	NA0204		1			 	├─		_	 	-	
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L								<u> </u>							<u> </u>	<u> </u>			_	
Relinquiened-by: (Signatu	re and Printed	Der Underward	1/3/17	1135	Received By: (Signature and Printed Name) Date Time						ne	Custo	ody Se	als;	1	Intact?				
Relinquished By: (Signatu	re and Printed	Narna)	17,5111.7 Date	Time	Received By: (Si	gnature and Printe	l Name)	·····	Date	Tin	ne		around	<u> </u>					-	
					<u> </u>	· · · · · · · · · · · · · · · · · · ·		···				Regu		V.		Spe			_	
Relinquished By: (Signature and Printed Name) Date Time			Received for Lab	By: (Signature and	i Printed Name よるに の に に に に に に に に に に に に	pown -	Date 1-31-17	Tin	33	vvere	Yes	X	roperly	/ prese	No No					
Comments:				· · · · · · · · · · · · · · · · · · ·	FLOW D		Field Test	Time	Analy	st	Rest	ult	Res	ult		Unite	3	_		
						Analyst:		pH:		<u> </u>		<u> </u>				°C		°F	_	
						Time: Reading:		Temp.: DO:		 		\vdash		\vdash		 ``			-	
						Units:		Debris:	 	1				 		\vdash			-	
		Cool all samples to 6 de	grees C.			<u> </u>		Chlorinated	? Yes N	lo		This	Doc	cum€	ent is	Pag	e 🛴	ofl	•	
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