

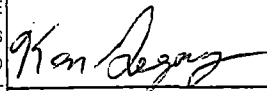
**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY  
DECENTRALIZED WASTEWATER TREATMENT FACILITIES VIA DRIP IRRIGATION  
MONTHLY MONITORING REPORT**

<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
1/1/2019	1/31/2019

TREATED WASTEWATER EFFLUENT SAMPLING						
Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting	
Flow, Monthly total	REPORT	0.308331	MG	Total Flow per calendar month	Prior to the 15th of the following Month	
Flow, daily maximum *	REPORT	10,010	GPD	Daily		
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	< 2	mg/l	Grab Sample once per month		
Total Suspended Solids (TSS)	45	6.2	mg/l			
Fecal Coliform Bacteria (FCB)	3,000	< 4	colonies/100ml			
pH	6.0 - 9.0	7.3	s.u.			
Total Phosphorus (TP)	REPORT	1.33	mg/l	Grab sample once per quarter		
Total Kjeldahl Nitrogen (TKN)	REPORT	No Report	mg/l			
Ammonia Nitrogen	REPORT	No Report	mg/l			
Nitrate Nitrogen ( NO <sub>3</sub> -N) + Nitrite Nitrogen ( NO <sub>2</sub> -N)	REPORT	No Report	mg/l			
Plant Available Nitrogen (PAN)	REPORT	No Report	mg/l			
<b>NAME OF PRINCIPAL EXECUTIVE OFFICER</b>	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>TELEPHONE</b>		
Ken Gregory					<b>DATE</b>	1/7/2019
<b>TYPED OR PRINTED</b>				<b>SIGNATURE OF COGNIZANT OFFICIAL</b>		
<b>COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)</b>						

* LOADING RATE BY ZONE					
Zone 1	1431.43	Zone 5	2182.18		
Zone 2	1781.78	Zone 6	820.82		
Zone 3	1881.88				
Zone 4	1911.91				

# 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: 1901020175  
 Customer Name : JOYCE STREET UTILITY LLC  
 Customer/Permit No. : 1827 / 4957-WR-2 001  
 Report Date : 01/22/19

Sample Date : 01/16/19  
 Sample Time : 1120  
 Sample Type : GRAB JOYCE STREET  
 Sample From : EFFLUENT

Collected By: JEW  
 Delivery By : JEW  
 Work Order :  
 Purchase Order :


### Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
01/16	1130	JEW	pH	7.3	S.U.		SM 2000 4500-H+ B	0.00	N/A
01/21	1100	TSB	Phosphorous, Total (as P)	1.330	mg/L		EPA 365.3	0.00	109.0 *
01/21	1600	AKA	Solids, Total Suspended	6.2	mg/L		SM 2011 2540 D	23.05	N/A *
01/16	1700	TSB	Fecal Coliform (MPN/100mL)	< 4.0	/100ml		06/2012 Colilert18	13.66	0.0 *
01/16	1400	TSB	BOD, Carbonaceous	< 2.0	mg/L		SM 2001 5210 B	4.75	109.9 *
01/18	1000		Sample Collection/Travel	1	each				

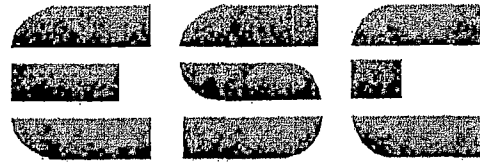
\* QA data shown is from a different sample or standard on the same date.

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.

Environmental Services Company, Inc.  
 Northwest Arkansas  
 1107 Century Street  
 Springdale, Arkansas 72762  
 website: [www.esclabs.com](http://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 #:						pH(23)	Phos(25)	CBOD(70), TSS(28) % Solids(82)	F. Coliform (43.IF)									
Address: 1849 Trillium Lane						Purchase Order #:																		
Fayetteville Ar 72704						Sampler Name(s): <i>James Wilts James Wilts</i>																		
Telephone: (479)936-0333 (Cell)						and Signature(s):																		
ESC Client Number: 1827																								
Sample Identification			Sample Collection			Sample Containers																		
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#															
EFFLUENT	1901020175	1-16-19	1120	GRAB	Water	teflon	150 ml	none	1	x														
EFFLUENT	1901020175			GRAB	Water	Plastic	8 oz	H <sub>2</sub> SO <sub>4</sub> , pH<2	1		x													
EFFLUENT				GRAB	Water	Plastic	1/2 gal	none/ice	1			x												
EFFLUENT				GRAB	Water	Whirlpak	125 ml	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1				x											
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:		Used? <input type="checkbox"/>		Intact? <input type="checkbox"/>												
<i>James Wilts James Wilts</i>		1-16-19	1230	<i>James Wilts James Wilts</i>				Turnaround:		Regular <input type="checkbox"/>		Special <input type="checkbox"/>												
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:		Yes <input type="checkbox"/>		No <input type="checkbox"/>												
				<i>James Wilts James Wilts</i>		1-16-19	1230																	
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units												
						Analyst:	pH:	1130	<i>JEW</i>	7.3	7.3													
						Time:	Temp.:	1130	<i>JEW</i>	11.1	11.0	°C	°F											
						Reading:	DO:																	
						Units:	Debris:																	
Cool all samples to 6 degrees C.						Chlorinated? Yes No						This Document is Page ___ of ___												