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	

MC	ONITORING PERI	OD
MM/DD/YYYY	TO	MM/DD/YYYY
12/1/2020		12/31/2020

			EFFL	UENT	LIMITS, MONITORING,	AND REPORTI	NG RI	EQUIREMENTS			:	,	
PARAMETER			PERMIT LIMIT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF SANALYSIS		SAMPLE TYPE				
CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND (CBODS)			30	2.26		MG/L							
TOTAL SUSPENDED SOLIDS (TSS)		45		< 5.00		MG/L							
FECAL COLIFORM BACTERIA (FCB)		2000		305.7			COLONIES/100ml	Once per Month / Grab					
рН					6.0 - 9.0	7.3		s.u					
TOTAL PHOSE	PHOROUS (TI	P)			Report		6.2	-	MG/L	1			
TOTAL KJELD	OAHL NITROGE	N (TKN)			Report				MG/L				
NITROGEN AN	MONIA NITRO	OGEN (NH 3	- N)		Report			MG/L	1				
NITRITE NITROGEN (NO 3 - N) + NITRATE NITROGEN (NO 2 - N)		Report				MG/L		Once per Quarter / Grab					
PLANT AVAILABLE NITROGEN (PAN)		Report				MG/L							
				MONTHLY TOTAL DAILY MAX		GPD		· · · · · · · · · · · · · · · · · · ·					
TOTAL FLOW						20,419 1,400							
			DRIP ZONES	LOADI	NG RATE LIMITS, MON	ITORING AND	REPO	RTING REQUIF	REMENTS		· ·		
Zone ID	Limit	Units	Maximum Volume Limit	Units	Monitoring	Report		ximum]				
Zone 1	0,62	gpd/ft 2	15,563	gpd	Daily		1,400]				
Zone 2	0.62	95	37,529	gpd	Daily	I .	Not Use	ed					
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH-THE-INFORMATION-SUBMITTED HEREIN; AND BASED-ON-MY-INQUIRY-OF-THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM SIGNATURE OF PRINCIPAL						HILL	479	530-5926	1/15/2020				
AWARE THAT THERE ARE S			IGNIFICANT PENALTIES FOR SUBMITTING FALSE EXECUTIVE			EXECUTIVE OF	FFICER OR	AREA	NUMBER	MM/DD/YYYY			
INFORMATION, INCLUDING THE F COMMENTS AND EXPLANATION OF VIOLATIONS (Reference a					ENT.		AUTHORIZE	JAGENI	CODE		L		
COMMENIS	AND EXPLAI	NATION OF	r violations (Relejence al	і ацасп	inenis nere j								

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: 2012010089

Customer Name : CANE ISLAND ESTATES POA

Customer Number: 3859
Report Date: 12/10/20

Sample Date : 12/03/20

Sample Time : 0935

Sample Type : GRAB WWATER
Sample From : FINAL EFFLUENT

Collected By: WGW Delivery By : WGW

Work Order : Purchase Order :

	resis Method Precision me By Parameter Result Notes Quantity Method % RPD 40 WGW pH 7.3 S.U. SM 2011 4500-H+B 0.00 20 EDA Phosphorus, Total (as P) 6.200 mg/L HACH 10209 0.00 41 ZWA Solids, Total Suspended < 5.00 mg/L SM 2011 2540 D 10.86 19 BXW Fecal Coliform 305.7 /100ml 06/2012 Colilert18 0.00			Assurance		
Analysis					Precision	Accuracy
Date Time By	Parameter	Result Notes	Quantity	<u> Method</u>	% RPD	<pre>% Recovery</pre>
12/03 0940 WGW	рН	7.3 S.U.		SM 2011 4500~H+B	0.00	N/A *
12/08 1020 EDA	Phosphorus, Total (as P)	6.200 mg/L		HACH 10209	0.00	103.0 *
12/04 0941 ZWA	Solids, Total Suspended	< 5.00 mg/L		SM 2011 2540 D	10.86	N/A *
12/03 1619 BXW	Fecal Coliform	305.7 /100ml		06/2012 Colilert18	0.00	N/A
12/04 0642 BXW	BOD, Carbonaceous	2.26 mg/L		SM 2011 5210 B	0.00	104.0 *

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.

20419

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

imental 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				Project Information							Requested Paramete						
Client:	Cane Island Estat	es POA		Permit/Pro	ject #:												
Address:	39 Nottingham Lane			Purchase Order #:													
	Rogers, AR 72758	Rogers, AR 72758				Work Order # 111816-AEG2											
Phone:	479-619-8450				Sampler Name(s): William Willought					7							
Fax:	rhames@nwark.com								ବୃ		Ē						
Contact:	Mr. Rusty Hames				and Signature(s): 1/1/lim ///lbygkin					CBOD(70)		n(43					
ESC Client Number:	3859	Monthly		1		V		7.7		(2)	ig						
Sample Id	lentification		Sample	Collection		T	Sample (Sample Containers			Total P(25)	Fecal Coliform(43.IF)					
Identification ESC Control #		Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative #	TSS(28)	Tota	Fec					
Final Effluent 2012	2012010089	12-3-20	0935	Grab	Wwater	Plastic	1/2 Gal	Cool ≤ 6° (; 1	X	1				11		
		11 1	0935	Grab	Wwater	Plastic	ਤo∠ -1-titer	Cocl ≤ 6° C. H2SO4 to pH <2	1	1	Х				\Box		
		i()	0935	Grab	Wwater	Whirlpak	4 oz.	Cool <10° C, Ne2S2O3	1			х					
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Relinquished By: (Signature and Pr	inted Name)	Date	Time	Received By: (Si	gnature and Printe	d Name)		Date	Time	Custody Seals: Used?			·\		إسساء	_	
Relinquished By: (Signature and Pr	r: (Signature and Printed Name) Date Time		Time	Received By: (Sig	ignature and Printed Name)			Date Time			around	m		Intact?			
Deligeviched Day (Signature and Br	inted Nome)	Data	Time	Bosoiupd fact oh	Pre /Singalura ne	d Bristad Non		Dala	Time	Regu		V	no shi	Special			
Relinguished By: (Signature and Pr	Millian Willough	12.3-20	1545	Received for Lab By: (Signature and Printed Name) KIDE Julio Knistin Mullins			nullins	ullins 12/3/20 1545		<u> </u>	re samples Yes 🎝		peny	No			
Comments:					Flow L	ata	Field Test	Time	Analyst	Res		Resu	it	Uni			
Site Address: 1364 Cane Island Road Flippin, AR 72634					pl		Dans	MAM	 7.	3	7.3			SU			
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		***				······································	Fecal Start:		<u> </u>	This	Ďes		;- D-				
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NWA Utility Services Inc PO Box 9299 Fayetteville, AR 72703

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

