

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

PERMITTEE NAME

Joyce Street Cottages Property Owners Association Inc

FACILITY NAME

Joyce Street Cottages

PERMIT NO.

4957-WR-3

PERMITTEE ADDRESS

4200 Gabel Dr
Fayetteville AR 72703

FACILITY ADDRESS

3578 E Joyce Blvd
Fayetteville AR 72703

AFIN NO.

72-01805

WASTEWATER EFFLUENT MONITORING PERIOD

MM/DD/YYYY

11/1/2019

MM/DD/YYYY

11/30/2019

TREATED WASTEWATER EFFLUENT SAMPLING

Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.203,031	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	0.09513	GPD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	< 2.0	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	4.2	mg/l		
Fecal Coliform Bacteria (FCB)	3,000	121	colonies/100ml		
pH	6.0 - 9.0	7.7	s.u.		
Total Phosphorus (TP)	REPORT	1.68	mg/l		
Total Kjeldahl Nitrogen (TKN)	REPORT	5	mg/l	Grab sample once per quarter	
Ammonia Nitrogen	REPORT	3.53	mg/l		
Nitrate Nitrogen (NO ₃ -N) + Nitrite Nitrogen (NO ₂ -N)	REPORT	4.71	mg/l		
Plant Available Nitrogen (PAN)	REPORT	8.7	mg/l		

NAME OF PRINCIPAL EXECUTIVE OFFICER

Ken Gregory

TYPED OR PRINTED

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.

Ken Gregory
SIGNATURE OF COGNIZANT OFFICIAL

TELEPHONE

(479) 530-5926

DATE

12/16/2019

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

* LOADING RATE BY ZONE					
Zone 1	1360	Zone 5	2073		
Zone 2	1693	Zone 6	782		
Zone 3	1788				
Zone 4	1817				

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: 1911020120
 Customer Name : JOYCE STREET UTILITY LLC
 Customer/Permit No. : 1827 / 4957-WR-2 001
 Report Date : 12/02/19

Sample Date : 11/20/19
 Sample Time : 1005
 Sample Type : GRAB JOYCE
 Sample From : EFFLUENT

Collected By: TWM
 Delivery By : TWM
 Work Order :
 Purchase Order :

Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
11/21	1000	TSB	Ammonia as N, (HACH 10205)	3.53 mg/L			SM 2011 4500-NH3 F	0.40	98.0 *
12/02	1200	TSB	Total Kjeldahl Nitrogen	5.0 mg/L			02/2014 HACH 10242	1.90	98.4
11/20	1005	TWM	pH	7.7 S.U.			SM 2011 4500-H+ B	0.00	N/A *
11/22	1445	TSB	Phosphorous, Total (as P)	1.68 mg/L			EPA 365.3	0.58	108.0 *
11/25	1430	TSB	Solids, Total Suspended	4.2 mg/L			SM 2011 2540 D	10.17	N/A *
11/20	1714	TSB	Fecal Coliform (MPN/100mL)	121.0 /100ml			06/2012 Colilert18	0.00	0.0 *
11/20	1600	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	2.76	96.3 *
11/26	1600	TSB	Nitrate + Nitrite	4.71 mg/L			01/2013 HACH 10206	0.55	102.0 *
12/02	1500	TSB	Nitrogen, Plant Available	8.7 mg/L			SM 1997 4500-N		

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

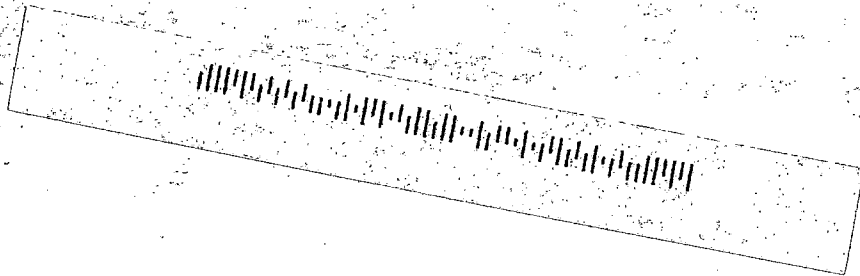
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of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

203,031
 9513

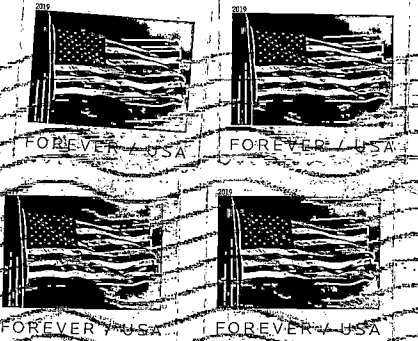
NWA UTILITY SERVICES, INC

PO Box 9299
Fayetteville, AR
72703



NWA PSDF 72703

FRI 20 DEC 2019 PM



ADEQ
Water Division
Permits Branch
5301 Northshore Dr
North Little Rock, AR
72118