TOWN OF TIMNATH, COLORADO RESOLUTION NO. 78, SERIES 2021

A RESOLUTION APPROVING AN AMENDMENT TO THE AMENDED AND RESTATED MODEL SERVICE PLAN FOR SERRATOGA FALLS METROPOLITAN DISTRICT NOS. 1 AND 3, AND AUTHORIZING AN AMENDMENT OF THE INTERGOVERNMENTAL AGREEMENT BETWEEN THE TOWN OF TIMNATH AND DISTRICT NOS. 1 AND 3

WHEREAS, the Town Council of the Town of Timnath ("Town") pursuant to C.R.S. § 31-15-103, has the power to pass resolutions;

WHEREAS, pursuant to Section 32-1-204.5, C.R.S., as amended, and the Timnath Special District Policy, an Amendment (the "Service Plan Amendment") to the previously approved Amended and Restated Service Plan dated April 26, 2016 (the "Service Plan") for Serratoga Falls Metropolitan District Nos. 1 and 3 (collectively, the "Districts") has been submitted to the Town Council;

WHEREAS, the Service Plan Amendment revises the boundaries of District Nos. 1 and 3, so that Pursuant to the Service Plan Amendment, District No. 1 will include that area platted as Serratoga Falls Filing 3, and Tract C of Serratoga Falls Filing 2. In addition, District No. 3 will include all of that area platted as Serratoga Falls Filing 2, except for Tract C;

WHEREAS, the Service Plan Amendment revises cost estimates of the public improvements for those areas within the revised District No. 1 boundary;

WHEREAS, the Service Plan Amendment to the revises the maximum debt limit to reflect the increased costs of the public improvements for District No. 1;

WHEREAS, pursuant to the provisions of Article 1, Title 32, Colorado Revised Statutes, as amended (the "Special District Act"), and the Timnath Special District Policy, the Town Council held a public hearing on the Service Plan Amendment for the Districts;

WHEREAS, notice of the hearing before the Town Council was duly published in the Coloradoan, a newspaper of general circulation within the Town, on November 23, 2021 as required by law, and forwarded to the petitioners and owners of record of all property within the proposed Districts as such owners were listed in the records of the County Assessor on November 23, 2021;

WHEREAS, the Town Council has considered the Service Plan Amendment and all other testimony and evidence presented at the hearing;

WHEREAS, the Town Council finds that the Service Plan Amendment should be approved, as permitted by Sections 32-1-203(2) and 32-1-204.5(1)(a), C.R.S., as amended, and the Timnath Special District Policy;

WHEREAS, the Town Council further finds that it is in the best interests of the residents of the Town to amend the previously approved Intergovernmental Agreement between the Town and the Districts dated November 8, 2016 (the "IGA") with the Districts for the purpose of assigning the relative rights and responsibilities between the Town and the Districts with respect to certain functions, operations, and obligations of the District (the "IGA Amendment");

WHEREAS, the IGA Amendment adds an initial operations fee of up to \$1,200 per residence within the boundaries of District No. 1, and an annual CPI escalator;

WHEREAS, the IGA Amendment consents to the exclusion of Tract C from District No. 1, without its inclusion into District No. 3, since Tract C is for commercial development and the residential mill levy will make Tract C unmarketable.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF TIMNATH, COLORADO AS FOLLOWS:

Section 1.

The Town Council hereby determines that all of the requirements of the Special District Act and the Timnath Special District Policy relating to the amending the Service Plan for the Districts and the IGA have been fulfilled and that notice of the public hearing was given in the time and manner required by law.

Section 2.

The Town Council further determines that all pertinent facts, matters and issues were submitted at the public hearing, that all interested parties were heard or had the opportunity to be heard and that evidence satisfactory to the Town Council of each of the following was presented:

- a. There is sufficient existing and projected need for organized service in the area to be serviced by the Districts;
- b. The existing service in the area to be served by the Districts is inadequate for present and projected needs;
- c. The Districts are capable of providing economical and sufficient service to the area within their proposed boundaries;
- d. The area to be included in the Districts have, or will have, the financial ability to discharge the proposed indebtedness on a reasonable basis.

Section 3.

The Town Council hereby approves the Service Plan Amendment and the IGA Amendment as submitted.

Section 4.

The Mayor and the Town Clerk are hereby authorized to execute, on behalf of the Town, the Service Plan Amendment and the IGA Amendment in substantially the form presented attached hereto, with such technical additions, deletions, and variations as the Town Attorney may deem necessary or appropriate and not inconsistent with this Resolution.

Section 5.

The Districts shall not be authorized to incur any additional bonded indebtedness until such time as the Districts have approved and executed the the IGA Amendment.

Section 6.

This Resolution shall be filed in the records of the Town and a certified copy thereof submitted to the petitioners for the Districts.

Section 7.

All prior resolutions or any parts thereof, to the extent that they are inconsistent with this Resolution, are hereby rescinded.

