

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

ELECTRONIC APPLICATION OF KNOTT COUNTY)	
WATER & SEWER DISTRICT FOR APPROVAL OF)	CASE NO.
FINANCING PURSUANT TO KRS 278.300)	2020-00384

**KNOTT COUNTY WATER & SEWER DISTRICT'S SUPPLEMENTAL
RESPONSES TO COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION
ISSUED JANUARY 4, 2021**

Filed: January 22, 2021

**Knott County Water & Sewer District
Case No. 2020-00384
Commission Staff's First Request for Information issued January 4, 2021**

3. Provide the Total Sources and Uses of Funds to be obtained from the issuance of the Loan.

Response:

The chart below depicts the “Sources and Uses” of the financing. As you can see, the sources exceed the uses by \$14,141.50. This is due to the fact that payments have continued to be made on these long term debts since the original application was submitted. It is the intentions of Knott County Water & Sewer District, to return any additional monies not needed to pay off the current long term debts to the Bank of Hindman.

Knott County Water & Sewer District					
Potential Loan through the					
Bank of Hindman					
Sources & Uses					
Dated 1/22/21		Delivered 1/22/21			
Sources Of Funds					
Bank of Hindman				\$ 325,000.00	
Total Sources				\$ 325,000.00	
Uses Of Funds					
KIA				88,027.25	
USDA RD - 93-05				141,821.50	
USDA RD - 91-11				79,809.75	
Closing Costs				1,200.00	
Total Uses				\$ 310,858.50	

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5. Provide the amount of benefits of the proposed refunding of the Prior Debts. Include the following:
 - a. Gross Present Value Debt Service Savings;
 - b. Net Present Value Cash Flow Savings' and
 - c. Net Present Value Benefit.

Response:

- a. – c. Please see attached.

Retired Debt Service Payments

**Bank of
Hindman
Proposed
Debt Service
Payments**

											NPV of		
											Interest	Interest	
											Savings	Savings at	
											per Year	2.75%	
Date	KIA	USDA (93-05)	USDA (91-11)	Total	Principal	Interest/Fees	Total	Principal	Interest				
02/28/21 Balance					\$ 313,298			\$ 314,500					
Mar - Dec 2021	\$ 53,468	\$ 10,025	\$ 5,557	\$ 69,050	\$ 56,542	\$ 10,423	\$ 50,547	\$ 44,466	\$ 6,081	\$ 4,342	\$ 4,253		
2022	\$ 33,872	\$ 10,368	\$ 5,580	\$ 49,820	\$ 37,446	\$ 12,374	\$ 67,395	\$ 60,731	\$ 6,664	\$ 5,710	\$ 5,442		
2023	\$ -	\$ 10,188	\$ 5,499	\$ 15,687	\$ 5,800	\$ 9,887	\$ 67,395	\$ 62,423	\$ 4,972	\$ 4,915	\$ 4,557		
2024	\$ -	\$ 10,008	\$ 5,518	\$ 15,526	\$ 5,900	\$ 9,626	\$ 67,395	\$ 64,160	\$ 3,235	\$ 6,391	\$ 5,765		
2025	\$ -	\$ 10,328	\$ 5,533	\$ 15,861	\$ 6,500	\$ 9,361	\$ 67,395	\$ 65,948	\$ 1,447	\$ 7,914	\$ 6,758		
2026	\$ -	\$ 130,625	\$ 79,943	\$ 210,568	\$ 201,500	\$ 9,068	\$ 16,849	\$ 16,772	\$ 77	\$ 8,991	\$ 7,573		
Totals		\$ 181,542	\$ 107,630	\$ 376,512	\$ 313,688	\$ 60,739	\$ 336,976	\$ 314,500	\$ 22,476	\$ 38,263	\$ 34,348		

