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

		MON	THLY MONITORING R		IKKIGATION	•			
PERMITTEE NAME		<u> </u>			PERMIT NO.				
Bethel Oaks Property Owners Asso	ociation Inc		FACILITY NAME Bethel Oaks Subdivision						
PERMITTEE ADDRESS	;			AFIN NO.					
12531 Bethel Oaks Dr Farmington AR 72730				72-01656					
Turning Or 7 tt 7 27 00		WASTEW	1						
		MM/DD/YYYY		MM/DD/YYYY]				
		1/1/2020]						
TREATED WASTEWATER EFFLUER	NT SAMPLING		, , , , , , , , , , , , , , , , , , , ,						
Parameter		Limit	Sample Measurement	Units	Monitoring		Reporting		
Flow, Monthly total		REPORT	0.242,261	MG	Total Flow per calendar month				
Flow, daily maximum * Carbonaceous Biochemical Oxygen Demand (CBOD5) Total Suspended Solids (TSS) Fecal Coliform Bacteria (FCB) pH Total Phosphorus (TP)		REPORT	GD	Daily					
		30	< 2.0	mg/l					
		45	20.5	mg/l					
		7,800	132 colonies/100ml		Grab Sample once per month				
		6.0 - 9.0	7.5	s.u.			to the 15th of the llowing Month		
		REPORT 6.71 mg/l							
Total Kjeldahl Nitrogen (TKN)		REPORT	44.3	mg/l					
Ammonia Nitrogen		REPORT	Grab sample once per quarter						
Nitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N) Plant Available Nitrogen (PAN)		REPORT	4.22	mg/l	Crab sample once per quarter				
		REPORT	38	mg/l					
MARIE OF PRINCIPAL EXECUTIVE OFFICER			TY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH THE TED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS			1.+	TELEPHONE		
Kathy Bartlett	IMMEDIATELY F	RESPONSIBLE FOR OBTAINING THE INFO	RMATION, I BELIEVE THE S	UBMITTED	A M M M C. SIGNATURE OF COGNIZANT OF		(479) 530-5926 DATE		
TYPED OR PRINTED		SUBMITTING FALSE INFORMATION, INC.	SIGNATURE OF COGNIZANT OFFICIAL DAT						

IMPRISONMENT.

2/12/2020

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

	* LOADING RATE BY ZONE											
Zone 1	0.000937	Zone 5	0.000937	Z оле 9	0.000937							
Zone 2	0.000937	Zone 6	0.000937	Zone 10	0.000937							
Zone 3	0.000937	Zone 7	0.000937	Zone 11	0.000937							
Zone 4	0.000937	Zone 8	0.000937	Zone 12	0.000937							

TYPED OR PRINTED

Environmental Services Company,

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: 2001020130 Customer Name : BETHEL OAKS UTILITY, LLC Customer/Permit No.: 1855 / 4875-WR-3

Report Date : 01/24/20

Sample Date : 01/16/20 Sample Time: 1340

Sample Type : GRAB

Sample From : EFFLUENT BETHEL OAKS

Collected By: JEW Delivery By : JEW

Work Order : Purchase Order :

٠.	Quality Assurance			
Analysis		·	Precision	Accuracy
<u>Date Time By</u>	Parameter	Result Notes Quantity Method	% RPD	% Recovery
01/17 1000 TSB	Ammonia as N, (HACH 10205)	29.30 mg/L SM 2011 4500-NH3 F		99.6 *
01/21 1100 TSB	Total Kjeldahl Nitrogen	44.3 mg/L 02/2014 HACH 10242	2.02	102.0 *
01/16 1340 JEW	pH .	7.5 S.U. SM 2011 4500-H+ B	0.00	N/A *
01/21 1000 TSB	Phosphorous, Total (as P)	6.71 mg/L EPA 365.3	1.74	110.0 *
01/20 1230 TSB	Solids, Total Suspended	20.5 mg/L SM 2011 2540 D	1.08	N/A *
01/16 1710 TSB	Fecal Coliform (MPN/100mL	132.0 /100ml 06/2012 Colilert18	0.00	0.0 *
01/17 1400 TSB	BOD, Carbonaceous	< 2.0 mg/L SM 2001 5210 B	15.86	86.0 *
01/21 0840 TSB	Solids, % Total by mass	0.034 % SM 1997 2540 G	16.39	N/A *
01/23 1000 TSB	Nitrate + Nitrite	4.22 mg/L 01/2013 HACH 10206		96.0 *
01/23 1115 TSB	Nitrogen, Plant Available	38.0 mg/L SM 1997 4500-N		20.0

* 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.



