

Rubin & Hays

ATTORNEYS AT LAW

Kentucky Home Trust Building, 450 South Third Street, Louisville, Kentucky 40202-1410
Telephone (502) 569-7525 Telefax (502) 569-7555 www.rubinhays.com

CHARLES S. MUSSON
W. RANDALL JONES
CHRISTIAN L. JUCKETT
NICHOLAS J. LOCOCO

January 27, 2020

RECEIVED

JAN 29 2020

PUBLIC SERVICE
COMMISSION

Ms. Gwen R. Pinson, Executive Director
Kentucky Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602

Re: **Big Sandy Water District - Case No. 2019-00276**

Dear Director Pinson:

In accordance with paragraphs 3 and 4 of the Order in the above reference case, enclosed please find the executed Assistance Agreement and the final number analysis for the loan from the Kentucky Rural Water Finance Corporation to the Big Sandy Water District which was closed on January 7, 2020.

Thank you for your assistance and if you need any additional information or documentation, please let us know.

Sincerely,

Rubin & Hays

By


W. Randall Jones

WRJ:jlm
Enclosures

\$1,730,000

Big Sandy Water District
Combined KRWFC and RD

Sources & Uses

Dated 01/07/2020 | Delivered 01/07/2020

Sources Of Funds

Par Amount of Bonds	\$1,730,000.00
Reoffering Premium	151,097.10
Transfers from Prior Issue Debt Service Funds	49,616.46

Total Sources **\$1,930,713.56**

Uses Of Funds

Total Underwriter's Discount (1.302%)	22,527.78
Costs of Issuance	35,465.90
Deposit to Current Refunding Fund	1,866,619.16
Rounding Amount	6,100.72

Total Uses **\$1,930,713.56**

\$1,730,000

Big Sandy Water District
Combined KRWFC and RD

Debt Service Comparison

Date	Total P+I	Net New D/S	Old Net D/S	Savings
02/01/2020	-	-	60,000.63	60,000.63
02/01/2021	185,720.00	185,720.00	197,493.76	11,773.76
02/01/2022	185,267.50	185,267.50	197,988.76	12,721.26
02/01/2023	184,027.50	184,027.50	197,246.26	13,218.76
02/01/2024	187,527.50	187,527.50	198,241.26	10,713.76
02/01/2025	185,507.50	185,507.50	197,381.26	11,873.76
02/01/2026	183,227.50	183,227.50	198,301.26	15,073.76
02/01/2027	185,687.50	185,687.50	198,413.76	12,726.26
02/01/2028	117,627.50	117,627.50	128,307.50	10,680.00
02/01/2029	112,687.50	112,687.50	127,802.50	15,115.00
02/01/2030	110,597.50	110,597.50	127,640.00	17,042.50
02/01/2031	113,507.50	113,507.50	128,297.50	14,790.00
02/01/2032	116,182.52	116,182.52	128,230.00	12,047.48
02/01/2033	113,557.52	113,557.52	127,960.00	14,402.48
02/01/2034	45,853.76	45,853.76	57,987.50	12,133.74
02/01/2035	44,773.76	44,773.76	57,940.00	13,166.24
02/01/2036	43,693.76	43,693.76	57,802.50	14,108.74
02/01/2037	42,563.76	42,563.76	58,075.00	15,511.24
02/01/2038	16,383.76	16,383.76	30,235.00	13,851.24
02/01/2039	15,941.26	15,941.26	30,042.50	14,101.24
02/01/2040	15,480.00	15,480.00	30,305.00	14,825.00
Total	\$2,205,815.10	\$2,205,815.10	\$2,535,691.95	\$329,876.85

PV Analysis Summary (Net to Net)

Gross PV Debt Service Savings	265,030.11
Effects of changes in Expenses	2,545.31
Net PV Cashflow Savings @ 2.747%(AIC)	267,575.42
Transfers from Prior Issue Debt Service Fund	(49,616.46)
Contingency or Rounding Amount	3,141.00
Net Present Value Benefit	\$221,099.96
Net PV Benefit / \$1,859,500 Refunded Principal	11.890%
Net PV Benefit / \$1,730,000 Refunding Principal	12.780%

Refunding Bond Information

Refunding Dated Date	1/07/2020
Refunding Delivery Date	1/07/2020

\$1,730,000

Big Sandy Water District
Combined KRWFC and RD

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
01/07/2020	-	-	-	-	-
08/01/2020	-	-	40,226.25	40,226.25	-
02/01/2021	110,000.00	5.200%	35,493.75	145,493.75	185,720.00
08/01/2021	-	-	32,633.75	32,633.75	-
02/01/2022	120,000.00	5.200%	32,633.75	152,633.75	185,267.50
08/01/2022	-	-	29,513.75	29,513.75	-
02/01/2023	125,000.00	5.200%	29,513.75	154,513.75	184,027.50
08/01/2023	-	-	26,263.75	26,263.75	-
02/01/2024	135,000.00	5.200%	26,263.75	161,263.75	187,527.50
08/01/2024	-	-	22,753.75	22,753.75	-
02/01/2025	140,000.00	5.200%	22,753.75	162,753.75	185,507.50
08/01/2025	-	-	19,113.75	19,113.75	-
02/01/2026	145,000.00	5.200%	19,113.75	164,113.75	183,227.50
08/01/2026	-	-	15,343.75	15,343.75	-
02/01/2027	155,000.00	5.200%	15,343.75	170,343.75	185,687.50
08/01/2027	-	-	11,313.75	11,313.75	-
02/01/2028	95,000.00	5.200%	11,313.75	106,313.75	117,627.50
08/01/2028	-	-	8,843.75	8,843.75	-
02/01/2029	95,000.00	2.200%	8,843.75	103,843.75	112,687.50
08/01/2029	-	-	7,798.75	7,798.75	-
02/01/2030	95,000.00	2.200%	7,798.75	102,798.75	110,597.50
08/01/2030	-	-	6,753.75	6,753.75	-
02/01/2031	100,000.00	2.325%	6,753.75	106,753.75	113,507.50
08/01/2031	-	-	5,591.26	5,591.26	-
02/01/2032	105,000.00	2.500%	5,591.26	110,591.26	116,182.52
08/01/2032	-	-	4,278.76	4,278.76	-
02/01/2033	105,000.00	2.575%	4,278.76	109,278.76	113,557.52
08/01/2033	-	-	2,926.88	2,926.88	-
02/01/2034	40,000.00	2.700%	2,926.88	42,926.88	45,853.76
08/01/2034	-	-	2,386.88	2,386.88	-
02/01/2035	40,000.00	2.700%	2,386.88	42,386.88	44,773.76
08/01/2035	-	-	1,846.88	1,846.88	-
02/01/2036	40,000.00	2.825%	1,846.88	41,846.88	43,693.76
08/01/2036	-	-	1,281.88	1,281.88	-
02/01/2037	40,000.00	2.950%	1,281.88	41,281.88	42,563.76
08/01/2037	-	-	691.88	691.88	-
02/01/2038	15,000.00	2.950%	691.88	15,691.88	16,383.76
08/01/2038	-	-	470.63	470.63	-
02/01/2039	15,000.00	3.075%	470.63	15,470.63	15,941.26
08/01/2039	-	-	240.00	240.00	-
02/01/2040	15,000.00	3.200%	240.00	15,240.00	15,480.00
Total	\$1,730,000.00	-	\$475,815.10	\$2,205,815.10	-

Yield Statistics

Bond Year Dollars	\$13,660.33
Average Life	7.896 Years
Average Coupon	3.4831881%
Net Interest Cost (NIC)	2.5419775%
True Interest Cost (TIC)	2.4574228%
Bond Yield for Arbitrage Purposes	2.2776430%
All Inclusive Cost (AIC)	2.7472756%

IRS Form 8038

Net Interest Cost	2.2442691%
-------------------	------------

Raymond James

\$1,730,000

Big Sandy Water District
Combined KRWFC and RD

Net Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Net New D/S
02/01/2020	-	-	-	-	-
02/01/2021	110,000.00	5.200%	75,720.00	185,720.00	185,720.00
02/01/2022	120,000.00	5.200%	65,267.50	185,267.50	185,267.50
02/01/2023	125,000.00	5.200%	59,027.50	184,027.50	184,027.50
02/01/2024	135,000.00	5.200%	52,527.50	187,527.50	187,527.50
02/01/2025	140,000.00	5.200%	45,507.50	185,507.50	185,507.50
02/01/2026	145,000.00	5.200%	38,227.50	183,227.50	183,227.50
02/01/2027	155,000.00	5.200%	30,687.50	185,687.50	185,687.50
02/01/2028	95,000.00	5.200%	22,627.50	117,627.50	117,627.50
02/01/2029	95,000.00	2.200%	17,687.50	112,687.50	112,687.50
02/01/2030	95,000.00	2.200%	15,597.50	110,597.50	110,597.50
02/01/2031	100,000.00	2.325%	13,507.50	113,507.50	113,507.50
02/01/2032	105,000.00	2.500%	11,182.52	116,182.52	116,182.52
02/01/2033	105,000.00	2.575%	8,557.52	113,557.52	113,557.52
02/01/2034	40,000.00	2.700%	5,853.76	45,853.76	45,853.76
02/01/2035	40,000.00	2.700%	4,773.76	44,773.76	44,773.76
02/01/2036	40,000.00	2.825%	3,693.76	43,693.76	43,693.76
02/01/2037	40,000.00	2.950%	2,563.76	42,563.76	42,563.76
02/01/2038	15,000.00	2.950%	1,383.76	16,383.76	16,383.76
02/01/2039	15,000.00	3.075%	941.26	15,941.26	15,941.26
02/01/2040	15,000.00	3.200%	480.00	15,480.00	15,480.00
Total	\$1,730,000.00	-	\$475,815.10	\$2,205,815.10	\$2,205,815.10

\$1,730,000

Big Sandy Water District
Combined KRWFC and RD

Pricing Summary

Maturity	Type of Bond	Coupon	Yield	Maturity Value	Price	Dollar Price
02/01/2021	Serial Coupon	5.200%	1.495%	110,000.00	103.905%	114,295.50
02/01/2022	Serial Coupon	5.200%	1.501%	120,000.00	107.498%	128,997.60
02/01/2023	Serial Coupon	5.200%	1.538%	125,000.00	110.927%	138,658.75
02/01/2024	Serial Coupon	5.200%	1.585%	135,000.00	114.181%	154,144.35
02/01/2025	Serial Coupon	5.200%	1.683%	140,000.00	117.013%	163,818.20
02/01/2026	Serial Coupon	5.200%	1.780%	145,000.00	119.581%	173,392.45
02/01/2027	Serial Coupon	5.200%	1.878%	155,000.00	121.885%	188,921.75
02/01/2028	Serial Coupon	5.200%	1.977%	95,000.00	123.925%	117,728.75
02/01/2029	Serial Coupon	2.200%	2.200%	95,000.00	100.000%	95,000.00
02/01/2030	Serial Coupon	2.200%	2.301%	95,000.00	99.096%	94,141.20
02/01/2031	Serial Coupon	2.325%	2.401%	100,000.00	99.266%	99,266.00
02/01/2032	Serial Coupon	2.500%	2.551%	105,000.00	99.475%	104,448.75
02/01/2033	Serial Coupon	2.575%	2.600%	105,000.00	99.720%	104,706.00
02/01/2034	Serial Coupon	2.700%	2.700%	40,000.00	100.000%	40,000.00
02/01/2035	Serial Coupon	2.700%	2.801%	40,000.00	98.759%	39,503.60
02/01/2036	Serial Coupon	2.825%	2.901%	40,000.00	99.026%	39,610.40
02/01/2037	Serial Coupon	2.950%	3.001%	40,000.00	99.324%	39,729.60
02/01/2038	Serial Coupon	2.950%	3.052%	15,000.00	98.594%	14,789.10
02/01/2039	Serial Coupon	3.075%	3.100%	15,000.00	99.634%	14,945.10
02/01/2040	Term 1 Coupon	3.200%	3.200%	15,000.00	100.000%	15,000.00
Total	-	-	-	\$1,730,000.00	-	\$1,881,097.10

