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

PERMITTEE NAME	_
CANE ISLAND SUBDIVISION	
PERMITTEE ADDRESS	
DANNY HAMES	
6800 SHADOW VALLEY ROAD	
Rogers, AR 72756	

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

PERMIT NO.	
4899-WR-2	
AFIN NO.	

	WASTEWATER EFFLUENT MONITORING PERIOD										
	MM/DD/YYYY	MM/DD/YYYY									
FROM	6/1/2017	6/30/2017									

PARAMETE	ર	PERMIT REQUIREMENT SAMPLE		MPLE MEASUREMENT UNITS			QUENCY OF	SAMPLE TYPE		
HOSPHOROUS, TOTAL (AS P) FFLUENT GROSS VALUE		REPORT	6,35	6,35 MG/L			ONCE/ MONTH	GRAB		
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE		15	3		MG/L		ONCE/ MONTH	GRAB		
PH EFFLUENT GROSS VALUE		6 to 9	6.7		S.U.	l .	ONCE/ MONTH	GRAB		
DLIDS, TOTAL SUSPENDED FLUENT GROSS VALUE		15	4		MG/L	L	ONCE/ MONTH	GRAB		
TROGEN, AMMONIA TOTAL (AS N) FLUENT GROSS VALUE		REPORT	3,06		MG/L		ONCE/ MONTH	GRAB		
OLIFORM, FECAL GENERAL FFLUENT GROSS VALUE		2,000	<5	colonies/100ml		ONCE/ MONTH	GRAB			
FOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE		REPORT	44.2		MG/L		ONCE/ MONTH	GRAB		
TRATE NITROGEN FLUENT GROSS VALUE		REPORT	38.997		MG/L		ONCE/ MONTH	GRAB		
TRITE NITROGEN FLUENT GROSS VALUE		REPORT	0,203		MG/L	ONCE/ MONTH		GRAB		
ANT AVAILABLE NITROGEN FLUENT GROSS VALUE		REPORT	54.6		MG/L		ONCE/ MONTH	GRAB		
LOW, THRU CONDUIT OR TREATM FFLUENT GROSS VALUE	ENT UNIT	REPORT	PORT MONTHLY TOTAL DAILY MAX GPD G				ONCE/ MONTH	TOTAL FLOW		
		LAW THAT I HAVE PERSONALLY EX				TE	ELEPHONE	DATE		
ļı	NDIVIDUALS IMMEDIATELY RE	ITED HEREIN; AND BASED ON MY IN SPONSIBLE FOR OBTAINING THE RMATION IS TRUE, ACCURATE, AND	F PRINCIPAL	479	530-5926	7/6/2017				
TYPED OF PRINTED		SIGNIFICANT PENALTIES FOR SU OSSIBILITY OF FINE AND IMPRISONMI	OFFICER OR ED AGENT	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: 1706010028

Customer Name : CANE ISLAND ESTATES POA

Customer Number: 3859
Report Date: 06/16/17

Sample Date : 06/01/17

Sample Time : 0925

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

Work Order : Purchase Order :

		Laboratory Ana	alysis			Quality A	Assurance
Analysis			,			Precision	Accuracy
Date Time By	Parameter	Result	Note	s Quantity	Method	% RPD	% Recovery
06/02 1345 TCF	Ammonia Nitrogen	3.06	mg/L		SM 1997 4500-NH3 F	4.97	107.3
06/05 1030 NTR	Kjeldahl Nitrogen Total	44.20	mg/L		SM 1997 4500-NorgB	0.53	99.8 🗡
06/02 0730 NTR	Nitrate Nitrogen	38.9970	mg/L		SM 2000 4500-NO3 E	0.58	98.6
06/02 0710 NTR	Nitrite Nitrogen	0.2030	mg/L		SM 2000 4500-NO2 B	0.62	100.9
06/01 0927 JJM	рН	6.7	s.U.		SM 2000 4500-H+B	1.29	N/A +
06/06 1415 CBJ	Phosphorous, Total (as P)	6.350	mg/L		EPA 365.3	0.97	96.1
06/05 0840 DWC	Solids, Total Suspended	4.00	mg/L		SM 1997 2540 D	7.04	N/A +
06/05 1200 NTR	Nitogen, Plant Available	54.60	mg/L		33 MSA 2nd Ed		
06/01 1605 TCF	Coliform, Fecal	< 5	/100ML		SM 1997 9222 D	0.00	k A\N
06/02 0600 DWC	BOD, Carbonaceous	3.00	mg/L		SM 2001 5210 B	0.00	101.5 *
06/06 1600 RAH	Solids, % Total	0.040	8		SM 1997 2540 G	0.00	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. 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.

o. / Inc

^{*} 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

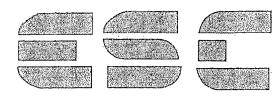
Little Rock, AR 72211

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				Project Information					Requested Parameters							3			
Client:		Cane Island Estate	s POA		Permit/Pro														
Address:		39 Nottingham Lan	e Purchase Orde		Order #:						%(82								
	Rogers, AR 72758			Work Order # <u>111816-AEG2</u>								5							
Phone:	479-619-8450			Sampler Name(s): Zodo Miller					Total Sol %(82)		Ammonia(15.A)	<u>(2)</u>							
Fax:	rhames@nwark.com				1 1 11 100						(O.	(13)	onia	I P(2	(
Contact;	Mr. Rusty Hames			and Signat	and Signature(s):						CBOD(70),	itrite	miu,	10	n(43			ļ	
ESC Client Nui	mber:	3	859]	(\mathcal{I}^{-}						% N		PR.	lifor			
Sar	mple Ident	ification	The product of	Sample	Collection			Sample (e Containers			TSS(28),	Nitrate(18), Nitrite(19)	TKN(16.A),	PAN(33.PN), Total P(25)	Fecal Coliform(43)			
Identifica	tion	ESC Control#	Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative	#	138	Nitra Nitra	퉑	PA	Fec	:		
Final Eff	vent	1706060028	6/1/17	0929	Grab	Wwater	Plastic	1/2 Gal	Cool ≤ 6° C	;		Х	X						
		\	ľ	j	Grab	Wwater	Plastic	1 Liter	Cool <u>≤</u> 8° C, H2SO4 to pH <2					х	Х				
		علم ا			Grab	Wwater	Whirlpak	Cool						Ī.		Х			
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1																			
Relinquished By: Asilona HOLL	9 70		bate 7	(POQ	Received By: (Sig				Date Time			Used?				t?			
Relinquished By: (Signature and Printed Name) Date Time								Regul	naround: gular Special ere samples properly preserved										
Relinquished By: (Signal	ture and Printed	Name)	Date	Tims	Received for Lap [3y (Signature and	Printed Name	Yall.	Date	Tim]در) () <u>(</u>)		Yes				No		
Comments:					Flow D	ata	Field Test		Analy		Resu		Resu	lt ,		Units			
Site Address: 1364 Cane Island Road							pH:	0927	22/	11	<u> </u>	7				S	J		
		Flippin, AR 72634																	
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