

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	
FROM	
MM/DD/YYYY	MM/DD/YYYY
2/1/2017	2/28/2017

TREATED WASTEWATER EFFLUENT SAMPLING

PARAMETER	PERMIT REQUIREMENT	SAMPLE MEASUREMENT		UNITS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE	*****	3.9		MG/L	ONCE/ MONTH	GRAB
CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	15	8.6		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	18		MG/L	ONCE/ MONTH	GRAB
SOLIDS, % TOTAL	*****	0.031		MG/L	ONCE/ MONTH	GRAB
COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	3,000	44		N/100 ML	ONCE/ MONTH	GRAB
FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE	*****	MONTHLY TOTAL	DAILY MAX	GPD	ONCE/ MONTH	TOTAL FLOW
		123,616	7,310			
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	3/13/2017
				AREA CODE	NUMBER	MM/DD/YYYY

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

Have increased Recirculation pump run time in order to send more settled solids back to settling tank to try and reduce amount of solids at end of system. Will monitor and report.

JOYCE STREET COTTAGES LOADING RATES FEB 2017 7,310 Gallons

Zone Identification	GPD/sq 2
Zone 1	1,045
Zone 2	1,301
Zone 3	1,374
Zone 4	1,396
Zone 5	1,594
Zone 6	563

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: 1702020192
 Customer Name : JOYCE STREET UTILITY LLC
 Customer/Permit No. : 1827 / 4957-WR-2 001
 Report Date : 02/21/17

Sample Date : 02/15/17
 Sample Time : 0955
 Sample Type : GRAB
 Sample From : EFFLUENT

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

Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
02/15	0955	JCB	pH	7.4	S.U.		SM 2000 4500-H+ B	0.00	N/A
02/21	0800	TSB	Phosphorous, Total (as P)	3.9	mg/L		EPA 365.3	1.90	100.0 *
02/17	1234	AEU	Solids, Total Suspended	18.0	mg/L	(b)	SM 1997 2540 D	0.00	N/A
02/16	1450	JCB	Coliform, Fecal	44	/100ml		SM 9222 D 1997	55.56	N/A *
02/15	1400	AEU	BOD, Carbonaceous	8.6	mg/L		SM 2001 5210 B	4.19	100.9 *
02/16	0830	TSB	Solids, % Total by mass	0.031	%		SM 1997 2540 G	0.35	N/A *
02/15	0955	JCB	Sample Collection/Travel	1	each				

* QA data shown is from a different sample or standard on the same date.
 (b) Exceeds Permit Limits for Maximum Concentration

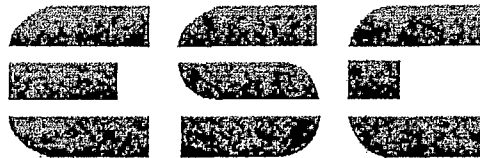
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of 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



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>John Byrd</i>																
Telephone: (479)936-0333 (Cell)				and Signature(s): <i>John Byrd</i>																
Telephone:																				
ESC Client Number: 1827																				
Sample Identification		Sample Collection				Sample Containers														
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#											
EFFLUENT	170202092	2/15/17	955	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 qt	none/ice	1			X								
EFFLUENT				GRAB	Water	Whirlpak	125 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?	Intact?									
<i>John Byrd</i> John Byrd		2/15/17	1045	<i>John Byrd</i> John Byrd				Turnaround:		<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Regular		<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									
				<i>Amber Underwood</i>		2/15/17	1045	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Comments:				FLOW DATA		Field Test	Time	Analyst	Result	Result	Units									
				Analyst:		pH:	0955	JCB	7.4	7.4										
				Time:		Temp.:			12.1	12.1	°F									
				Reading:		DO:														
				Units:		Debris:														
Cool all samples to 6 degrees C.						Chlorinated? Yes No				This Document is Page 1 of 1										