

Nonmunicipal Domestic Sewage Treatment Works Trust Fund Requirement Form

Permittee (Legal) Name: Bethel Oaks Property Owners Association, Inc.

Facility Name: Bethel Oaks Subdivision

Permit No. 4875-WR-3

Section A – Information Requiring Engineering Certification

Part I – Operating and Maintenance Expenses

	Units/Year	Unit Cost	Annual Cost	5-Year Cost ¹
Operating Expenses				
Operating Labor ²	12	350.00	4200.00	22260.00
Electricity ³	12	188.00	2256.00	11956.00
Supplies & Chemicals	6	100.00	600.00	3180.00
Analytical Testing	12	185.00	2220.00	11766.00
Generator Fuel				1950.00 based on 7 days
Other	None			0
Maintenance Expenses				
Maintenance Labor ²				1000.00 Sludge removal
Parts & Supplies				1000.00 Replacement Parts
Other	None			0
Administrative Expenses				
Administrative Labor ²	Included with Operating Labor			
Customer Fee Collection	0			0
Insurance & Bonding			360.00	1908.00
Consulting and Legal Fees	0 *NWA Utility services includes as part of their long term contract			0
Interest Expenses	0			0
Property Taxes	0 *See attached Washington County Report			0
Permit Fees *To be updated once the trust fund contribution fee has been finalized			500.00	2650.00
Other Miscellaneous Expenses				
Mowing Dripfield	7	450.00	3150.00	16,695.00
TOTAL				74,365.00

¹ Assuming no inflation data are available, assume an inflation rate of 3% in years two through five and multiply the annual cost by 5.3 to estimate the five-year cost.

² Labor costs must include fringe benefits and payroll taxes.

³ For existing facilities, include historical data if they are representative of future operations. For new facilities, show the electricity consumption calculations in kilowatt hours (kWh).

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Part II – Capital Expenditures

- The wastewater treatment plant (WWTP) must be examined by a Professional Engineer registered in the State of Arkansas to determine all necessary capital expenditures, system upgrades, or significant repairs which may be needed within the following five (5) years. *A list of all of these items must be attached to this document.*
- A milestone schedule for completion of the capital expenditures, system upgrades, or significant repairs *must be attached to this document.*

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Part III – Financial Plan

A financial plan that demonstrates to the Department's satisfaction the permittee's ability to operate and maintain the WWTP for five (5) years must be prepared. This plan should also include a comprehensive connection summary listing the number of connections and types of connections based on Appendix B of the Arkansas Department of Health Rules and Regulations Pertaining to Onsite Wastewater Systems. The summary should include the number of existing connections and an estimated number of new connections for the next five (5) years. *The financial plan must be attached to this document.*

Part IV – Certification

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.

Printed Name of AR Professional Engineer: Charles L. Presley

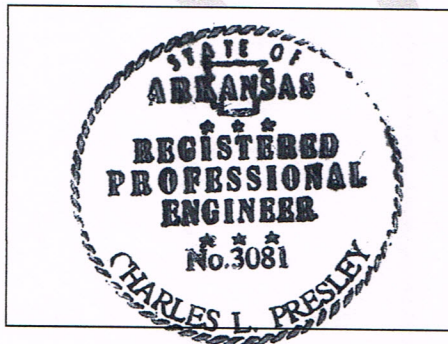
Registration License Number: 3081

Signature of AR Professional Engineer: Charles L. Presley

Date: 12/12/17 Telephone Number: 479-738-2979

E-mail: cjpres@mendisoncounty.net Fax Number:

Stamp of AR Professional Engineer



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Section B – Service Area Information and Certification of Compliance

Part I – Legal Description

A legal description of the service area ***must be attached to this document.*** This requirement may be satisfied by providing a plat for the area served by the non-municipal domestic sewage treatment works.

Part II – Potable Water Sources

*Washington
Water Authority*

A list of the sources of the potable water for the service area ***must be attached to this document.***

Part III – Certification of Compliance

Has the permit applicant complied with all local zoning ordinances, local planning authority regulations, local permitting requirements, and any other applicable local regulations necessary for the construction and operation of this facility?