INTRODUCED, MOVED, AND ADOPTED BY THE TOWN COUNCIL OF THE TOWN OF TIMNATH, ON DECEMBER 14, 2021.

TOWN OF TIMNATH, COLORADO

Mark J. Soukup, Mayor

ATTEST:

Milissa Peters-Garcia, CMC

Town Clerk

AMENDMENT TO

AMENDED AND RESTATED MODEL SERVICE PLAN FOR

SERRATOGA FALLS METROPOLITAN DISTRICT NOS. 1 AND 3

Prepared

by

SPENCER FANE LLP 1700 LINCOLN STREET DENVER, COLORADO 80203

November 18, 2021

INTRODUCTION

Serratoga Falls Metropolitan District No. 1 ("District No. 1") and Serratoga Falls Metropolitan District No. 3 ("District No. 3" and together with District No. 1, the "Districts") are quasi-municipal corporations and political subdivisions of the State of Colorado (the "State") located in the Town of Timnath, Colorado (the "Town"). The Town approved the original Service Plan for the Districts (and Serratoga Falls Metropolitan District No. 2) on March 9, 2006, and the Amended and Restated Model Service Plan for the Districts on April 1, 2016 (as so amended, the "Service Plan").

This Amendment to Amended and Restated Model Service Plan (this "Amendment") is submitted pursuant to Title 32, Article 1, C.R.S., and the Town's requirements. Capitalized terms used but not otherwise defined in this Amendment have the meanings set forth in the Service Plan.

I. PURPOSES OF AMENDMENT

The purpose of this Amendment is to make certain changes to the following provisions: to (i) recognize that the Districts have been reconfigured, as expressly permitted by the Service Plan, so that District No. 1 now is expected to include residential and commercial taxable property and, for clarity, to replace the Initial District and Inclusion Area Boundary Map set forth as **Exhibit C** to the Service Plan with a new **Exhibit C** (**Revised**), reflecting the current boundaries of the Districts; (ii) revise the cost estimates of the Public Improvements for District No. 1 set forth in Section V.C of the Service Plan due to the passage of time, significantly increased costs of construction and changes to the capital plan and to replace the Preliminary Engineering Survey set forth in **Exhibit E** to the Service Plan with a new **Exhibit E** (**Revised**) attached hereto, reflecting such changes; and (iii) revise the maximum debt limit set forth in Section VI.A of the Service Plan to recognize the increased costs of the Public Improvements for District No. 1 and increased projections for assessed valuation.

II. REVISIONS TO EXHIBIT C

Exhibit C of the Service Plan setting forth the Initial District and Inclusion Area Boundary Map is hereby amended by **Exhibit C** (**Revised**) attached hereto and incorporated herein by reference.

III. REVISIONS TO SECTION V.C AND EXHIBIT E

Exhibit E of the Service Plan attaching and cost estimates of Public Improvements is hereby amended by **Exhibit E** (**Revised**) attached hereto and incorporated herein by reference. As set forth in **Exhibit E** (**Revised**), the estimated cost of the Public Improvements for District No. 1 is \$34,914,006.80.

IV. REVISIONS TO SECTION V.A.10 and VI.A.

Sections V.A.10 and VI.A of the Service Plan set forth a total Debt limit for the Districts of \$16,000,000. By this Amendment, the Debt limit for District No. 1, independent of any debt issued by District No. 3, shall be \$25,000,000, which allows for

approximately 110% coverage of the estimated financial plan and pro-forma projections to provide an additional contingency for changes in actual construction, increases in assessed valuation and unforeseen changes and contingencies.

V. EFFECT OF AMENDMENT

Except as specifically modified herein, the Service Plan remains in full force and effect.

VI. RESOLUTION OF APPROVAL

The District incorporates in this Amendment the Resolution of the Town Council for the Town of Timnath approving this Amendment, including any conditions of approval.

EXHIBIT C (REVISED)

(Attached)

