

**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY  
MONITORING REPORT FOR DECENTRALIZED WASTEWATER TREATMENT FACILITIES VIA DRIP IRRIGATION  
NO DISCHARGE MONTHLY MONITORING REPORT**

<b>PERMITTEE NAME</b>
Cane Island Estates LLC
<b>PERMITTEE ADDRESS</b>
Danny Hames 39 Nottingham Lane Rogers, AR 72758

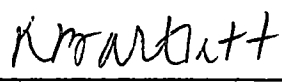
<b>FACILITY NAME (IF DIFFERENT)</b>
Cane Island Subdivision
<b>FACILITY ADDRESS</b>
CR 7002 Bull Shoals Rd. Marion County

<b>PERMIT NO.</b>
4899-WR-3
<b>AFIN NO.</b>
45-00214

<b>MONITORING PERIOD</b>		
MM/DD/YYYY	TO	MM/DD/YYYY
6/1/2020		6/30/2020

EFFLUENT LIMITS, MONITORING, AND REPORTING REQUIREMENTS					
PARAMETER	PERMIT LIMIT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS
CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND (CBOD5)	30			MG/L	Once per Month / Grab
TOTAL SUSPENDED SOLIDS (TSS)	45			MG/L	
FECAL COLIFORM BACTERIA (FCB)	2000			COLONIES/100ml	
pH	6.0 - 9.0			s.u	
TOTAL PHOSPHOROUS (TP)	Report			MG/L	
TOTAL KJELDAHL NITROGEN (TKN)	Report			MG/L	Once per Quarter / Grab
NITROGEN AMMONIA NITROGEN (NH <sub>3</sub> - N)	Report			MG/L	
NITRITE NITROGEN (NO <sub>2</sub> - N) + NITRATE NITROGEN (NO <sub>3</sub> - N)	Report			MG/L	
PLANT AVAILABLE NITROGEN (PAN)	Report			MG/L	
TOTAL FLOW		MONTHLY TOTAL	DAILY MAX	GPD	
		21,981	1,086		

DRIP ZONES LOADING RATE LIMITS, MONITORING AND REPORTING REQUIREMENTS						
Zone ID	Limit	Units	Maximum Volume Limit	Units	Monitoring	Reported maximum
Zone 1	0.62	gpd/ft 2	15,563	gpd	Daily	1,086
Zone 2	0.62		37,529	gpd	Daily	Not Used

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM AWARE OF 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 AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.		TELEPHONE			
Kathy Bartlett			479	530-5926	7/15/2020	
TYPED OR PRINTED			AREA CODE	NUMBER	MM/DD/YYYY	

COMMENTS AND EXPLANATION OF VIOLATIONS (*Reference all attachments here*)

# 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: 2006010100  
 Customer Name : CANE ISLAND ESTATES POA  
 Customer Number : 3859  
 Report Date : 06/10/20

Sample Date : 06/04/20  
 Sample Time : 1026  
 Sample Type : GRAB WWATER  
 Sample From : FINAL EFFLUENT

Collected By: NTR  
 Delivery By : NTR  
 Work Order :  
 Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
Analysis			Result	Notes	Quantity	Method	Precision	Accuracy
Date	Time	By					Parameter	% RPD
06/04	1027	NTR	pH	7.1 S.U.		SM 2011 4500-H+B	1.42	N/A
06/08	1000	KNM	Phosphorous, Total (as P)	5.360 mg/L		HACH 10209	0.00	110.0 *
06/09	0815	KNM	Solids, Total Suspended	< 3.30 mg/L		SM 2011 2540 D	2.70	N/A *
06/04	1555	NTR	Fecal Coliform	< 1.0 /100ml		06/2012 Colilert18	0.00	N/A *
06/05	0640	DWC	BOD, Carbonaceous	2.60 mg/L		SM 2011 5210 B	0.00	100.6 *

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

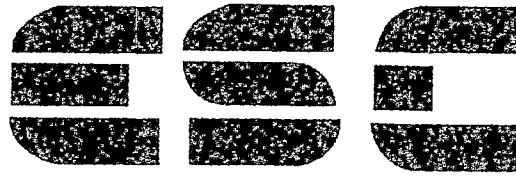
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature *Krist Mullis*  
 Environmental Services Co., Inc.

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 1084

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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



Springdale, Arkansas  
 479-750-1170

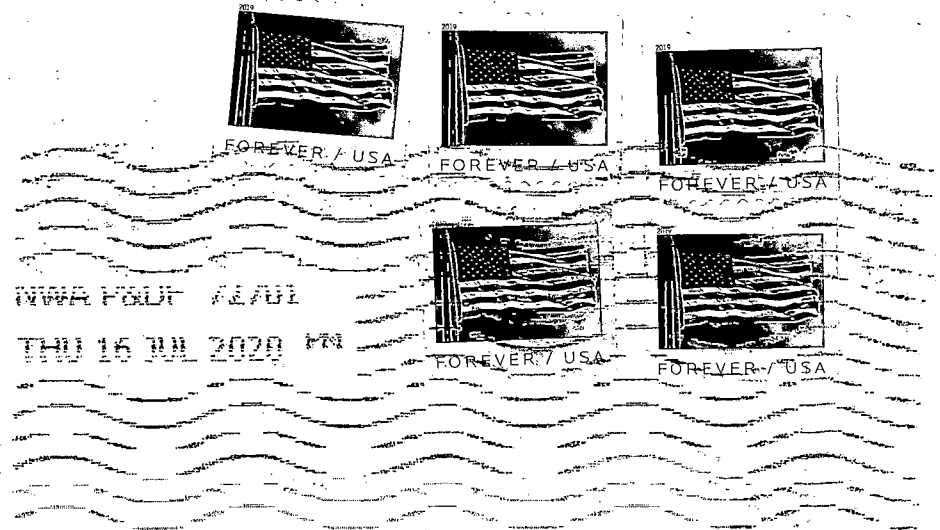
Carlsbad, New Mexico  
 575-887-1ESC


Phone: 501-221-2565 Fax: 501-221-1341

### CHAIN OF CUSTODY

Client Information				Project Information						Requested Parameters		
Client: Cane Island Estates POA				Permit/Project #:						TSS(20), CBOD(70)	Total P(25)	Fecal Coliform(43.F)
Address: 39 Nottingham Lane				Purchase Order #:								
Rogers, AR 72758				Work Order # 111816-AEG2								
Phone: 479-619-8450				Sampler Name(s): Ned Ryerson								
Fax: rhames@nwark.com				and Signature(s): Ned Ryerson								
Contact: Mr. Rusty Hames				ESC Client Number: 3859 Monthly								
Sample Identification		Sample Collection				Sample Containers						
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#			
Final Effluent	2008010100	6-4-20	1526	Grab	Wwater	Plastic	1/2 Gal	Cool < 6° C	1	X		
I	I	I	I	Grab	Wwater	Plastic	1 Liter	Cool < 6° C, H2SO4 to pH < 2	1	X		
				Grab	Wwater	Whirlpak	4 oz.	Cool < 10° C, Na2S2O3	1		X	
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seal:		Used?	Intact?	
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:		Regular	Special	
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:		Yes	No	
Comments:		Flow Data		Field Test		Time	Analyst	Result	Result	Units		
Site Address: 1364 Cane Island Road				pH:		1527	NPL	7.1	7.0	SU		
Flippin, AR 72634												
				Fecal Start:		1555	NPL	This Document is Page 1 of 1				

ATL



 **NWA Utility Services Inc**  
**PO Box 9299**  
**Fayetteville, AR 72703**

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