

**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
2/1/2021	2/28/2021

TREATED WASTEWATER EFFLUENT SAMPLING					
Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.0352,911	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	15,509	GPD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	< 2.0	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	7.5	mg/l		
Fecal Coliform Bacteria (FCB)	3,000	< 1.0	colonies/100ml		
pH	6.0 - 9.0	7.3	s.u.		
Total Phosphorus (TP)	REPORT	2.32	mg/l	Grab sample once per quarter	
Total Kjeldahl Nitrogen (TKN)	REPORT	15.9	mg/l		
Ammonia Nitrogen	REPORT	9.76	mg/l		
Nitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N)	REPORT	2.31	mg/l		
Plant Available Nitrogen (PAN)	REPORT	13.9	mg/l		

NAME OF 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 COGNIZANT OFFICIAL	TELEPHONE
Kathy Bartlett			(479) 530-5926
TYPED OR PRINTED			DATE
			3/10/2021

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

* LOADING RATE BY ZONE		
Zone 1	0.143	2218
Zone 2	0.178	2760
Zone 3	0.188	2915
Zone 4	0.191	2962
Zone 5	0.218	3381
Zone 6	0.082	4273

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: 2102020070
 Customer Name : JOYCE STREET UTILITY LLC
 Customer/Permit No. : 1827 / 4957-WR-2 001
 Report Date : 03/10/21

Sample Date : 02/24/21
 Sample Time : 1340
 Sample Type : GRAB
 Sample From : EFFLUENT

Collected By: TWM
 Delivery By : TWM
 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>
03/02	0730	HNS	Ammonia as N, (HACH 10205)	9.76 mg/L			SM 2011 4500-NH3 F	0.61	96.0 *
03/08	1000	TWM	Total Kjeldahl Nitrogen	15.9 mg/L			02/2014 HACH 10242	3.17	103.0 *
02/24	1345	TWM	pH	7.3 S.U.			SM 2011 4500-H+ B	0.00	N/A
03/02	1200	HNS	Phosphorous, Total (as P)	2.32 mg/L			EPA 365.3	0.18	105.0 *
03/01	0800	HNS	Solids, Total Suspended	7.5 mg/L			SM 2011 2540 D	0.00	N/A *
02/24	1610	HNS	Fecal Coliform (MPN/100mL)	< 1.0 /100ml			06/2012 Colilert18	0.00	N/A *
02/26	0800	TWM	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	0.00	91.5
03/01	1500	HNS	Nitrate + Nitrite	2.31 mg/L			01/2013 HACH 10206	0.62	101.0 *
03/09	0905	TWM	Nitrogen, Plant Available	13.9 mg/L			SM 1997 4500-N		

* QA data shown is from a different sample or standard on the same date.

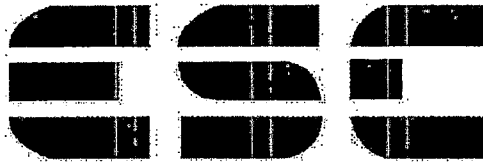
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of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

352911
 15509

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 #:		Quarterly			pH (23)	T-Phos (25), NH ₃ -N (15.A), s-TKN (16.C), NO ₃ +NO ₂ (91)	CBOD(70), TSS (28)	F. Coliform (43.IF)	PAN (99.99)									
Address:		1849 Trillium Lane Fayetteville Ar 72704				Purchase Order #:																		
Telephone:		(479)936-0333 (Cell)				Sampler Name(s):		<i>[Signature]</i>																
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	2102020070	2/24/21	1340	GRAB	Water	Glass	150 ml	none	1	X														
EFFLUENT				GRAB	Water	Plastic	8 oz	H ₂ SO ₄ , pH<2	1		X	X									X			
EFFLUENT				GRAB	Water	Plastic	1/2 gal	none/ice	1				X											
EFFLUENT				GRAB	Water	Sterile	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"/>											
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:		Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>											
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units												
						Analyst:	pH:	1345	Twe	7.35	7.34													
						Time:	Temp.:					°C °F												
						Reading:	DO:																	
						Units:	Debris:																	
Cool all samples to 6 degrees C.						Chlorinated? Yes No		This Document is Page		of														



NWA Utility Services Inc

PO Box 9299

Fayetteville, AR 72703

ADEQ

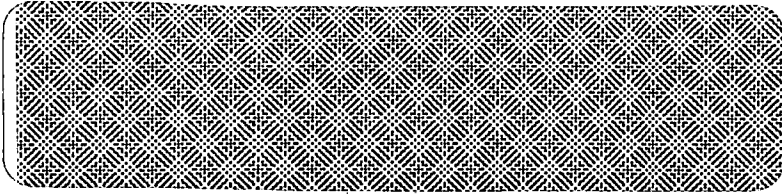
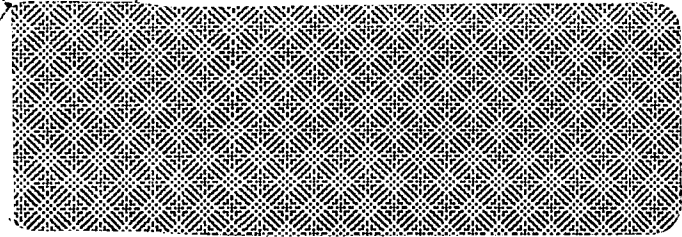
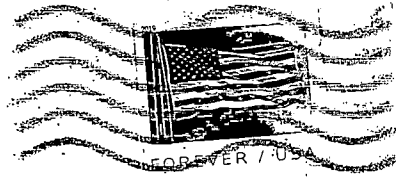
WATER DIVISION/PERMITS BRANCH

5301 Northshore Drive

N Little Rock, AR 72118-5317

NEW ARKANSAS AR 727

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