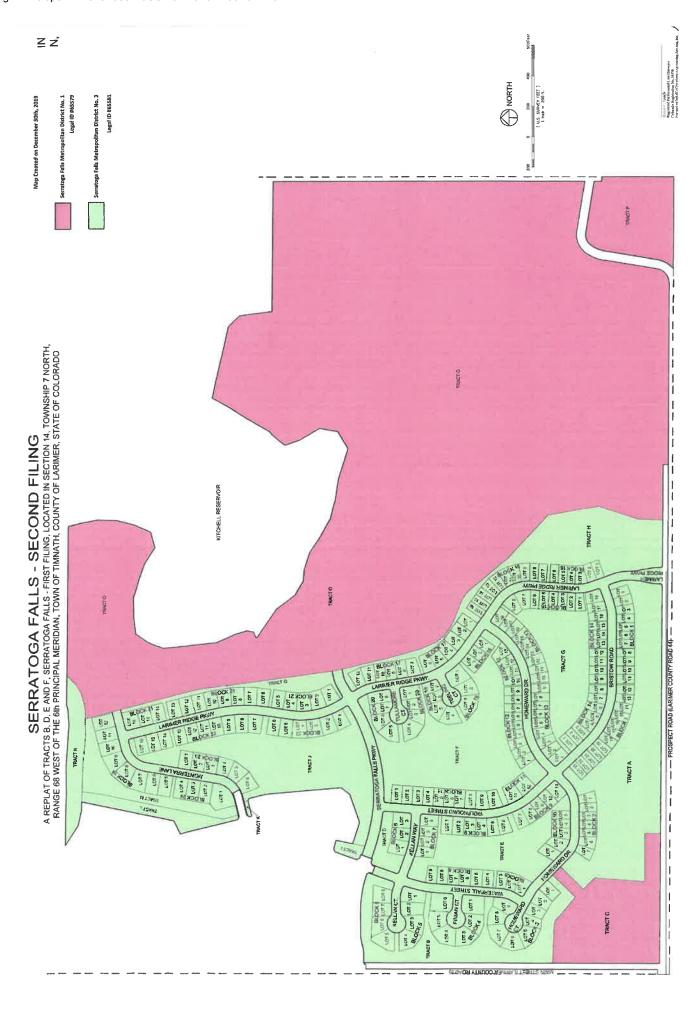


EXHIBIT E (REVISED)

(Attached)



SUMMARY ESTIMATE OF PRELIMINARY DISTRICT EXPENDITURES

February 8, 2021 PUBLIC IMPROVEMENT COSTS FOR KITCHEL METRO DISTRICT COMBINED AREA - 170.838 ACRES

Summary of Costs		
Grading/Miscellaneous	\$	2,149,787.80
Roadway Improvements	\$	7,424,441.00
Portable Waterline Improvements	\$	1,796,229.00
Sanitary Sewer Improvements	\$	2,058,121.00
Storm Drainage Improvements	\$	2,071,526.00
Non-Potable Irrigation Improvements	\$	1,675,424.00
Open Space, Parks, and Trails	\$	3,664,477.00
Admin. / Design / Permitting / Etc.	\$	9,520,000.00
Infrastructure Sul	ototal \$	30,360,005.80
Contingency	(15%) \$	4,554,001.00
Total	Cost \$	34,914,006.80

I. Grading/Miscellaneous I.1 Mobilization / General Conditions 1 LS \$250,000.00 \$ I.2 Clearing and Grubbing 171 Ac \$310.00 \$ I.3 Topsoil Stripping (Assume 4" depth) 73,604 CY \$1.95 \$	250,000.00 53,010.00 143,527.80 1,103,250.00
I.2 Clearing and Grubbing 171 Ac \$310.00 \$ I.3 Topsoil Stripping (Assume 4" depth) 73,604 CY \$1.95 \$	53,010.00 143,527.80
I.3 Topsoil Stripping (Assume 4" depth) 73,604 CY \$1.95 \$	143,527.80
	1.103.250.00
I.4 Earthwork (cut/fill/place) 441,300 CY \$2.50 \$	_,,
I.5 Erosion Control / Traffic Control 1 LS \$600,000.00 \$	600,000.00
Subtotal \$	2,149,787.80
II. Roadway Improvements	
II.1 Private Drive 7,054 LF \$34.00 \$	239,836.00
II.2 Local Residential Street (58' Section) 14,740 LF \$280.00 \$	4,127,200.00
II.3 Local Commercial Street (67' Section) 2,335 LF \$270.00 \$	630,450.00
II.4 Major Collector (120' Section) 4,866 LF \$330.00 \$	1,605,780.00
II.5 Cul-de-sacs 3 EA \$20,600.00 \$	61,800.00
II.6 Street Lighting 1 LS \$250,000.00 \$	250,000.00
II.7 Signing and Striping 1 LS \$150,000.00 \$	150,000.00
Amenities	
II.8 • Regional Enhancements/Monumentations 1 LS \$359,375.00 \$	359,375.00
Subtotal \$	7,424,441.00
III. Potable Waterline Improvements	
III.1 8" Waterline 16,444 LF \$78.00 \$	1,282,632.00
III.2 12" Waterline 4,627 LF \$111.00 \$	513,597.00
Subtotal \$	1,796,229.00
IV. Sanitary Sewer Improvements	
IV.1 8" Sanitary Sewer 12,265 LF \$121.00 \$	1,484,065.00



