## COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

#### In the Matter of:

APPLICATION OF JESSAMINE-SOUTH ELKHORN	)
WATER DISTRICT FOR APPROVAL TO ENTER	)
INTO A LEASE AGREEMENT WITH THE	)
KENTUCKY ASSOCIATION OF COUNTIES	)
LEASING TRUST, IN AN APPROXIMATE	) CASE NO. 2020-00382
PRINCIPAL AMOUNT OF 2,515,000 FOR THE	)
PURPOSE OF REFINANCING ALL OUTSTANDING	)
OBLIGATIONS OF THE JESSAMINE-SOUTH	)
ELKHORN WATER DISTRICT.	)

## THE DISTRICT'S RESPONSE TO COMMISSION STAFF'S FIRST DATA REQUEST

Jessamine-South Elkhorn Water District ("the District"), by counsel, hereby files with the Public Service Commission of the Commonwealth of Kentucky (the "Commission"), its response to Commission staff's first data request.

#### REQUEST NO. 1 OF STAFF'S FIRST DATA REQUEST

1. Provide a debt service schedule, similar to what was provided in Attachment C for each of the obligations to be refunded, for the proposed KACOFC Lease (Lease) separately. Include all principal amounts, interest amounts, and interest rates for all periods of the term of the proposed Lease.

Answer: Please see the attached Exhibit A, which the District respectfully requests replace Exhibit C in its initial application, and which exhibit contains an updated debt service comparison schedule showing savings for the financing in addition to a breakout schedule for each of the three obligations to be refunded by the Lease and their respective debt service comparison schedules as well as tables showing the principal amounts, interest amounts, and interest rates.

Responsible Witness: Daniel Briscoe, Dinsmore & Shohl LLP, Bond Counsel to the District

Respectfully submitted,

Daniel D. Briscoe, Jr.

DINSMORE & SHOHL LLP

50 East RiverCenter Blvd., Suite 1150 Covington, KY 41011 Daniel.briscoe@dinsmore.com (859) 547-3371

(859) 431-0673 (fax)

**Bond Counsel to the District** 

### **CERTIFICATION**

I hereby certify that, for the data requests for which I have been identified as the responsible witness, I have supervised the preparation of Jessamine-South Elkhorn Water District's responses to the Commission Staff's data requests, and that the responses contained therein are true and accurate to the best of my knowledge, information, and belief formed after reasonable inquiry.

Daniel D. Briscoe, Jr.

Associate

Dinsmore & Shohl LLP Bond Counsel to District

Date: January 22, 2021

### Exhibit A

### **Debt Service Comparison**

## **Debt Service Comparison**

			Existing			
Date	Total P+I	Expenses	D/S	Net New D/S	Old Net D/S	Savings
12/31/2020						
12/31/2021	106,061.67	1,547.93	50,750.00	158,359.60	169,034.39	10,674.79
12/31/2022	152,367.50	6,637.50	-	159,005.00	172,031.27	13,026.27
12/31/2023	149,817.50	6,425.00		156,242.50	170,417.20	14,174.70
12/31/2024	147,267.50	6,212.50		153,480.00	168,725.63	15,245.63
12/31/2025	154,567.50	6,000.00	-	160,567.50	171,837.20	11,269.70
12/31/2026	151,717.50	5,762.50		157,480.00	169,259.70	11,779.70
12/31/2027	148,867.50	5,525.00		154,392.50	167,564.38	13,171.88
12/31/2028	150,942.50	5,287.50		156,230.00	170,024.07	13,794.0
12/31/2029	147,942.50	5,037.50	-	152,980.00	167,186.88	14,206.88
12/31/2030	149,867.50	4,787.50		154,655.00	169,779.69	15,124.69
12/31/2031	152,055.00	4,525.00	-	156,580.00	166,802.51	10,222.5
12/31/2032	149,525.00	4,250.00		153,775.00	168,684.70	14,909.7
12/31/2033	151,795.00	3,975.00		155,770.00	165,915.64	10,145.6
12/31/2034	153,797.50	3,687.50	-	157,485.00	167,984.70	10,499.7
12/31/2035	155,612.50	3,387.50		159,000.00	169,794.07	10,794.0
12/31/2036	152,362.50	3,075.00		155,437.50	166,398.76	10,961.2
12/31/2037	153,950.00	2,762.50		156,712.50	167,796.57	11,084.0
12/31/2038	155,306.25	2,437.50		157,743.75	168,930.01	11,186.2
12/31/2039	156,525.00	2,100.00		158,625.00	170,288.13	11,663.13
12/31/2040	54,050.00	1,750.00		55,800.00	67,520.94	11,720.9
12/31/2041	52,950.00	1,650.00		54,600.00	67,628.44	13,028.4
12/31/2042	51,850.00	1,550.00		53,400.00	67,649.69	14,249.6
12/31/2043	50,750.00	1,450.00		52,200.00	67,585.01	15,385.0
12/31/2044	54,525.00	1,350.00	-	55,875.00	67,434.39	11,559.3
12/31/2045	53,175.00	1,237.50		54,412.50	67,686.89	13,274.3
12/31/2046	51,825.00	1,125.00		52,950.00	67,342.51	14,392.5
12/31/2047	55,400.00	1,012.50		56,412.50	67,401.26	10,988.7
12/31/2048	53,900.00	887.50		54,787.50	67,352.51	12,565.0
12/31/2049	52,400.00	762.50		53,162.50	67,196.26	14,033.70
12/31/2050	55,825.00	637.50	-	56,462.50	67,420.63	10,958.1.
Total	\$3,426,997.92	\$96,835.43	\$50,750.00	\$3,574,583,35	\$3,950,674.03	\$376,090.68

