

**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	MM/DD/YYYY
3/1/2020	3/31/2020

**TREATED WASTEWATER EFFLUENT SAMPLING**

Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.306,754	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	0.019381	GD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	< 2.0	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	12.3	mg/l		
Fecal Coliform Bacteria (FCB)	7,800	< 1.0	colonies/100ml		
pH	6.0 - 9.0	7.5	s.u.		
Total Phosphorus (TP)	REPORT	6.35	mg/l		
Total Kjeldahl Nitrogen (TKN)	REPORT		mg/l	Grab sample once per quarter	
Ammonia Nitrogen	REPORT		mg/l		
Nitrate Nitrogen ( NO3-N) + Nitrite Nitrogen ( NO2-N)	REPORT		mg/l		
Plant Available Nitrogen (PAN)	REPORT		mg/l		

NAME OF PRINCIPAL EXECUTIVE OFFICER  Kathy Bartlett	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.		<b>TELEPHONE</b>
			(479) 530-5926
<b>TYPED OR PRINTED</b>		<b>SIGNATURE OF COGNIZANT OFFICIAL</b>	<b>DATE</b>
			4/13/2020

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

**\* LOADING RATE BY ZONE**

Zone 1	0.001615	Zone 5	0.001615	Zone 9	0.001615
Zone 2	0.001615	Zone 6	0.001615	Zone 10	0.001615
Zone 3	0.001615	Zone 7	0.001615	Zone 11	0.001615
Zone 4	0.001615	Zone 8	0.001615	Zone 12	0.001615

# 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: 2002020091  
 Customer Name : BETHEL OAKS UTILITY, LLC  
 Customer/Permit No. : 1855 / 4875-WR-3  
 Report Date : 03/03/20

Sample Date : 02/20/20  
 Sample Time : 1635  
 Sample Type : GRAB WATER  
 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
02/20	1640	TWM	pH	7.5 S.U.			SM 2011 4500-H+ B	1.34	N/A *
02/26	1400	TSB	Phosphorous, Total (as P)	6.35 mg/L			EPA 365.3	1.36	102.0 *
02/25	1345	TSB	Solids, Total Suspended	12.3 mg/L			SM 2011 2540 D	3.28	N/A *
02/20	1640	TWM	Temperature	12.70 °C			SM 2000 2550 B	0.00	N/A *
02/20	1740	TWM	Fecal Coliform (MPN/100mL)	< 1.0 /100mL			06/2012 Colilert18	0.00	0.0 *
02/21	1200	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	0.00	96.3 *

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

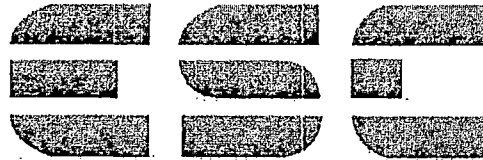
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of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

DB 306,754  
 19,301

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

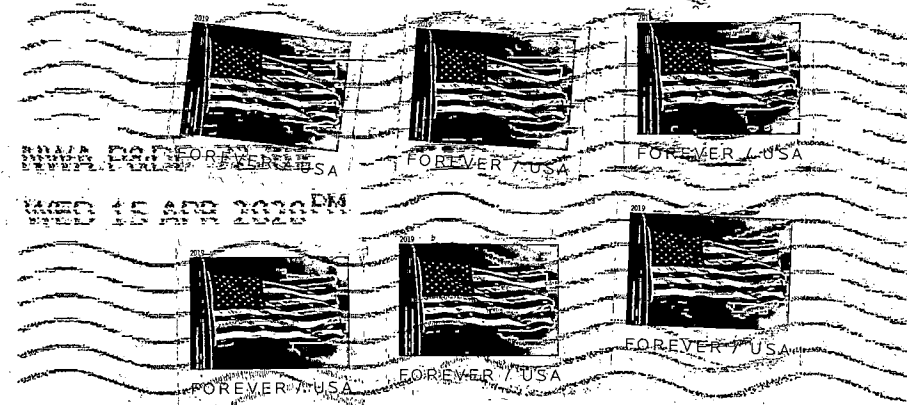
Phone: 479-750-1170 Fax: 479-750-1172

## CHAIN OF CUSTODY

Client Information				Project Information						Requested Parameters									
Company Name:		Bethel Oaks Utility, LLC		Permit/Project #:						T Phos (25)	Fecal Coliform (43.1F)	CBOD (70), TSS (28), % Solids (82)	pH (23)						
Address:		6516 Mesa Street		Purchase Order #:															
		Fayetteville, AR 72704		Sampler Name(s):		<i>T. J. ...</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	2002020091	2/20/20	16:35	GRAB	Water	Plastic	8 oz	H <sub>2</sub> SO <sub>4</sub> , pH<2	1	X									
EFFLUENT				GRAB	Water	Sterile	100 ml	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	1		X								
EFFLUENT				GRAB	Water	Plastic	1 qt	none/ice	1			X							
EFFLUENT				GRAB	Water	Teflon	150 ml	none	0				X						
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:		Used? <input checked="" type="checkbox"/> N		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"/> X		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 checked="" type="checkbox"/> X		No <input type="checkbox"/>							
Comments:		Date		Time		Date		Time		Result		Result		Units					
		2/20/20		1740		2-20-20		1740		pH: 7.5		DO: 12.7		°C					
										Analyst: T. J. ...		Result: 7.5		Units: °C					
										Field Test: pH: 1640		Result: 7.5		Units: °C					
										Time: 1640		Result: 12.7		Units: °C					
										Reading: DO: 12.7		Result: 12.7		Units: °C					
										Units: DO: 12.7		Result: 12.7		Units: °C					
										Debris:		Result:		Units:					
										Chlorinated? Yes No		This Document is Page 1 of 1							

NWA UTILI

PO Box 9299  
Fayetteville, AR  
72703



ADEQ  
Water Div. Permits Branch  
5301 Northshore Dr.  
N Little Rock, AR

72118