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

Joyce Street Cottages Property Owners Association inc PERMITTEE ADDRESS 4200 Gabel Dr Fayetteville AR 72703 Fayetteville AR 72703 WASTEWATER EFFLUENT MONITORING PERIOD MM/DDYYYY 11/1/2019 WASTEWATER EFFLUENT MONITORING PERIOD MM/DDYYYY 11/1/2019 TREATED WASTEWATER EFFLUENT SAMPLING Flow, Monthly total REPORT 10,203,031 MG Total Flow per calendar month Permutina Properties (FCB) Total Suspended Solids (TSS) 45 45 42 mg/l Total Suspended Solids (TSS) 45 42 mg/l Total Phosphorus (TP) REPORT 1,085 Facal Coliform Bacteria (FCB) Ammonia Nitrogen REPORT 1,086 mg/l Facal Coliform Bacteria (FCB) REPORT 1,086 mg/l Total Phosphorus (TP) REPORT 1,086 mg/l Ammonia Nitrogen (NO-N) REPORT 1,086 mg/l Ammonia Nitrogen (NO-N) REPORT 1,086 mg/l Facal Coliform Bacteria (FCB) REPORT 1,086 mg/l Grab Sample once per month Prior to the 15th of the following Month Total Phosphorus (TP) REPORT 1,086 mg/l Grab Sample once per quarter File Photographic personal properties of the 15th of t			HOIT	IHLY MONITORING R	EFORI				
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	Joyce Street Cottages Property Owners A	ssociation Inc	· L	Joyce Street Cottag	<u></u>	<u> </u>	4007 77110		
Fayetteville AR 72703 WASTEWATER EFFLUENT MONITORING PERIOD MM/DDYYYY 11/130/2019 MM/DDYYYY 11/130/2019							AFIN NO.		
WASTEWATER EFFLUENT MONITORING PERIOD MM/DDYYYY 11/30/2019 11/30/2019 11/30/2019				72-01805					
MM/DD/YYYY 11/1/2019	Tayetteville Alt 12100		MASTEMA				,		
11/1/2019				TER EFFLUENT MONI	TORING FER				
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Flow, Monthly total REPORT 0.203,031 MG Total Flow per calendar month Flow, daily maximum * REPORT 0.09513 GPD Daily Carbonaceous Biochemical Oxygen Demand (CBOD5) 30 <2.0 mg/l 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 Ammonia Nitrogen (NOs-N) REPORT 5 mg/l Ammonia Nitrogen REPORT 3.53 mg/l Nitrate Nitrogen (NOs-N) + Nitrite Nitrogen (NOs-N) REPORT 4.71 mg/l NAME OF PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH THE SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMPORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMPORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS INFORMATION, I BELIEVE THE SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS INFORMATION, I BELIEVE THE SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS INFORMATION, I BELIEVE THE SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS INFORMATION, I BELIEVE THE SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS INFORMATION, I BELIEVE THE SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS INFORMATION, I BELIEVE THE SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS INFORMATION, I BELIEVE THE SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS INFORMATION, I BELIEVE THE SUBMITTED HERE ARE SIGNIFICANT PENALTIES FOR SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND SIGNATURE OF COGNIZANT OFFICIAL DATE. TELEPHO	TREATED WASTEWATER EFFLUENT SAM	PLING					entra de la companya		
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Prior to the 15th of the 15th	Total Suspended Solids (TSS)		45	4.2	mg/l				
Figure 1 1.68 mg/l Total Kjeldahl Nitrogen (TKN) Ammonia Nitrogen Nitrate Nitrogen (NO ₂ -N) + Nitrite Nitrogen (NO ₂ -N) Plant Available Nitrogen (PAN) NAME OF PRINCIPAL EXECUTIVE OFFICER Ken Gregory TYPED OR PRINTED REPORT REPO	Fecal Coliform Bacteria (FCB)		3,000	121	colonies/100m	Grab Sample once per month			
Total Kjeldahl Nitrogen (TKN) Ammonia Nitrogen REPORT REPOR	рН		6.0 - 9.0	7.7	s.u.				
Ammonia Nitrogen REPORT REPORT A.71 Mitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N) REPORT	Total Phosphorus (TP)		REPORT	1.68	mg/l				
Nitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N) REPORT	Total Kjeldahl Nitrogen (TKN)		REPORT	5	mg/l				
Nitrate Nitrogen (NO2-N) + Nitrite Nitrogen (NO2-N) REPORT 4.71 mg/l Plant Available Nitrogen (PAN) NAME OF PRINCIPAL EXECUTIVE OFFICER Ken Gregory 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 SIGNATURE OF COGNIZANT OFFICIAL DATE PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.			REPORT	3.53	3.53 mg/l				
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TYPED OR PRINTED IMPRISONMENT.	india di digeri		•		SIGNATURE OF COGNIZANT O	FFICIAL DATE			
COMMENTS AND TYPI ANATION OF VIOLATIONS (Pelances of otto-broads from)	TYPED OR PRINTED	l l	UBMITTING FALSE INFORMATION, INCL	UDING THE POSSIBILITY	OF FINE AND		12/16/2019		
COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)	COMMENTS AND EXPLANATION C	OF VIOLATIONS (Refer	ence 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:

