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

	PERMITTEE NAME
CANE ISLANI	D SUBDIVISION
	PERMITTEE ADDRESS
DANNY HAM	ES
6800 SHADO	W VALLEY ROAD
Rogers, AR 72	756

FACILITY NAME (IF DIFFERENT)
Cane Island Subdivision
FACILITY ADDRESS
 west side of CR 7002 in northern Marion County

PERMIT NO.
4899-WR-2
AFIN NO.
45-00214

M.	WASTEWATER EFFLU	ENT MONITORING PERIOD
	MM/DD/YYYY	MM/DD/YYYY
FROM	12/1/2016	12/31/2016

PARAMETER PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE				E MEASUREMENT UNITS			QUENCY OF NALYSIS	SAMPLE TYPE	
		REPORT	6.76	6,76			ONCE/ MONTH	GRAB	
		15	4	MG/L		ONCE/ MONTH	GRAB		
H FFLUENT GROSS VALUE		6 to 9	7.6		S.U.	ONCE/ MONTH		GRAB	
OLIDS, TOTAL SUSPENDED FFLUENT GROSS VALUE		15	4		MG/L		ONCE/ MONTH	GRAB	
ITROGEN, AMMONIA TOTAL (AS N) FFLUENT GROSS VALUE		REPORT	0.16		MG/L		ONCE/ MONTH	GRAB	
OLIFORM, FECAL GENERAL FFLUENT GROSS VALUE		2,000	10		colonies/100ml		ONCE/ MONTH	GRAB	
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE NITRATE NITROGEN EFFLUENT GROSS VALUE		REPORT 58.8		MG/L		ONCE/ MONTH	GRAB		
		REPORT	11.4		MG/L		ONCE/ MONTH	GRAB	
ITRITE NITROGEN FFLUENT GROSS VALUE		REPORT	0.733		MG/L		ONCE/ MONTH	GRAB	
LANT AVAILABLE NITROGEN		REPORT	29.88	3.	MG/L		ONCE/ MONTH	GRAB	
LOW, THRU CONDUIT OR TREATMENT	UNIT	REPORT	MONTHLY TOTAL 10,399	DAILY MAX 488	GPD		ONCE/ MONTH	TOTAL FLOW	
		LAW THAT I HAVE PERSONALLY EX	KAMINED AND AM		1	TE	ELEPHONE	DATE	
INDIV	WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE NDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM SIGNATURE OF PENCIPAL						79 530-5926 1/10/		
TYPED OR PRINTED	ARE THAT THERE ARE : RMATION, INCLUDING THE F	AREA CODE	NUMBER	MM/DD/YYYY					

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: 1612010297

Customer Name : CANE ISLAND ESTATES POA

Collected By: DWC

Sample Date : 12/01/16 Sample Time : 1121

Delivery By : DWC

Customer Number: 3859 Report Date : 12/19/16

Sample Type : GRAB WWATER

Work Order : 111816-AEG2

Sample From : FINAL EFFLUENT

Purchase Order ·

	Quality A	Assurance					
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	Notes	Quantity	<u> Method</u>	% RPD	& Recovery
12/13 1500 TCF	Ammonia Nitrogen	0.16	mg/L		SM 1997 4500-NH3 F	0.00	102.9
12/08 1300 DWC	Kjeldahl Nitrogen Total	58.80	mg/L		SM 1997 4500-NorgB	0.00	101.2 4
12/02 1145 NTR	Nitrate Nitrogen	11.4000	mg/L		SM 2000 4500-NO3 E	0.15	98.4 1
12/02 1130 NTR	Nitrite Nitrogen	0.7330	mg/L		SM 2000 4500-NO2 B	0.26	99.9 1
12/01 1125 DWC	рн	7.6	S.U.		SM 2000 4500-H+B	1.50	N/A +
12/12 0700 NTR	Phosphorous, Total (as P)	6.76	mg/L		EPA 365.3	0.00	95.2 🔻
12/05 1430 CBJ	Solids, Total Suspended	4.00	mg/L		SM 1997 2540 D	11.76	N/A '
12/13 1600 NTR	Nitogen, Plant Available	29.88	mg/L		33 MSA 2nd Ed		
12/01 1635 PJC	Coliform, Fecal	10	/100ML		SM 1997 9222 D	15.47	N/A *
12/02 0600 JJM	BOD, Carbonaceous	4.00	mg/L		SM 2001 5210 B	0.00	95.0
12/05 1545 CBJ	Solids, % Total	0.089	ક		SM 1997 2540 G	2.30	N/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. Analysis time indicates the time of Quality Assurance Plan on file with Arkansas Department of Environmental Quality. the start of the analytical batch in which the specific sample was included.

Signature

Environmental Services Co., Inc

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

Environmental Services Company, Inc. Corporate Office

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P.O. Box 55146

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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						T	Rec	ues	ted	Para	mete	ers
Company Name:	Cane Island Estates POA			Permit/Project #:										\top	T	
Address:	Rogers, AR 72758		Purchase Order #:					Total Sol %(82)								
			Work Order # 111816-		-AEG2			<u>چ</u> ۲								
Telephone:			Sampler Name(s):		David Cirllant				otal		Ammonia(15.A)	<u>6</u>				
Email:	rhames@nwark.co	<u>m</u>		and Signature(s):								nia(Total P(25)			
Contact:	Mr. Rusty Hames					Doct Cirtlout				CBOD(70),	irite	mm	Tota	(43)	Ì	
ESC Client Number:	3	859			t.		(- 1	ź	Coliform(43)		
Sample Ide	ntification		Sample	Collection	A Marian etc Amel Attable annum y any purposition any side of		Sample	Container	S	78	Nitrate(18), Nitrite(19)	TKN(16.A),	PAN(33.PN),	8		
Identification	ESC Control#	Date	Time	Туре	Matrix	Туре	Volume	Preserv	ative #	TSS(28)	Nitra	IKN	PAN	Fecal		
Effluent	1612810297	12/1/16	1121	Grab	Wwater	Plastic	1/2 Gal	Cool ≤ 6° (2	Х	х				+	\top
				Grab	Wwater	Plastic	1 Liter	Cool <u>s</u> 8° C. H2SO4 to pH <2				х	х			十
	1	1		Grab	Wwater	Whirlpak	4 oz.	Cool <10° C, Na2S2O3						х		+
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Relinquished By: (Signature and Printed Name) Date Time			Received By: (Signature and Printed Name)			Date	Time	Custody Seals: Used?			TOTAL CONTRACT					
Relinquished By: (Signature and Printed Name) Date Time		Received By: (Signature and Printed Name)			Date	Time	Turnaroun				Intact?					
Relinquished By: (Signature and Prioted Name) / Date Time		Reflaived by LAW	ale Hibnatura and	Printed Name		Dale	Time	Regu		2	onorly	Specia preserve				
Relinquished By: (Signature and Printed Name) / Date Timo Lind Cut Dinal Civillorut 12/1/16 16:30			Revisived for Lav	(Willer	02/1	(iller	12/1/16	N630_	VVCIE	Yes	20	peny	No	· [
Comments:				Flow D		Field Test	Time	Analyst	Res	_	Resu	lt	U	nits		
Site Address: 1364 Cane Island Road Flippin, AR 72634						pH:	112=	ひいて	17	. los		\dashv		SU		
									20-7-1	177					· . I	
	Control received presenting the control received and the control of the control o							1635	730	Inis	DOCU	ment	is Pa	ge _/-)[<u>}</u>	nadios =

