

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

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


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

PERMIT NO.
4899-WR-3
AFIN NO.
45-00214

MONITORING PERIOD		
MM/DD/YYYY	TO	MM/DD/YYYY
11/1/2020		11/31/2020

EFFLUENT LIMITS, MONITORING, AND REPORTING REQUIREMENTS						
PARAMETER	PERMIT LIMIT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
CARBONACEOUS BIOCHEMICAL OXYGEN DEMAND (CBOD5)	30	< 2.0		MG/L	Once per Month / Grab	
TOTAL SUSPENDED SOLIDS (TSS)	45	< 2.50		MG/L		
FECAL COLIFORM BACTERIA (FCB)	2000	19.7		COLONIES/100ml		
pH	6.0 - 9.0	7.2		s.u		
TOTAL PHOSPHOROUS (TP)	Report	< 2.000		MG/L		
TOTAL KJELDAHL NITROGEN (TKN)	Report	3		MG/L	Once per Quarter / Grab	
NITROGEN AMMONIA NITROGEN (NH ₃ - N)	Report	< 1.00		MG/L		
NITRITE NITROGEN (NO ₂ - N) + NITRATE NITROGEN (NO ₃ - N)	Report	19.5		MG/L		
PLANT AVAILABLE NITROGEN (PAN)	Report	20.31		MG/L		
TOTAL FLOW		MONTHLY TOTAL	DAILY MAX	GPD		
		23,589	1,019			

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	1,019
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		
			479	530-5926	12/14/2020
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	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: 2011010124
 Customer Name : CANE ISLAND ESTATES POA
 Customer Number : 3859
 Report Date : 11/13/20

Sample Date : 11/05/20
 Sample Time : 1030
 Sample Type : GRAB WWATER
 Sample From : FINAL EFFLUENT

Collected By: WGW
 Delivery By : WGW
 Work Order :
 Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
<u>Analysis</u>			<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>				<u>% RPD</u>	<u>% Recovery</u>
11/05	1038	WGW	pH	7.8	S.U.	SM 2011 4500-H+B	0.00	N/A *
11/09	1000	KNM	Phosphorus, Total (as P)	< 0.500	mg/L	HACH 10209	14.68	87.0 *
11/12	1215	AKA	Solids, Total Suspended	< 2.50	mg/L	SM 2011 2540 D	0.91	N/A *
11/05	1707	BXW	Fecal Coliform	24.3	/100ml	06/2012 Colilert18	0.00	N/A *
11/06	0607	BXW	BOD, Carbonaceous	3.26	mg/L	SM 2011 5210 B	0.00	109.0 *

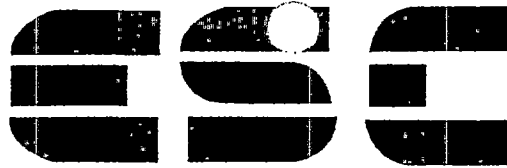
* QA data shown is from a different sample or standard on the same date.

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.

23589 1019
 NR

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

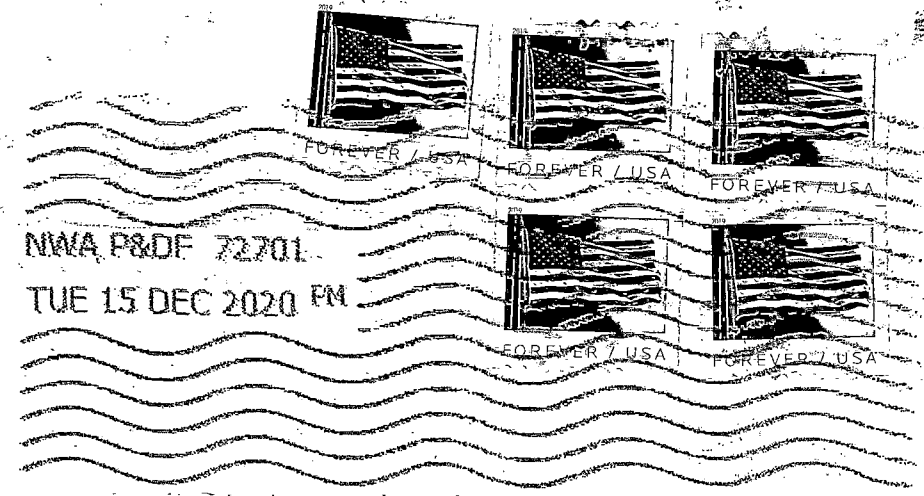
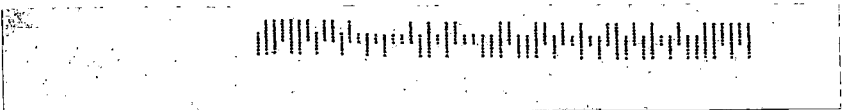
Carlsbad, New Mexico
 575-887-1ESC

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(28), CBOD(70)	Total P(25)	Fecal Coliform(43.1F)						
Address: 39 Nottingham Lane						Purchase Order #:													
Rogers, AR 72758						Work Order # 111816-AEG2													
Phone: 479-619-8450						Sampler Name(s): William Willoughby													
Fax: rhames@nwark.com						and Signature(s): <i>William Willoughby</i>													
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	2011016124	11-5-2020	1030	Grab	Wwater	Plastic	1/2 Gal	Cool ≤ 6° C	1	X									
		" "	1030	Grab	Wwater	Plastic	8oz Filter	Cool ≤ 6° C, H2SO4 to pH <2	1		X								
		" "	1050	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 Seals:		Used?	Intact?								
<i>William Willoughby</i>		11-5-2020		<i>William Willoughby</i>				Turnaround:		<input checked="" type="checkbox"/>	<input type="checkbox"/>								
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Regular		<input checked="" type="checkbox"/>	Special	<input type="checkbox"/>							
<i>William Willoughby</i>		11-5-2020	1600	<i>Benjamin</i>		11-5-2020	1621	Were samples properly preserved:		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>								
Comments:						Flow Data	Field Test	Time	Analyst	Result	Result	Units							
Site Address: 1364 Cane Island Road							pH: wkw	1038	wkw	7.8	7.8	SU							
Flippin, AR 72634																			
						Fecal Start:	1707	BXW	This Document is Page 1 of 1										

GA



NWA P&DF 72701
TUE 15 DEC 2020 PM

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

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