

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

<b>PERMITTEE NAME</b>
Bethel Oaks Property Owners Association Inc
<b>PERMITTEE ADDRESS</b>
12531 Bethel Oaks Dr Farmington AR 72730


<b>FACILITY NAME</b>
Bethel Oaks Subdivision
<b>FACILITY ADDRESS</b>
CR 62 Farmington AR

<b>PERMIT NO.</b>
4875-WR-3

<b>AFIN NO.</b>
72-01656

<b>WASTEWATER EFFLUENT MONITORING PERIOD</b>	
MM/DD/YYYY	MM/DD/YYYY
11/01/20020	11/31/2020

TREATED WASTEWATER EFFLUENT SAMPLING					
Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.232,474	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	0.010,080	GD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	7.8	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	48	mg/l		
Fecal Coliform Bacteria (FCB)	7,800	1	colonies/100ml		
pH	6.0 - 9.0	6.2	s.u.		
Total Phosphorus (TP)	REPORT	7.61	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	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>SIGNATURE OF COGNIZANT OFFICIAL</b>	TELEPHONE
Kathy Bartlett			(479) 530-5926
TYPED OR PRINTED			DATE
			12/14/2020

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

See attached NCR for explanation of elevated TSS limits this month

* LOADING RATE BY ZONE					
Zone 1	840	Zone 5	840	Zone 9	840
Zone 2	840	Zone 6	840	Zone 10	840
Zone 3	840	Zone 7	840	Zone 11	840
Zone 4	840	Zone 8	840	Zone 12	840

## NON-COMPLIANCE REPORT

Arkansas Department of Environmental Quality  
Office of Water Quality – Enforcement Branch  
5301 Northshore Drive  
North Little Rock, AR 72118

RE: Permit No: 4875-WR-3 Discharge Number: N/A  
Facility: Bethel Oaks Subdivision Permittee Name: Bethel Oaks Property Owners Association  
Address: CR 62  
City: Farmington State: AR Zip: 72730  
Contact: Kathy Bartlett Phone: 479-530- 5926

Date of Non-Compliance	Parameter Exceeded	Quantity or Loading	Quality or Concentration	Permit Limits
November 2020	TSS	48		45

**We feel this problem was due to:**

This was due to the Lift Station backing up because of clogged pumps, The Lift Station was so full and backed up in collection lines, by the time it had pumped down to normal working leve lthe high volume of water entering the Settling tank at the plant did not the high volume of water entering the Settling tank at the plant did not have enough time to properly settle the solids. As a result we had solids carryover through the entire system

**We plan on correcting the problem in this manner:**

Clearing clogging pumps which was completed in November

**Time estimated that it will take to correct problem:**

One week

Sincerely,



12/14/2020

Submitted By:

Date

☐ Submitted electronically via NetDMR

**Certification Statement:** I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (Revised March 2016)

# 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: 2011020055  
Customer Name : BETHEL OAKS UTILITY, LLC  
Customer/Permit No. : 1855 / 4875-WR-3  
Report Date : 12/03/20

Sample Date : 11/24/20  
Sample Time : 1511  
Sample Type : GRAB  
Sample From : EFFLUENT

Collected By: HNS  
Delivery By : HNS  
Work Order :  
Purchase Order :

## Laboratory Analysis

Analysis							Quality Assurance	
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision
								% RPD
								% Recovery
11/24	1514	HNS	pH	6.2 S.U.			SM 2011 4500-H+ B	3.17
12/01	0900	HNS	Phosphorous, Total (as P)	7.61 mg/L			EPA 365.3	1.92
11/30	1230	HNS	Solids, Total Suspended	48.0 mg/L	(b)		SM 2011 2540 D	66.67
11/24	1740	HNS	Fecal Coliform (MPN/100mL)	1.0 /100mL			06/2012 Colilert18	0.00
11/25	1200	TWM	BOD, Carbonaceous	7.8 mg/L			SM 2001 5210 B	0.00

\* QA data shown is from a different sample or standard on the same date.  
(b) Exceeds Permit Limits for Maximum Concentration

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.

232474 10080 \*NCR  
KNM



Environmental Services Company, Inc.  
Northwest Arkansas  
1107 Century Street  
Springdale, Arkansas 72762  
website: [www.esclabs.com](http://www.esclabs.com)



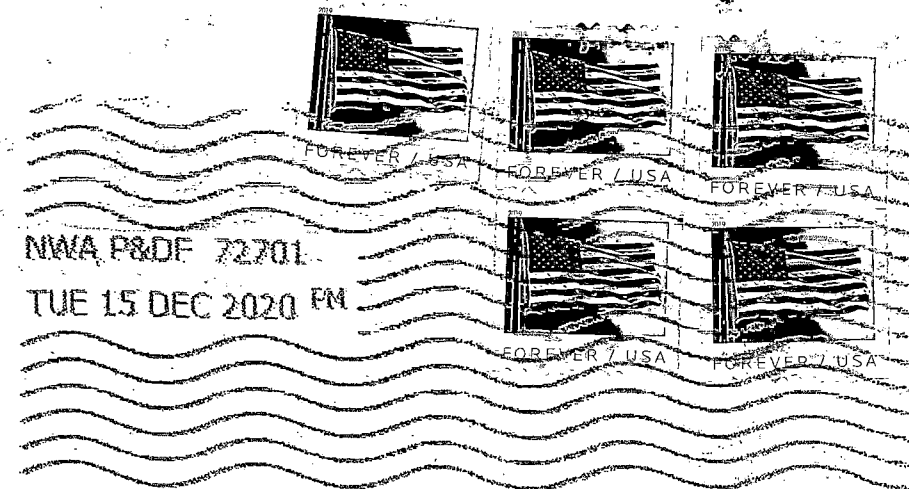
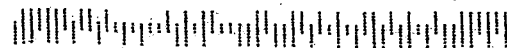
Corporate Office, Little Rock, Arkansas  
501-221-2565


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)	pH (23)						
Address: 6516 Mesa Street						Purchase Order #:														
Fayetteville, AR 72704																				
Telephone: 479-790-3813						Sampler Name(s): Hayden Smith														
Telephone:						and Signature(s): Hayden Smith														
ESC Client Number: 1855																				
Sample Identification		Sample Collection				Sample Containers														
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#											
EFFLUENT	2011070055	11-24-20	1511	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	Glass	150 ml	none	0				X							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:												
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	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"/> 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"/> No <input type="checkbox"/>												
Comments:						FLOW DATA	Field Test	Time	Analyst	Result	Result	Units								
						Analyst:	pH:	1514	HNS	6.2	6.4									
						Time:	Temp.:					°C	°F							
						Reading:	DO:													
						Units:	Debris:													
HNS Cool all samples to 6 degrees C.						Chlorinated? Yes No			This Document is Page 1 of 1											



 **NWA Utility Services Inc**  
**PO Box 9299**  
**Fayetteville, AR 72703**

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