

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

PERMITTEE NAME

Bethel Oaks Property Owners Association Inc

FACILITY NAME

Bethel Oaks Subdivision

PERMIT NO.
4875-WR-3

PERMITTEE ADDRESS

12531 Bethel Oaks Dr
Farmington AR 72730

FACILITY ADDRESS

CR 62 Farmington AR

AFIN NO.
72-01656

WASTEWATER EFFLUENT MONITORING PERIOD

MM/DD/YYYY


6/1/2019

MM/DD/YYYY

6/30/2019

TREATED WASTEWATER EFFLUENT SAMPLING

Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.209767	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	13,557	GD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	< 2	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	12.3	mg/l		
Fecal Coliform Bacteria (FCB)	7,800	< 10	colonies/100ml		
pH	6.0 - 9.0	7.1	s.u.		
Total Phosphorus (TP)	REPORT	7.88	mg/l	Grab sample once per quarter	
Total Kjeldahl Nitrogen (TKN)	REPORT	No Report	mg/l		
Ammonia Nitrogen	REPORT	No Report	mg/l		
Nitrate Nitrogen (NO ₃ -N) + Nitrite Nitrogen (NO ₂ -N)	REPORT	No Report	mg/l		
Plant Available Nitrogen (PAN)	REPORT	No Report	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
			(479) 530-5926
TYPED OR PRINTED			DATE
			7/1/2019

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

* LOADING RATE BY ZONE					
Zone 1	1129.75	Zone 5	1129.75	Zone 9	1129.75
Zone 2	1129.75	Zone 6	1129.75	Zone 10	1129.75
Zone 3	1129.75	Zone 7	1129.75	Zone 11	1129.75
Zone 4	1129.75	Zone 8	1129.75	Zone 12	1129.75

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: 1906020103
 Customer Name : BETHEL OAKS UTILITY,LLC
 Customer/Permit No. : 1855 / 4875-WR-3
 Report Date : 06/28/19

Sample Date : 06/21/19
 Sample Time : 0840
 Sample Type : GRAB
 Sample From : EFFLUENT

Collected By: JEW
 Delivery By : JEW
 Work Order :
 Purchase Order :

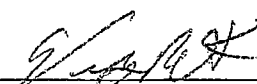
Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
06/21	0845	JEW	pH	7.1	S.U.		SM 2011 4500-H+ B	0.00	N/A *
06/27	1015	TSB	Phosphorous, Total (as P)	7.880	mg/L		EPA 365.3	1.71	116.0 *
06/24	1230	TSB	Solids, Total Suspended	12.3	mg/L		SM 2011 2540 D	3.73	N/A *
06/21	1604	TSB	Fecal Coliform (MPN/100mL)	< 10.0	/100mL		06/2012 Colilert18	11.41	0.0 *
06/21	1300	TSB	BOD, Carbonaceous	< 2.0	mg/L		SM 2001 5210 B	8.13	94.0 *
06/26	1605	TSB	Solids, % Total by mass	0.042	%		SM 1997 2540 G	0.00	N/A

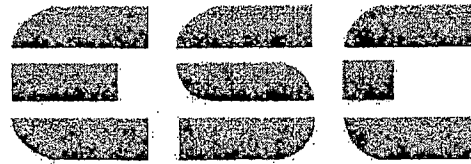
* QA data shown is from a different sample or standard on the same date.

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.

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



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

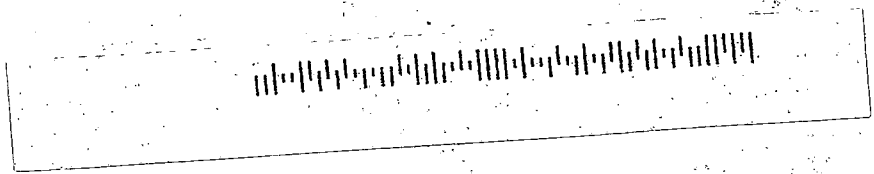
Carlsbad, New Mexico
 575-887-1ESC

Phone: 479-750-1170 Fax: 479-750-1172

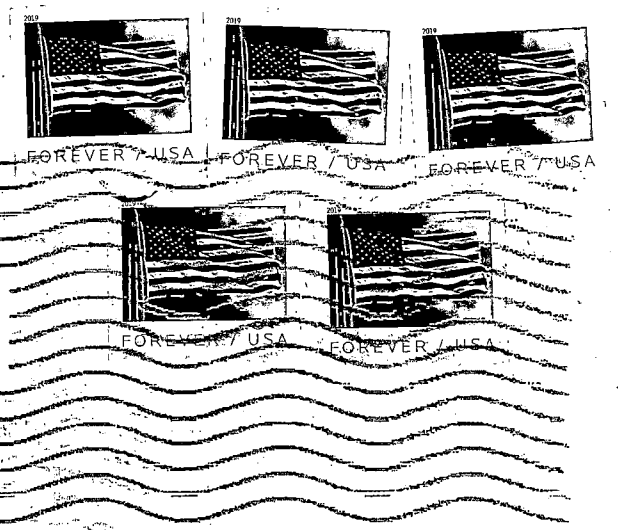
CHAIN OF CUSTODY

Client Information				Project Information						Requested Parameters									
Company Name:		Bethel Oaks Utility, LLC		Permit/Project #:						pH (23)	Fecal Coliform (43.IF)	CBOD (70), TSS (28), % Solids (82)							
Address:		6516 Mesa Street		Purchase Order #:															
		Fayetteville, AR 72704		Sampler Name(s):		<i>James W. Hise James W. Hise</i>													
Telephone:		479-790-3813		and Signature(s):															
Telephone:																			
ESC Client Number:		1855																	
Sample Identification		Sample Collection				Sample Containers													
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#										
EFFLUENT	1906020103	6-21-19	0840	GRAB	Water	teflon	150 ml	none	1	X									
EFFLUENT				GRAB	Water	Whirlpak	125 ml	Na ₂ S ₂ O ₃	1		X								
EFFLUENT				GRAB	Water	Plastic	1 qt	none/ice	1			X							
EFFLUENT				GRAB	Water	Plastic	8 oz	H ₂ SO ₄ , pH<2	1						X				
										Cool all samples to 6 degrees C.									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:		Used? <input type="checkbox"/>		Intact? <input type="checkbox"/>							
<i>James W. Hise James W. Hise</i>		6-21-19	1140					Turnaround:		Regular <input type="checkbox"/>		Special <input type="checkbox"/>							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:		Yes <input type="checkbox"/>		No <input type="checkbox"/>							
				<i>Alexis Anderson Alexis Anderson</i>		6-21-19	1140												
Comments:				FLOW DATA		Field Test	Time	Analyst	Result	Result	Units								
				Analyst:		pH:	0845	<i>JEW</i>	7.1	7.1	°F								
				Time:		Temp.:	0845	<i>JEW</i>	25.3	25.3	°C								
				Reading:		DO:													
				Units:		Debris:													
Cool all samples to 6 degrees C.										Chlorinated? Yes No		This Document is Page ___ of ___							

GCD
P.O. Box 9299
Fayetteville, AR 72703



NWA P&DF 72701
TUE 02 JUL 2019 PM



ADEQ Water Division
Permits Branch
5301 Northshore Dr
N Little Rock, AR 72118-5317