Yes ✓ No _____

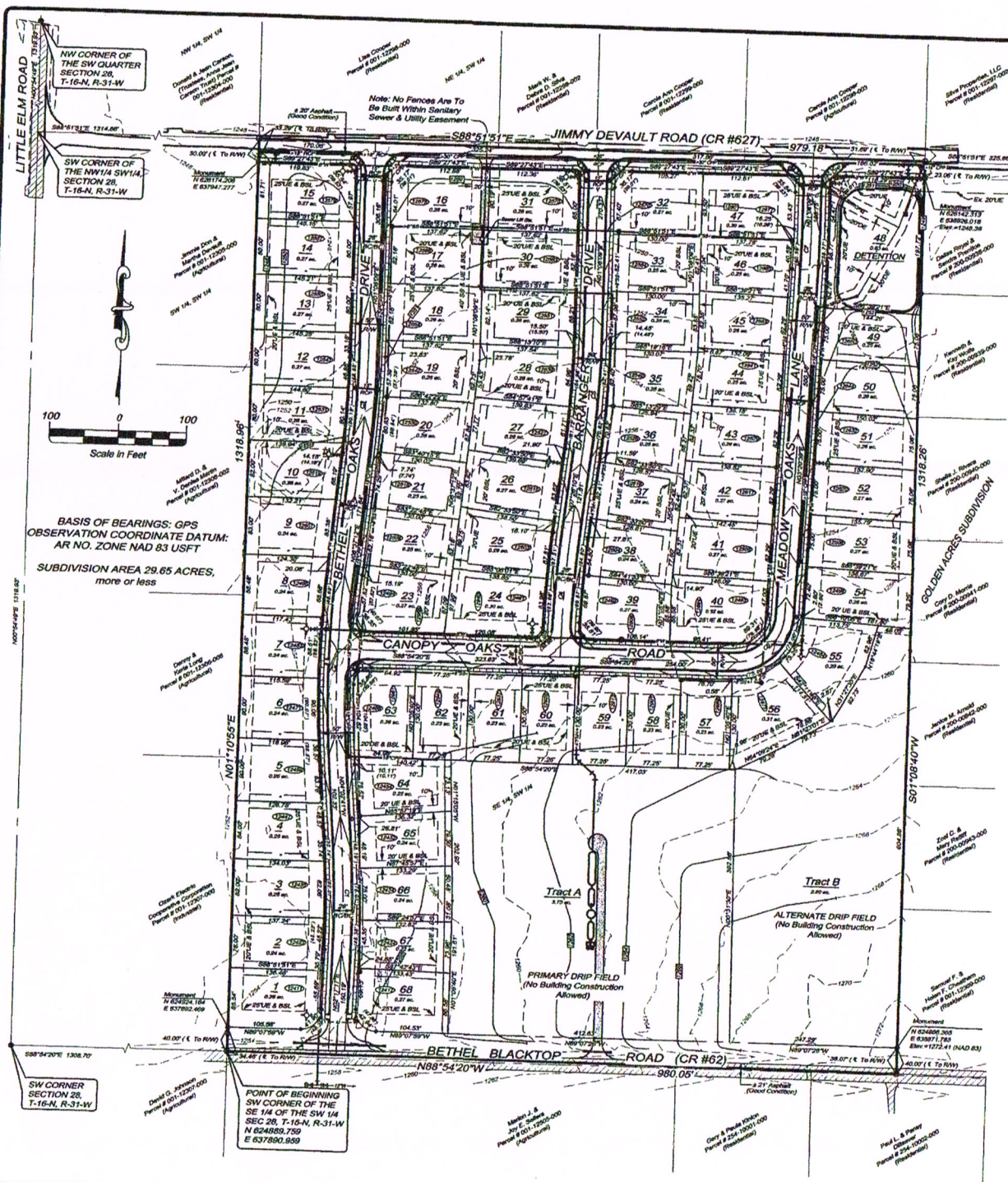
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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.

Printed Name of Permittee Responsible Official: DAVID LEVINE

Signature of Permittee Responsible Official: 

Date: DEC 12, 2017 Telephone Number: (479) 466-2812

E-mail: countryprideautos@gmail.com Fax Number: _____



PRESLEY, BRANNAN, & ASSOCIATES, INC.