SUMMARY ESTIMATE OF PRELIMINARY DISTRICT EXPENDITURES

February 8, 2021

PUBLIC IMPROVEMENT COSTS FOR

KITCHEL METRO DISTRICT

COMBINED AREA - 170.838 ACRES

IV.2						
	12" Sanitary Sewer	4,221	LF	\$136.00	\$	574,056.00
	Subtotal				\$	2,058,121.00
V.	Storm Drainage Improvements					
V.1	8" HDPE Underdrain	16,486	LF	\$54.00	\$	890,244.00
V.2	12" HDPE Storm Sewer	•	LF	\$68.00		40,120.00
V.3	15" RCP Storm Sewer		LF	\$147.00	•	26,607.00
V.4	18" RCP Storm Sewer	1,464		\$162.00		237,168.00
V.5	24" RCP Storm Sewer	1,251		\$199.00		248,949.00
V.6	30" RCP Storm Sewer	502	LF	\$223.00	\$	111,946.00
V.7	36" RCP Storm Sewer	810	LF	\$253.00	\$	204,930.00
V.8	42" RCP Storm Sewer	746	LF	\$297.00	\$	221,562.00
V.9	Outlet Structure	9	EA	\$10,000.00	\$	90,000.00
	Subtotal				\$	2,071,526.00
VI.	Non-Potable Irrigation Improvements					
VI.1	Non-Potable Irrigation System Improvements	1	LS	\$897,435.00	\$	897,435.00
VI.2	Non-Potable Waterline Pumphouse	1	LS	\$587,029.00	\$	587,029.00
VI.3	18"/24" HDPE Irrigation	2,480	LF	\$77.00	\$	190,960.00
-	Subtotal				\$	1,675,424.00
VII.	Open Space, Parks and Trails					
VII.1	Natural Area Open Space	11	AC	\$1,500.00	\$	15,900.00
VII.2	Landscaped Open Space	25	AC	\$4,300.00		107,500.00
VII.3	Regional Soft Trails (6' Width)	6,710	LF	\$39.00		261,690.00
VII.4	Regional Concrete Trails (8' Width)	12,785	LF	\$112.00	\$	1,431,920.00
VII.5	Concrete Pan (2' Width)	4,721	LF	\$27.00	\$	127,467.00
	Amenities					,
VII.6	Clubhouse/Pool	1	LS	\$1,200,000.00	\$	1,200,000.00
VII.7	Beach	1	LS	\$100,000.00	\$	100,000.00
VII.8	• Dock	1	LS	\$100,000.00	\$	100,000.00
VII.9	Pocket Park and Park Amenities	2	EA	\$160,000.00	\$	320,000.00
	Subtotal				\$	3,664,477.00
VIII.	Admin. / Design / Permitting / Etc.					
VIII.1	Engineering / Surveying	1	LS	\$3,400,000.00	\$	3,400,000.00
VIII.2	Construction Management / Inspection / Testing	1	LS	\$5,100,000.00	\$	5,100,000.00
VIII.3	Admin. / Planning / Permitting	1	LS	\$1,020,000.00	\$	1,020,000.00
	Subtotal				\$	9,520,000.00
			Infras	tructure Subtotal	\$	30,360,005.80
				Combine /1F0/\	ተ	
			C	Contingency (15%)	Ф	4,554,001.00

[MULTIPLE DISTRICT SERVICE PLAN]

AMENDMENT TO INTERGOVERNMENTAL AGREEMENT BETWEEN

THE TOWN OF TIMNATH, COLORADO AND SERRATOGA FALLS METROPOLITAN DISTRICT NOS. 1 AND 3

THIS AMENDMENT is made and entered into as of this 14th day of December, 2021, by and between the TOWN OF TIMNATH, a home-rule municipal corporation of the State of Colorado ("Town"), and SERRATOGA FALLS METROPOLITAN DISTRICT NOS. 1 and 3, quasi-municipal corporations and political subdivisions of the State of Colorado (the "Districts"). The Town and District No. 1 are collectively referred to as the "Parties".

RECITALS

WHEREAS, the Districts were organized to provide those services and to exercise powers as are more specifically set forth in the Districts' Amended and Restated Service Plan approved by the Town on April 26, 2016 (as amended from time to time, the "Service Plan"); and

WHEREAS, the Service Plan makes reference to the execution of an intergovernmental agreement between the Town and the Districts, as required by the Timnath Town Code; and

WHEREAS, the Town and the Districts have entered into an Intergovernmental Agreement dated as of November 8, 2016 (the "IGA"), as amended by this Amendment (the "Amendment"); and

WHEREAS, Serratoga Falls Metropolitan District No. 1 ("District No. 1") has presented the Town with a proposed Amendment to the Service Plan dated as of November 18, 2021 (the "Service Plan Amendment"); and

WHEREAS, Section V.A.1 of the Service Plan provides "All operations and maintenance Fees and Fee increases shall be subject to review and approval by the Town" and District No. 1 desires to impose an annual Operations Fee not to exceed \$1,200 per lot, subject to adjustment as described below; and

WHEREAS, Tract C, Serratoga Falls, Second Filing, Town of Timnath, Larimer County, State of Colorado ("Tract C") is a commercial tract of property which was previously excluded from Serratoga Falls Metropolitan District No. 3 ("District No. 3") and included into District No. 1; and

