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
west	side of CR 7002 in northern Marion County

PERMIT NO.	- 1
4899-WR-2	
4099-VVR-2_	
AFIN NO.	
45,0004.4	$\overline{}$
45-00214	

Γ	WASTEWATER EFFLU	JENT MONITORING PERIOD
	MM/DD/YYYY	MM/DD/YYYY
FROM	5/1/2017	5/31/2017

		TREATED WASTE	WATER EFFLUENT S	AMPLING	· · · · · · · · · · · · · · · · · · ·				
PARAMETER		PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS		QUENCY OF NALYSIS	SAMPLE TYPE	
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE		REPORT	5,57		MG/L		ONCE/ MONTH	GRAB	
CBOD, Š-DAY (20 DEG. C) EFFLUENT GROSS VALUE		15	4	4		ONCE/ MONTH		GRAB	
PH EFFLUENT GROSS VALUE		6 to 9	6.5		S.U.	ONCE/ MONTH		GRAB	
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE		15	7		MG/L	ONCE/ MONTH		GRAB	
NITROGEN, AMMONIA TOTAL (AS N) EFFLUENT GROSS VALUE		REPORT	4.47		MG/L		ONCE/ MONTH	GRAB	
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE		2,000	30	30 colonies/100mi			ONCE/ MONTH	GRAB	
TOTAL KJELDAHL NITROGEN EFFLUENT GROSS VALUE		REPORT	64		MG/L	ONCE/ MONTH		GRAB	
NITRATE NITROGEN EFFLUENT GROSS VALUE		REPORT	41.2		MG/L	ONCE/ MONTH		GRAB	
NITRITE NITROGEN EFFLUENT GROSS VALUE		REPORT	2.06		MG/L		ONCE/ MONTH	GRAB	
PLANT AVAILABLE NITROGEN EFFLUENT GROSS VALUE		REPORT	65.59	•	MG/L		ONCE/ MONTH	GRAB	
FLOW, THRU CONDUIT OR TREATI EFFLUENT GROSS VALUE	MENT UNIT	ENT UNIT REPORT MONTHLY TOTAL DA 22,777					ONCE/ MONTH	TOTAL FLOW	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		LAW THAT I HAVE PERSONALLY EX			n	TELEPHONE		DATE	
Kathy Bartlett	NOTITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE NOTITION INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, INSTRUCTION IS TRUE, ACCURATE, AND COMPLETE. I AM SIGNATURE OF PRINCIPAL						530-5926	6/8/2017	
TYPED OR PRINTED	AWARE THAT THERE ARE S	BIGNIFICANT PENALTIES FOR SU OSSIBILITY OF FINE AND IMPRISONM	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: 1705010397

Customer Name : CANE ISLAND ESTATES POA

Customer Number: 3859
Report Date: 05/26/17

Sample Date : 05/04/17

Sample Time : 1010

Sample Type : GRAB WWATER
Sample From : FINAL EFFLUENT

Collected By: PDH Delivery By : PDH

Work Order : Purchase Order :

	Quality A	<u>Assurance</u>					
Analysis	-	Laboratory Analysis	_			Precision	Accuracy
Date Time By_	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
05/15 1400 PJC	Ammonia Nitrogen	4.47 mg/L			SM 1997 4500-NH3 F	1.19	98.0 *
	Kjeldahl Nitrogen Total	64.00 mg/L			SM 1997 4500-NorgB	0.00	100.5 *
	Nitrate Nitrogen	41.2000 mg/L			SM 2000 4500-NO3 E	1.06	94.4 *
	Nitrite Nitrogen	2.0600 mg/L			SM 2000 4500-NO2 B	0.00	103.4 *
05/04 1015 PDH		6.5 S.U.			SM 2000 4500-H+B	0.00	* A\N
	Phosphorous, Total (as P)	5.570 mg/L			EPA 365.3	1.13	98.0 *
	Solids, Total Suspended	7.00 mg/L			SM 1997 2540 D	15.38	N/A
		65.59 mg/L			33 MSA 2nd Ed		
•	Nitogen, Plant Available	30 /100			SM 1997 9222 D	15.38	N/A
· · , · · · · · · · · · · · · · · · · ·	Coliform, Fecal	4.00 mg/L			SM 2001 5210 B	0.00	113.0 *
05/05 0600 TCF	BOD, Carbonaceous	.			SM 1997 2540 G	0.00	N/A *
05/08 1230 NTR	Solids, % Total	0.100 %			ט פרבע ועלד של	1 0.00	14/11

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. Aralysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

Environmental Services Co

 $[\]ast$ QA data shown is from a different sample or standard on the same date.

Environmental Services Company, Inc. Corporate Office

13715 West Markham

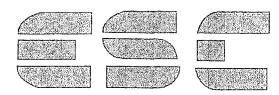
P.O. Box 55146

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						Red	ques	Param	eters					
Client:	Cane Island Estate	s POA		Permit/Pro	ject #:												
Address:	39 Nottingham Lar	ne		Purchase	Purchase Order #:					(8Z) %							
,	Rogers, AR 72758			Work Orde	er#	111816-AEG2				S.							
Phone:	479-619-8450			19-8450		Sampler N	lame(s):	Prest	on Hu	-7		Total		Ammonia(15.A)	ଜ		
Fax:	rhames@nwark.co	<u>m</u>		,	, , , ,		710501 70				(19)	onia(Total P(25)		}		
Contact:	Mr. Rusty Hames			and Signature(s):		Ŧ		CBOD(70),	Nitrite(19)	l Eu	Tota	[43]	1				
ESC Client Number	: 3	859				——————————————————————————————————————				78	8). N	1 -	ĝ	Coliform(43)			
Sample	Identification		Sample	Collection			Sample	Container	ŝ	LSS(28),	Nitrate(18),	TKN(16.A),	PAN(33.PN),	ပ္ဆို			
Identification	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva		TSS	Nitra	NY.	PAN	Fecal			
The state of the s	1705010397	5-4-17	010	Grab	Wwater	Plastic	1/2 Gal	Cool ≤ 6° (X	х						
		1	1	Grab	Wwater	Plastic	1 Liter	Coal ≤ 6° C. H2SO4 to pH <2				х	х				
				Grab	Wwater	Whirlpak	4 oz.	Gool <10° C, Na2S2O3						х			
	,									1							
			<u> </u>							1							
											<u> </u>						
Relinquished By: (Signature and	Printed Name)	Date	Time	Received By: (Sig	nature and Printer	Name)	<u> </u>	Date	Time	×	ody S						
Relinquished By: (Signature and	Printed Name)	Date	Time	Received By: (Signature and Printed Name)		Date	Time	Used? /		///t Intact?							
Polinguished Str. (Signature and	Printed Nama	Dota	Time	Descripted for Lab.	Day (Chambing A	I Defend Allega		-		Reg		X		Special			
Relinquished By: (Signature and	Hand Name)	5-4-17	Time	Received for Lab	By: (Signature and	Chipmed Name	"Hall	Date 5-4-17	Time /bui)	vver	e samı Yes	les pr	openy	preserved No			
Comments:				Flow D	ata	Field Test	Time	Analyst	Res		Resi	ılt	Unit	S			
Site Add	Site Address: 1364 Cane Island Road Flippin, AR 72634						pH:	1015	Polt	10	<u>ک</u>	<u> </u>	-		SU		
	1 199111 / 11 / 12007									$oxed{\top}$							
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		n was a grown of against the con-		<u> </u>			Fecal	1670	PPH	This	Docu	ımeni	is Pa	age <u>L</u> of			