Bid Information

Par Amount of Bonds	\$1,730,000.00
Reoffering Premium or (Discount)	151,097.10
Gross Production	\$1,881,097.10
Total Underwriter's Discount (1.302%)	\$(22,524.60)
Bid (107.432%)	1,858,572.50
Total Purchase Price	\$1,858,572.50
Bond Year Dollars	\$13,660.33
Average Life	7.896 Years
Average Coupon	3.4831881%
Net Interest Cost (NIC)	2.5419775%
True Interest Cost (TIC)	2.4574228%

\$403,000

Big Sandy Water District

USDA-RD Bonds - Series 2001 (Loan 11)

Debt Service To Maturity And To Call

Date	Refunded Bonds	Refunded Interest	D/S To Call	Principal	Coupon	Interest	Refunded D/S
01/07/2020	-	-	-	-	-	-	-
01/09/2020	392,000.00	397.48	392,397.48	-	-	-	-
07/01/2020	-	-	-	-	-	8,831.25	8,831.25
01/01/2021	-	-	-	12,500.00	4.500%	8,831.25	21,331.25
07/01/2021	-	-	-	-	-	8,550.00	8,550.00
01/01/2022	-	-	-	13,000.00	4.500%	8,550.00	21,550.00
07/01/2022	-	-	-	-	-	8,257.50	8,257.50
01/01/2023	-	-	-	13,500.00	4.500%	8,257.50	21,757.50
07/01/2023	-	-	-	-	-	7,953.75	7,953.75
01/01/2024	-	-	-	14,500.00	4.500%	7,953.75	22,453.75
07/01/2024	-	-	-	-	-	7,627.50	7,627.50
01/01/2025	-	-	-	15,000.00	4.500%	7,627.50	22,627.50
07/01/2025	-	-	-	-	-	7,290.00	7,290.00
01/01/2026	-	-	-	15,500.00	4.500%	7,290.00	22,790.00
07/01/2026	-	-	-	-	-	6,941.25	6,941.25
01/01/2027	-	-	-	16,500.00	4.500%	6,941.25	23,441.25
07/01/2027	-	-	-	-	-	6,570.00	6,570.00
01/01/2028	-	-	-	17,000.00	4.500%	6,570.00	23,570.00
07/01/2028	-	-	-	-	-	6,187.50	6,187.50
01/01/2029	-	-	-	18,000.00	4.500%	6,187.50	24,187.50
07/01/2029	-	-	-	-	-	5,782.50	5,782.50
01/01/2030	-	-	-	18,500.00	4.500%	5,782.50	24,282.50
07/01/2030	-	-	-	-	-	5,366.25	5,366.25
01/01/2031	-	-	-	19,500.00	4.500%	5,366.25	24,866.25
07/01/2031	-	-	-	-	-	4,927.50	4,927.50
01/01/2032	-	-	-	20,500.00	4.500%	4,927.50	25,427.50
07/01/2032	-	-	-	-	-	4,466.25	4,466.25
01/01/2033	-	-	-	21,000.00	4.500%	4,466.25	25,466.25
07/01/2033	-	-	-	-	-	3,993.75	3,993.75
01/01/2034	-	-	-	22,000.00	4.500%	3,993.75	25,993.75
07/01/2034	-	-	-	-	-	3,498.75	3,498.75
01/01/2035	-	-	-	23,000.00	4.500%	3,498.75	26,498.75
07/01/2035	-	-	-	-	-	2,981.25	2,981.25
01/01/2036	-	-	-	24,000.00	4.500%	2,981.25	26,981.25
07/01/2036	-	-	-	-	-	2,441.25	2,441.25
01/01/2037	-	-	-	25,500.00	4.500%	2,441.25	27,941.25
07/01/2037	-	-	-	-	-	1,867.50	1,867.50
01/01/2038	-	-	-	26,500.00	4.500%	1,867.50	28,367.50
07/01/2038	-	-	-	-	-	1,271.25	1,271.25
01/01/2039	-	-	-	27,500.00	4.500%	1,271.25	28,771.25
07/01/2039	-	-	-	-	-	652.50	652.50
01/01/2040	-	-	-	29,000.00	4.500%	652.50	29,652.50
Total	\$392,000.00	\$397.48	\$392,397.48	\$392,500.00	-	\$210,915.00	\$603,415.00

Yield Statistics

Base date for Avg. Life & Avg. Coupon Calculation	1/07/2020
Average Life	11.925 Years
Average Coupon	4.5000001%
Weighted Average Maturity (Par Basis)	11.925 Years
Weighted Average Maturity (Original Price Basis)	11.925 Years

Refunding Bond Information

Refunding Dated Date	1/07/2020
Refunding Delivery Date	1/07/2020

Raymond James

\$712,500

Big Sandy Water District

USDA-RD Bonds - Series 1993 (Loan 07)

Debt Service To Maturity And To Call

Date	Refunded Bonds	Refunded Interest	D/S To Call	Principal	Coupon	Interest	Refunded D/S
01/07/2020	-	-	-	-	-	-	-
01/09/2020	676,000.00	702.75	676,702.75	-	-	-	-
07/01/2020	-	-	-	-	-	15,255.00	15,255.00
01/01/2021	-	-	-	39,500.00	4.500%	15,255.00	54,755.00
07/01/2021	-	-	-	-	-	14,366.25	14,366.25
01/01/2022	-	-	-	41,500.00	4.500%	14,366.25	55,866.25
07/01/2022	-	-	-	-	-	13,432.50	13,432.50
01/01/2023	-	-	-	43,000.00	4.500%	13,432.50	56,432.50
07/01/2023	-	-	-	-	-	12,465.00	12,465.00
01/01/2024	-	-	-	45,000.00	4.500%	12,465.00	57,465.00
07/01/2024	-	-	-	-	-	11,452.50	11,452.50
01/01/2025	-	-	-	47,000.00	4.500%	11,452.50	58,452.50
07/01/2025	-	-	-	-	-	10,395.00	10,395.00
01/01/2026	-	-	-	49,500.00	4.500%	10,395.00	59,895.00
07/01/2026	-	-	-	-	-	9,281.25	9,281.25
01/01/2027	-	-	-	51,500.00	4.500%	9,281.25	60,781.25
07/01/2027	-	-	-	-	-	8,122.50	8,122.50
01/01/2028	-	-	-	54,000.00	4.500%	8,122.50	62,122.50
07/01/2028	-	-	-	-	-	6,907.50	6,907.50
01/01/2029	-	-	-	56,000.00	4.500%	6,907.50	62,907.50
07/01/2029	-	-	-	-	-	5,647.50	5,647.50
01/01/2030	-	-	-	58,500.00	4.500%	5,647.50	64,147.50
07/01/2030	-	-	-	-	-	4,331.25	4,331.25
01/01/2031	-	-	-	61,500.00	4.500%	4,331.25	65,831.25
07/01/2031	-	-	-	-	-	2,947.50	2,947.50
01/01/2032	-	-	-	64,000.00	4.500%	2,947.50	66,947.50
07/01/2032	-	-	-	-	-	1,507.50	1,507.50
01/01/2033	-	-	-	67,000.00	4.500%	1,507.50	68,507.50
Total	\$676,000.00	\$702.75	\$676,702.75	\$678,000.00	-	\$232,222.50	\$910,222.50

Yield Statistics

Base date for Avg. Life & Avg. Coupon Calculation	1/07/2020
Average Life	7.595 Years
Average Coupon	4.500000%
Weighted Average Maturity (Par Basis)	7.595 Years
Weighted Average Maturity (Original Price Basis)	7.595 Years

Refunding Bond Information

Refunding Dated Date	1/07/2020
Refunding Delivery Date	1/07/2020

\$338,000

Big Sandy Water District

USDA-RD Bonds - Series 2000 (Loan 10)

Debt Service To Maturity And To Call

Date	Refunded Bonds	Refunded Interest	D/S To Call	Principal	Coupon	Interest	Refunded D/S
01/07/2020	-	-	-	-	-	-	-
01/09/2020	325,500.00	333.37	325,833.37	-	-	-	-
07/01/2020	-	-	-	-	-	7,335.00	7,335.00
01/01/2021	-	-	-	13,000.00	4.500%	7,335.00	20,335.00
07/01/2021	-	-	-	-	-	7,042.50	7,042.50
01/01/2022	-	-	-	14,000.00	4.500%	7,042.50	21,042.50
07/01/2022	-	-	-	-	-	6,727.50	6,727.50
01/01/2023	-	-	-	14,500.00	4.500%	6,727.50	21,227.50
07/01/2023	-	-	-	-	-	6,401.25	6,401.25
01/01/2024	-	-	-	15,000.00	4.500%	6,401.25	21,401.25
07/01/2024	-	-	-	-	-	6,063.75	6,063.75
01/01/2025	-	-	-	15,500.00	4.500%	6,063.75	21,563.75
07/01/2025	-	-	-	-	-	5,715.00	5,715.00
01/01/2026	-	-	-	16,500.00	4.500%	5,715.00	22,215.00
07/01/2026	-	-	-	-	-	5,343.75	5,343.75
01/01/2027	-	-	-	17,000.00	4.500%	5,343.75	22,343.75
07/01/2027	-	-	-	-	-	4,961.25	4,961.25
01/01/2028	-	-	-	18,000.00	4.500%	4,961.25	22,961.25
07/01/2028	-	-	-	-	-	4,556.25	4,556.25
01/01/2029	-	-	-	18,500.00	4.500%	4,556.25	23,056.25
07/01/2029	-	-	-	-	-	4,140.00	4,140.00
01/01/2030	-	-	-	19,500.00	4.500%	4,140.00	23,640.00
07/01/2030	-	-	-	-	-	3,701.25	3,701.25
01/01/2031	-	-	-	20,500.00	4.500%	3,701.25	24,201.25
07/01/2031	-	-	-	-	-	3,240.00	3,240.00
01/01/2032	-	-	-	21,500.00	4.500%	3,240.00	24,740.00
07/01/2032	-	-	-	-	-	2,756.25	2,756.25
01/01/2033	-	-	-	22,500.00	4.500%	2,756.25	25,256.25
07/01/2033	-	-	-	-	-	2,250.00	2,250.00
01/01/2034	-	-	-	23,500.00	4.500%	2,250.00	25,750.00
07/01/2034	-	-	-	-	-	1,721.25	1,721.25
01/01/2035	-	-	-	24,500.00	4.500%	1,721.25	26,221.25
07/01/2035	-	-	-	-	-	1,170.00	1,170.00
01/01/2036	-	-	-	25,500.00	4.500%	1,170.00	26,670.00
07/01/2036	-	-	-	-	-	596.25	596.25
01/01/2037	-	-	-	26,500.00	4.500%	596.25	27,096.25
Total	\$325,500.00	\$333.37	\$325,833.37	\$326,000.00	-	\$147,442.50	\$473,442.50

Yield Statistics

Base date for Avg. Life & Avg. Coupon Calculation	1/07/2020
Average Life	10.034 Years
Average Coupon	4.500000%
Weighted Average Maturity (Par Basis)	10.034 Years
Weighted Average Maturity (Original Price Basis)	10.034 Years

Refunding Bond Information

Refunding Dated Date	1/07/2020
Refunding Delivery Date	1/07/2020

BSWD RD Series 2000 | SINGLE PURPOSE | 12/30/2019 | 12:07 PM

Raymond James

\$931,000

Big Sandy Water District
Loan through the
Kentucky Rural Water Finance Corporation