242,261

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

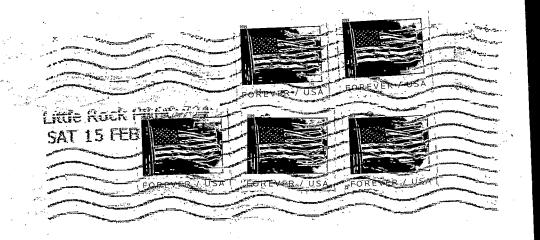
Corporate Office, Little Rock, Arkansas 501-221-2565

> Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

Phone: 479-750-1170	Fax: 479-750-1172		<u> Cr</u>	HAIN C													
	Client Information			Project Information							F	Req	ues	ted	Par	ame	eters
Company Name: Bethel Oaks Utility, LLC			Permit/Project #:										1				
Address: 6516 Mesa Street			Purchase	Order #:								3	6)				
Fayetteville, AR 72704													(15	2-1			
Telephone: 479-790-3813			Sampler Name(s): James Willin James Wiltse					١	₩.	28	Z	본					
Telephone:		· · · · · · · · · · · · · · · · · · ·		Permit/Project #: Purchase Order #: Sampler Name(s): Collection Type Matrix Sample Containers Type Matrix Type Matrix Type Matrix Type Matrix Type Volume Preservative # Volume Preservative Preservative # Volume Preservative Preservative # Volume Preservative Preservative # Volume Preservative Pre							'						
				and Signature(s):						_	اق		2	Z	<u></u>		
ESC Client Number:	1855			and Oigna	iuic(a).					-	용	9	(25	6.C	96.		
Sample Ide		<u> </u>	Comple	Collection		1	Comple (2antoin				ام	T Phos	こっ	PAN (99.99)	(23)	
{		D. I.	Sample Collection			 	Sample Containers			=	Fecal	8	Ph	본	A	pH (23)	
Identification	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative	_		의	<u> </u>	S	Ω.	d	
EFFLUENT	2001020130	1-16-20	1340	GRAB	Water	Sterile	100ml	Na _z S ₂ O ₃		1	X		; _	 			
EFFLUENT				GRAB	Water	Plastic	1/2 Gallon	none/ice		1		X					
EFFLUENT	 			GRAB	Water	Plastic	8 oz	H₂SO₄,pH<	2	1	\Box		Х	Х	X		
EFFLUENT				GRAB	Water	Glass	150 ml	none		0						X	
											\Box						
	·										\neg						
											ヿ						
										十	一	\neg					
									 -	十	寸	\neg	_	-			
Relinguished By: (Signature and Prin	ted Name)	Date	Time	Received By: (Sig	gnature and Printed	i Name)	L	Dale	Time		usto	dy Sea		l			
Belinquished By: (Signature and Printed Name) Date Time			Received By: (Signature and Printed Name) Date Time				sed?	rouna:	N		Intac	t?					
所創inquished By: (Signature and Printed Name) Date Time			Received by, (digitation and Frinted Mains)				uman Legula		X		Spec	cial I					
Relinquished By: (Signature and Printed Name) Date Time		Received follows By: (Signature and Printed Name)		261	Date	Time Were		Vere	samples properi		operly	ly preserved:					
Comments: (5/5)			MI IUM 104	FLOW DA	ata or c	Field Test	1-16-20 Time	151 Analys		\esu		X Resu	ilt I		No Units	L_	
					Analyst:	1771	pH:	1340	Well			5 77.5			O'INTO		
					Time:		Temp.:		JE Ju		14,		3.9		<u>°C></u>		°F
					Reading: Units:		DO: Debris:			+		\dashv			<u>'</u>		
Cool all samples to 6 degrees C.							Chlorinated	? Yes N	 o	-	This Document is Page / of /				of /		

NWA UTILITY SERVICES, INC PO Box 9299 Fayetteville, AR 72703



ADEQ WATER DIV. Permits Branch 5301 Northshore Dr N 21 HIL ROCK, AR 72118-5317