# $\frac{Schedule\ I-Debt\ Service\ Comparison\ and\ Descriptive\ Information\ for\ Series\ 2008A}{USDA\ Loan\ \#92-05}$

### **Debt Service Comparison**

Date	Total P+I	Expenses	Net New D/S	Old Net D/S	Savings
12/31/2020					
12/31/2021	37,733.33	426.05	38,159.38	39,858.13	1,698.75
12/31/2022	38,612.50	1,812.13	40,424.63	39,858.76	(565.87)
12/31/2023	33,087.50	1,763.95	34,851.45	39,838.13	4,986.68
12/31/2024	32,637.50	1,728.41	34,365.91	39,796.25	5,430.34
12/31/2025	32,187.50	1,693.71	33,881.21	39,733.13	5,851.92
12/31/2026	31,737.50	1,659.27	33,396.77	39,648.76	6,251.99
12/31/2027	36,212.50	1,623.83	37,836.33	40,032.51	2,196.18
12/31/2028	35,612.50	1,576.52	37,189.02	39,884.38	2,695.36
12/31/2029	39,937.50	1,528.06	41,465.56	39,715.00	(1,750.56)
12/31/2030	39,187.50	1,467.78	40,655.28	40,013.75	(641.53)
12/31/2031	38,531.25	1,408.33	39,939.58	39,780.63	(158.95)
12/31/2032	37,956.25	1,349.37	39,305.62	39,526.26	220.64
12/31/2033	37,350.00	1,291.67	38,641.67	39,740.01	1,098.34
12/31/2034	36,712.50	1,235.66	37,948,16	39,911.26	1,963.10
12/31/2035	36,062,50	1,182.04	37,244,54	39,550.63	2,306.09
12/31/2036	35,412.50	1,130.87	36,543.37	39,658.13	3,114.76
12/31/2037	34,743.75	1,084.68	35,828.43	39,723.13	3,894.70
12/31/2038	34,056.25	1,046.88	35,103.13	39,745.63	4,642.50
12/31/2039	33,368.75	1,025.00	34,393.75	39,725.63	5,331.88
12/31/2040	27,750.00	964.67	28,714.67	39,663.13	10,948.46
12/31/2041	27,200.00	917.26	28,117.26	39,558.13	11,440.87
12/31/2042	31,581.25	863.82	32,445.07	39,410.63	6,965.56
12/31/2043	30,893.75	797.06	31,690.81	39,710.01	8,019.20
12/31/2044	30,175.00	733.69	30,908.69	39,456,26	8,547,57
12/31/2045	29,425.00	670.00	30,095,00	39,649.38	9,554.38
12/31/2046	28,675.00	605.79	29,280,79	39,289,38	10,008.59
12/31/2047	27,925.00	549.19	28,474.19	39,376.26	10,902.07
12/31/2048	27,175.00	498.21	27,673,21	39,399,38	11,726,17
12/31/2049	31,350.00	422.73	31,772.73	39,358.75	7,586.02
12/31/2050	30,450.00	347.73	30,797.73	37,786.25	6,988.52
Total	\$1,003,739,58	\$33,404,36	\$1,037,143,94	\$1,188,397.67	\$151,253,73