Debt Service To Maturity And To Call

Date	Refunded Bonds	Refunded Interest	D/S To Call	Principal	Coupon	Interest	Refunded D/S
01/07/2020	-	-	-	-	-	-	-
01/13/2020	463,000.00	8,685.56	471,685.56	-	-	-	-
02/01/2020	-	-	-	50,000.00	4.000%	9,650.63	59,650.63
08/01/2020	-	-	-	-	-	8,650.63	8,650.63
02/01/2021	-	-	-	52,000.00	4.000%	8,650.63	60,650.63
08/01/2021	-	-	-	-	-	7,610.63	7,610.63
02/01/2022	-	-	-	54,000.00	4.000%	7,610.63	61,610.63
08/01/2022	-	-	-	-	-	6,530.63	6,530.63
02/01/2023	-	-	-	56,000.00	4.125%	6,530.63	62,530.63
08/01/2023	-	-	-	-	-	5,375.63	5,375.63
02/01/2024	-	-	-	59,000.00	4.250%	5,375.63	64,375.63
08/01/2024	-	-	-	-	-	4,121.88	4,121.88
02/01/2025	-	-	-	61,000.00	4.250%	4,121.88	65,121.88
08/01/2025	-	-	-	-	-	2,825.63	2,825.63
02/01/2026	-	-	-	64,000.00	4.250%	2,825.63	66,825.63
08/01/2026	-	-	-	-	-	1,465.63	1,465.63
02/01/2027	-	-	-	67,000.00	4.375%	1,465.63	68,465.63
Total	\$463,000.00	\$8,685.56	\$471,685.56	\$463,000.00	-	\$82,811.95	\$545,811.95

Yield Statistics

Base date for Avg. Life & Avg. Coupon Calculation	1/07/2020
Average Life	3.786 Years
Average Coupon	4.2472181%
Weighted Average Maturity (Par Basis)	3.786 Years
Weighted Average Maturity (Original Price Basis)	3.782 Years

Refunding Bond Information

Refunding Dated Date	1/07/2020
Refunding Delivery Date	1/07/2020

**FIRST AMENDMENT AND SUPPLEMENT TO
ASSISTANCE AGREEMENT**

This First Amendment and Supplement to Assistance Agreement made and entered into as of January 7, 2020 (the "First Amendment to Assistance Agreement") by and between the Kentucky Rural Water Finance Corporation, a non-profit agency and instrumentality of various political subdivisions of the Commonwealth of Kentucky duly organized and existing under the laws of the Commonwealth of Kentucky (the "Issuer") and the Big Sandy Water District, 18200 State Route 3, Catlettsburg, Kentucky 41129 (the "Governmental Agency"):

WITNESSETH

WHEREAS, the Issuer has established its Public Projects Flexible Term Program (the "Program") designed to provide financing for the expansion, addition and improvements of public projects for governmental entities under which the Issuer issued, in various series, its Kentucky Rural Water Finance Corporation Multimodal Public Projects Revenue Bonds (Flexible Term Program) pursuant to a Trust Indenture dated as of April 4, 2001, as supplemented from time to time (collectively, the "Indenture") between the Issuer and Regions Bank, Nashville, Tennessee (as successor in interest to Fifth Third Bank and The Bank of New York Trust Company, N.A.), as trustee (the "Trustee"), the net proceeds of which will be applied for the benefit of such governmental entities by making loans, pursuant to assistance agreements; and

WHEREAS, pursuant to the Indenture, the Issuer has authorized the issuance of the Kentucky Rural Water Finance Corporation Public Projects Refunding Revenue Bonds (Flexible Term Program), Series 2020A (the "Series 2020A Bonds") in the aggregate principal amount of \$12,635,000, pursuant to a Supplemental Trust Indenture No. 73, dated as of January 7, 2020 by and between the Issuer and the Trustee, which Series 2020A Bonds will rank on a parity with the other outstanding bonds issued under the terms of the Indenture and the proceeds of which will be used by certain governmental agencies to acquire, construct and equip public projects described in various Assistance Agreements by and between the governmental agencies and the Issuer; and

WHEREAS, the Governmental Agency entered into an Assistance Agreement (the "Assistance Agreement") with the Issuer on January 30, 2007, pursuant to which the Issuer provided the Governmental Agency with a loan dated January 30, 2007, in the original principal amount of \$931,000, from the proceeds of the Kentucky Rural Water Finance Corporation Public Projects Refunding and Improvement Revenue Bonds (Flexible Term Program), Series 2007A (the "Loan"); and

WHEREAS, the proceeds of the Series 2007A Loan were used to finance the cost to acquire radio read meters and purchase certain billing hardware and software and refinance and currently refund the loan to the Governmental Agency in the original principal amount of \$316,000, dated December 22, 2005, from the Kentucky Rural Water Finance Corporation Public Projects Revenue Bonds (Flexible Term Program), Series 2005D, which loan was issued

to install water lines in Lawrence County, Kentucky, and appurtenances, to be part of the District's waterworks system (the "System"); and

WHEREAS, the Governmental Agency has determined that it is necessary and desirable and in the public interest to amend and supplement the Assistance Agreement, in order to effect substantial debt service savings; and

WHEREAS, under the provisions of Sections 58.010 through 58.140, inclusive, of the Kentucky Revised Statutes, the Governmental Agency is authorized to enter into this First Amendment to Assistance Agreement and to borrow the Loan, as defined herein, to provide funds for the purpose stated in the Assistance Agreement; and

WHEREAS, the Issuer is willing to cooperate with the Governmental Agency in amending and supplementing the terms of the Loan to assist the Governmental Agency in achieving debt service savings upon the conditions hereinafter enumerated and the covenants by the Governmental Agency herein contained; and

WHEREAS, the Issuer and the Governmental Agency have determined to enter into this First Amendment to Assistance Agreement to set forth their respective duties, rights, covenants, and obligations with respect to the repayment of the Loan and the interest thereon;

NOW, THEREFORE, FOR AND IN CONSIDERATION OF THE MUTUAL COVENANTS HEREIN SET FORTH, THE LOAN HEREBY EFFECTED AND OTHER GOOD AND VALUABLE CONSIDERATION, THE RECEIPT OF WHICH IS HEREBY ACKNOWLEDGED BY EACH PARTY, THE PARTIES HERETO MUTUALLY COVENANT AND AGREE, EACH WITH THE OTHER AS FOLLOWS:

Section 1. Definitions. Unless the context clearly indicates some other meaning or as otherwise set forth below, the words and terms defined in the Assistance Agreement shall apply for the purposes of this First Amendment and Supplement to Assistance Agreement. In addition, the following terms shall have the meanings set forth below:

"Assistance Agreement" refers to the Assistance Agreement between the Issuer and the Governmental Agency, dated January 30, 2007, authorizing the Series 2007A Loan.

"First Amendment to Assistance Agreement" refers to this First Amendment and Supplement to Assistance Agreement supplementing and amending the Assistance Agreement, which authorized the Loan.

"Indenture" means the Trust Indenture, dated as of April 4, 2001, as originally executed or as it may from time to time be supplemented, modified or amended by any supplemental indenture, including the Supplemental Trust Indenture No. 73, dated January 7, 2020, by and between the Issuer and the Trustee.

“*Interest Payment Date*” shall mean the 1st day of each month, commencing March 1, 2020 and continuing through and including January 1, 2040 or until the Loan has been paid in full.

“*Loan*” refers to the loan in the amount of \$931,000, dated January 30, 2007, to the Big Sandy Water District from the Kentucky Rural Water Finance Corporation Public Projects Revenue Bonds (Flexible Term Program), Series 2007A, as amended herein.

“*Trustee*” refers to Regions Bank, Nashville, Tennessee.

Section 2. Authorization of Loan; Place of Payment; Manner of Execution. Section 3 of the Assistance Agreement is amended by the substitution of the following provisions:

That pursuant to the Constitution and laws of Kentucky, and particularly the Act, the Governmental Agency hereby authorizes this borrowing of \$465,000 from the Program, for the purpose of providing funds to re-amortize the Loan.

The Loan is payable on the Interest Payment Date in such principal and interest amounts as set forth in **Exhibit A** attached hereto.

The principal of, redemption price, if any, and interest on the Loan shall be payable in lawful money of the United States of America on the Interest Payment Date to the Trustee for the Program. Such payment shall be made by the Governmental Agency from funds on deposit in the Sinking Fund pursuant to the ACH Debit Direct Payment Method (the “ACH Debit Direct Payment Method”) as described and detailed in the ACH Debit Direct Payment Authorization Form (the “ACH Authorization Form”) in a form as provided by the Trustee to the Governmental Agency. The ACH Authorization Form shall be completed, signed and forwarded to the Trustee prior to the Governmental Agency receiving any of the proceeds of the Loan.

Pursuant to the ACH Debit Direct Payment Method, there shall be transferred to the Trustee on or before each Interest Payment Date, from the Sinking Fund, the amounts set forth as sinking fund payments on Exhibit A attached hereto.

In addition, in the event the Issuer is required to withdraw moneys from the Program Reserve Fund established pursuant to the Indenture to pay the principal of and interest on the Loan and any other payments due under this Assistance Agreement on behalf of the Governmental Agency (the “Reserve Withdrawal”), the Governmental Agency shall pay to the Trustee, each amount set forth as sinking fund payments on **Exhibit A** attached hereto, pursuant to the ACH Debit Direct Payment Method an amount equal to at least 1/12 of the Reserve Withdrawal, plus accrued interest thereon at the rate equal to the highest rate of interest paid by the investments making up the Program Reserve Fund until such Reserve Withdrawal has been replenished.

Section 3. Redemption. Section 4 of the Assistance Agreement is amended by the substitution of the following provisions:

(a) *Optional Redemption.* Subject to the prior written approval of the Compliance Group, the Loan payments due on or after January 1, 2040 are subject to optional redemption, in whole or in part, by the Governmental Agency prior to their stated maturity, at any time falling on or after January 1, 2028 at a redemption price equal to 100% of the principal amount of the Loan payments called for redemption, plus unpaid interest accrued to the date of redemption.

Section 4. Revision of Debt Service Schedule and Amortization of Fees and Costs. Upon (i) the execution of this First Amendment to Assistance Agreement, (ii) the delivery of this First Amendment to Assistance Agreement to the Trustee, and (iii) certification of the Compliance Group that the Loan will continue to be accepted in the Program; the Issuer will amend the debt service schedule on the Governmental Agency’s Loan as evidenced in the attached **Exhibit A**, which debt service schedule will amortize the fees and costs incurred by the Governmental Agency and any other pertinent expenses incident to the issuance, sale and delivery of the Loan and such other appropriate expenses as may be approved by the Governmental Agency Chief Executive, including but not limited to the Governmental Agency’s pro rata share of the Program’s fees and expenses.

Section 5. Calculation of Revised Principal Amount of the Loan. The revised principal amount of the Loan is \$465,000, which amount was calculated as follows:

Outstanding principal balance of the Loan on January 7, 2020	471,685.56
Plus net costs associated with amending the debt service on the Loan	(7,033.05)
Plus deposit to Governmental Agency’s Sinking Fund (rounding)	<u>347.49</u>
Revised principal amount of the Loan	\$465,000.00

[Signature page follows]

IN WITNESS WHEREOF, the Kentucky Rural Water Finance Corporation has caused this First Amendment to Assistance Agreement to be signed in its name by its President and attested by its Secretary/Treasurer and the Big Sandy Water District has caused this First Amendment to Assistance Agreement to be signed in corporate name and by its officer thereunder duly authorized, all as of the day and year first above written.