WHEREAS, Serratoga Falls, LLC, the Developer of property within District No. 1 and owner of Tract C has determined that it is not economically viable to develop Tract C if it is subject to the mill levies imposed by District No. 1; and

WHEREAS, Section V.A.7 of the Service Plan requires the Districts to have Town consent prior to exclusion of property from within their collective boundaries and District No. 1 desires to exclude commercial property from the Districts; and

WHEREAS, the pro forma financial plan submitted to the Town on October 18, 2021 as part of the Service Plan Amendment did not include assessed valuation within Tract C in the projections of tax revenues available to service the debt to be issued by District No. 1.

NOW, THEREFORE, in consideration of the covenants and mutual agreements herein contained, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto agree as follows:

COVENANTS AND AGREEMENTS

- 1. <u>District No. 1 Operations and Maintenance Fee.</u> District No. 1 shall be allowed to assess an annual Operations Fee of up to \$1,200 against each platted lot, residential dwelling unit and/or non-residential lot within the boundaries of District No. 1 to pay for the costs associated with the operation and maintenance of public facilities to be built within the boundaries of District No. 1 which are owned, operated and maintained by District No. 1. Those operation and maintenance costs of District No. 1 shall be reasonably and rationally related to the costs associated with maintaining the amenities and public improvements permitted to be owned and operated by the District No. 1 by the Agreement and by Colorado law. The Operations Fee may be adjusted by the Board of Directors of District No. 1 in an amount not to exceed the rate of inflation as listed in the Denver-Boulder-Greeley Consumer Price Index (or its successor) for the preceding calendar year.
- 2. <u>Exclusion of Tract C from District No. 1</u>. The Town hereby consents to the exclusion of Tract C from District No. 1 without requiring such tract to be included into District No. 3.
- 3. <u>Ratification of Prior Agreement</u>. Except as expressly modified by this Amendment, all of the terms and provisions of the IGA are hereby ratified and confirmed and shall be binding upon the parties hereto, their successors and permitted assigns.
- 4. <u>Counterpart Execution</u>. This Amendment may be executed in counterparts, each of which may be deemed an original, but all of which together shall constitute one and the same instrument. Executed copies hereof may be delivered by facsimile or email of a PDF document, and, upon receipt, shall be deemed originals and binding upon the signatories hereto, and shall have the full force and effect of the original for all purposes, including the rules of evidence applicable to court proceedings.
- 5. Consent of District No. 3. Pursuant to Section 9 of the IGA, District No. 3 hereby consents to this Amendment, provided that the Parties acknowledge and agree that Section 1 of this Amendment does not authorize either of the Districts to impose Operations Fees within the boundaries of District No. 3.

[Signature Page Follows]

SERRATOGA FALLS METROPOLITAN DISTRICT NOS. 1 AND 3

	By:
Attest:	President
Secretary	
	TOWN OF TIMNATH, COLORADO
	DocuSigned by:
	By: Mark Soukup
	By: Mark Soukup Mark J. Soukup, Mayor
Attest:	
DocuSigned by:	
By: Milssa Peters-Garcia	
Milissa Peters-Garcia, CMC	
Town Clerk	
APPROVED AS TO LEGAL FORM:	
Lori Graham-West	
CON GIMPON- HOW	

Lori L. Graham, Town Attorney

S
- 60
_
-=
Š
0
$\overline{\mathbf{O}}$
_
4
0
a
3
10
>

Absorption Schedule

Product Offering Pricing (2021 \$)	offering 021 \$)	SFR 1 \$950,000	SFR 2 \$1,000,000	SFR 3 \$1,000,000	Appreciation/Yr Price (2021 \$)	3% \$950,000	3% %8 \$975,000	3% \$1,000,000	
	SE MI				A STATE OF THE PARTY OF THE PAR	SON LIVE			Total Market
Year	Total	SFR 1	SFR 2	SFR 3	Year	SFR 1	SFR 2	SFR 3	Value
2022	•				2022	\$0	0\$	\$0	0\$
2023	103	35	34	34	2023	\$35,274,925	\$35,168,835	\$36,070,600	\$106,514,360
2024	103	35	34	34	2024	\$36,333,173	\$36,223,900	\$37,152,718	\$109,709,791
2025	44	14	15	15	2025	\$14,969,267	\$16,460,566	\$16,882,632	\$48,312,466
2026	,				2026	\$	\$0	\$0	0\$
2027	1				2027	\$0	\$0	\$0	\$0
2028	1				2028	\$0	\$0	\$0	\$0
Total	250	84	83	83	Total	\$86,577,365	\$87,853,301	\$90,105,950	\$264,536,616