CONSULTING ENGINEERS AND LAND SURVEYORS

Office (479) 738-6630

CHARLES PRESLEY, PE & PLS

cjpres@madisoncounty.net

P.O. Box 607

Huntsville, AR. 72740

Part I – Capital Expenditures

The Bethel Oaks Subdivision Wastewater Treatment Facility was put into operation in April, 2009. At present it has been built to capacity with 68 homes, there are no further connections planned. All components of the collection and treatment system are functioning as designed and there are no planned upgrades or capital expenditures necessary.

Bethel Oaks Subdivision Wastewater System

COMPONENT	QTY	AVERAGE LIFE	LAST REPLACED	REPLACEMENT COST PER UNIT
<u>DUPLEX LIFT STATION</u>				
Hydromatic S 4HX Centrifugal Nonclog Solids Handling Pumps or equal	2	7 - 10 Yrs	one replaced Oct 2015	7,000.00
Control Panel *	1	30 Yrs		16,000.00
<u>TREATMENT SYSTEM</u>				
25K Fiberglass Primary Settling Tank	1	30 Yrs		32,000.00
8K Fiberglass Equalization Tank	1	30 Yrs		9,700.00
EQ Control Panel *	1	30 Yrs		5,000.00
EQ Pump #SE411 or equal	2	5 - 7 Yrs		466.00
Bioclere Model 36/30 Trickleing Filter Treatment Plant	1	30 Yrs		58,000.00
Bioclere Control Panel *	1	30 Yrs		5,000.00
Recirculation Pump Goulds 1DW51E1EA or equal	1	5 - 7 Yrs		630.00
Dosing Pumps Goulds 1DW51E1EA or equal	2	5 - 7 Yrs		630.00
Junction Box	1	7 - 10 Yrs		236.00
Fan Grainger 4C720 or equal	1	5 - 7 Yrs		96.00
Post Secondary Lift Station Pumps # SE-411	2	5 - 7 Yrs		466.00
Lift Station Control Panel *	1	30 Yrs		5,000.00
8K Fiberglass Final Settling Dosing Tank	1	30 Yrs		15,175.00
Effluent Pump #5032-0007 or equal	4	7 - 10 Yrs		420.00
Geoflow Dripline #WF-PC 16-2-24 or equal	66,000 LF	15 - 20 Yrs		0.32
Replacement Screen AP SCR 1.5/2F-100M	2	3 - 5 Yrs		94.77
Headworks Box #WHW ULTRA 2F-A	2	15 - 20 Yrs		2,045.00
Flow Meter #M70	2	5 - 7 Yrs		150.00
Drip System Control Panel *	1	30 Yrs		3,365.00

* Control Panels have an extensive list of parts used in the design of the panel and can be replaced on an as needed basis to keep the panel fully operational. The price listed above is for a complete new panel

FINANCIAL PLAN FOR LONG TERM OPERATIONS AND MAINTENANCE

As per the terms of the contract executed between the Bethel Oaks Property Owners Association and Bethel Oaks Utility LLC, a NWA Utility Services company; this facility has secured long term operations and maintenance for the facility. The following pertinent language is defined in the terms of the executed agreement.

This agreement (this "Agreement") is entered into as of this 1 day of October, 2016 by and between BETHEL OAKS PROPERTY OWNERS ASSOCIATION, an Arkansas company ("OWNER") and BETHEL OAKS UTILITY, LLC, an Arkansas limited liability company ("UTILITY").

WHEREAS, OWNER is the governing authority of that real estate subdivision that is described on Exhibit A-1, attached hereto (the "Subdivision");

WHEREAS, OWNER desires to retain UTILITY to operate and maintain the wastewater treatment plant that is located in the subdivision described in Exhibit A-2 (the "Plant") in accordance with Applicable Laws and this Agreement; and

WHEREAS, UTILITY is willing to provide said services in exchange for that compensation that is referenced herein.

NOW, THEREFORE, in consideration of the covenants and conditions referenced and exchanged herein, and for other good and valuable consideration received, and intending to be fully and legally bound hereby, the parties hereto covenant and agree as follows:

3. Operations and Maintenance Consideration. In consideration for the performance of the Operations and Maintenance Services, OWNER does hereby agree to allow UTILITY to bill all customers with an active water meter a monthly wastewater service fee of 56.50 UTILITY reserves the right to increase this fee by an amount necessary to pay costs associated with any subsequently enacted or required Health Department, Department of Environmental Quality, or other federal, state, county, city or local rule or regulation, and/or by any other objectively demonstrable increase in the operation of the Plant.

