

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

**PERMITTEE NAME**  
 Joyce Street Cottages Propert Owners Assoc

**FACILITY NAME (IF DIFFERENT)**  
 Joyce Street Cottages Property Owners Association

**PERMIT NO.**  
 4957-WR-2


**PERMITTEE ADDRESS**  
 4181 Rolling Meadows  
 Fayetteville, AR

**FACILITY ADDRESS**  
 3578 E Joyce Blvd  
 Fayetteville AR 72703

**AFIN NO.**  
 72-01805

**WASTEWATER EFFLUENT MONITORING PERIOD**

MM/DD/YYYY	MM/DD/YYYY
FROM 2/1/2018	2/28/2018

TREATED WASTEWATER EFFLUENT SAMPLING								
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	*****	1.1		MG/L	ONCE/ MONTH	GRAB		
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	3		MG/L	ONCE/ MONTH	GRAB		
PH EFFLUENT GROSS VALUE	6 to 9	7.4		S.U.	ONCE/ MONTH	GRAB		
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	5.5		MG/L	ONCE/ MONTH	GRAB		
SOLIDS, % TOTAL	*****	0.035		MG/L	ONCE/ MONTH	GRAB		
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	3,000	80		N/100 ML	ONCE/ MONTH	GRAB		
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW		
		151,016	9,617					
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		DATE	
Kathryn Bartlett					 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	479	5305926	3/8/2018
TYPED OR PRINTED						AREA CODE	NUMBER	MM/DD/YYYY
COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)								

Feb 2018 JOYCE STREET COTTAGES LOADING RATES 9,617 Max Day

Zone Identification	GPD/sq 2
Zone 1	1,375
Zone 2	1,712
Zone 3	1,808
Zone 4	1,837
Zone 5	2,097
Zone 6	741

# 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: 1802020190  
 Customer Name : JOYCE STREET UTILITY LLC  
 Customer/Permit No. : 1827 / 4957-WR-2 001  
 Report Date : 03/06/18


Sample Date : 02/27/18  
 Sample Time : 1225  
 Sample Type : GRAB  
 Sample From : EFFLUENT

Collected By: JCB  
 Delivery By : JCB  
 Work Order :  
 Purchase Order :

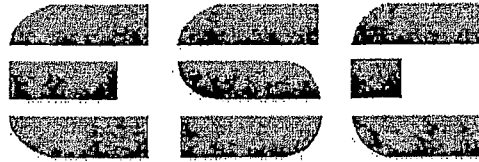
<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
<u>Analysis</u>			<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time</u>	<u>By</u>					<u>Parameter</u>	<u>% RPD</u>
02/27	1225	JCB	pH	7.4 S.U.		SM 2000 4500-H+ B	0.00	N/A
03/05	1230	TSB	Phosphorous, Total (as P)	1.1 mg/L		EPA 365.3	0.00	103.1
03/01	1600	JCB	Solids, Total Suspended	5.5 mg/L		SM 1997 2540 D	7.34	N/A *
02/27	1550	TSB	Coliform, Fecal	80 /100ml		SM 9222 D 1997	0.00	N/A *
02/28	1400	TSB	BOD, Carbonaceous	3.0 mg/L		SM 2001 5210 B	1.29	107.4 *
02/27	1630	JCB	Solids, % Total by mass	0.035 %		SM 1997 2540 G	8.70	N/A *
02/27	1225	JCB	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



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)						
Address:		1849 Trillium Lane Fayetteville Ar 72704				Purchase Order #:														
Telephone:		(479)936-0333 (Cell)				Sampler Name(s):		John Byrd John Byrd												
Telephone:						and Signature(s):														
ESC Client Number:		1827																		
Sample Identification			Sample Collection			Sample Containers														
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#											
EFFLUENT	1802020190	2/22/18	1225	GRAB	Water	teflon	150 ml	none	1	X										
EFFLUENT				GRAB	Water	Plastic	8 oz	H <sub>2</sub> SO <sub>4</sub> , pH<2	1		X									
EFFLUENT				GRAB	Water	Plastic	1 qt	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?	Intact?									
John Byrd		2/22/18	1305	John Byrd						<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:		Regular	Special									
										<input checked="" type="checkbox"/>	<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:		Yes	No									
				James P. ...		2/21/18	1305			<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units								
Sample(s) Received On ICE						Analyst:	pH:	1225	DCB	7.4	7.4									
Temp: 1.2°C						Time:	Temp.:			11.3	11.3	°C	°F							
						Reading:	DO:													
						Units:	Debris:													
Cool all samples to 6 degrees C.						Chlorinated? Yes No		This Document is Part <u>1</u> of <u>1</u>												