\$36,558,750 \$10,602,038	\$36,558,750	\$36,558,750	\$0	-\$36,558,750	\$36,558,750		Fotal
\$0	\$0	\$0		\$0	\$0	2028	
\$0	\$0	\$0		\$0	\$0	2027	
0\$	\$	\$0	\$0	-\$6,438,750	\$0	2026	
\$1,867,238	\$6,438,750	\$6,438,750		-\$15,060,000	\$6,438,750	2025	
\$4,367,400	\$15,060,000	\$15,060,000		-\$15,060,000	\$15,060,000	2024	
\$4,367,400	\$15,060,000	\$15,060,000		\$0	\$15,060,000	2023	
\$0	\$0	\$0		\$0	\$0	2022	
Value of	Value	Finished Lot	Adj.	Homes	Lots	Year	
Assessed	100% Lot	Cumulative		Less: Lots to	Value of New		

Preliminary Financing Analysis: Serratoga Metropolitan District Series 2022 Bonds

Projected AV - Future Residential

AV Set	Tax Rev Year	New Market Value Added	Market Value Added to Rolls Biennial (with Lag) Reassess	Biennial Reassessment	Cumulative Market Value	Assessed Value at 7.15% of Market	Assessed Value at 29.00% of Market	Total Assessed Value
2 2021	7 2022			0		0		0
3 2022	2 2023	0	0		J	0 0	0	0
4 2023	3 2024	106,514,360	0	0		0 0	4,367,400	4,367,400
5 2024	1 2025	109,709,791	106,514,360		106,514,360	7,615,777	4,367,400	11,983,177
6 2025	2026	48,312,466	109,709,791	6,390,862	222,615,012	15,916,973	1,867,238	17,784,211
7 2026	5 2027	0	48,312,466		270,927,478	3 19,371,315	0	19,371,315
8 2027	7 2028	0	0	16,255,649	287,183,127	20,533,594	0	20,533,594
9 2028	3 2029	0	0		287,183,127	20,533,594	0	20,533,594
10 2029	2030	0	0	17,230,988			0	21,765,609
11 2030	2031	0	0		304,414,114	1 21,765,609	0	21,765,609
12 2031	1 2032	0	0	18,264,847	322,678,961	23,071,546	0	23,071,546
13 2032	2033	0	0			23,071,546	0	23,071,546
14 2033	3 2034	0	0	19,360,738	342,039,699	24,455,838	0	24,455,838
15 2034	1 2035	0	0		342,039,699	24,455,838	0	24,455,838
16 2035	5 2036	0	0	20,522,382	362,562,081	25,923,189	0	25,923,189
17 2036	5 2037	0	0		362,562,081	25,923,189		25,923,189
18 2037	7 2038	0	0	21,753,725	384,315,806	5 27,478,580		27,478,580
19 2038	3 2039	0	0		384,315,806	5 27,478,580		27,478,580
20 2039	9 2040	0	0	23,058,948	407,374,754	1 29,127,295		29,127,295
21 2040	2041	0	0		407,374,754	1 29,127,295		29,127,295
22 2041	1 2042	0	0	24,442,485	431,817,239			30,874,933
23 2042	2043	0	0		431,817,239			30,874,933
24 2043	3 2044	0	0	25,909,034	457,726,274			32,727,429
25 2044		0	0		457,726,274			32,727,429
26 2045	5 2046	0	0	27,463,576	485,189,850	34,691,074		34,691,074
27 2046	5 2047	0	0		485,189,850	34,691,074		34,691,074
28 2047	7 2048	0	0	29,111,391	514,301,241	36,772,539		36,772,539
29 2048	3 2049	0	0		514,301,241	36,772,539		36,772,539
30 2049	3 2050	0	0	30,858,074	545,159,315	38,978,891		38,978,891
31 2050	2051	0	0		545,159,315	38,978,891		38,978,891
32 2051	1 2052	0	0	32,709,559		41,317,625		41,317,625
33 2052	2053				577,868,874	41,317,625		41,317,625
34 2053	3 2054			34,672,132	612,541,007	43,796,682		43,796,682
35 2054	1 2055				612,541,007	43,796,682		43,796,682
36 2055	3020	-3		36,752,460	649,293,467	46,424,483		46,424,483
37 2056	5 2057				649,293,467	46,424,483		46,424,483
38 2057	2058	×		38,957,608	688,251,075	49,209,952		49,209,952
39 2058	3 2059				688,251,075	49,209,952		49,209,952
40 2059	3 2060			41,295,065	729,546,140	52,162,549		52,162,549
41 2060	2061				729,546,140	52,162,549		52,162,549
1000	2000			OJL CLT CA	900 916 577	כטב בסב שם		100 100

Preliminary Financing Analysis: Serratoga Metropolitan District Series 2022 Bonds

