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

PERMITTEE NAME	· · · · · · ·
Bethel Oaks Property Owners Assoc	ciation Inc
PERMITTEE ADDRESS	
12531 Bethel Oaks Dr	
Farmington AR 72730	

FACILITY NAME Bethel Oaks Subdivision PERMIT NO. 4875-WR-3

FACILITY ADDRESS CR 62 Farmington AR

AFIN NO.	
72-01656	_

WASTE	WATER EFFLUENT MONITORING PERIOD	
MM/DD/YYYY		MM/DD/YYYY
1/1/2021		1/31/2021

Parameter		Limit Sample Measurement Units			Monitoring		Reporting		
Flow, Monthly total		REPORT	0.274,817	MG	Total Flow per calendar month				
Flow, daily maximum *		REPORT	0.011057	GD	Daily				
Carbonaceous Biochemical Oxygen De	mand (CBOD5)	30	12.5	mg/l					
Total Suspended Solids (TSS)		45		mg/l					
Fecal Coliform Bacteria (FCB)		7,800	29	colonies/100ml	Grab Sample once per month				
pH Total Phosphorus (TP) Total Kjeldahl Nitrogen (TKN)		6.0 - 9.0	6.9	s.u.		Prior to the 15th of the following Month			
		REPORT	4.27	mg/l					
		REPORT	49.5	mg/l					
Ammonia Nitrogen		REPORT 44.1 mg/l							
Nitrate Nitrogen (NO3-N) + Nitrite Nitrog	gen (NO2-N)	REPORT 3.24 mg/l			Grab sample once per quarter				
Plant Available Nitrogen (PAN)		REPORT 47.3 mg/l							
NAME OF PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNI	DER PENALTY OF LAW THAT I HAVE PERSON	ALLY EXAMINED AND AM	VITH THE	10 5	1	TELEPHONE		
Kathy Bartlett		BMITTED HEREIN; AND BASED ON MY INQUIR R OBTAINING THE INFORMATION, I BELIEVE T		1	RMMUL	\bigtriangledown	(479) 530-592		
	ACCURATE, AND COMPLETE. 1 AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING SIGNATURE OF COGNIZANT OFFICIAL DATE								
TYPED OR PRINTED		NFORMATION, INCLUDING THE POSSIBILITY C		1			2/12/2021		
COMMENTS AND EXPLANATIO	ON OF VIOLATIONS	(Reference all attachments here)					•		

		* LOADING R	ATE BY ZO	ONE		
Zone 1	921	Zone 5	921	Zone 9	921	
Zone 2	921	Zone 6	921	Zone 10	921	
Zone 3	921	Zone 7	921	Zone 11	921	
Zone 4	921	Zone 8	921	Zone 12	921	

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: 2101020126	Sample Date : 01/21/21	Collected By: TWM
Customer Name : BETHEL OAKS UTILITY, LLC	Sample Time : 1500	Delivery By : TWM
Customer/Permit No. : 1855 / 4875-WR-3	Sample Type : GRAB	Work Order :
Report Date : 02/02/21	Sample From : EFFLUENT	Purchase Order : Q

	La	boratory Analysis				<u>Quality A</u>	Assurance
Analysis					w	Precision	Accuracy
Date Time By	Parameter	Result	Notes _	Quantity	Method	😤 🕆 RPD	<u>% Recovery</u>
01/25 1000 HNS	Ammonia as N, (HACH 10205)	44.10 mg/L			SM 2011 4500-NH3 F	6.17	102.0 *
02/02 1115 TWM	Total Kjeldahl Nitrogen	49.5 mg/L		· ·	02/2014 HACH 10242	3.17	95.3 *
01/21 1505 TWM	рН	6.9 S.U.			SM 2011 4500-H+ B	0.00	N/A
01/22 1130 HNS	Phosphorous, Total (as P)	4.27 mg/L		•	EPA 365.3	0.83	102.0
01/25 1330 HNS	Solids, Total Suspended	13.0 mg/L			SM 2011 2540 D	25.94	N/A *
01/21 1645 TWM	Fecal Coliform (MPN/100mL	29.2 /100m]	L	,	06/2012 Colilert18	0.00.	N/A *
01/22 0900 TWM	BOD, Carbonaceous	12.5 mg/L			SM 2001 5210 B	15.38	86.2
01/26 1210 HNS	Nitrate + Nitrite	3.24 mg/L			01/2013 HACH 10206	5.23	108.0 *
02/02 1500 TWM	Nitrogen, Plant Available	47.3 mg/L			SM 1997 4500-N		
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$* \cap A$ data cho	wn is from a different sample	or standard on th	e come	date			
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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 onmental Services Co., Inc.

