

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


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

FACILITY NAME
Joyce Street Cottages
FACILITY ADDRESS
3578 E Joyce Blvd Fayetteville AR 72703

PERMIT NO.
4957-WR-3
AFIN NO.
72-01805

WASTEWATER EFFLUENT MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
9/1/2019	9/30/2019

TREATED WASTEWATER EFFLUENT SAMPLING					
Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.112259	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	0.05180	GPD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	< 2.0	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	11.4	mg/l		
Fecal Colliform Bacteria (FCB)	3,000	< 4.0	colonies/100ml		
pH	6.0 - 9.0	7.4	s.u.		
Total Phosphorus (TP)	REPORT	3.16	mg/l		
Total Kjeldahl Nitrogen (TKN)	REPORT		mg/l	Grab sample once per quarter	
Ammonia Nitrogen	REPORT		mg/l		
Nitrate Nitrogen (NO ₃ -N) + Nitrite Nitrogen (NO ₂ -N)	REPORT		mg/l		
Plant Available Nitrogen (PAN)	REPORT		mg/l		

NAME OF PRINCIPAL EXECUTIVE OFFICER <i>Kathy Bartlett</i> Ken Gregory	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.	 SIGNATURE OF COGNIZANT OFFICIAL	TELEPHONE (479) 530-5926
			DATE 10/14/2019

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

* LOADING RATE BY ZONE					
Zone 1	1036.00	Zone 5	1036.00		
Zone 2	1036.00	Zone 6	0.00		
Zone 3	1036.00				
Zone 4	1036.00				

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: 1909020100
 Customer Name : JOYCE STREET UTILITY LLC
 Customer/Permit No. : 1827 / 4957-WR-2 001
 Report Date : 10/03/19

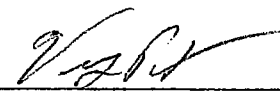
Sample Date : 09/27/19
 Sample Time : 1010
 Sample Type : GRAB JOYCE
 Sample From : EFFLUENT

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

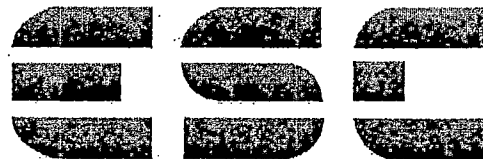
<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
<u>Analysis</u>			<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time</u>	<u>By</u>					<u>Parameter</u>	<u>% RPD</u>
09/27	1010	JEW	pH	7.4 S.U.		SM 2011 4500-H+ B	0.00	N/A *
09/30	1330	TSB	Phosphorous, Total (as P)	3.160 mg/L		EPA 365.3	2.23	112.0 *
09/30	1030	TSB	Solids, Total Suspended	11.4 mg/L		SM 2011 2540 D	0.00	N/A *
09/27	1600	TSB	Fecal Coliform (MPN/100mL)	< 4.0 /100ml		06/2012 Colilert18	0.00	0.0
09/27	1100	TSB	BOD, Carbonaceous	< 2.0 mg/L		SM 2001 5210 B	12.23	103.6 *

* 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 
 Environmental Services Co., Inc.

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

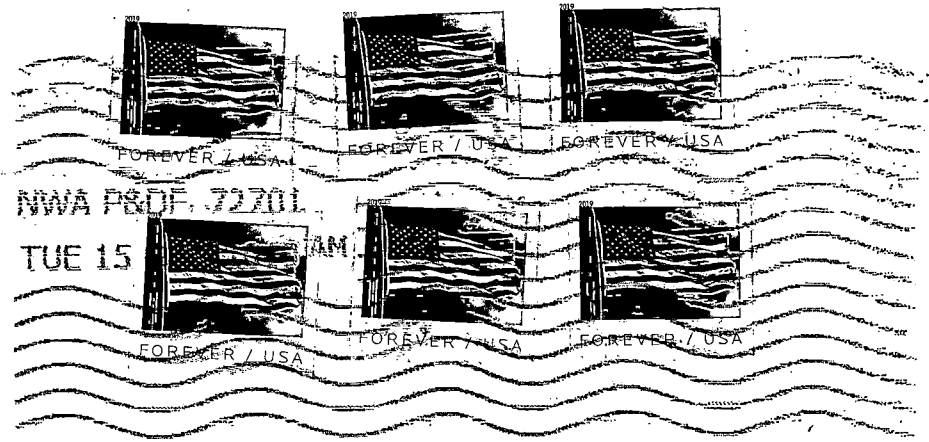
Phone: 479-750-1170 Fax: 479-750-1172

CHAIN OF CUSTODY

Client Information						Project Information				Requested Parameters									
Company Name:		Joyce St. Utility LLC				Permit/Project #:		Monthly		pH (23)	T-Phos (25)	CBOD (70), TSS (28)	F. Coliform (43.1F)						
Address:		1849 Trillium Lane Fayetteville Ar 72704				Purchase Order #:													
Telephone:		(479)936-0333 (Cell)				Sampler Name(s):		<i>James Wilth James Wilthse</i>											
Telephone:						and Signature(s):													
ESC Client Number:		1827																	
Sample Identification		Sample Collection				Sample Containers				pH (23)	T-Phos (25)	CBOD (70), TSS (28)	F. Coliform (43.1F)						
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#										
EFFLUENT	1909020100	9-27-19	1010	GRAB	Water	teflon	150 ml	none	1	X									
EFFLUENT				GRAB	Water	Plastic	8 oz	H ₂ SO ₄ , pH<2	1		X								
EFFLUENT				GRAB	Water	Plastic	1/2 gal	none/ice	1			X							
EFFLUENT				GRAB	Water	Whirlpak	100 ml	Na ₂ S ₂ O ₃	1				X						
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:		Used?	<input checked="" type="checkbox"/>	Intact?	<input type="checkbox"/>						
<i>James Wilth James Wilthse</i>		9-27-19	1040					Turnaround:		Regular	<input checked="" 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 checked="" type="checkbox"/>	No	<input type="checkbox"/>						
				<i>James Wilth James Wilthse</i>		9-27-19	1040												
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	FLOW DATA		Field Test	Time	Analyst	Result	Result	Units				
				<i>James Wilth James Wilthse</i>				Analyst:		pH:	1010	<i>JKW</i>	7.4	7.5					
								Time:		Temp.:	1010	<i>JKW</i>	26.1	26.1	°C				
								Reading:		DO:									
								Units:		Debris:									
Comments:		Cool all samples to 6 degrees C.				Chlorinated? Yes No		This Document is Page 1 of 1											

NWA Utility Service
PO BOX 9299
Fayetteville, AR

72703



ADEQ
Water Division
Permits Branch
5301 Northshore Drive
N. Little Rock, AR

72118-5317