## 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
We	est side of CR 7002 in northern Marion County

PERMIT NO.	
4899-WR-2	
AFIN NO.	٦
45-00214	

	WASTEWATER E	FFLUENT MONITORING PERIOD	
	MM/DD/YYYY	MM/DD/YYY	Y
FROM	2/1/2017	2/28/2017	
	TREATED WASTEV	VATER EFFLUENT SAMPLING	
	PERMIT REQUIREMENT	SAMPLE MEASUREMENT	UNITS
	REPORT	6 69	MG/I

		TREATED WASTE	WATER EFFLUENT	SAMPLING						
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEAS	E MEASUREMENT UNITS			QUENCY OF NALYSIS	SAMPLE TYPE			
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE		REPORT	6,69	MG/L	ONCE/ MONTH		GRAB			
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE		15	7		MG/L		ONCE/ MONTH	GRAB		
PH EFFLUENT GROSS VALUE		6 to 9	7.3		S.U.		ONCE/ MONTH	GRAB		
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE		15	4		MG/L		ONCE/ MONTH	GRAB		
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE		REPORT	1.14		MG/L		ONCE/ MONTH	GRAB		
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE		2,000	< 5	colonies/100ml		ONCE/ MONTH	GRAB			
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE		REPORT	59.1		MG/L		ONCE/ MONTH	GRAB		
NITRATE NITROGEN EFFLUENT GROSS VALUE		REPORT	53.2	MG/L		ONCE/ MONTH	GRAB			
NITRITE NITROGEN EFFLUENT GROSS VALUE		REPORT	< 0.15		MG/L	,	ONCE/ MONTH	GRAB		
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE		REPORT	71.88		MG/L	1	ONCE/ MONTH	GRAB		
FLOW, THRU CONDUIT OR TREATME! EFFLUENT GROSS VALUE	NT UNIT	REPORT	MONTHLY TOTAL 10,671	DAILY MAX 630	GPD		ONCE/ MONTH	TOTAL FLOW		
TOWNER THE EXCEPTION OF		AW THAT I HAVE PERSONALLY EX	· · · · · · · · · · · · · · · · · · ·			TE	LEPHONE	DATE		
Kathy Bartlett	DIVIDUALS IMMEDIATELY RES ELIEVE THE SUBMITTED INFORM	FED HEREIN; AND BASED ON MY INC PONSIBLE FOR OBTAINING THE MATION IS TRUE, ACCURATE, AND C	PRINCIPAL	479	530-5926	3/6/2017				
TYPED OR PRINTED	WARE THAT THERE ARE S	IGNIFICANT PENALTIES FOR SUB	FFICER OR D 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: 1702010056

Customer Name : CANE ISLAND ESTATES POA

Customer Number: 3859
Report Date: 02/16/17

Sample Date : 02/02/17

Sample Time : 1115

Sample Type : GRAB WWATER
Sample From : FINAL EFFLUENT

Collected By: PDH Delivery By : PDH

Work Order :

Purchase Order: 111816-AEG2

		<u>Laboratory Analysis</u>		j	Quality A	ssurance
Analysis					Precision	Accuracy
Date Time By	Parameter	Result	Notes Quantity	<u>Method</u>	% RPD	% Recovery
02/06 1500 <b>JJ</b> M	Ammonia Nitrogen	1.14 mg/L		SM 1997 4500-NH3 F	6.39	104.9 *
02/10 1230 CLB	Kjeldahl Nitrogen Total	59.10 mg/L		SM 1997 4500-NorgB	2.90	109.0 *
02/07 1500 CLB	Nitrate Nitrogen	53.2000 mg/L		SM 2000 4500-NO3 E	1.57	100.0 *
02/10 1500 CLB	Nitrite Nitrogen	< 0.1500 mg/L		SM 2000 4500-NO2 B	5.71	100.0
02/02 1120 PDH	рН	7.3 S.U.		SM 2000 4500-H+B	0.00	N/A *
02/07 0930 CBJ	Phosphorous, Total (as P)	6.69 mg/L		EPA 365.3	13.33	87.7 *
02/06 1200 CBJ	Solids, Total Suspended	4.00 mg/L		SM 1997 2540 D	44.44	N/A *
02/10 1300 CLB	Nitogen, Plant Available	71.88 mg/L		33 MSA 2nd Ed		,
02/02 1700 JJM	Coliform, Fecal	< 5 /1.00M	Ĺ	SM 1997 9222 D	0.00	N/A *
02/03 0930 JJM	BOD, Carbonaceous	7.00 mg/L		SM 2001 5210 B	0.00	98.3 *
02/08 1040 PDH	Solids, % Total	0.092 %		SM 1997 2540 G	7.91	N/A *

\* 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 Cd

Inc

Er amental Services Company, Inc.
Corporate Office

13715 West Markham

Phone: 501-221-2565

P.O. Box 55146

Little Rock, AR 72211 Little Rock, AR 72215

website: www.esclabs.com

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	Par	ame	eters	}
Company Name:	Cane Island Estate	<del></del>								82)								
Address: 39 Nottingham Lane					Purchase Order #:		<b>A.F.O.O.</b>				Total Sol %(82)				.			
	Rogers, AR 72758			Work Orde		111816		·			al Sc		3					
Telephone:	479-619-8450			Sampler N	ame(s):	Jyres+a	n Kurt						Ammonia(15.A)	(25)				
Email:	rhames@nwark.co	<u>om</u>	<u>.</u>	-		12/1		<del></del>			CBOD(70),	(15)	IIOH	tal P	ल			
Contact:	Mr. Rusty Hames			_and Signat	ure(s <u>)</u> :	PH	تعما				ğ	Z. E.	Am	, To	E)(4)			
ESC Client Number:		859	<del></del>				despriction of a second					Nitrate(18), Nitrite(19)	दं	PAN(33.PN), Total P(25)	Fecal Coliform(43)	.		
Sample Id	entification		Sample	Collection	V		Sample (	Container	s		TSS(28),	ate(	TKN(16.A),	V(33	ai			
Identification	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserv	ative	#	Ţ	Z	X	PAI	Fec		-	
	1702010056	2-2-17	1115	Grab	Wwater	Plastic	1/2 Gal	Cool ≤ 6° (	5		X	Х						
		ľ	1	Grab	Wwater	Plastic	1 Liter	Cool ≤ 8° C, H2SO4 lo pH <2					Х	Х				_
				Grab	Wwater	Whirlpak	4 oz.	Cool <10° C, Na282O3							Х			
			<u> </u>															
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Relinquished By; (Signature and Printed Name) Date Time		Time	Received By: (Signature and Printed Name) Date Tin			Tim		Cusio Used	dy Sea	als:		Intaci	17	X)				
Relinquished By: (Signeture and Printed Name) Date		Date	Time	Received By: (Sig	Received By: (Signature and Printed Name)			Date	Tim		Turnaround: Regular			Spec	ial [			
Relinguished By: (Signature and Printed Name)  The Stan Hart PHAR 2-2-17 1620			Received for Lab.By. (Signature and Printed Name)			3-3-17 Date	Time Were:		ere samples pro Yes		properly pres		preserved:		I			
Comments:				Flow D	ata	Field Test	Time	Analys		Resu	lt I	Resu	lt		Jnits			
Site Address: 1364 Cane Island Road						pH;	1120	7011		7.3	_				SL	J	$\square$	
<u> </u>	Flippin, AR 72634			<del></del>			<del></del> ,		-	-		$\dashv$	—		<del></del>			-{
and the second s					T is three by		fecal	1700	7714		This I	Docur	ment	is Pa	ge_	of_		

