## ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY MONITORING REPORT FOR DECENTRALIZED WASTEWATER TREATMENT FACILITIES VIA DRIP IRRIGATION NO DISCHARGE MONTHLY MONITORING REPORT

	PERMITTEE NAME	
	Cane Island Estates LLC	
	PERMITTEE ADDRESS	
	Danny Hames	
ľ	39 Nottingham Lane	
	Rogers, AR 72758	

1.2	FACILITY NAME (IF DIFFERENT)
	Cane Island Subdivision
	FACILITY ADDRESS
	CR 7002 Bull Shoals Rd. Marion County

	MONITORING PERIOD	
MM/DD/YYYY	TO	MM/DD/YYYY
8/1/2019		8/31/2019

. <u> </u>	V 10 1		EFFL	UENT	LIMITS, MONITORING,	AND REPORTING	REQUIREMENTS	i 	EDE	DUENCY OF		
PARAMETER					PERMIT LIMIT	SAMPLE MEA	UNITS	A	SAMPLE TYPE			
CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND (CBODS)					30	3	} }	MG/L				
TOTAL SUSPENDED SOLIDS (TSS)					45	< 2	MG/L					
FECAL COLIFORM BACTERIA (FCB)					2000	<	COLONIES/100ml	Once per Month / Grab				
<u></u>	<del></del> -	······································			6.0 - 9.0	7.	s.u					
OTAL PHOSPI	HOROUS (T	P)			Report	7.7	73	MG/L				
OTAL KJELDA	AHL NITROG	EN (TKN)			Report	No R	eport	MG/L				
NITROGEN AMMONIA NITROGEN (NH 3 - N)					Report	No R	MG/L	Once per Quarter / Grab				
NITRITE NITROGEN (NO 3 - N ) + NITRATE NITROGEN (NO 2 - N )				Report	No R	MG/L	Ono por quanti i oraș					
PLANT AVAILABLE NITROGEN (PAN)					Report	No R	eport	MG/L				
TOTAL FLOW						MONTHLY TOTAL DAILY MAX						
				· · · · · · · · · · · · · · · · · · ·	15,649 1,418		GPD					
		3.			NG RATE LIMITS, MON			REMENTS		· · · · · · · · · · · · · · · · · · ·	<u> </u>	
Zone ID	Limit	Units	Maximum Volume Limit	Units		Reported	<del></del>	4				
Zone 1	0.62	gpd/ft 2	15,653	gpd	Daily	1,4		4				
Zone 2	0.62	gpantz	37,529	gpd	Daily	i .	Not Used				<del></del>	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  I CERTIFY UNDER PENALTY OF WITH THE INFORMATION SUBMIT INDIVIDUALS IMMEDIATELY RES					REIN; AND BASED ON MY IN: ILE FOR OBTAINING THE	QUIRY OF THOSE INFORMATION, I	A MY MY SIGNATURE OF	HAS PRINCIPAL	479	530-5926	9/4/2019	
AWARE THAT THERE ARE S				IGNIFICA	MATION IS TRUE, ACCURATE, AND COMPLETE. I AM SIGNATURE OF PRINCIPAL SHIFICANT PENALTIES FOR SUBMITTING FALSE EXECUTIVE OFFICER OR SSIBILITY OF FINE AND IMPRISONMENT. AUTHORIZED AGENT					NUMBER	MM/DD/YYY	

#### 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: 1908010030

Customer Name : CANE ISLAND ESTATES POA

Customer Number: 3859
Report Date: 08/14/19

Sample Date : 08/02/19

Sample Time : 1105

Sample Type : GRAB WWATER Sample From : FINAL EFFLUENT Collected By: NTR

Delivery By : NTR

Work Order : Purchase Order :

	Quality Assurance					
Analysis				1	Precision	Accuracy
Date Time By	Parameter	Result Notes	Quantity	Method	% RPD	% Recovery
08/02 1106 NTR	На	7.4 S.U.	SM	2011 4500-H+B	0.00	N/A *
08/09 1200 PJC	Phosphorous, Total (as P)	7.730 mg/L	HAC	H 10209	4.16	104.1 *
08/05 1045 PJC	Solids, Total Suspended	< 2.50 mg/L	SM	2011 2540 D	0.00	N/A *
08/02 1630 JCK	Fecal Coliform	< 1.0 /100ml	06/	2012 Colilert18	0.00	N/A *
	BOD, Carbonaceous	3.00 mg/L	SM	2011 5210 B	0.00	103.0 *

\* 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. Corporate Office

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

### **CHAIN OF CUSTODY**

Client Information								Pr	oject Inf	ormation	)				Req	ues	ted	Para	ame	ters	3	
Client:		Cane Island Es	tates	POA				Permit/Pro	Permit/Project#:													
Address:		39 Nottingham	Lane	)				Purchase Order #:														
_	Rogers, AR 72758						Work Orde	Work Order # 111816-AEG2								1						
Phone:		479-619-8450						Sampler N	Sampler Name(s): Ned Ryerson													
Fax:	rhames@nwark.com						]		,		7			6		Ē			}			
Contact:	Mr. Rusty Hames														CBOD(70)		n(43					
ESC Client Number: 3859 Monthly						1	• •			0			B	2)	lifor					ĺ		
	mple Ident	tification				Sai	mple	Collection			Sample (	Container	S		(28)	I P(2	Fecal Coliform(43.IF)			Ì		
Identifica		ESC Control	#			Time		Туре	Matrix	Туре	Volume	Preserva		#	TSS(28),	Total P(25)	Fece					
Final Effluent		40800630	, (	8-2+1	લ	110	5	Grab	Wwater	Plastic	1/2 Gal	Cool ≤ 6° (	;		Х							
						,	1	Grab	Wwater	Plastic	1 Liter	Coal ≤ 6° C, H2SO4 to pH <2				Х						
								Grab	Wwater	Whirlpak	4 oz.	Cool <10°C, Na2S2O3					x					
				**********						1										$\neg$		Г
	***										<u> </u>									$\neg$		$\Box$
<u> </u>																			$\neg$			$\Box$
Relinquished By: (Signa	ature and Printed	Nате)		Date		11	me	Received By: (Sig	mature and Print	ed Name)		Date	Tim	19	ĺ	ody Se		 				; 
Relinquished By: (Signa	ature and Printed	Name)		Date		- Yi	me	Received By: (Sig	nature and Print	ed Name)		Date	Tim	10	Used <sup>*</sup> Tuma	round	X)	L	Intac	7		<u> </u>
	<del></del>												Regu		X	L	Spec					
Relinguished By (Signature and Printed Name)  Date  Time  9-2-19 1600							Received for lab	yr (Signature at	id Printed Nam	*){e/	8-2-19	Tim (6 (	עי				les properly preserve		ved: No		ĺ	
Comments:								Flow L						Result		Resu			Units			
S	ite Address:	1364 Cane Island		<u> </u>							pH:	1100 NOC		4	7	74 7.4		5	SU			
		Flippin, AR 7263	34	<del></del>						··	<del> </del>			_								
	<del></del>											<del> </del>	<del>                                     </del>	$\dashv$								
											Fecal Start:	1620	TGI	K	This	Docu	ment	is Pa	ige 📗	of į	<u> </u>	



# NWA Utility SUNICES POBOX 9299 FAYETTEVILLE AR 72704







FOREVER / USA



OREVER / US



FOREVER / USA

ADEQ Water DIVISION / Permits Branch 5301 Northshore BIVA N. hittle Rock, AR 72118-5317