_	Refunded	Refunded			_		Refunded
Date	Bonds	Interest	D/S To Call	Principal	Coupon	Interest	D/S
12/01/2020		-					
12/04/2020	673,000.00	12,156.06	685,156.06				
01/01/2021	-	-	-	11,500.00	4.250%	14,301.25	25,801.25
07/01/2021						14,056.88	14,056.88
01/01/2022				12,000.00	4.250%	14,056.88	26,056.88
07/01/2022						13,801.88	13,801.88
01/01/2023				12,500.00	4.250%	13,801.88	26,301.88
07/01/2023						13,536.25	13,536.25
01/01/2024				13,000.00	4.250%	13,536.25	26,536.25
07/01/2024						13,260.00	13,260.00
01/01/2025				13,500.00	4.250%	13,260.00	26,760.00
07/01/2025						12,973.13	12,973.13
01/01/2026				14,000.00	4.250%	12,973.13	26,973.13
07/01/2026						12,675.63	12,675.63
01/01/2027				15,000.00	4.250%	12,675.63	27,675.63
07/01/2027						12,356.88	12,356.88
01/01/2028				15,500.00	4.250%	12,356.88	27,856.88
07/01/2028						12,027.50	12,027.50
01/01/2029				16,000.00	4.250%	12,027.50	28,027.50
07/01/2029						11,687.50	11,687.50
01/01/2030				17,000.00	4.250%	11,687.50	28,687.50
07/01/2030						11,326.25	11,326.25
01/01/2031				17,500.00	4.250%	11,326.25	28,826.25
07/01/2031						10,954.38	10,954.38
01/01/2032				18,000.00	4.250%	10.954.38	28,954.38
07/01/2032						10,571.88	10,571.88
01/01/2033				19,000.00	4.250%	10.571.88	29.571.88
07/01/2033						10,168.13	10,168.13
01/01/2034				20,000.00	4.250%	10,168.13	30,168.13
07/01/2034						9,743.13	9,743.13
01/01/2035				20,500.00	4.250%	9,743.13	30,243,13
07/01/2035						9.307.50	9,307,50
01/01/2036				21,500.00	4.250%	9.307.50	30,807.50
07/01/2036						8.850.63	8,850,63
01/01/2037				22 500.00	4.250%	8,850.63	31,350.63
07/01/2037						8.372.50	8.372.50
01/01/2038				23,500.00	4.250%	8,372.50	31,872.50
07/01/2038						7,873.13	7,873,13
01/01/2039				24,500.00	4.250%	7,873,13	32,373.13
07/01/2039						7,352.50	7,352.50
01/01/2040				25,500.00	4.250%	7,352.50	32.852.50
07/01/2040				23,200.00	4.2.00.4	6,810.63	6,810.63
01/01/2041		_	_	26,500.00	4.250%	6,810.63	33,310.63
0110112041				20,500.00	4.2.7076	0,010.03	33,314,83

Date	Refunded Bonds	Refunded Interest	D/S To Call	Principal	Coupon	Interest	Refunded D/S
07/01/2041						6,247.50	6,247.50
01/01/2042				27,500.00	4.250%	6,247.50	33,747.50
07/01/2042						5,663.13	5,663.13
01/01/2043				29,000.00	4.250%	5,663.13	34,663.13
07/01/2043						5,046.88	5,046.88
01/01/2044				30,000.00	4.250%	5,046.88	35,046.88
07/01/2044						4,409.38	4,409.38
01/01/2045				31,500.00	4.250%	4,409.38	35,909.38
07/01/2045						3,740.00	3,740.00
01/01/2046				32,500.00	4.250%	3,740.00	36,240.00
07/01/2046						3,049.38	3,049.38
01/01/2047				34,000.00	4.250%	3,049.38	37,049.38
07/01/2047						2,326.88	2,326.88
01/01/2048				35,500.00	4.250%	2,326.88	37,826.88
07/01/2048						1,572.50	1,572.50
01/01/2049				37,000.00	4.250%	1,572.50	38,572.50
07/01/2049						786.25	786.25
01/01/2050		-		37,000.00	4.250%	786.25	37,786.25
Total	\$673,000.00	\$12,156.06	\$685,156.06	\$673,000.00		\$515,397.67	\$1,188,397.67

