

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

<b>PERMITTEE NAME</b>
Joyce Street Cottages Property Owners Association Inc
<b>PERMITTEE ADDRESS</b>
4200 Gabel Dr Fayetteville AR 72703


<b>FACILITY NAME</b>
Joyce Street Cottages
<b>FACILITY ADDRESS</b>
3578 E Joyce Blvd Fayetteville AR 72703

<b>PERMIT NO.</b>
4957-WR-3

<b>AFIN NO.</b>
72-01805

<b>WASTEWATER EFFLUENT MONITORING PERIOD</b>	
MM/DD/YYYY	MM/DD/YYYY
9/1/2020	9/30/2020

TREATED WASTEWATER EFFLUENT SAMPLING					
Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.0219,753	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	0.010050	GPD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	< 2.0	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	11	mg/l		
Fecal Coliform Bacteria (FCB)	3,000	< 4.0	colonies/100ml		
pH	6.0 - 9.0	7.4	s.u.		
Total Phosphorus (TP)	REPORT	0.33	mg/l		
Total Kjeldahl Nitrogen (TKN)	REPORT		mg/l	Grab sample once per quarter	
Ammonia Nitrogen	REPORT		mg/l		
Nitrate Nitrogen ( NO <sub>3</sub> -N) + Nitrite Nitrogen ( NO <sub>2</sub> -N)	REPORT		mg/l		
Plant Available Nitrogen (PAN)	REPORT		mg/l		

NAME OF PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH 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.	 <b>SIGNATURE OF COGNIZANT OFFICIAL</b>	<b>TELEPHONE</b>
			(479) 530-5926
TYPED OR PRINTED			<b>DATE</b>
			10/15/2020

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

* LOADING RATE BY ZONE	
Zone 1	1437
Zone 2	1789
Zone 3	1889
Zone 4	1919
Zone 5	2191
Zone 6	825

# 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: 2009020044  
 Customer Name : JOYCE STREET UTILITY LLC  
 Customer/Permit No. : 1827 / 4957-WR-2 001  
 Report Date : 09/22/20

Sample Date : 09/16/20  
 Sample Time : 0850  
 Sample Type : GRAB  
 Sample From : EFFLUENT

Collected By: HNS  
 Delivery By : HNS  
 Work Order :  
 Purchase Order :

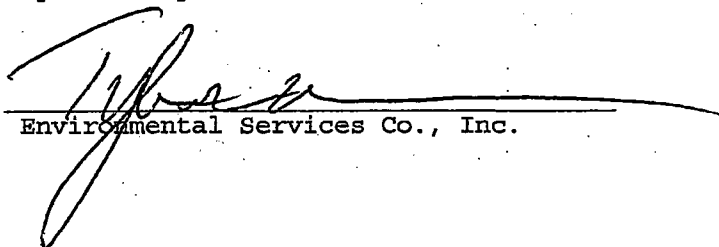
### Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
09/16	0853	HNS	pH	7.4	S.U.		SM 2011 4500-H+ B	0.00	N/A
09/21	1000	HNS	Phosphorous, Total (as P)	0.33	mg/L		EPA 365.3	0.97	103.0 *
09/21	1400	HNS	Solids, Total Suspended	11.0	mg/L		SM 2011 2540 D	0.00	N/A *
09/16	1630	HNS	Fecal Coliform (MPN/100mL)	< 4.0	/100mL		06/2012 Colilert18	0.00	N/A *
09/17	0730	TWM	BOD, Carbonaceous	< 2.0	mg/L		SM 2001 5210 B	0.00	93.8

\* 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.

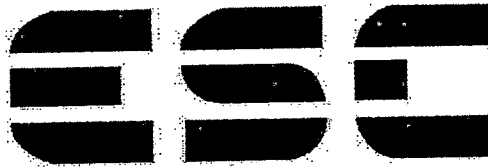
Signature \_\_\_\_\_



Environmental Services Co., Inc.

KMM 219753  
 10090

Environmental Services Company, Inc.  
 Northwest Arkansas  
 1107 Century Street  
 Springdale, Arkansas 72762  
 website: www.esclabs.com



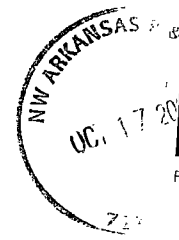
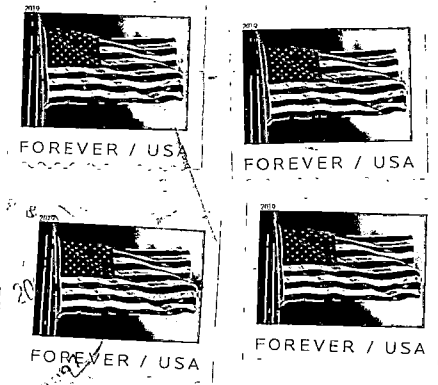
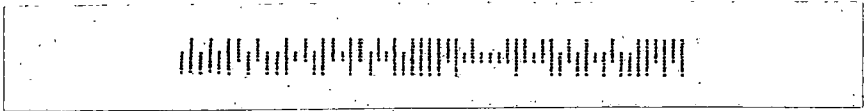
Corporate Office, Little Rock, Arkansas  
 501-221-2565


Carlsbad, New Mexico  
 575-887-1ESC

### CHAIN OF CUSTODY

Phone: 479-750-1170 Fax: 479-750-1172

Client Information						Project Information					Requested Parameters									
Company Name: Joyce St. Utility LLC						Permit/Project #: Monthly					CBOD (70), TSS (28)	T-Phos (25)	F. Coliform (43.1F)	pH (23)						
Address: 1849 Trillium Lane						Purchase Order #:														
Fayetteville Ar 72704						Sampler Name(s): Hayden Smith														
Telephone: (479)936-0333 (Cell)						and Signature(s): Hayden Smith														
Telephone:																				
ESC Client Number: 1827																				
Sample Identification		Sample Collection				Sample Containers														
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#											
EFFLUENT	2009020044	9/16/26	0850	GRAB	Water	Plastic	1/2 gal	None, Cool	1	X										
EFFLUENT	↓	↓	↓	GRAB	Water	Plastic	8 oz	H <sub>2</sub> SO <sub>4</sub> , pH<2	1		X									
EFFLUENT	↓	↓	↓	GRAB	Water	Sterile	125 mL	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1			X								
EFFLUENT	↓	↓	↓	GRAB	Water	Glass	250 mL	None	0				X							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Date	Time	Custody Seals:		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:		Date		Time		FLOW DATA		Field Test	Time	Analyst	Result	Result	Units							
		9/16/20		1600		Analyst:		pH:	0853	HNS	7.4	7.4	°C °F							
						Time:		Temp.:												
						Reading:		DO:												
						Units:		Debris:												
Cool all samples to 6 degrees C.								Chlorinated? Yes No		This Document is Page ___ of ___										



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

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