274817 11057 Kristin Mullins Environmental Services Company, Inc. Northwest Arkansas 1107 Century Street Springdale, Arkansas 72762 website: www.esclabs.com



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

Carlsbad, New Mexico 575-887-1ESC

Phone: 479-750-1170	Fax: 479-750-1172		Cł	IAIN C	of Cu	510	JY										
	Client Information				Pr	oject Inf	ormation					Req	ues	ted	Par	ame	eters
Company Name:	Bethel Oaks Utility	LLC		Permit/Pro	oject #:		Quaterly							(91)			
Address:	6516 Mesa Street			Purchase	Purchase Order #:						(15.A)	S) Z					
	Fayetteville, AR 72	704					-/				Ē	<u>ି</u> ଳ	E	02-			
Telephone:	479-790-3813		<u>, , , , , , , , , , , , , , , , , , , </u>	Sampler N	lame(s):	MA	Whenk The				(43.IF)	(28)	NH ₃ -N	Ž +			
Telephone:		•		1								TSS	F	<u>S</u>		1	
· · · · · · ·	<u> </u>		. <u>.</u> .	and Signat	ture(s):						- Jojo			6	ତି		(82)
ESC Client Number:	1855			1				•• •			Colioform	(02)	(25)	16.	9.6) st
	lentification	<u> </u>	Sample	Collection		1	Sample (Containers	s		_	0	Sou	Š		(23	Solids
Identification	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	1		#	Fecal	CBOD	T Phos	s-TKN (16.C) NO3+NO2-N	PAN (99.99)	pH (23)	8
EFFLUENT			1500	GRAB	Water	Sterile	100ml	Na ₂ S ₂ O ₃		1	x		ř.				
EFFLUENT		11211-1	1	GRAB	Water	Plastic	1/2 Gallon	1		1		x					x
EFFLUENT		/	<u>├ - /</u>	GRAB	Water	Plastic	8 oz	H ₂ SO ₄ ,pH<	<2	1		<u> </u>	x	x	x		
EFFLUENT			t	GRAB	Water	Glass	150 ml	none		0						x	
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Relinquished By: (Signature and P	rinted Name)	Date	Time	Received By: (Si	gnature and Printe	d Name)		Date	Tin	ne	Turna Regu	around		1	Spe	rial	
Relinquished By: (Signature and Pr	riptod Name)	Date	Time	Received for Lab	By/ (Signature and	Brinted Nam	e)	Date	Tin	1		e samp	ples pr		y prese		
Rolinguished By: (Signature and Pr	1pm	1 pipes	1615		FLOWD		Field Test	1-21-21 Time	/ 6 Analy		Rest		X Res			No Unite	Ļ
Complets:	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	Analyst:		pH:	1505	The The			-9		- 9	 	Onic	,
		·			Time:		Temp.:	130							°C		۴F
					Reading:		DO:		<u> </u>		 		 		<u> </u>		
· ·		•			Units:		Debris:	<u> </u>	<u> </u>			Dei			Pag	<u> </u>	of
HNS	Cool all samples to 6 d	egrees C.			- <u>.</u>		Chlorinated	I TES N	No		This			an 18	ray	ال اني (
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WNWA Utility Services Inc PO Box 9299 Fayetteville, AR 72703

ADEQ WATER DIVISION/PERMITS BRANCH 5301 Northshore Drive N Little Rock, AR 72118-5317