Projected Revenues - Future Residential

		Tax Rev	Assessed	Service	Levy	Taxes at	collection	Total Tax		Total
\ لا	AV Set Year	Year	Value	Mill Levy	Collections	7.00%	Charge	Revenue	Other	Revenue
7	2021	2022		0 44.531		0	0 0	0 0		0
m	2022	2023		0 44.531		0	0 0	0		0
4	2023	2024	4,367,400	0 44.531	193,514	4 13,546	078,7- 870	199,190		199,190
Ŋ	2024	2025	11,983,177	7 44.531	1 530,960	37,167	7 -14,619	553,508		553,508
9	2025	2026	17,784,211	1 44.531	787,997	7 55,160	0 -19,760	823,397		823,397
1	2026	2027	19,371,315	5 44.531	858,320	0 60,082	2 -21,166	897,236		897,236
œ	2027	2028	20,533,594	4 44.531	909,819	9 63,687	7 -22,196	951,310		951,310
თ	2028	2029	20,533,594	4 44.531	909,819	9 63,687	7 -22,196	951,310		951,310
9	2029	2030	21,765,609	9 44.531	964,408	8 67,509	9 -23,288	1,008,629		1,008,629
11	2030	2031	21,765,609	9 44.531	964,408	8 67,509	9 -23,288	1,008,629		1,008,629
12	2031	2032	23,071,546	6 44.531	1,022,273	3 71,559	9 -24,445	1,069,386		1,069,386
13	2032	2033	23,071,546	5 44.531	1,022,273	3 71,559	9 -24,445	1,069,386		1,069,386
14	2033	2034	24,455,838	8 44.531	1,083,609	9 75,853	3 -25,672	1,133,790		1,133,790
15	2034	2035	24,455,838	8 44.531	1,083,609	9 75,853	3 -25,672	1,133,790	_	1,133,790
16	2035	2036	25,923,189	9 44.531	1,148,626	5 80,404	4 -26,973	1,202,057		1,202,057
17	2036	2037	25,923,189	9 44.531	1,148,626	5 80,404	4 -26,973	1,202,057		1,202,057
18	2037	2038	27,478,580	0 44.531	1,217,543	3 85,228	8 -28,351	1,274,420		1,274,420
13	2038	2039	27,478,580	0 44.531	1,217,543	3 85,228	8 -28,351	1,274,420		1,274,420
20	2039	2040	29,127,295	5 44.531	1,290,596	5 90,342	2 -29,812	1,351,126		1,351,126
21	2040	2041	29,127,295	5 44.531	1,290,596	5 90,342	2 -29,812	1,351,126		1,351,126
22	2041	2042	30,874,933	3 44.531	1,368,032	2 95,762	2 -31,361	1,432,433		1,432,433
23	2042	2043	30,874,933	3 44.531	1,368,032	2 95,762	2 -31,361	1,432,433		1,432,433
24	2043	2044	32,727,429	9 44.531	1,450,113	3 101,508	8 -33,002			1,518,619
25	2044	2045	32,727,429	9 44.531	1,450,113	3 101,508	8 -33,002	1,518,619		1,518,619
26	2045	2046	34,691,074	4 44.531	1,537,120	0 107,598	8 -34,742	1,609,976		1,609,976
27	2046	2047	34,691,074	4 44.531	1,537,120	0 107,598	8 -34,742	1,609,976		1,609,976
28	2047	2048	36,772,539	9 44.531	1,629,347		4 -36,587	1,706,815		1,706,815
29	2048	2049	36,772,539	9 44.531	1,629,347	7 114,054	4 -36,587	1,706,815		1,706,815
30	2049	2050	38,978,891	1 44.531	1,727,108	8 120,898	8 -38,542	1,809,464		1,809,464
31	2050	2051	38,978,891	1 44.531	1,727,108	8 120,898	8 -38,542	1,809,464		1,809,464
32	2051	2022	41,317,625	5 44.531	1,830,735	5 128,151	1 -40,615	1,918,272		1,918,272
33	202	2023	41,317,625	5 44.531	1,830,735	5 128,151	1 -40,615	1,918,272		1,918,272
34	2053	2054	43,796,682	2 44.531	1,940,579	135,841	1 -42,812	2,033,608		2,033,608
35	2054	2055	43,796,682	2 44.531	1,940,579	9 135,841	1 -42,812	2,033,608		2,033,608
36	2055	2056	46,424,483	3 44.531	2,057,014	143,991	1 -45,140	2,155,864		2,155,864
37	2056	2057	46,424,483	3 44.531	2,057,014	143,991	1 -45,140	2,155,864		2,155,864
38	2057	2058	49,209,952	2 44.531	2,180,434	152,630	0 -47,609	2,285,456		2,285,456
39	2058	2059	49,209,952	2 44.531	2,180,434	152,630	0 -47,609	2,285,456		2,285,456
40	2059	2060	52,162,549	9 44.531		1 161,788	8 -50,225			2,422,824
41	2060	2061	52,162,549	9 44 531	2 311 261	161 788	20002	ACS CCA C		A 433 834
Ì										4,444,04