## <u>Schedule II – Debt Service Comparison and Descriptive Information for the Series 2008B</u> <u>USDA Loan #92-07</u>

### **Debt Service Comparison**

			Net New		
Date	Total P+I	Expenses	D/S	Old Net D/S	Savings
12/31/2020					
12/31/2021	24,056.67	300.91	24,357.58	28,387.50	4,029.92
12/31/2022	23,322.50	1,285.60	24,608.10	28,037.50	3,429.40
12/31/2023	23,022.50	1,262.06	24,284.56	28,176.56	3,892.00
12/31/2024	22,722.50	1,238.64	23,961.14	28,293.75	4,332.61
12/31/2025	27,347.50	1,214.64	28,562.14	28,389.07	(173.07)
12/31/2026	26,897.50	1,178.23	28,075.73	27,973.44	(102.29)
12/31/2027	21,522.50	1,143.24	22,665.74	28,046.87	5,381.13
12/31/2028	21,222.50	1,121.32	22,343.82	28,098.44	5,754.62
12/31/2029	20,922.50	1,099.74	22,022.24	28,128.13	6,105.89
12/31/2030	20,622.50	1,078.96	21,701.46	28,135.94	6,434.48
12/31/2031	25,303.75	1,057.50	26,361.25	28,121.88	1,760.63
12/31/2032	20,017.50	1,025.90	21,043.40	28,085.94	7,042.54
12/31/2033	24,712.50	1,006.37	25,718.87	28,028.13	2,309.26
12/31/2034	24,330.00	976.03	25,306.03	27,948.44	2,642.41
12/31/2035	23,940.00	948.06	24,888.06	28,335.94	3,447.88
12/31/2036	28,485.00	919.96	29,404.96	28,190.63	(1,214.33)
12/31/2037	27,950.00	883.47	28,833.47	28,023.44	(810.03)
12/31/2038	27,400.00	853.91	28,253.91	27,834.38	(419.53)
12/31/2039	26,850.00	837.50	27,687.50	28,112.50	425.00
12/31/2040	26,300.00	785.33	27,085.33	27,857.81	772.48
12/31/2041	25,750.00	732.74	26,482.74	28,070.31	1,587.57
12/31/2042	20,268.75	686.18	20,954.93	28,239.06	7,284.13
12/31/2043	19,856.25	652.94	20,509.19	27,875.00	7,365.81
12/31/2044	24,350.00	616.31	24,966.31	27,978.13	3,011.82
12/31/2045	23,750.00	567.50	24,317.50	28,037.51	3,720.01
12/31/2046	23,150.00	519.21	23,669.21	28,053.13	4,383.92
12/31/2047	27,475.00	463.31	27,938.31	28,025.00	86.69
12/31/2048	26,725.00	389.29	27,114.29	27,953.13	838.84
12/31/2049	21,050.00	339.77	21,389.77	27,837.51	6,447.74
12/31/2050	25,375.00	289.77	25,664.77	29,634.38	3,969.61
Total	\$724,697.92	\$25,474.39	\$750,172.31	\$843,909.45	\$93,737.14