	Quality Assurance					
Analysis		Laboratory Analysis			Precision	Accuracy
Date Time By	Parameter	Result Notes	Quantity	Method	% RPD	<pre>% Recovery</pre>
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	рн	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	* A\N
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

Environmental Services Company, Inc.
Northwest Arkansas
1107 Century Street
Springdale, Arkansas 72762
website: www.esclabs.com

Fax: 479-750-1172

Phone: 479-750-1170



Corporate Office, Little Rock, Arkansas 501-221-2565

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

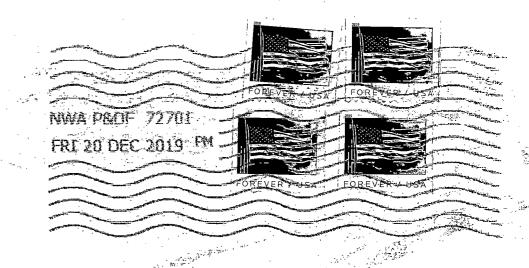
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any Name: Joyce St. Utility LLC				Permit/Project #: Quarterly											
1849 Trillium Lane			Purchase Order #:			1		93							
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Cool all samples to 6 degrees C				Office,	·		2 Yes No		This	. Do	L	nt ie	Pan	ا ۾	of)
	1849 Trillium Lane Fayetteville Ar 727 (479)936-0333 1827 Itification ESC Control # 1911020120 1911020120 1911020120 1911020120 1911020120 1911020120	1849 Trillium Lane Fayetteville Ar 72704 (479)936-0333 (Cell) 1827 Itification ESC Control # Date 1911020120 1911020120 1911020120 1911020120 1911020120 1911020120 1911020120 1911020120 1911020120 1911020120 1911020120 1911020120 1911020120 1911020120 1911020120 1911020120	1849 Trillium Lane Fayetteville Ar 72704 (479)936-0333 (Cell) 1827 1827 1827 1827 1826 1911020120 1911020	Fayetteville Ar 72704 (479)936-0333 (Cell) Sampler N and Signat 1827 Tiffication ESC Control # Date Time Type 1911020120 Collection GRAB 1911020120 GRAB	Time Purchase Order #: Fayetteville Ar 72704 (479)936-0333 (Cell) Sampler Name(s): and Signature(s): and Signature(s): 1827 and Signature(s): and Signature(s): 1827 and Signature(s): and Signature(s): 1827 and Signature(s): and Signature(s): 1828 Sampler Name(s): and Signature(s): and Signature(s): 1829 GRAB Water Use Us	Purchase Order #: Fayetteville Ar 72704	1849 Trillium Lane	1849 Trillium Lane	Purchase Order #: Fayetteville Ar 72704	Purchase Order #: Fayetteville Ar 72704 Purchase Order #: Fayetteville Ar 72704 Purchase Order #: Fayetteville Ar 72704 Purchase Order #: Sampler Name(s):	1849 Trillium Lane				

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CVFORMS/CHAIN.XLS

NWA UTILITY SERVICES, INC

PO Box 9299 Fayetteville, AR 72703



APEQ Water PIYI3100 Permits Branch 5301 Northshora Pr N.21+12 Rock, AR 72118