

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

<b>PERMITTEE NAME</b>
Joyce Street Cottages Propert Owners Assoc

<b>FACILITY NAME (IF DIFFERENT)</b>
Joyce Street Cottages Property Owners Association

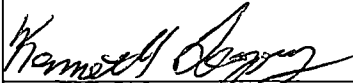
<b>PERMIT NO.</b>
4957-WR-2

<b>PERMITTEE ADDRESS</b>
4181 Rolling Meadows Fayetteville, AR

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

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

<b>WASTEWATER EFFLUENT MONITORING PERIOD</b>	
MM/DD/YYYY	MM/DD/YYYY
FROM 6/1/2018	6/30/2018

TREATED WASTEWATER EFFLUENT SAMPLING							
PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	*****	5.8		MG/L	ONCE/MONTH	GRAB	
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	< 2		MG/L	ONCE/MONTH	GRAB	
PH EFFLUENT GROSS VALUE	6 to 9	7.1		S.U.	ONCE/MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	6.6		MG/L	ONCE/MONTH	GRAB	
SOLIDS, % TOTAL	*****	0.03		MG/L	ONCE/MONTH	GRAB	
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	3,000	< 10		N/100 ML	ONCE/MONTH	GRAB	
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/MONTH	TOTAL FLOW	
		79,724	3,305				
NAME/TITLE 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.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE		DATE
Kathryn Bartlett					479	5305926	7/3/2018
TYPED OR PRINTED					AREA CODE	NUMBER	MM/DD/YYYY
COMMENTS AND EXPLANATION OF VIOLATIONS ( <i>Reference all attachments here</i> )							

June 2018 JOYCE STREET COTTAGES LOADING RATES 3,305 Gal Max day

Zone Identification	GPD/sq 2
Zone 1	473
Zone 2	588
Zone 3	621
Zone 4	631
Zone 5	720
Zone 6	254

# 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: 1806020167  
 Customer Name : JOYCE STREET UTILITY LLC  
 Customer/Permit No. : 1827 / 4957-WR-2 001  
 Report Date : 06/29/18

Sample Date : 06/20/18  
 Sample Time : 0938  
 Sample Type : GRAB JOYCE STREET  
 Sample From : EFFLUENT

Collected By: JTR  
 Delivery By : JTR  
 Work Order :  
 Purchase Order :

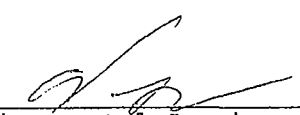
### Laboratory Analysis

<u>Analysis</u>						<u>Quality Assurance</u>			
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
								<u>% RPD</u>	<u>% Recovery</u>
06/20	0944	JCB	pH	7.1	S.U.		SM 2000 4500-H+ B	0.00	N/A *
06/21	0935	TSB	Phosphorous, Total (as P)	5.8	mg/L		EPA 365.3	1.45	100.0 *
06/26	1330	TSB	Solids, Total Suspended	6.6	mg/L		SM 1997 2540 D	0.00	N/A *
06/20	1617	VLP	Coliform, Fecal	< 10	/100ml		SM 9222 D 1997	66.67	N/A *
06/20	1400	TSB	BOD, Carbonaceous	< 2.0	mg/L		SM 2001 5210 B	14.30	101.8 *
06/28	0845	TSB	Solids, % Total by mass	0.030	%		SM 1997 2540 G	3.28	N/A
06/20	1030	NTR	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.

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 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: 1806020172  
 Customer Name : WATERFORD UTILITY, LLC  
 Customer/Permit No. : 1886 / 4815-WR-4  
 Report Date : 06/28/18

Sample Date : 06/20/18  
 Sample Time : 0831  
 Sample Type : GRAB WATERFORD  
 Sample From : DOSE TANK EFFLUENT

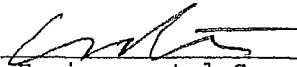
Collected By: NTR  
 Delivery By : NTR  
 Work Order :  
 Purchase Order :

### Laboratory Analysis

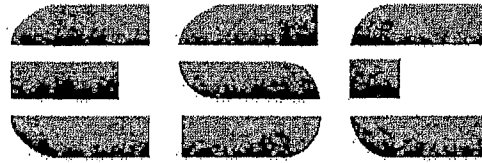
Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
06/20	0831	JCB	pH	7.7 S.U.			SM 2000 4500-H+ B	0.00	N/A *
06/21	0935	TSB	Phosphorous, Total (as P)	8.7 mg/L			EPA 365.3	1.45	100.0 *
06/26	1330	TSB	Solids, Total Suspended	5.7 mg/L			SM 1997 2540 D	0.00	N/A *
06/20	1617	VLP	Coliform, Fecal	1019 /100ml			SM 9222 D 1997	66.67	N/A *
06/20	1400	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	14.30	101.8 *
06/20	0900	NTR	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): Ned T Ryerson																	
Telephone:				and Signature(s): Ned T. Ryerson																	
ESC Client Number: 1827																					
Sample Identification		Sample Collection				Sample Containers															
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#												
EFFLUENT	B06020167	6-26-18	0938	GRAB	Water	teflon	150 ml	none	1	x											
EFFLUENT	I	I	I	GRAB	Water	Plastic	8 oz	H <sub>2</sub> SO <sub>4</sub> pH<2	1		x										
EFFLUENT	I	I	I	GRAB	Water	Plastic	1/2 gal	none/ice	1			x									
EFFLUENT	I	I	I	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?										
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:		6-26-18 1050		John Byrd John Byrd		6/26/18 1050		FLOW DATA	Field Test	Time	Analyst	Result	Result	Units							
								Analyst:	pH:	0944	NTL	7.1	7.0	SL							
								Time:	Temp.:					°C	°F						
								Reading:	DO:												
								Units:	Debris:												
Cool all samples to 6 degrees C.										Chlorinated? Yes No		This Document is Page <u>1</u> of <u>1</u>									