	Refunded	Refunded					Refunded
Date	Bonds	Interest	D/S To Call	Principal	Coupon	Interest	D/S
12/01/2020							
12/04/2020	470,000.00	8,739.06	478,739.06				
01/01/2021				8,000.00	4.375%	10,281.25	18,281.25
07/01/2021						10,106.25	10,106.25
01/01/2022				8,000.00	4.375%	10,106.25	18,106.25
07/01/2022						9,931.25	9,931.25
01/01/2023				8,500.00	4.375%	9,931.25	18,431.25
07/01/2023						9,745.31	9,745.31
01/01/2024				9,000.00	4.375%	9,745.31	18,745.31
07/01/2024						9,548.44	9,548.44
01/01/2025				9,500.00	4.375%	9,548.44	19,048.44
07/01/2025						9,340.63	9,340.63
01/01/2026				9,500.00	4.375%	9,340.63	18,840.63
07/01/2026						9,132.81	9,132.81
01/01/2027				10,000.00	4.375%	9,132.81	19,132.81
07/01/2027						8,914.06	8,914.06
01/01/2028				10,500.00	4.375%	8,914.06	19,414.06
07/01/2028						8,684.38	8,684,38
01/01/2029				11,000.00	4.375%	8,684.38	19,684.38
07/01/2029				,		8,443.75	8,443.75
01/01/2030				11,500.00	4.375%	8.443.75	19,943.75
07/01/2030				,		8,192.19	8,192.19
01/01/2031				12,000.00	4.375%	8,192,19	20,192.19
07/01/2031				12,000.00	4.515.4	7,929.69	7,929.69
01/01/2032				12,500.00	4.375%	7,929,69	20,429,69
07/01/2032				12000.00	4.010.4	7,656.25	7,656.25
01/01/2033				13,000.00	4.375%	7,656.25	20,656.25
07/01/2033				13,000.00	4.37374	7,371.88	7,371.88
01/01/2034				13,500.00	4.375%	7,371.88	20,871.88
07/01/2034				13,500.00	4.37374	7,076.56	7.076.56
01/01/2035				14,500.00	4.375%	7,076.56	21,576.56
07/01/2035				14,500.00	4.37374	6.759.38	6,759.38
01/01/2036				15,000.00	4.375%	6,759.38	21,759.38
07/01/2036				13,000.00	4.37374	6,431.25	6,431,25
01/01/2036				15,500.00	4.375%	6,431.25	21,931.25
07/01/2037				15,500.00	4.37374	6,092.19	6.092.19
01/01/2038				16,000.00	4.375%	6,092.19	22,092,19
07/01/2038				10,000.00	4.37376	5,742.19	5,742.19
01/01/2039				17,000.00	4.375%	5,742.19	22,742.19
				17,000.00	4.37376		
07/01/2039				17 500 00	4.2266/	5,370.31	5,370.31
01/01/2040 07/01/2040				17,500.00	4.375%	5,370.31	22,870.31 4,987.50
						4,987.50	
01/01/2041				18,500.00	4.375%	4,987.50	23,487.50

Date	Refunded Bonds	Refunded Interest	D/S To Call	Principal	Coupon	Interest	Refunded D/S
07/01/2041						4,582.81	4,582.81
01/01/2042				19,500.00	4.375%	4,582.81	24,082.81
07/01/2042						4,156.25	4,156.25
01/01/2043				20,000.00	4.375%	4,156.25	24,156.25
07/01/2043						3,718.75	3,718.75
01/01/2044				21,000.00	4.375%	3,718.75	24,718.75
07/01/2044						3,259.38	3,259.38
01/01/2045				22,000.00	4.375%	3,259.38	25,259.38
07/01/2045						2,778.13	2,778.13
01/01/2046				23,000.00	4.375%	2,778.13	25,778.13
07/01/2046						2,275.00	2,275.00
01/01/2047				24,000.00	4.375%	2,275.00	26,275.00
07/01/2047						1,750.00	1,750.00
01/01/2048				25,000.00	4.375%	1,750.00	26,750.00
07/01/2048						1,203.13	1,203.13
01/01/2049				26,000.00	4.375%	1,203.13	27,203.13
07/01/2049						634.38	634.38
01/01/2050				29,000.00	4.375%	634.38	29,634.38
Total	\$470,000.00	\$8,739.06	\$478,739.06	\$470,000.00		\$373,909.45	\$843,909,45

# Schedule III – Debt Service Comparison and Descriptive Information for the Kentucky Rural Water Finance Corporation Public Project Refunding Revenue Bonds, Series 2012C