4.Term; Extension. This Agreement shall have an initial term beginning on the date hereof and expiring on March 31, 2023. This Agreement may be extended thereafter for (1) additional (5) year term should the parties hereto subsequently so agree in writing.

CONNECTION SUMMARY

YEAR	NUMBER OF RESIDENTIAL CONNECTIONS	MONTHLY SEWER RATE	ANNUAL REVENUE	CAPITAL RESERVE RETAINED ANNUALLY
2017	68	56.50	46,104.00	5712.00
2018	68	56.50	46,104.00	5712.00
2019	68	56.50	46,104.00	5712.00
2020	68	56.50	46,104.00	5712.00
2021	68	56.50	46,104.00	5712.00

Washington County Report

Property Owner

Name:	BETHEL OAKS PROPERTY OWNER'S ASSOCIATION
Mailing Address:	PO BOX 8811 LITTLE ROCK, AR 72231
Type:	(RV) Res. Vacant
Tax District:	(060) FARMINGTON SCH, RURAL
Millage Rate:	48.60

Property Information

Physical Address:	
Subdivision:	BETHEL OAKS
Block/Lot:	N/A / TRB
S-T-R:	28-16-31
Size (Acres):	0.00
Legal:	See Extended Legal

Extended Legal

NO VALUE FOR 2006 & FOLLOWING YEARS ALTERNATE DRIP FIELD - NO BUILDING ALLOWED

Market and Assessed Values

	Estimated Market Value	Full Assessed (20% Market Value)	Taxable Value
Land	\$0	\$0	\$0
Building	\$0	\$0	\$0
Totals	\$0	\$0	\$0

Taxes

Estimated Taxes:	\$0
Homestead Credit:	\$0 Note: Tax amounts are estimates only. Contact the county/parish tax collector for exact amounts.

Land

Land Use	Size	Units
	1.000	Flat
Total	1.00	

Deed Transfers

Document Images brought to you by your County Circuit Clerk, Kyle Sylvester

View Image	Date	Book	Page	Deed Type	Stamps	Est. Sale	Grantee	Code	Type
	9/29/2015	2016	9212	SpecWarr			BETHEL OAKS PROPERTY OWNER'S		
	9/27/2011	2011	27325	Warr. Deed			BETHEL OAKS PROPERTY OWNER'S		
	9/27/2011	2011	27323	SpecWarr			BETHEL OAKS PROPERTY OWNER'S	Unval.	
	9/27/2011	2011	27317	Warr. Deed			BANK OF THE OZARKS	Unval.	

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Property Owner

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Extended Legal

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	Estimated Market Value	Full Assessed (20% Market Value)	Taxable Value
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Estimated Taxes:	\$0
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	10/28/2011	2011	27325	Warr. Deed			BETHEL OAKS PROPERTY OWNER'S		
	9/27/2011	2011	27323	SpecWarr			BETHEL OAKS PROPERTY OWNER'S	Additional Properties	
	9/27/2011	2011	27317	Warr. Deed			BANK OF THE OZARKS	Additional Properties	
	4/17/2006	2006	28898	Warr. Deed			BETHEL SEWER LLC		

From: [McWilliams, Katherine](#)
To: [Deardoff, Amy](#)
Subject: FW: NDSTW Trust Fund 4875-WR-3 Final submittal
Date: Thursday, December 14, 2017 7:15:34 AM
Attachments: [4875-WR-3 NDSTW Trust Fund Information Dec 2017 .pdf](#)
Importance: High

4875-WR-3_NDSTW Trust Fund

From: Kathy Bartlett [mailto:kathy@aquatechsys.com]
Sent: Wednesday, December 13, 2017 11:20 AM
To: McWilliams, Katherine
Cc: Solaimanian, Jamal
Subject: NDSTW Trust Fund 4875-WR-3 Final submittal
Importance: High

Katherine

Attached is the final submittal for the NDSTW Trust Fund requirements on 4875-WR-3. Please advise me if the original copies should be mailed to you as well.
Thanks so much

Kathryn Bartlett
Internal Operations Manager
NWA Utility Services, Inc
www.nwautilityservices.com
Direct: 479-530-5926