Retired Debt Service Payments

**Proposed Debt Service
Payments**

Date	KIA	USDA (93-05)	USDA (91-11)	Total	Bank of Hindman
Mar-21	\$ 5,350.60	\$ 10,025.00	\$ 5,557.00	\$ 20,932.60	\$ 5,803.79
Apr-21	\$ 5,349.76			\$ 5,349.76	\$ 5,803.79
May-21	\$ 5,348.91			\$ 5,348.91	\$ 5,803.79
Jun-21	\$ 5,348.07			\$ 5,348.07	\$ 5,803.79
Jul-21	\$ 5,347.21			\$ 5,347.21	\$ 5,803.79
Aug-21	\$ 5,346.36			\$ 5,346.36	\$ 5,803.79
Sep-21	\$ 5,345.50			\$ 5,345.50	\$ 5,803.79
Oct-21	\$ 5,344.64			\$ 5,344.64	\$ 5,803.79
Nov-21	\$ 5,343.78			\$ 5,343.78	\$ 5,803.79
Dec-21	\$ 5,342.91			\$ 5,342.91	\$ 5,803.79
Jan-22	\$ 5,342.04	\$ 10,368.00	\$ 5,580.00	\$ 21,290.04	\$ 5,803.79
Feb-22	\$ 5,341.17			\$ 5,341.17	\$ 5,803.79
Mar-22	\$ 5,340.30			\$ 5,340.30	\$ 5,803.79
Apr-22	\$ 5,339.42			\$ 5,339.42	\$ 5,803.79
May-22	\$ 5,338.54			\$ 5,338.54	\$ 5,803.79
Jun-22	\$ 5,337.66			\$ 5,337.66	\$ 5,803.79
Jul-22				\$ -	\$ 5,803.79
Aug-22				\$ -	\$ 5,803.79
Sep-22				\$ -	\$ 5,803.79
Oct-22				\$ -	\$ 5,803.79
Nov-22				\$ -	\$ 5,803.79
Dec-22				\$ -	\$ 5,803.79
Jan-23		\$ 10,188.00	\$ 5,499.00	\$ 15,687.00	\$ 5,803.79
Feb-23				\$ -	\$ 5,803.79
Mar-23				\$ -	\$ 5,803.79
Apr-23				\$ -	\$ 5,803.79
May-23				\$ -	\$ 5,803.79
Jun-23				\$ -	\$ 5,803.79
Jul-23				\$ -	\$ 5,803.79
Aug-23				\$ -	\$ 5,803.79
Sep-23				\$ -	\$ 5,803.79
Oct-23				\$ -	\$ 5,803.79
Nov-23				\$ -	\$ 5,803.79
Dec-23				\$ -	\$ 5,803.79
Jan-24		\$ 10,008.00	\$ 5,518.00	\$ 15,526.00	\$ 5,803.79
Feb-24				\$ -	\$ 5,803.79
Mar-24				\$ -	\$ 5,803.79
Apr-24				\$ -	\$ 5,803.79
May-24				\$ -	\$ 5,803.79
Jun-24				\$ -	\$ 5,803.79
Jul-24				\$ -	\$ 5,803.79
Aug-24				\$ -	\$ 5,803.79
Sep-24				\$ -	\$ 5,803.79
Oct-24				\$ -	\$ 5,803.79
Nov-24				\$ -	\$ 5,803.79

Dec-24				\$	-	\$	5,803.79	
Jan-25	\$	10,328.00	\$	5,533.00	\$	15,861.00	\$	5,803.79
Feb-25				\$	-	\$	5,803.79	
Mar-25				\$	-	\$	5,803.79	
Apr-25				\$	-	\$	5,803.79	
May-25				\$	-	\$	5,803.79	
Jun-25				\$	-	\$	5,803.79	
Jul-25				\$	-	\$	5,803.79	
Aug-25				\$	-	\$	5,803.79	
Sep-25				\$	-	\$	5,803.79	
Oct-25				\$	-	\$	5,803.79	
Nov-25				\$	-	\$	5,803.79	
Dec-25				\$	-	\$	5,803.79	
Jan-26	\$	10,125.00	\$	5,543.00	\$	15,668.00	\$	5,803.79
Feb-26				\$	-	\$	5,803.79	
2027	\$	10,423.00	\$	5,548.00	\$	15,971.00		
2028	\$	10,198.00	\$	5,549.00	\$	15,747.00		
2029	\$	10,473.00	\$	5,546.00	\$	16,019.00		
2030	\$	10,225.00	\$	5,538.00	\$	15,763.00		
2031	\$	10,478.00	\$	5,525.00	\$	16,003.00		
2032	\$	10,208.00	\$	5,508.00	\$	15,716.00		
2033	\$	10,438.00	\$	5,587.00	\$	16,025.00		
2034	\$	10,145.00	\$	5,556.00	\$	15,701.00		
2035	\$	10,353.00	\$	5,521.00	\$	15,874.00		
2036	\$	10,038.00	\$	5,582.00	\$	15,620.00		
2037	\$	10,223.00	\$	5,533.00	\$	15,756.00		
2038	\$	10,385.00	\$	5,580.00	\$	15,965.00		
2039	\$	10,025.00	\$	5,518.00	\$	15,543.00		
2040	\$	10,165.00	\$	5,552.00	\$	15,717.00		
2041	\$	10,283.00	\$	5,576.00	\$	15,859.00		
2042	\$	10,378.00	\$	5,492.00	\$	15,870.00		
2043	\$	10,450.00	\$	5,503.00	\$	15,953.00		
2044			\$	5,505.00	\$	5,505.00		
2045			\$	5,498.00	\$	5,498.00		
2046			\$	5,582.00	\$	5,582.00		
2047			\$	5,852.00	\$	5,852.00		