KENTUCKY RURAL WATER FINANCE CORPORATION

By John M. Dix
President

Attest:
By [Signature]
Secretary/Treasurer

BIG SANDY WATER DISTRICT

By _____
Chairman

Attest:
By _____
Secretary

IN WITNESS WHEREOF, the Kentucky Rural Water Finance Corporation has caused this First Amendment to Assistance Agreement to be signed in its name by its President and attested by its Secretary/Treasurer and the Big Sandy Water District has caused this First Amendment to Assistance Agreement to be signed in corporate name and by its officer thereunder duly authorized, all as of the day and year first above written.

KENTUCKY RURAL WATER FINANCE CORPORATION

By _____
President

Attest:

By _____
Secretary/Treasurer

BIG SANDY WATER DISTRICT

By Paul E. H... ..
Chairman

Attest:

By Darrell B.
Secretary

**KRWFC Flexible Term Program Series 2020 A
Sinking Fund Payment Schedule**

**Borrower: Big Sandy Water District KRWFC
Closing Date: 01/07/20**

	Monthly Principal	Monthly Interest	Total Monthly Sinking Fund Payments
3/20-7/20	1,000.00	1,872.27	2,872.27
8/20-1/21	1,666.67	1,375.65	3,042.31
2/21-7/21	1,666.67	1,310.65	2,977.31
8/21-1/22	1,666.67	1,310.65	2,977.31
2/22-7/22	1,666.67	1,223.98	2,890.65
8/22-1/23	1,666.67	1,223.98	2,890.65
2/23-7/23	1,666.67	1,137.31	2,803.98
8/23-1/24	1,666.67	1,137.31	2,803.98
2/24-7/24	1,666.67	1,050.65	2,717.31
8/24-1/25	1,666.67	1,050.65	2,717.31
2/25-7/25	1,666.67	963.98	2,630.65
8/25-1/26	1,666.67	963.98	2,630.65
2/26-7/26	2,083.33	877.31	2,960.65
8/26-1/27	2,083.33	877.31	2,960.65
2/27-7/27	2,083.33	768.98	2,852.31
8/27-1/28	2,083.33	768.98	2,852.31
2/28-7/28	2,083.33	660.65	2,743.98
8/28-1/29	2,083.33	660.65	2,743.98
2/29-7/29	2,083.33	614.81	2,698.15
8/29-1/30	2,083.33	614.81	2,698.15
2/30-7/30	2,083.33	568.98	2,652.31
8/30-2/31	2,083.33	568.98	2,652.31
2/31-7/31	2,500.00	520.44	3,020.44
8/31-1/32	2,500.00	520.44	3,020.44
2/32-7/32	2,500.00	459.19	2,959.19
8/32-1/33	2,500.00	459.19	2,959.19
2/33-7/33	2,500.00	394.69	2,894.69
8/33-1/34	2,500.00	394.69	2,894.69
2/34-7/34	2,500.00	327.19	2,827.19
8/34-1/35	2,500.00	327.19	2,827.19
2/35-7/35	2,500.00	259.69	2,759.69
8/35-1/36	2,500.00	259.69	2,759.69
2/36-7/36	2,500.00	189.06	2,689.06
8/36-1/37	2,500.00	189.06	2,689.06
2/37-7/37	1,250.00	115.31	1,365.31
8/37-1/37	1,250.00	115.31	1,365.31
2/38-7/38	1,250.00	78.44	1,328.44
8/38-1/39	1,250.00	78.44	1,328.44
2/39-7/39	1,250.00	40.00	1,290.00
8/39-1/40	1,250.00	40.00	1,290.00
	<u>465,000.00</u>	<u>156,318.91</u>	<u>573,522.17</u>

ASSISTANCE AGREEMENT
BETWEEN
KENTUCKY RURAL WATER FINANCE CORPORATION
AND
BIG SANDY WATER DISTRICT
DATED
JANUARY 7, 2020
IN THE AMOUNT OF \$1,265,000

This document was prepared by:

RUBIN & HAYS
Kentucky Home Trust Building
450 South Third Street
Louisville, Kentucky 40202
(502) 569-7525

By

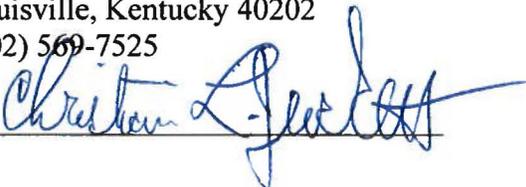


TABLE OF CONTENTS TO ASSISTANCE AGREEMENT

Section 1. Definitions 3
Section 2. Reaffirmation of Declaration of Waterworks System 8
Section 3. Authorization of Loan; Place of Payment; Manner of Execution 8
Section 4. Redemption..... 9
Section 5. Loan Payable Out of Gross Revenues on a Parity with Prior Bonds 9
Section 6. Compliance with Parity Coverage Requirements of the Prior Bond Legislation.... 9
Section 7. Flow of Funds 10
Section 8. Disposition of Proceeds of the Loan; Governmental Agency Account..... 11
Section 9. Arbitrage Limitations 12
Section 10. Parity Bonds 14
Section 11. Rates and Charges for Services of the System 15
Section 12. All Obligations of this Loan Are Equal 16
Section 13. Defeasance and/or Refunding of the Loan 16
Section 14. Contractual Nature of Assistance Agreement 17
Section 15. Appointment and Duties of Trustee..... 17
Section 16. Provisions in Conflict Repealed 18
Section 17. Covenant of Governmental Agency to Take All Action Necessary to Assure Compliance with the Internal Revenue Code of 1986..... 18
Section 18. Insurance..... 19
Section 19. Events of Default; Remedies 19
Section 20. Annual Reports 20
Section 21. Supplemental Assistance Agreement 20
Section 22. No Remedy Exclusive 21
Section 23. Waivers 21
Section 24. Agreement to Pay Attorneys’ Fees and Expenses 21
Section 25. Signatures of Officers 21
Section 26. Severability Clause 21

EXHIBIT A Debt Service Schedule

ASSISTANCE AGREEMENT

This Assistance Agreement made and entered into as of January 7, 2020 (the “Assistance Agreement”) by and between the Kentucky Rural Water Finance Corporation, a non-profit agency and instrumentality of various political subdivisions of the Commonwealth of Kentucky duly organized and existing under the laws of the Commonwealth of Kentucky (the “Issuer”) and the Big Sandy Water District, 18200 State Route 3, Catlettsburg, Kentucky 41129 (the “Governmental Agency”):

WITNESSETH

WHEREAS, the Issuer has established its Public Projects Flexible Term Program (the “Program”) designed to provide financing for the expansion, addition and improvements of public projects for governmental entities under which the Issuer issued, in various series, its Kentucky Rural Water Finance Corporation Multimodal Public Projects Revenue Bonds (Flexible Term Program) pursuant to a Trust Indenture dated as of April 4, 2001, as supplemented from time to time (collectively, the “Indenture”) between the Issuer and Regions Bank, Nashville, Tennessee (as successor in interest to Fifth Third Bank and The Bank of New York Trust Company, N.A.), as trustee (the “Trustee”), the net proceeds of which will be applied for the benefit of such governmental entities by making loans, pursuant to assistance agreements; and

WHEREAS, pursuant to the Indenture, the Issuer has authorized the issuance of the Kentucky Rural Water Finance Corporation Public Projects Refunding Revenue Bonds (Flexible Term Program), Series 2020A (the “Series 2020A Bonds”) in the aggregate principal amount of \$12,635,000, pursuant to a Supplemental Trust Indenture No. 73, dated as of January 7, 2020 by and between the Issuer and the Trustee, which Series 2020A Bonds will rank on a parity with the other outstanding bonds issued under the terms of the Indenture and the proceeds of which will be used by certain governmental agencies to acquire, construct and equip public projects described in various Assistance Agreements by and between the governmental agencies and the Issuer; and

WHEREAS, the Governmental Agency has outstanding its (i) Big Sandy Water District Waterworks Revenue Bonds, Series 1993, dated December 13, 1994, in the original principal amount of \$1,214,000; (ii) Big Sandy Water District Waterworks Revenue Bonds, Series 2000, dated September 26, 2000, in the original authorized principal amount of \$495,000; and (iii) Big Sandy Water District Waterworks Revenue Bonds, Series 2001, dated December 18, 2001, in the amount of \$527,000 (the “Refunded Bonds”), which bonds were issued by the Governmental Agency to make improvements and extensions to the Governmental Agency’s waterworks system (the “System”); and

WHEREAS, the Governmental Agency has determined that it is necessary and desirable and in the public interest to currently refund the Refunded Bonds, in order to effect substantial debt service savings (the “Refunding Program”), and the Issuer has determined that the Refunding Program is a project within the meaning of the Act and the Indenture, thereby qualifying for financial assistance from the Issuer; and

WHEREAS, the Governmental Agency has designated the Issuer as its instrumentality and agency; and

WHEREAS, pursuant to this Assistance Agreement the Governmental Agency will proceed with the Refunding Program; and

WHEREAS, in and by the Prior Bond Legislation (as hereinafter defined), the right and privilege was reserved by the Governmental Agency under conditions and restrictions set out in said Prior Bond Legislation, of issuing additional bonds from time to time, payable from the income and revenues of the System and ranking on a parity with the Governmental Agency's outstanding Prior Bonds (as hereinafter defined), for the purpose, among other things, of financing the cost of extensions, additions and improvements to the System and refinancing certain outstanding indebtedness, which conditions and restrictions are found to currently exist and prevail so as to permit the issuance of certain proposed additional bonds so as to rank, when issued, on a parity with the outstanding Prior Bonds; and

WHEREAS, it is deemed necessary and advisable for the best interests of the Governmental Agency that it enter into this Assistance Agreement with the Issuer in order to borrow funds (the "Loan") in the amount of \$1,265,000 for the Refunding Program, and to reaffirm the conditions and restrictions under which similar bonds or obligations may be subsequently issued ranking on a parity therewith; and

WHEREAS, under the provisions of Sections 58.010 through 58.140, inclusive, of the Kentucky Revised Statutes, and under the provisions of the Prior Bond Legislation, the Governmental Agency is authorized to enter into this Assistance Agreement and to borrow the Loan to provide such funds for the purpose aforesaid; and

WHEREAS, the Issuer is willing to cooperate with the Governmental Agency in making available the Loan pursuant to the Act and the Indenture to be applied to the Refunding Program upon the conditions hereinafter enumerated and the covenants by the Governmental Agency herein contained; and

WHEREAS, the Issuer and the Governmental Agency have determined to enter into this Assistance Agreement pursuant to the terms of the Act and the Indenture and to set forth their respective duties, rights, covenants, and obligations with respect to the financing of the Refunding Program subject to the repayment of the Loan and the interest thereon;

NOW, THEREFORE, FOR AND IN CONSIDERATION OF THE MUTUAL COVENANTS HEREIN SET FORTH, THE LOAN HEREBY EFFECTED AND OTHER GOOD AND VALUABLE CONSIDERATION, THE RECEIPT OF WHICH IS HEREBY ACKNOWLEDGED BY EACH PARTY, THE PARTIES HERETO MUTUALLY COVENANT AND AGREE, EACH WITH THE OTHER AS FOLLOWS:

Section 1. Definitions. As used in this Assistance Agreement, unless the context requires otherwise:

“*Act*” refers to Chapters 58 and 74 of the Kentucky Revised Statutes.

“*Assistance Agreement*” refers to this Assistance Agreement authorizing the Loan and the obligations hereunder.

“*Bond Counsel*” refers to Rubin & Hays, Kentucky Home Trust Building, 450 South Third Street, Louisville, Kentucky 40202, or any other nationally recognized individual or firm in the field of municipal bond law.

“*Bond Legislation of 1994*” or “*1994 Bond Legislation*” refers to the resolution authorizing the Series 1993 Bonds, which was adopted by the Governing Body on October 12, 1993.

