

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

**PERMITTEE NAME**

Joyce Street Cottages Property Owners Association Inc

**FACILITY NAME**

Joyce Street Cottages

**PERMIT NO.**

4957-WR-3

**PERMITTEE ADDRESS**

4200 Gabel Dr  
Fayetteville AR 72703

**FACILITY ADDRESS**

3578 E Joyce Blvd  
Fayetteville AR 72703

**AFIN NO.**

72-01805

**WASTEWATER EFFLUENT MONITORING PERIOD**

MM/DD/YYYY

3/1/2020

MM/DD/YYYY

3/31/2020

**TREATED WASTEWATER EFFLUENT SAMPLING**

Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	173,323	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	0.09992	GPD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	< 2.0	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	10.9	mg/l		
Fecal Coliform Bacteria (FCB)	3,000	25	colonies/100ml		
pH	6.0 - 9.0	7.3	s.u.		
Total Phosphorus (TP)	REPORT	1.61	mg/l		
Total Kjeldahl Nitrogen (TKN)	REPORT	14.5	mg/l	Grab sample once per quarter	
Ammonia Nitrogen	REPORT	2.57	mg/l		
Nitrate Nitrogen ( NO3-N) + Nitrite Nitrogen ( NO2-N)	REPORT	2.17	mg/l		
Plant Available Nitrogen (PAN)	REPORT	8.3	mg/l		

NAME OF PRINCIPAL EXECUTIVE OFFICER

Kathy Bartlett

TYPED OR PRINTED

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.

*K Bartlett*  
SIGNATURE OF COGNIZANT OFFICIAL

TELEPHONE

(479) 530-5926

DATE

4/13/2020

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

* LOADING RATE BY ZONE					
Zone 1	1429	Zone 5	2178		
Zone 2	1778	Zone 6	821		
Zone 3	1878				
Zone 4	1908				

# 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: 2003020136  
 Customer Name : JOYCE STREET UTILITY LLC  
 Customer/Permit No. : 1827 / 4957-WR-2 001  
 Report Date : 03/30/20

Sample Date : 03/24/20  
 Sample Time : 1200  
 Sample Type : GRAB WATER  
 Sample From : EFFLUENT

Collected By: BRS  
 Delivery By : BRS  
 Work Order :  
 Purchase Order :

### Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
03/24	1200	BRS	pH	7.3	S.U.		SM 2011 4500-H+ B	1.36	N/A
03/30	1015	TSB	Phosphorous, Total (as P)	1.61	mg/L		EPA 365.3	0.80	111.0
03/25	1420	TSB	Solids, Total Suspended	10.9	mg/L		SM 2011 2540 D	7.85	N/A *
03/24	1620	TSB	Fecal Coliform (MPN/100mL)	24.8	/100ml		06/2012 Colilert18	0.00	N/A *
03/25	1500	TSB	BOD, Carbonaceous	< 2.0	mg/L		SM 2001 5210 B	5.01	90.0 *

\* 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.

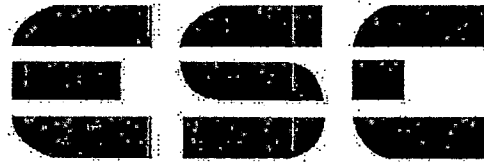
Signature \_\_\_\_\_

Environmental Services Co., Inc.

173, 323  
 9, 992

EB

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

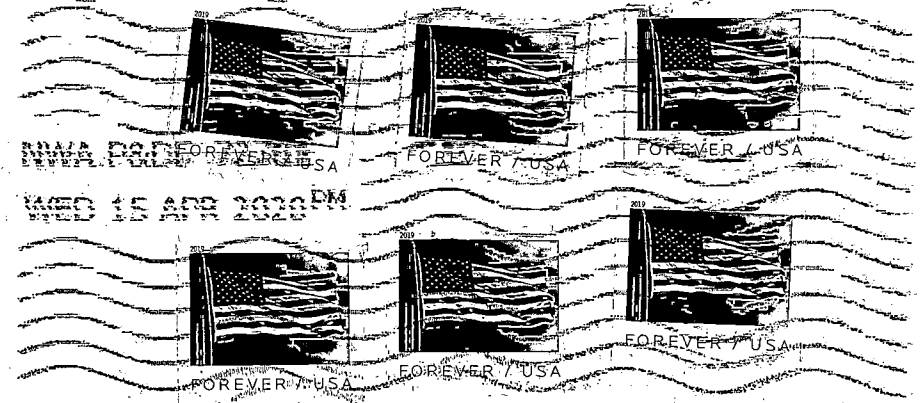
Phone: 479-750-1170 Fax: 479-750-1172

### CHAIN OF CUSTODY

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): Brian Steichman														
Telephone: (479)936-0333 (Cell)						and Signature(s):														
Telephone:																				
ESC Client Number: 1827																				
Sample Identification		Sample Collection				Sample Containers														
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#											
EFFLUENT	2003020136	3/24/20	12:00	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	250 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:										
Brian Steichman		3/24/20	12:00							Used?	<input checked="" type="checkbox"/>	Intact?	<input type="checkbox"/>							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)				Date	Time	Turnaround:										
										Regular	<input checked="" type="checkbox"/>	Special	<input type="checkbox"/>							
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)				Date	Time	Were samples properly preserved:										
				Lumen P. de Tamen Brooks				3-24-20	12:00	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>							
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units								
						Analyst:	pH:	12:00	BR5	7.3	7.4									
						Time:	Temp.:	↓	↓	16.5	19.2	°C °F								
						Reading:	DO:													
						Units:	Debris:													
Cool all samples to 6 degrees C.						Chlorinated? Yes No			This Document is Page 1 of 1											

NWA UTILI

PO Box 9299  
Fayetteville, AR  
72703



ADEQ  
Water Div. Permits Branch  
5301 Northshore Dr.  
N Little Rock, AR  
72118