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

removed by a	PERMITTEE NAME	- 45	· San Carlo
	Cane Island Estates LLC		!
	PERMITTEE ADDRESS		4 - 42 - 1 - 3
	Danny Hames		
	39 Nottingham Lane		
	Rogers, AR 72758		

FACILITY NAME (IF DIFF	ERENT)	. W.	yra mae
Cane Island Subdivi	sion		
FACILITY ADDRES	S		1.0
CR 7002 Bull Shoals Rd. Ma	rion Cou	nty	

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

	MONITORING PERIOD		1
MM/DD/YYYY	TO	MM/DD/YYYY	
9/1/2020		9/30/2020	

	de la His	in a second	FFF	LUENT	LIMITS, MONITORING,	AND REPORTING	REQUIREMENTS	3		art called		
PARAMETER				PERMIT LIMIT	SAMPLE MEA	UNITS	FRE	QUENCY OF ANALYSIS	SAMPLE TYPE			
CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND (CBOD5)					30	< 2.0	MG/L	Once per Month / Grab				
TOTAL SUSPENDED SOLIDS (TSS)					45	< 2.	MG/L					
FECAL COLIFORM BACTERIA (FCB)					2000	35.0	COLONIES/100ml					
рН				6.0 - 9.0	6.7		s.u					
TOTAL PHOSP	PHOROUS (1	P)			Report	6.99	9	MG/L				
TOTAL KJELDAHL NITROGEN (TKN)				Report			MG/L					
NITROGEN AMMONIA NITROGEN (NH 3 - N)				Report			MG/L	†				
NITRITE NITROGEN (NO 3 - N) + NITRATE NITROGEN (NO 2 - N)				Report		MG/L		ter / Grab				
PLANT AVAILABLE NITROGEN (PAN)			T	Report		MG/L						
TOTAL FLOW				MONTHLY TOTAL	MONTHLY TOTAL DAILY MAX							
						16,696 1,007		GPD				
· · · · · · · · · · · · · · · · · · ·			DRIP ZONES	LOADI	NG RATE LIMITS, MON	ITORING AND REPO	ORTING REQUIR	REMENTS	· ·		<u> </u>	
Zone ID	Limit	Units	Maximum Volume Limit	Units	Monitoring	Reported m	aximum					
Zone 1	0.62	gpd/ft 2	15,563	gpd	Daily	1,00	7	}				
Zone 2	0.62	gpantz	37,529	gpd	Daily	Not Us	sed	1				
WITH THE INFORMATION SUBMIT INDIVIDUALS IMMEDIATELY RE BELIEVE THE SUBMITTED INFORMATION SUBMIT AWARE THAT THERE ARE SUBMITTED INFORMATION SUBMIT INDIVIDUALS IMMEDIATELY REPORT OF PRINTED.			LAW THAT I HAVE PERSONALLY EXAMINED AND AM ITED HEREIN; AND BASED ON MY INQUIRY OF THOSE SPONSIBLE FOR OBTAINING THE INFORMATION, I MATION IS TRUE, ACCURATE, AND COMPLETE. I AM IGNIFICANT PENALTIES FOR SUBMITTING FALSE OSSIBILITY OF FINE AND IMPRISONMENT.			SIGNATURE OF PRINCIPAL			TELEPHONE 479 530-5926 10/15/20 AREA NUMBER MM/DD/YY			

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: 2009010089

Customer Name : CANE ISLAND ESTATES POA

Customer Number: 3859
Report Date: 09/11/20

Sample Date : 09/03/20

Sample Time : 1205

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

Work Order : Purchase Order :

		Laboratory Analysis			
·	Quality Assurance				
Analysis				Precision	Accuracy
<u>Date Time By</u>	<u> Parameter</u>	Result Notes Quantity	Method	울 RPD	% Recovery
09/03 1205 HMK	рH	6.7 S.U.	SM 2011 4500-H+B	0.00	N/A
09/04 0920 HMK	Phosphorus, Total (as P)	6.990 mg/L	HACH 10209	0.67	98.6 *
09/08 1429 BW	Solids, Total Suspended	< 2.50 mg/L	SM 2011 2540 D	30.07	N/A *
09/03 1700 JK	Fecal Coliform	35.0 /100ml	06/2012 Colilert18		N/A *
09/04 0952 MRR	BOD, Carbonaceous	< 2.00 mg/L Q	SM 2011 5210 B	0.00	M/A

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.

10496

NA

Q The glucose/glutamic acid standard exceeded the range of 198 \pm 30.5 mg/L.

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

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 Isla	nd Estate	s POA		Permit/Pro	ject #:													
Address:	39 Notting	gham Lar	ne		Purchase Order #:														
	Rogers, AR 72758			Work Orde	Work Order # 111816-											;			
Phone:	479-619-8	3450			Sampler N	Sampler Name(s): Hayden Lelly													
Fax:	rhames@nwark.com								7			<u>6</u>		E.					
Contact:	Mr. Rusty Hames			and Signat	ture(s):]]/				_	CBOD(70)		£						
ESC Client Nu	mber:	3859	Monthly]							8	ŝ	Sifo					
Sar	mple Identification			Sample	Collection			Sample (Containers	3		TSS(28),	Total P(25)	Fecal Coliform(43.1F)					
Identifica	tion ESC Co	ontrol#	Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative	#	138	Tote	Fec				,	
Final Effluent	200901	2089	9/3/20	1295	Grab	Wwater	Plastic	1/2 Gai	Cool ≤ 6° C	;	1	X.							
			1	1	Grab	Wwater	Plastic	1 Liter	Cool <u><</u> 6° C. H2SO4 to pH <2		1		Х						
			-	1	Grab	Wwater	Whirlpak	4 oz.	Cool <10° C, Na2S2O3		1			Х					
Relinquished By: (Signa	iture and Printed Name)		Date	Time	Received By: (Signature and Printed Name) Date Time					Custody Seals: Used? // Intact?									
Relinquished By: (Signa	iture and Printed Name)	······································	Date	Time	Received By: (Sig	gnature and Printe	d Name)		Date			Turnaround:		ind:			Intact?		
Relicquished But #Signs	ture bod Printed Name)		- Date	1 Time	Beegived for Lab By: (Signature and Printed Name) Q1 Date Time				Regul Were	gular V re samples propert			Special Special			Щ			
Relinguished By (Signature Ind Printed Name) / Page 1 Time / 19/3/60 it 9/3/60			12.61	J. Kuse	receirch		واع اس	164	5		Yes	7			No		Ш		
Comments: /					Flow L		Field Test		Analys		Resu		Resu			Units			
Site Address: 1364 Cane Island Road Flippin, AR 72634							pH:	1205	Hnj	-	4-5		(T			St	<u>. </u>		
	······					L		Fecal Start:	1700	31	_	Thin	Door	ment	io De		0¢ 1		_
								. coa ciait.	1700	<u> </u>	1	1105		III GIII	IS Pa	ye_1	OI L		















NWA Utility Services Inc PO Box 9299 Fayetteville, AR 72703

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