“*Bond Legislation of 2000*” or “*2000 Bond Legislation*” refers to the resolution authorizing the Series 2000 Bonds, which was adopted by the Governing Body on August 21, 2000.

“*Bond Legislation of 2001*” or “*2001 Bond Legislation*” refers to the resolution authorizing the Series 2001 Bonds, which was adopted by the Governing Body on August 13, 2001.

“*Bond Legislation of 2014*” or “*2014 Bond Legislation*” refer to the resolution authorizing the Bonds of 2014, duly adopted by the Governing Body on November 18, 2013.

“*Bondowner*”, “*Owner*”, “*Bondholder*” means and contemplates, unless the context otherwise indicates, the registered owner of one or more of the Bonds at the time issued and outstanding hereunder.

“*Bonds*” refers to the Loan, the Prior Bonds and any additional Parity Bonds.

“*Certified Public Accountants*” refers to an independent Certified Public Accountant or firm of Certified Public Accountants, duly licensed in Kentucky and knowledgeable about the affairs of the System and/or of other Governmental Agency financial matters.

“*Code*” refers to the United States Internal Revenue Code of 1986, as amended, and any regulations issued thereunder.

“*Compliance Group*” refers to the Compliance Group identified and defined in the Indenture.

“*Engineer*” or “*Independent Consulting Engineer*” refers to an Independent Consulting Engineer or firm of Engineers of excellent national reputation or of recognized excellent reputation in Kentucky in the fields of waterworks and sewer engineering.

“*Fiscal Year*” refers to the annual accounting period of the Governmental Agency, beginning on January 1, and ending on December 31, of each year.

“*Funds*” refers collectively to the Revenue Fund, the Sinking Fund, the Operation and Maintenance Fund, and the Governmental Agency Account.

“*Governing Body*” means the Board of Commissioners of the Governmental Agency or such other body as shall be the governing body of said Governmental Agency under the laws of Kentucky at any given time.

“*Governmental Agency*” refers to the Big Sandy Water District, 18200 State Route 3, Catlettsburg, Kentucky 41129.

“*Governmental Agency Chief Executive*” refers to the Chairman of the Governing Body.

“*Governmental Agency Clerk*” refers to the Secretary of the Governmental Agency.

“*Indenture*” means the Trust Indenture, dated as of April 4, 2001, as originally executed or as it may from time to time be supplemented, modified or amended by any supplemental indenture, including the Supplemental Trust Indenture No. 73, dated January 7, 2020, by and between the Issuer and the Trustee.

“*Interest Payment Date*” shall mean the 1st day of each month, commencing March 1, 2020 and continuing through and including January 1, 2037 or until the Loan has been paid in full.

“*Issuer*” refers to the Kentucky Rural Water Finance Corporation, Bowling Green, Kentucky, 1151 Old Porter Pike, Bowling Green, Kentucky 42103.

“*Loan*” refers to the loan authorized by this Assistance Agreement from the Issuer to the Governmental Agency, in the principal amount of \$1,265,000, maturing January 1, 2037, to defray the cost of the Refunding Program.

“*Operation and Maintenance Fund*” refers to the Big Sandy Waterworks Operation and Maintenance Fund described in Section 401 of the Bond Legislation of 2014.

“*Outstanding Bonds*” refers collectively to all outstanding Prior Bonds, the Loan and any outstanding Parity Bonds and does not refer to any bonds that have been defeased.

“*Parity Bonds*” means bonds issued in the future, which will, pursuant to the provisions of this Assistance Agreement, rank on a basis of parity with the Loan and shall not be deemed to include, nor to prohibit the issuance of, bonds ranking inferior in security to the Loan.

“*Permitted Investments*” refers to investments of funds on deposit in the various funds created herein and includes:

(a) Obligations of the United States and of its agencies and instrumentalities, including obligations subject to repurchase agreements, if delivery of these obligations subject to repurchase agreements is taken either directly or through an authorized custodian. These investments may be accomplished through repurchase agreements reached with sources including but not limited to national or state banks chartered in the Commonwealth of Kentucky;

(b) Obligations and contracts for future delivery or purchase of obligations backed by the full faith and credit of the United States or a United States government agency, including but not limited to:

- i. United States Treasury;
- ii. Export-Import Bank of the United States;
- iii. Farmers Home Administration;
- iv. Government National Mortgage Corporation; and
- v. Merchant Marine bonds;

(c) Obligations of any corporation of the United States government, including but not limited to:

- i. Federal Home Loan Mortgage Corporation;
- ii. Federal Farm Credit Banks;
- iii. Bank for Cooperatives;
- iv. Federal Intermediate Credit Banks;
- v. Federal Land Banks;
- vi. Federal Home Loan Banks;
- vii. Federal National Mortgage Association; and
- viii. Tennessee Valley Authority;

(d) Certificates of deposit issued by or other interest-bearing accounts of any bank or savings and loan institutions which are insured by the Federal Deposit Insurance Corporation or similar entity or which are collateralized, to the extent uninsured, by any obligations, including surety bonds, permitted by KRS Section 41.240(4);

(e) Uncollateralized certificates of deposit issued by any bank or savings and loan institution rated on one (1) of the three (3) highest categories by a nationally recognized rating agency;

(f) Banker’s acceptances for banks rated in one (1) of the three (3) highest categories by a nationally recognized rating agency;

(g) Commercial paper rated in the highest category by a nationally recognized rating agency;

(h) Bonds or certificates of indebtedness of the Commonwealth of Kentucky and of its agencies and instrumentalities;

(i) Securities issued by a state or local government, or any instrumentality of agency thereof, in the United States, and rated in one (1) of the three (3) highest categories by a nationally recognized rating agency; and

(j) Shares of mutual funds, each of which shall have the following characteristics:

- i. The mutual fund shall be an open-end diversified investment company registered under the Federal Investment Company Act of 1940, as amended;
- ii. The management company of the investment company shall have been in operation for at least five (5) years; and
- iii. All of the securities in the mutual fund shall be eligible investments under this section.

Investments in the above instruments are subject to the following conditions and limitations:

(a) The amount of money invested at any time by a local government or political subdivision in one (1) or more of the categories of investments authorized by subsection (e), (f), (g), and (i) of this definition shall not exceed twenty percent (20%) of the total amount of money invested by the local government; and

(b) No local government or political subdivision shall purchase any investment authorized herein on a margin basis or through the use of any similar leveraging technique.

“Prior Bond Legislation” refers collectively to the Series 2001A Assistance Agreement, Series 2004D Assistance Agreement, Series 2007A Assistance Agreement, and 2014 Bond Legislation.

“Prior Bonds” refers collectively to the Series 2001A Loan, Series 2004D Loan, Series 2007A Loan, and Series 2014 Bonds.

“Sinking Fund” refers to the Big Sandy Water District Waterworks Sinking Fund, described in Section 401 of the Bond Legislation of 2014.

“Program” refers to the Issuer’s Public Projects Flexible Term Program designed to provide financing for the expansion, addition and improvement of public projects for governmental entities.

“Program Administrator” refers to the Kentucky Rural Water Association, Inc., Bowling Green, Kentucky.

“*Program Reserve Fund*” refers to the Reserve Fund created and established pursuant to Section 4.2 of the Indenture.

“*Refunded Bonds*” refers to the outstanding Series 1993 Bonds, Series 2000 Bonds, and Series 2001 Bonds.

“*Refunding Program*” refers to the current refunding of the Refunded Bonds with the proceeds of the Loan.

“*Revenue Fund*” refers to the Big Sandy Water District Waterworks Revenue Fund created in the Prior Bond Legislation and which Revenue Fund will continue to be maintained for the benefit of all of the Bonds.

“*Series 1993 Bonds*” refers to the outstanding Big Sandy Water District Waterworks Revenue Bonds, Series 1993, dated December 13, 1994, in the original authorized principal amount of \$1,214,000.

“*Series 2000 Bonds*” refers to the outstanding Big Sandy Water District Waterworks Revenue Bonds, Series 2000, dated January 11, 2001, in the original authorized principal amount of \$495,000.

“*Series 2001 Bonds*” refers to the outstanding Big Sandy Water District Waterworks Revenue Bonds, Series 2001, dated December 18, 2001, in the original authorized principal amount of \$527,000.

“*Series 2001A Assistance Agreement*” refers to the Assistance Agreement between the Kentucky Rural Water Finance Corporation and the Governmental Agency, dated June 27, 2001, authorizing the loan in the principal amount of \$793,000 from the Kentucky Rural Water Finance Corporation Public Projects Revenue Bonds (Flexible Term Program), Series 2001A.

“*Series 2001A Loan*” refers to the loan to the Governmental Agency in the principal amount of \$793,000 from the Kentucky Rural Water Finance Corporation Public Projects Revenue Bonds (Flexible Term Program), Series 2001A.

“*Series 2004D Assistance Agreement*” refers to the Assistance Agreement between the Kentucky Rural Water Finance Corporation and the Governmental Agency, dated October 19, 2004, authorizing the loan in the principal amount of \$732,000 from the Kentucky Rural Water Finance Corporation Public Projects Revenue Bonds (Flexible Term Program), Series 2004D.

“*Series 2004D Loan*” refers to the loan to the Governmental Agency in the principal amount of \$732,000 from the Kentucky Rural Water Finance Corporation Public Projects Revenue Bonds (Flexible Term Program), Series 2004D.

“*Series 2007A Assistance Agreement*” refers to the Assistance Agreement between the Kentucky Rural Water Finance Corporation and the Governmental Agency, dated January 30,

2007, authorizing the loan in the principal amount of \$931,000 from the Kentucky Rural Water Finance Corporation Public Projects Revenue Bonds (Flexible Term Program), Series 2007A.

“*Series 2007A Loan*” refers to the loan to the Governmental Agency in the principal amount of \$931,000 from the Kentucky Rural Water Finance Corporation Public Projects Revenue Bonds (Flexible Term Program), Series 2007A.

“*Series 2014 Bonds*” refer to the outstanding Big Sandy Water District Waterworks Revenue Bonds, Series 2014, dated May 20, 2014, in the original aggregate authorized principal amount of \$1,165,000.

“*System*” refers to the Governmental Agency’s waterworks system, together with all future extensions, additions and improvements to said System.

“*Treasurer*” refers to the Treasurer of the Governmental Agency.

“*Trustee*” refers to Regions Bank, Nashville, Tennessee.

“*U.S. Obligations*” refers to bonds, notes, or Treasury Bills, which are direct obligations of the United States of America or obligations fully guaranteed by the United States of America, including book-entry obligations of the United States Treasury-State and Local Government Series, and Trust Receipts representing an ownership interest in direct obligations of the United States.

Section 2. Reaffirmation of Declaration of Waterworks System. That all proceedings heretofore taken for the establishment of and the supplying of water service in and to said Governmental Agency as a waterworks system are hereby in all respects ratified and confirmed; and so long as the Loan hereinafter authorized or permitted to be issued remain outstanding, said System shall be owned, controlled, operated and maintained for the security and source of payment of the Loan. Said System is hereby declared to constitute a public project within the meaning and application of Sections 58.010 to 58.140, inclusive, of the Kentucky Revised Statutes.

Section 3. Authorization of Loan; Place of Payment; Manner of Execution. That pursuant to the Constitution and laws of Kentucky, and particularly the Act, the Governmental Agency hereby authorizes the borrowing of \$1,265,000 from the Program, to provide funds for the Refunding Program.

The Loan is payable on the Interest Payment Date in such principal and interest amounts as set forth in **Exhibit A** attached hereto.