### **Debt Service Comparison**

			Existing			
Date	Total P+I	Expenses	D/S	Net New D/S	Old Net D/S	Savings
12/31/2020						-
12/31/2021	44,271.67	820.97	50,750.00	95,842.64	100,788.76	4,946.12
12/31/2022	90,432.50	3,539.77		93,972.27	104,135.01	10,162.74
12/31/2023	93,707.50	3,398.99		97,106.49	102,402.51	5,296.02
12/31/2024	91,907.50	3,245.45	-	95,152.95	100,635.63	5,482.68
12/31/2025	95,032.50	3,091.65		98,124.15	103,715.00	5,590.85
12/31/2026	93,082.50	2,925.00		96,007.50	101,637.50	5,630.00
12/31/2027	91,132.50	2,757.93	-	93,890.43	99,485.00	5,594.57
12/31/2028	94,107.50	2,589.66		96,697.16	102,041.25	5,344.09
12/31/2029	87,082.50	2,409.70		89,492.20	99,343.75	9,851.55
12/31/2030	90,057.50	2,240.76		92,298.26	101,630.00	9,331.74
12/31/2031	88,220.00	2,059.17		90,279.17	98,900.00	8,620.83
12/31/2032	91,551.25	1,874.73		93,425.98	101,072.50	7,646.52
12/31/2033	89,732.50	1,676.96		91,409.46	98,147.50	6,738.04
12/31/2034	92,755.00	1,475.81		94,230.81	100,125.00	5,894.19
12/31/2035	95,610.00	1,257.40	-	96,867.40	101,907.50	5,040.10
12/31/2036	88,465.00	1,024.17	-	89,489.17	98,550.00	9,060.83
12/31/2037	91,256.25	794.35		92,050.60	100,050.00	7,999.40
12/31/2038	93,850.00	536.71	_	94,386.71	101,350.00	6,963.29
12/31/2039	96,306.25	237.50		96,543.75	102,450.00	5,906.25
Total	\$1,698,560.42	\$37,956.68	\$50,750.00	\$1,787,267.10	\$1,918,366.91	\$131,099.81

### **Debt Service To Maturity And To Call**

	Refunded	Refunded					Refunded
Date	Bonds	Interest	D/S To Call	Principal	Coupon	Interest	D/S
12/01/2020							
02/01/2021	1,300,000.00	24,078.13	1,324,078.13		3.000%	24,078.13	24,078.13
08/01/2021						24,078.13	24,078.13
02/01/2022				55,000.00	3.000%	24,078.13	79,078.13
08/01/2022						23,253.13	23,253.13
02/01/2023				55,000.00	3.000%	23,253.13	78,253.13
08/01/2023						22,428.13	22,428.13
02/01/2024				55,000.00	3.125%	22,428,13	77,428.13
08/01/2024						21,568.75	21,568.75
02/01/2025				60,000.00	3.250%	21,568.75	81,568.75
08/01/2025						20,593.75	20,593.75
02/01/2026				60,000.00	3.375%	20,593.75	80,593.75
08/01/2026						19,581.25	19,581.25
02/01/2027				60,000.00	3.500%	19,581.25	79,581.25
08/01/2027						18,531.25	18,531.25
02/01/2028				65,000.00	4.000%	18,531.25	83,531.25
08/01/2028						17,231.25	17,231.25
02/01/2029				65,000.00	4.000%	17,231.25	82,231.25
08/01/2029						15,931.25	15,931.25
02/01/2030				70,000.00	3.750%	15,931.25	85,931.25
08/01/2030						14,618.75	14,618.75
02/01/2031				70,000.00	3.750%	14,618.75	84,618.75
08/01/2031						13,306.25	13,306.25
02/01/2032				75,000.00	3.750%	13,306.25	88,306.25
08/01/2032						11,900.00	11,900.00
02/01/2033				75,000.00	3.750%	11,900.00	86,900.00
08/01/2033						10,493.75	10,493.75
02/01/2034				80,000.00	3.750%	10,493.75	90,493.75
08/01/2034						8,993.75	8,993.75
02/01/2035				85,000.00	3.750%	8,993.75	93,993.75
08/01/2035						7,400.00	7,400.00
02/01/2036				85,000.00	4.000%	7,400.00	92,400.00
08/01/2036						5,700.00	5,700.00
02/01/2037				90,000.00	4.000%	5,700.00	95,700.00
08/01/2037						3,900.00	3,900.00
02/01/2038				95,000.00	4.000%	3,900.00	98,900.00
08/01/2038						2,000.00	2,000.00
02/01/2039				100,000.00	4.000%	2,000.00	102,000.00
Total	\$1,300,000.00	\$24,078.13	\$1,324,078,13	\$1,300,000,00		\$547,096,91	\$1,847,096,91