

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

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

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

**PERMIT NO.**  
 4957-WVR-2

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

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

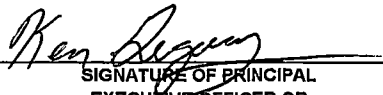
**AFIN NO.**  
 72-01805

**WASTEWATER EFFLUENT MONITORING PERIOD**

MM/DD/YYYY		MM/DD/YYYY
1/1/2017		1/31/2017

FROM

**TREATED WASTEWATER EFFLUENT SAMPLING**

PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	*****	1.3		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	7.6		S.U.	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	15	4		MG/L	ONCE/ MONTH	GRAB
SOLIDS, % TOTAL	*****	0.04		MG/L	ONCE/ MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	3,000	< 2		N/100 ML	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		198,037	8,794			
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
TYPED OR PRINTED				479	5305926	2/8/2017
				AREA CODE	NUMBER	MM/DD/YYYY

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

See Attached sheet for loading rate for zones.

JOYCE STREET COTTAGES LOADING RATES Jan 2017

Zone Identification	GPD/sq 2
Zone 1	1,258
Zone 2	1,565
Zone 3	1,653
Zone 4	1,680
Zone 5	1,917
Zone 6	677

# 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: 1701020175  
 Customer Name : JOYCE STREET UTILITY LLC  
 Customer/Permit No. : 1827 / 4957-WR-1 001  
 Report Date : 01/30/17

Sample Date : 01/25/17  
 Sample Time : 0814  
 Sample Type : GRAB  
 Sample From : EFFLUENT

Collected By: AU  
 Delivery By : AU  
 Work Order :  
 Purchase Order :

### Laboratory Analysis

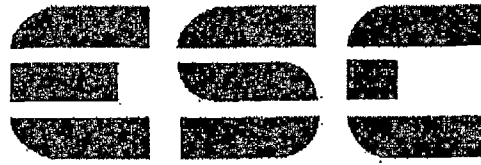
Analysis			Laboratory Analysis				Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
01/25	0821	AEU	pH	7.6	S.U.		SM 2000 4500-H+ B	0.00	N/A
01/26	1300	TSB	Phosphorous, Total (as P)	1.3	mg/L		EPA 365.3	0.00	101.2 *
01/26	1200	AEU	Solids, Total Suspended	4.0	mg/L		SM 1997 2540 D	50.00	N/A *
01/25	1650	RHB	Coliform, Fecal	< 2	/100ml		SM 9222 D 1997	18.67	N/A *
01/25	1200	JCB	BOD, Carbonaceous	< 2.0	mg/L		SM 2001 5210 B	3.17	88.3 *
01/26	1000	AEU	Solids, % Total by mass	0.040	%		SM 1997 2540 G	5.00	N/A
01/25	0821	AEU	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 Richard Brown  
 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)									
Address:		1849 Trillium Lane		Purchase Order #:																		
		Fayetteville Ar 72704		Sampler Name(s):		<i>Amber Underwood</i>																
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	#	pH(23)	Phos(25)	CBOD(70), TSS(28) % Solids(82)	F. Coliform (43)									
EFFLUENT	1701020175	1/25/17	0814	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 qt	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:										
		1/25/17		0842								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:										
								1/25/17		0842		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>									
Comments:						FLOW DATA		Field Test:				Result		Result		Units						
						Analyst:		pH:		0821 AEU		7.6		7.6								
						Time:		Temp.:		0821 AEU		13.2		13.2		°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>								