The principal of, redemption price, if any, and interest on the Loan shall be payable in lawful money of the United States of America on the Interest Payment Date to the Trustee for the Program. Such payment shall be made by the Governmental Agency from funds on deposit in the Sinking Fund pursuant to the ACH Debit Direct Payment Method (the “ACH Debit Direct Payment Method”) as described and detailed in the ACH Debit Direct Payment Authorization

Form (the "ACH Authorization Form") in a form as provided by the Trustee to the Governmental Agency. The ACH Authorization Form shall be completed, signed and forwarded to the Trustee prior to the Governmental Agency receiving any of the proceeds of the Loan.

Pursuant to the ACH Debit Direct Payment Method, there shall be transferred to the Trustee on or before each Interest Payment Date, from the Sinking Fund, the amounts set forth as sinking fund payments on Exhibit A attached hereto.

In addition, in the event the Issuer is required to withdraw moneys from the Program Reserve Fund established pursuant to the Indenture to pay the principal of and interest on the Loan and any other payments due under this Assistance Agreement on behalf of the Governmental Agency (the "Reserve Withdrawal"), the Governmental Agency shall pay to the Trustee, each amount set forth as sinking fund payments on **Exhibit A** attached hereto, pursuant to the ACH Debit Direct Payment Method an amount equal to at least 1/12 of the Reserve Withdrawal, plus accrued interest thereon at the rate equal to the highest rate of interest paid by the investments making up the Program Reserve Fund until such Reserve Withdrawal has been replenished.

Section 4. Redemption.

(a) *Optional Redemption.* Subject to the prior written approval of the Compliance Group, the Loan payments due on or after January 1, 2029 are subject to optional redemption, in whole or in part, by the Governmental Agency prior to their stated maturity, at any time falling on or after January 1, 2028 at a redemption price equal to 100% of the principal amount of the Loan payments called for redemption, plus unpaid interest accrued to the date of redemption.

In the event that the Governmental Agency desires to optionally redeem a portion of its Loan payments, such redemption shall be in a denomination equal to \$5,000 or any integral multiple thereof.

(b) *Notice of Redemption.* The Governmental Agency shall give the Issuer and the Trustee notice of any redemption by sending at least one such notice by first class United States mail not less than 45 and not more than 90 days prior to the date fixed for redemption.

All of said Loan payments as to which the Governmental Agency reserves and exercises the right of redemption and as to which notice as aforesaid shall have been given, and for the retirement of which, upon the terms aforesaid, funds are duly provided, will cease to bear interest on the redemption date.

Section 5. Loan Payable Out of Gross Revenues on a Parity with Prior Bonds. The Loan, the Prior Bonds and any additional Parity Bonds that may be issued under the conditions and restrictions hereinafter set forth, shall be secured by and payable out of the gross revenues of the System.

Section 6. Compliance with Parity Coverage Requirements of the Prior Bond Legislation. It is hereby declared that in accordance with the provisions of the Prior Bond

Legislation and prior to the issuance of the Loan hereby authorized, there will be procured and filed with the Governmental Agency Clerk of said Governmental Agency any and all statements or certifications for the purpose of having both principal and interest on the Prior Bonds and the Loan hereby authorized payable on a parity from the income and revenues of said System with said outstanding Prior Bonds.

Section 7. Flow of Funds. All proceedings preliminary to and in connection with the issuance of the Prior Bonds, whereby provision was made for the receipt, custody, and application of the proceeds of the Prior Bonds; for the operation of said System on a revenue-producing basis; for the segregation, allocation, and custody of the revenues derived from the operation of the System; and for the enforcement and payment of the Prior Bonds; and all other covenants for the benefit of the bondholders set out in the Prior Bond Legislation, are hereby ratified and confirmed and shall continue in force and inure to the security and benefit of the Bonds, the same as if such provisions and proceedings were repeated in full herein; provided, further, that, hereafter, the income and revenues of the System shall be collected, segregated, accounted for, and distributed as follows:

A. Revenue Fund. The Governmental Agency covenants and agrees that it will continue to deposit in the Revenue Fund, promptly as received from time to time, all revenues of the System, as same may be extended and improved from time to time. The moneys in the Revenue Fund shall continue to be used, disbursed and applied by the Governmental Agency only for the purpose and in the manner and order of priorities specified in the Prior Bond Legislation, as hereinafter modified by this Assistance Agreement, all as permitted by the Act, and in accordance with previous contractual commitments.

B. Sinking Fund. It is hereby recognized that the Governmental Agency is obligated upon the issuance of the Loan to provide for additional debt service requirements of the Loan.

There shall be transferred from the Revenue Fund and deposited into the Sinking Fund on or before the 20th day of each month, for payment of interest on and principal of the Prior Bonds, including the Loan, a sum equal to the total of the following:

- (1) An amount equal to one-sixth (1/6) of the next succeeding six-month interest payment to become due on the Prior Bonds and the Loan balance then outstanding, plus
- (2) A sum equal to one-twelfth (1/12) of the principal of any Prior Bonds and the Loan maturing on the next succeeding principal payment date.

Said Sinking Fund shall be used solely and only and is hereby pledged for the purpose of paying the principal of and interest on the Prior Bonds and the Loan.

C. Operation and Maintenance Fund. There shall next be transferred monthly from the Revenue Fund and deposited into said Operation and Maintenance Fund, sums sufficient to meet the current expenses of operating and maintaining the System. The balance

maintained in said Operation and Maintenance Fund shall not be in excess of the amount required to cover anticipated System expenditures for a two-month period pursuant to the Governmental Agency's annual budget.

D. Surplus Funds. Subject to the provisions for the disposition of the income and revenues of the System as set forth hereinabove, which provisions are cumulative, and after paying or providing for the payment of debt service on any subordinate obligations, there shall be transferred, within sixty days after the end of each Fiscal Year, the balance of excess funds in the Revenue Fund on such date, to the Sinking Fund to be applied to the maximum extent feasible, to the prompt purchase or redemption of Outstanding Bonds.

Provided, however, notwithstanding anything to the contrary in any Prior Bond Legislation, the Governmental Agency shall be allowed a credit to the extent of moneys on deposit in the Program Reserve Fund for the purpose of meeting any parity requirements in any Prior Bond Legislation; subject however, to the limitation that moneys in the Program Reserve Fund may only be used to make payments of the Government Agency due under this Assistance Agreement, if necessary, and; provided further, that the Trustee may not seek payment for any reserve funds held by the Governmental Agency under any Prior Bond Legislation for payment of any amounts due from the Governmental Agency under this Assistance Agreement.

Section 8. Disposition of Proceeds of the Loan; Governmental Agency Account. Upon (i) the execution of this Assistance Agreement, (ii) the delivery of this Assistance Agreement to the Trustee, (iii) certification of the Compliance Group that the Loan is to be accepted in the Program, and (iv) upon receipt by the Governmental Agency of the proceeds of the Loan, the proceeds shall be applied as follows:

(a) *Disposition of the Proceeds.* There shall first be deducted and paid from the proceeds of the Loan the fees and costs incurred by the Governmental Agency and any other pertinent expenses incident to the issuance, sale and delivery of the Loan and such other appropriate expenses as may be approved by the Governmental Agency Chief Executive, including but not limited to the Governmental Agency's pro rata share of the Program's fees and expenses.

The balance shall be deposited to the Governmental Agency Account to be used for the Refunding Program.

(b) *Governmental Agency Account.* It is hereby acknowledged that a fund entitled "Big Sandy Water District Governmental Agency Account" (the "Governmental Agency Account") has been created and maintained by the Trustee pursuant to the Indenture; and such amount on deposit in said Governmental Agency Account shall be transferred to the Rural Development (the "RD") of the Department of Agriculture of the United States of America, the holder of the Refunded Bonds, as may be required:

- (1) To pay the interest on the Refunded Bonds to and including January 9, 2020; and

(2) To redeem on January 9, 2020 at a price equal to 100% of principal amount the Refunded Bonds that as of that date have not been redeemed, retired or otherwise paid, thereby defeasing the pledge of revenues and the property securing the Refunded Bonds.

Investment income derived from investment of the Governmental Agency Account, which shall be invested in Permitted Investments in accordance with this Assistance Agreement, shall, as received, be deposited in the Governmental Agency Account.

The Trustee shall be obligated to send written notice to the Governmental Agency of the need for investment directions if and whenever funds in excess of \$50,000 shall remain uninvested for a period of more than five days. In the absence of written direction from the Governmental Agency with respect to investment of moneys held in the Governmental Agency Account, the Trustee is hereby directed to invest funds in money market mutual funds of the Trustee or its affiliates that qualify as Permitted Investments under this Assistance Agreement.

No expenditure shall be made from the Governmental Agency Account except for proper and authorized expenses relating to the Refunding Program as approved by the Governmental Agency.

After completion of the Refunding Program, any balance then remaining on deposit in the Governmental Agency Account shall, subject to any and all applicable legal provisions and applicable arbitrage regulations necessary to assure the exemption of interest on the Loan from Federal income taxation, upon orders of the Governing Body, be transferred to the Sinking Fund, to be used for the purposes thereof.

Section 9. Arbitrage Limitations.

(a) The Governmental Agency covenants that neither the proceeds of the Loan, nor “Non-Exempt Revenues” of the System, as defined below, will be invested in investments that will produce a net adjusted yield in excess of the net interest cost (effective yield) of the Loan, if such investment would cause such Loan to be treated as “arbitrage bonds” within the meaning of Section 148 of the Internal Revenue Code, as amended, and the applicable regulations thereunder; provided, however, that such proceeds and/or revenues may be invested to whatever extent and whenever the Code and/or applicable regulations permit same to be invested without causing the Loan to be treated as “arbitrage bonds.”

(b) “Non-Exempt Revenues” within the meaning of the foregoing shall be deemed to refer to revenues of the System deposited in any of the funds earmarked for or reasonably expected to be used for the payment of debt service on the Loan, in excess of “Exempt Revenues,” which Exempt Revenues are:

(1) amounts deposited in the Sinking Fund for the purpose of paying debt service on any obligations against the System within thirteen (13) months from the date of deposit; and

(2) amounts deposited in a depreciation fund or any similar reserve for replacements, reasonably expected to be used for extensions, additions, improvements or replacements to the System, and not reasonably expected to be used to pay debt service (even if pledged to be used to pay debt service in the event of the unexpected inadequacy of other funds pledged for that purpose).

(c) If, and to the extent that any Non-Exempt Revenues are on deposit and are available for investment by reason of the foregoing, such funds shall be subject to the investment limitations set out in Subsection (a) above.

(d) On the basis of information furnished to the Governmental Agency, on known facts, circumstances and reasonable expectations on the date of enactment of this Assistance Agreement, the Governmental Agency certifies as follows:

(1) That it is not expected or contemplated that the proceeds of the Loan will be used or invested in any manner which will cause the Loan to be treated as "arbitrage bonds" within the meaning of Section 148 of the Code and the applicable regulations thereunder.

(2) That it is not expected or contemplated that the Governmental Agency will make any use of the proceeds of the Loan, which, if such use had been reasonably anticipated on the date of issuance of the Loan, would have caused the Loan to be arbitrage bonds.

(3) That it is expected and contemplated that the Governmental Agency will comply with (i) all of the requirements of Section 148 of the Code; and (ii) all of the requirements of the applicable regulations thereunder, to whatever extent is necessary to assure that the Loan will not be treated as arbitrage bonds.

(4) That it is anticipated that amounts on deposit in the Sinking Fund will be used within 13 months from the date of deposit for the payment of debt service on the outstanding Loan and all Prior Bonds payable from said Sinking Fund.

(5) That amounts accumulated in the Sinking Fund shall not exceed the limitations set forth in this Assistance Agreement.

(6) That it is not reasonably anticipated that amounts accumulated in a depreciation fund will be used for payment of debt service on any bonds payable from the revenues of the System, even though such depreciation fund will be so available if necessary to prevent a default in the payment of principal and interest on such bonds.

