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	
39 Nottingham Lane	
Rogers, AR 72758	_

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

PERMIT NO.	
4899-WR-3	
AFIN NO.	
45-00214	

MONITORING PERIOD									
MM/DD/YYYY	TO	MM/DD/YYYY							
3/1/2021		3/31/2021							

· ·			EFFL	UENT LIMITS, MONITORING, AND REPORTING REQUIREMENTS						the second secon				
		PARAMETER PERMIT LIMIT SAMPLE MEASUREMENT			JREMENT	UNITS		QUENCY OF	SAMPLE TYPE					
CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND (CBOD5)			30		< 2.0			MG/L						
TOTAL SUSPENDED SOLIDS (TSS)				45	< 2.5			MG/L						
FECAL COLIFORM BACTERIA (FCB)				2000	1732.8			COLONIES/100ml		th / Grab				
рН			6.0 - 9.0		7		s.u							
TOTAL PHOSPHOROUS (TP)				Report		5.460		MG/L	1					
TOTAL KJELDAHL NITROGEN (TKN)				Report		4		MG/L	- /					
NITROGEN AMMONIA NITROGEN (NH 3 - N)				Report		0.27		MG/L						
NITRITE NITROGEN (NO 3 - N) + NITRATE NITROGEN (NO 2 - N)			Report		29.14		MG/L		Once per Quar	ter / Grab				
PLANT AVAILABLE NITROGEN (PAN)			Report		27.8		MG/L							
OTAL FLOW				MONTHLY TOT	ONTHLY TOTAL DAILY MAX		GPD	CDD						
OTAL FLOW						26,714 2,017		GPD						
v			DRIP ZONES I	LOADII	NG RATE LIMITS, MON	ITORING AND R	EPO	RTING REQUIP	REMENTS			e		
Zone ID	Limit	Units	Maximum Volume Limit	Units	Monitoring	Reporte	d ma	ximum						
Zone 1	0.62		15,563	gpd	Daily	2	2,017							
Zone 2	0.62	gpd/ft 2	37,529	gpd	Daily	No	ot Use	d						
NAME/TITLE PRIN	ICIPAL EXECUTI	VE OFFICER	I CERTIFY UNDER PENALTY OF I	AW TH	AT I HAVE PERSONALLY EX	AMINED AND AM			1	TE	ELEPHONE			
			WITH THE INFORMATION SUBMIT		•	1	2	mass	7 H					
INDIVIDUALS IMMEDIATELY RE				SPONSIBLE FOR OBTAINING THE INFORMATION, I			$A_4 \mathcal{O} \mathcal{O}$	479	530-5926	5/14/2021				
Natify Dartiett			MATION IS TRUE, ACCURATE, AND COMPLETE. I AM SIGNATURE OF F											
TYPED OR PRINTED						EXECUTIVE OF		AREA NUMBER		MM/DD/YYYY				
٠,			INFORMATION, INCLUDING THE PO			ENI.		AUTHORIZE	AGENT	CODE				
COMMENTS	AND EXPLA	NATION O	F VIOLATIONS (Reference all	attach	ments here)									
									4					

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: 2104010033

Customer Name : CANE ISLAND ESTATES POA

Customer Number: 3859
Report Date: 04/17/21

Sample Date : 04/08/21

Sample Time : 1015

Sample Type : GRAB WWATER Sample From : FINAL EFFLUENT Collected By: WGW Delivery By : WGW

Work Order: Purchase Order:

		Laboratory Analysis			Quality A	Assurance
Analysis				ĺ	Precision	Accuracy
Date Time By	<u> Parameter</u>	Result Not	ces <u>Quantity</u>	Method	_ % RPD	% Recovery
04/09 1156 ZWA	Ammonia as N, (HACH/SM)	0.27 mg/L		SM 2011 4500-NH3-G		98.1 *
04/13 1235 AKA	Total Kjeldahl Nitrogen	4.3 mg/L		02/2014 HACH 10242	21.43	101.0 *
04/08 1020 WGW	рН	7.0 S.U.		SM 2011 4500-H+B	0.00	N/A
04/12 0645 KNM	Phosphorus, Total (as P)	5.460 mg/L		EPA 365.1	1.87	99.4 *
04/12 0955 ZWA	Solids, Total Suspended	< 2.50 mg/L		SM 2011 2540 D	19.59	N/A *
04/15 1437 KNM	Nitrogen, Plant Available	29.14 mg/L		33 MSA 2nd Ed		,
04/08 1612 BXW	Fecal Coliform	1732.8 /100ml		06/2012 Colilert18	0.00	N/A *
04/09 0630 BXW	BOD, Carbonaceous	< 2.0 mg/L		SM 2011 5210 B	0.00	109.0
04/12 0750 KNM	Nitrate + Nitrite	27.80 mg/L		HACH 10206	2.19	94.1
				i		

* 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

DW 2017

nmental Services Company, Inc.
Corporate Office

13715 West Markham Little Rock, AR 72211 P.O. Box 55146 Little Rock, AR 72215

website: www.esclabs.com

Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

Phone: 501-221-2565 Fax: 501-221-1341 CHAIN OF CUSIODY Client Information Project Information																		
		Pro	oject Inf	ormation	1				Req	ues	ted	Par	ame	eters				
Client:	Cane Island Estate	es POA		Permit/Pro	ject #:													
Address:	39 Nottingham Lane			Purchase	Order #:													
	Rogers, AR 72758					111816	-AEG2						æ					
Phone:	e: 479-619-8450					Sampler Name(s): William Lillaghby							(15.					
Fax:	rhames@nwark.co	<u>m</u>		1				7. 1			5		onia		Ē			
Contact:	Mr. Rusty Hames			and Signa	ture(s):	1150am	المالكارك المالكارك	ushle)			CBOD(70)	÷	Ammonia(15.A)		n(43			
ESC Client Number:	3859	Quarterly					/	70			8	2 (9		25)	lifon	NG.		
Sample Ide	entification		Sample	Collection			Sample (Container	s		TSS(28), (NO3+NO2 (91)	TKN(16.A),	Total P (25)	Fecal Coliform(43.1F)	PAN (33.PN)		
Identification	ESC Control#	Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative	#	135	ğ	ΤΚ	Tota	Fec	PAN		
Final Effluent	2104010033	418/21	1015	Grab	Wwater	Plastic	1/2 Gal	Cool ≤ 6° C	;	1	х							
	111	1	1	Grab	Wwater	Plastic	1 Liter	Cool ≤ 6° C, H2SO4 to pH <2		1		Х	Х	Χ				
				Grab	Wwater	Plastic	100mis	Cool <10° C, Na2S2O3		1					Х			
	+	1	7	Grab	Wwater	NA	NA	NA								Х		~~~
																		_
_																		
Relinquished By: (Signature and Prin	ited Name)	Date	Time	1 1 1					Custo Used	dy Sea	als:		Intact?					
Relinquished By: (Signature and Prin	ited Name)	Date	Time						Turna	round								
Relinquished By: (Sitheturs and Printed Name) 1 1 , Date Time										Regu	ar sampl	ed or	norty	Spec				
Willer And Holly Willay Will by 447 1-18/2, 1610				[mprox Benomin Way 7/8/21/1610			0		Yes	7			No					
Comments: / / /					PH: 10% Data / Field Test Time Analyst						Resu				_			
Site Address: 1364 Cane Island Road Flippin, AR 72634							Pri,	1020	100	_	2. (} 	7	4		- 51		-
							Fecal Start:	1612			Thic	Docui		in P			·	
							, avai Stait.	1917	LIKX	٠	11115	חטטעו	ment	is ra	<u>ge _'</u>	_ 01	<u>L</u>	



NWA Utility Services Inc PO Box 9299 Fayetteville, AR 72703

ADEQ WATER DIVISION/PERMITS BRANCH 5301 Northshore Drive N Little Rock, AR 72118-5317