Prior to or at the time of delivery of the Loan, the Governmental Agency Chief Executive and/or the Governmental Agency Treasurer are authorized to execute the appropriate certification with reference to the matters referred to above, setting out all known and contemplated facts concerning such anticipated investment of the proceeds of the Loan, including the execution of necessary and/or desirable certifications of the type contemplated by

the Code and applicable regulations, as amended, in order to assure that interest on the Loan will be exempt from all federal income taxes and that the Loan will not constitute or be treated as arbitrage bonds.

Section 10. Parity Bonds. The lien and security of and for any bonds or obligations hereafter issued that are payable from the income and revenues of the System, shall, except as set out herein, be subject to the priority of the Prior Bonds and the Loan as may from time to time be outstanding; provided the Governmental Agency has in said Prior Bond Legislation reserved the right and privilege, and does hereby reserve the right and privilege, of issuing additional bonds from time to time payable from the income and revenues of the System ranking on a parity with the Prior Bonds and with the Loan, but only under the conditions specified herein and in the Prior Bond Legislation, which conditions are hereinafter repeated, taking into account the issuance of the Loan.

The Governmental Agency reserves the right to finance future extensions, additions, and/or improvements to the System by the issuance of one or more additional series of bonds to be secured by a parity lien on and ratably payable from, the revenues of the System pledged to the Prior Bonds and the Loan, provided;

(a) The facilities to be constructed from the proceeds of the additional Parity Bonds are made a part of the System and their revenues are pledged as additional security for the additional Parity Bonds and for the Outstanding Bonds.

(b) The Governmental Agency is in compliance with all covenants and undertakings in connection with all of the Outstanding Bonds.

(c) The annual net revenues (defined as gross revenues less operating expenses), of the then existing System for the Fiscal Year preceding the year in which such Parity Bonds are to be issued, adjusted as hereinafter provided, shall be certified by an independent Certified Public Accountant to be equal at least one hundred twenty percent (120%) of the average annual debt service requirements for principal and interest on all Outstanding Bonds payable from the revenues of the System, plus the anticipated debt service requirements of any Parity Bonds then proposed to be issued. The calculation of average annual debt service requirements of principal and interest on the additional Parity Bonds to be issued shall, regardless of whether such additional Parity Bonds are to be serial or term bonds, be determined on the basis of the principal of and interest on such Parity Bonds being payable in approximately equal annual installments.

(d) The "annual net revenues" referred to above may be adjusted for the purpose of the foregoing computations to reflect:

(1) any revisions in the System's schedule of rates or charges being imposed on or before the time of the issuance of any such additional Parity Bonds, and

(2) any increase in the annual net revenues to be realized from the proposed extensions, additions and improvements being financed (in whole or in part) by such additional Parity Bonds;

provided all such adjustments shall be based upon and included in a certification of a Certified Public Accountant or an Independent Consulting Engineer.

(e) Reference is made to the necessity of obtaining the written consent of the United States Department of Agriculture Farmers Home Administration or its successor [the "FHA"] for the issuance of future bonds encumbering the System while the FHA holds any bonds payable from the revenues of the System.

(f) The Governmental Agency reserves the right to issue Parity Bonds to refund or refinance any part or all of the Loan, provided that prior to the issuance of such Parity Bonds for that purpose, there shall have been procured and filed with the Governmental Agency Clerk of the Governmental Agency a statement by a Certified Public Accountant, as defined herein, reciting the opinion based upon necessary investigation that:

(1) after the issuance of the Parity Bonds, the annual net revenues, as adjusted and defined above, of the then existing system for the Fiscal Year preceding the date of issuance of the Parity Bonds, after taking into account the revised debt service requirements resulting from the issuance of the Parity Bonds and from the elimination of the Outstanding Bonds being refunded or refinanced thereby, are equal to not less than 120% of the average annual debt service requirements then scheduled to fall due in any Fiscal Year thereafter for principal of and interest on all of the Outstanding Bonds payable from the revenues of the System, calculated in the manner specified above; or

(2) in the alternative, that the average annual debt service requirements for the proposed Parity Bonds, in any year of maturities thereof after the redemption of the obligations scheduled to be refunded through the issuance of the proposed Parity Bonds, shall not exceed the average annual debt service requirements applicable to the then outstanding obligations for any year prior to the issuance of the proposed Parity Bonds and the redemption of the obligations scheduled to be refunded.

Section 11. Rates and Charges for Services of the System. While the Loan remains outstanding and unpaid, the rates for all services of the System rendered by the Governmental Agency to its citizens, corporations, or others requiring the same, shall be reasonable and just, taking into account and consideration the cost and value of said System, the cost of maintaining and operating the same, the proper and necessary allowances for depreciation thereof, and the amounts necessary for the retirement of the Outstanding Bonds and the accruing interest on all Outstanding Bonds as may be outstanding under the provisions of this Assistance Agreement and the Prior Bond Legislation, and there shall be charged such rates and amounts as shall be adequate to meet all requirements of the provisions of this Assistance Agreement. Prior to the issuance of the Loan a schedule of rates and charges for the services rendered by the System to all users adequate to meet all requirements of this Assistance Agreement has been established and adopted.

The Governmental Agency covenants that it will not reduce the rates and charges for the services rendered by the System without first filing with the Governmental Agency Clerk a

certification of an Independent Consulting Engineer or a Certified Public Accountant that the annual net revenues (as defined in Section 10 hereof) of the then existing System for the Fiscal Year preceding the year in which such reduction is proposed, as such annual net revenues are adjusted, after taking into account the projected reduction in annual net revenues anticipated to result from any such proposed rate decrease, are equal to not less than 120% of the average annual debt service requirements for principal and interest on all of the then outstanding bonds payable from the revenues of the System, calculated in the manner specified in Section 10 hereof.

The Governmental Agency also covenants to cause a report to be filed with the Governing Body within four months after the end of each Fiscal Year by a Certified Public Accountant, setting forth the precise debt service coverage percentage of the average annual debt service requirements falling due in any Fiscal Year thereafter for principal of and interest on all of the then Outstanding Bonds payable from the revenues of the System, produced or provided by the net revenues of the System in that Fiscal Year, calculated in the manner specified in Section 10 hereof; and the Governmental Agency covenants that if and whenever such report so filed shall establish that such coverage of annual net revenues for such year was less than 120% of the average annual debt service requirements falling due in any year thereafter for the principal of and interest on all of the then Outstanding Bonds, the Governmental Agency shall increase the rates by an amount sufficient, in the opinion of such Certified Public Accountant, to establish the existence of or immediate projection of, such minimum 120% coverage.

Section 12. All Obligations of this Loan Are Equal. The obligations authorized and permitted to be issued hereunder, and from time to time outstanding, shall not be entitled to priority one over the other in the application of the income and revenues of the System regardless of the time or times of their issuance, it being the intention that there shall be no priority among the obligations authorized or permitted to be issued under the provisions of this Assistance Agreement, regardless of the fact that they may be actually issued and delivered at different times.

Section 13. Defeasance and/or Refunding of the Loan. The Governmental Agency reserves the right, at any time, to cause the pledge of the revenues securing the outstanding Loan to be defeased and released by paying an amount into an escrow fund sufficient, when invested (or sufficient without such investment, as the case may be) in cash and/or U.S. Obligations, to assure the availability in such escrow fund of an adequate amount (a) to call for redemption and to redeem and retire all of such outstanding Loan, both as to principal and as to interest, on the next or any optional redemption date, including all costs and expenses in connection therewith, and to pay all principal and interest falling due on the outstanding Loan to and on said date, or (b) to pay all principal and interest requirements on the outstanding Loan as same matures, without redemption in advance of maturity, the determination of whether to defease under (a) or (b) or both to be made by the Governing Body. Such U.S. Obligations shall have such maturities as to assure that there will be sufficient funds for such purpose. If such defeasance is to be accomplished pursuant to (a), the Governmental Agency shall take all steps necessary to publish the required notice of the redemption of the outstanding Loan and the applicable redemption date. Upon the proper amount of such investments being placed in escrow and so secured, such

revenue pledge shall be automatically fully defeased and released without any further action being necessary.

Section 14. Contractual Nature of Assistance Agreement. The provisions of this Assistance Agreement shall constitute a contract between the Governmental Agency and the Issuer; and after the issuance of the Loan, no change, variation or alteration of any kind in the provisions of this Assistance Agreement, nor of the Prior Bond Legislation, shall be made in any manner except as herein or therein provided until such time as all of the Bonds authorized thereby and the interest thereon have been paid or provided for in full, or as otherwise provided herein; provided that the Governing Body may enact legislation for any other purpose not inconsistent with the terms of this Assistance Agreement, and which shall not impair the security of the Issuer and/or for the purpose of curing any ambiguity, or of curing, correcting or supplementing any defective or inconsistent provisions contained herein or in any ordinance or other proceedings pertaining hereto.

Section 15. Appointment and Duties of Trustee. The Trustee is hereby designated as the bond registrar and paying agent with respect to the Loan.

Its duties as Trustee shall be as follows:

- (a) To register the Loan in the name of the Issuer;
- (b) To cancel and destroy (or remit to the Governmental Agency for destruction, if so requested by the Governmental Agency) all exchanged, matured, retired and redeemed Loan obligations, and to maintain adequate records relevant thereto;
- (c) To remit, but only to the extent that all required funds are made available to the Trustee by the Governmental Agency, semiannual interest payments directly to the Issuer's accounts for the Program;
- (d) To notify the Issuer of any Loan obligations to be redeemed and to redeem the Loan prior to its stated maturity upon receiving sufficient funds; and
- (e) To supply the Governmental Agency with a written accounting evidencing the payment of interest on and principal of the Loan within thirty (30) days following each respective due date.

The Trustee shall be entitled to the advice of counsel and shall be protected for any acts taken by it in good faith in reliance upon such advice. The Trustee shall not be liable for any actions taken in good faith and believed by it to be within its discretion or the power conferred upon it by this Assistance Agreement, or the responsibility for the consequences of any oversight or error in judgment.

The Trustee may at any time resign from its duties set forth in this Assistance Agreement by filing its resignation with the Governmental Agency Clerk and notifying the Issuer. Thereupon, the Issuer shall notify the Governmental Agency of a successor Trustee which shall

be an incorporated bank or trust company authorized to transact business in the United States of America. Notwithstanding the foregoing, in the event of the resignation of the Trustee, provision shall be made for the orderly transition of the books, records and accounts relating to the Loan to the successor Trustee in order that there will be no delinquencies in the payment of interest or principal due on the Loan.

Section 16. Provisions in Conflict Repealed. All ordinances, resolutions and orders, or parts thereof, in conflict herewith are, to the extent of such conflict, hereby repealed; and it is hereby specifically ordered and provided that any proceedings heretofore taken for the issuance of other bonds payable or secured in any manner by all or any part of the income and revenues of the System, or any part thereof, and which have not heretofore been issued and delivered, are hereby revoked and rescinded, and none of such other bonds shall be issued and delivered.

Section 17. Covenant of Governmental Agency to Take All Action Necessary to Assure Compliance with the Internal Revenue Code of 1986. In order to assure purchasers of the Loan that interest thereon will continue to be exempt from federal and Kentucky income taxation (subject to certain exceptions set out below), the Governmental Agency covenants to and with the Issuer that (1) the Governmental Agency will take all actions necessary to comply with the provisions of the Code, (2) the Governmental Agency will take no actions which will violate any of the provisions of the Code, or would cause the Loan to become "private activity bonds" within the meaning of the Code, (3) none of the proceeds of the Loan will be used for any purpose which would cause the interest on the Loan to become subject to federal income taxation, and the Governmental Agency will comply with any and all requirements as to rebate (and reports with reference thereto) to the United States of America of certain investment earnings on the proceeds of the Loan.

The Governmental Agency reserves the right to amend this Assistance Agreement but only with the consent of the Issuer (i) to whatever extent shall, in the opinion of Bond Counsel, be deemed necessary to assure that interest on the Loan shall be exempt from federal income taxation, and (ii) to whatever extent shall be permissible (without jeopardizing such tax exemption or the security of such owners) to eliminate or reduce any restrictions concerning the investment of the proceeds of the Loan, or the application of such proceeds or of the revenues of the System. The purchasers of the Loan are deemed to have relied fully upon these covenants and undertakings on the part of the Governmental Agency as part of the consideration for the purchase of the Loan. To the extent that the Governmental Agency obtains an opinion of nationally recognized bond counsel to the effect that non-compliance with any of the covenants contained in this Assistance Agreement or referred to in this Assistance Agreement would not subject interest on the Loan to federal income taxes or Kentucky income taxes, the Governmental Agency shall not be required to comply with such covenants or requirements.

This Assistance Agreement is executed in contemplation that Bond Counsel will render an opinion as to exemption of principal of the Loan from Kentucky ad valorem taxation and as to exemption of interest on the Loan from federal and Kentucky income taxation, based on the assumption by Bond Counsel that the Governmental Agency complies with covenants made by the Governmental Agency with respect to compliance with the provisions of the Code, and based on the assumption of compliance by the Governmental Agency with requirements as to any

required rebate (and reports with reference thereto) to the United States of America of certain investment earnings on the proceeds of the Loan. The Governmental Agency has been advised that based on the foregoing assumptions of compliance, Bond Counsel is of the opinion that the Loan is not an “arbitrage bond” within the meaning of Section 148 of the Code.

Section 18. Insurance.

(a) *Fire and Extended Coverage.* If and to the extent that the System includes structures above ground level, the Governmental Agency shall, upon receipt of the proceeds of the sale of the Loan, if such insurance is not already in force, procure fire and extended coverage insurance on the insurable portion of all of the facilities of the System, of a kind and in such amounts as would ordinarily be carried by private companies or public bodies engaged in operating a similar utility.

The foregoing fire and extended coverage insurance shall be maintained so long as any of the Loan is outstanding and shall be in amounts sufficient to provide for not less than full recovery whenever a loss from perils insured against does not exceed eighty percent (80%) of the full insurable value of the damaged facility.

In the event of any damage to or destruction of any part of the System the Governmental Agency shall promptly arrange for the application of the insurance proceeds for the repair or reconstruction of the damaged or destroyed portion thereof.

(b) *Liability Insurance on Facilities.* So long as the Loan is outstanding, the Governmental Agency shall, procure and maintain, public liability insurance relating to the operation of the facilities of the System, with limits of not less than \$200,000 for one person and \$1,000,000 for more than one person involved in one accident, to protect the Governmental Agency from claims for bodily injury and/or death; and not less than \$200,000 from claims for damage to property of others which may arise from the Governmental Agency’s operations of the System and any other facilities constituting a portion of the System.

(c) *Vehicle Liability Insurance.* If and to the extent that the Governmental Agency owns or operates vehicles in the operation of the System, upon receipt of the proceeds of the Loan, the Governmental Agency shall, if such insurance is not already in force, procure and maintain, so long as the Loan is outstanding, vehicular public liability insurance with limits of not less than \$200,000 for one person and \$1,000,000 for more than one person involved in one accident, to protect the Governmental Agency from claims for bodily injury and/or death, and not less than \$200,000 against claims for damage to property of others which may arise from the operation of such vehicles by the Governmental Agency.

Section 19. Events of Default; Remedies. The following items shall constitute an “Event of Default” on the part of the Governmental Agency:

(a) The failure to pay principal on the Loan when due and payable, either at maturity or by proceedings for redemption;

(b) The failure to pay any installment of interest on the Loan when the same shall become due and payable;

(c) The failure of the Governmental Agency to fulfill any of its obligations pursuant to this Assistance Agreement and to cure any such failure within 30 days after receipt of written notice of such failure; and/or

(d) The failure to promptly repair, replace or reconstruct essential facilities of the System after any major damage and/or destruction thereof.

Upon the occurrence of an Event of Default, the Issuer or the Trustee on its behalf, as owner of the Loan, may enforce and compel the performance of all duties and obligations of the Governmental Agency as set forth herein. Upon the occurrence of an Event of Default, then, upon the filing of suit by the Trustee or the Issuer, any court having jurisdiction of the action may appoint a receiver to administer the System on behalf of the Governmental Agency, with power to charge and collect rates sufficient to provide for the payment of the principal of and interest on the Loan, and for the payment of operation and maintenance expenses of the System, and to provide and apply the income and revenues in conformity with this Assistance Agreement and with the laws of the Commonwealth of Kentucky.

In addition to and apart from the foregoing, upon the occurrence of an Event of Default, the owner of the Loan may require the Governmental Agency by demand, court order, injunction, or otherwise, to raise all applicable rates charged for services of the System a reasonable amount, consistent with the requirements of this Assistance Agreement.

Section 20. Annual Reports. The Governmental Agency hereby agrees to provide or cause to be provided to the Issuer and the Compliance Group audited financial statements prepared in accordance with generally accepted accounting principles (commencing with the Fiscal Year ended December 31, 2019) and such other financial information and/or operating data as requested by the Issuer or the Compliance Group.

The annual financial information and operating data, including audited financial statements, will be made available on or before 180 days after the end of each Fiscal Year.

Section 21. Supplemental Assistance Agreement. The Governmental Agency may, but only with the consent of the Issuer, execute one or more supplemental Assistance Agreements as shall not be inconsistent with the terms and provisions hereof for any one or more of the following purposes:

(a) to cure any ambiguity or formal defect or omission in this Assistance Agreement;

(b) to subject to the lien and pledge of this Assistance Agreement additional revenues, properties, or collateral which may legally be subjected;

(c) to add to the conditions, limitations and restrictions on the issuance of bonds, other conditions, limitations and restrictions thereafter to be observed;

(d) to add to the covenants and agreements of the Governmental Agency in this Assistance Agreement, other covenants and agreements thereafter to be incurred by the Governmental Agency or to surrender any right or power herein reserved to or conferred upon the Governmental Agency;

(e) to affect the issuance of additional Parity Bonds; and/or

(f) to modify the terms and conditions of this Assistance Agreement at the request of the Issuer in order to assist the Issuer in operating the Program or to maintain any rating the Issuer may have on its Program obligations.

Section 22. No Remedy Exclusive. No remedy herein conferred upon or reserved to the Issuer is intended to be exclusive, and every such remedy will be cumulative and will be in addition to every other remedy given hereunder and every remedy now or hereafter existing at law or in equity. No delay or omission to exercise any right or power accruing upon any default will impair any such right or power and any such right and power may be exercised from time to time and as often as may be deemed expedient.

Section 23. Waivers. In the event that any agreement contained herein should be breached by either party and thereafter waived by the other party, such waiver will be limited to the particular breach so waived and will not be deemed to waive any other breach hereunder.

Section 24. Agreement to Pay Attorneys' Fees and Expenses. In the event that either party hereto shall become in default under any of the provisions hereof and the non-defaulting party employs attorneys or incurs other expenses for the enforcement of performance or observance of any obligation or agreement on the part of the defaulting party herein contained, the defaulting party agrees that it will pay on demand therefore to the non-defaulting party the fees of such attorneys and such other expenses so incurred by the non-defaulting party.

Section 25. Signatures of Officers. If any of the officers whose signatures or facsimile signatures appear on this Assistance Agreement or any other document evidencing the Loan cease to be such officers before delivery of the Loan, such signatures shall nevertheless be valid for all purposes the same as if such officers had remained in office until delivery, as provided by KRS 58.040 and KRS 61.390.

Section 26. Severability Clause. If any section, paragraph, clause or provision of this Assistance Agreement shall be held invalid, the invalidity of such section, paragraph, clause or provision shall not affect any of the remaining provisions of this Assistance Agreement.

[Signature page follows]

IN WITNESS WHEREOF, the Kentucky Rural Water Finance Corporation has caused this Assistance Agreement to be signed in its name by its President and attested by its Secretary/Treasurer and the Big Sandy Water District has caused this Assistance Agreement to be signed in corporate name and by its officer thereunder duly authorized, all as of the day and year first above written.

KENTUCKY RURAL WATER FINANCE CORPORATION

By John M. Dix
President

Attest:

By [Signature]
Secretary/Treasurer

BIG SANDY WATER DISTRICT

By _____
Chairman

Attest:

By _____
Secretary

IN WITNESS WHEREOF, the Kentucky Rural Water Finance Corporation has caused this Assistance Agreement to be signed in its name by its President and attested by its Secretary/Treasurer and the Big Sandy Water District has caused this Assistance Agreement to be signed in corporate name and by its officer thereunder duly authorized, all as of the day and year first above written.

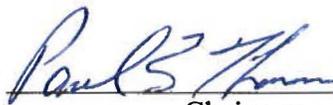
KENTUCKY RURAL WATER FINANCE CORPORATION

By _____
President

Attest:

By _____
Secretary/Treasurer

BIG SANDY WATER DISTRICT

By  _____
Chairman

Attest:

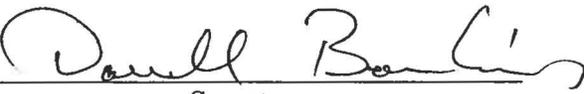
By  _____
Secretary

EXHIBIT A

Debt Service Schedule

**KRWFC Flexible Term Program Series 2020 A
Sinking Fund Payment Schedule**

**Borrower: Big Sandy Water District
Closing Date: 01/07/20**

	Monthly Principal	Monthly Interest	Total Monthly Sinking Fund Payments
3/20-7/20	9,004.74	6,169.64	15,174.38
8/20-1/21	8,333.33	4,536.50	12,869.83
2/21-7/21	8,333.33	4,124.83	12,458.17
8/21-1/22	8,333.33	4,124.83	12,458.17
2/22-7/22	8,750.00	3,691.50	12,441.50
8/22-1/23	8,750.00	3,691.50	12,441.50
2/23-7/23	9,583.33	3,236.50	12,819.83
8/23-1/24	9,583.33	3,236.50	12,819.83
2/24-7/24	10,000.00	2,738.17	12,738.17
8/24-1/25	10,000.00	2,738.17	12,738.17
2/25-7/25	10,416.67	2,218.17	12,634.83
8/25-1/26	10,416.67	2,218.17	12,634.83
2/26-7/26	10,833.33	1,676.50	12,509.83
8/26-1/27	10,833.33	1,676.50	12,509.83
2/27-7/27	5,833.33	1,113.17	6,946.50
8/27-1/28	5,833.33	1,113.17	6,946.50
2/28-7/28	5,833.33	809.83	6,643.17
8/28-1/29	5,833.33	809.83	6,643.17
2/29-7/29	5,833.33	681.50	6,514.83
8/29-1/30	5,833.33	681.50	6,514.83
2/30-7/30	6,250.00	553.17	6,803.17
8/30-2/31	6,250.00	553.17	6,803.17
2/31-7/31	6,250.00	407.54	6,657.54
8/31-1/32	6,250.00	407.54	6,657.54
2/32-7/32	6,250.00	254.42	6,504.42
8/32-1/33	6,250.00	254.42	6,504.42
2/33-7/33	833.33	93.17	926.50
8/33-1/34	833.33	93.17	926.50
2/34-7/34	833.33	70.67	904.00
8/34-1/35	833.33	70.67	904.00
2/35-7/35	833.33	48.17	881.50
8/35-1/36	833.33	48.17	881.50
2/36-7/36	833.33	24.58	857.92
8/36-1/37	833.33	24.58	857.92
	<u>1,265,000.00</u>	<u>318,969.70</u>	<u>1,583,969.70</u>