Preliminary Financing Analysis: Serratoga Metropolitan District Series 2022 Bonds

Projected 2021 A3 Cash Flow, Debt Service and Coverage 4.250%

Available for Av	A S Interest	The Party of the P		Later & Later P	Delement of	-	7	Day of the last	The same of the same of		
199,19 823,39 823,39 837,23 951,31 1,008,62 1,008,63 1,133,79 1,133,79 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,09 1,351,12 1,351,12 1,432,43 1,432,43 1,518,61 1,518,61 1,518,61 1,509,97 1,706,81 1,70	Due	Ioward As bond Interest	Accrued Balance Interest	loward Accrued Interest	Balance of Accrued interest	I oward bond Unused Revenue Principal	BUOG	Bond Principal	Surpius Cash Flow to District	Total Payments	ments
199,19 823,39 823,39 897,23 951,31 1,008,62 1,008,63 1,133,79 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,351,12 1,351,12 1,432,43 1,432,43 1,518,61 1,518,61 1,518,61 1,706,81	0	0	0		0	0		22,455,000		0	0
199,19 823,39 827,33 897,23 951,31 1,008,62 1,008,62 1,008,63 1,133,79 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,202,05 1,432,43 1,432,43 1,518,61 1,609,97 1,706,81 1,70	0		0 0		0 0	0		22,455,000		0	0
	0 514,282		0 0		0 514,282	0	0	22,455,000		0	0
	0 954,338		0 21,857	J	0 1,490,476	0	0	22,455,000		0	0
	0 954,338	199,190	0 63,345		0 2,308,969	0	0	22,455,000		0	199,190
	8 954,338	8 553,508	8 98,131		0 2,807,929	0	0	22,455,000		0	553,508
	7 954,338	823,397	7 119,337)	0 3,058,207	0	0	22,455,000		0	823,397
	6 954,338	8 897,236	5 129,974		0 3,245,282	0	0	22,455,000		0	897,236
	0 954,338	8 951,310	137,924		0 3,386,234	0	0	22,455,000		0	951,310
	0 954,338	8 951,310	143,915	0	3,533,176	0	0	22,455,000		0	951,310
	9 954,338	8 954,338	3 150,160	54,291	3,629,045	0	0	22,455,000		0 1	1,008,629
	9 954,338	8 954,338	154,234	54,291	3,728,989	0	0	22,455,000		0 1	1,008,629
	6 954,338	8 954,338	8 158,482	115,049	3,772,422	0	0	22,455,000		0 1	1,069,386
		8 954,338	3 160,328	115,049	3,817,701	0	0	22,455,000		0 1	1,069,386
	0 954,338	8 954,338	8 162,252	179,452	3,800,501	0	0	22,455,000		0 1	1,133,790
	0 954,338	8 954,338	8 161,521	179,452	3,782,570	0	0	22,455,000		0 1	1,133,790
	7 954,338	8 954,338	8 160,759	247,719	3,695,610	0	0	22,455,000			1,202,057
	7 954,338	8 954,338	8 157,063		3,604,954	0	0	22,455,000		0	1,202,057
	0 954,338	8 954,338	8 153,211	320,083	3,438,081	0	0	22,455,000		0 1	1,274,420
		8 954,338	3 146,118	320,083	3,264,117	0	0	22,455,000		0 1	1,274,420
	6 954,338	8 954,338	3 138,725	396,788	3,006,054	0	0	22,455,000		0 1	1,351,126
	6 954,338	8 954,338	8 127,757	396,788	3 2,737,023	0	0	22,455,000		0 1	1,351,126
	3 954,338	8 954,338	8 116,323	478,096	3 2,375,251	0	0	22,455,000			1,432,433
	3 954,338	8 954,338	3 100,948	478,096	1,998,103	0	0	22,455,000		0 1	1,432,433
	9 954,338	8 954,338	8 84,919	564,282	1,518,741	0	0	22,455,000			1,518,619
	954,338	8 954,338	8 64,547	564,282	1,019,006	0	0	22,455,000			1,518,619
	6 954,338	8 954,338	3 43,308	622,639	406,675	0	0	22,455,000		0 1	1,609,976
	6 954,338	8 954,338	3 17,284	423,959		231,680	231,000	22,224,000			1,609,296
	5 944,520	0 944,520	0		0	762,295	762,000	21,462,000			1,706,520
	5 912,135		0		0	794,680	795,000	20,667,000			1,707,135
	4 878,348	8 878,348	0			931,116	931,000	19,736,000	177		1,809,348
	4 838,780		0	0	0	970,684	971,000	18,765,000) 455		1,809,780
	2 797,513	.3 797,513	3 0	0		1,120,759	1,121,000	17,644,000	214		1,918,513
	2 749,870	0 749,870	0	0		1,168,402	1,168,000	16,476,000) 615		1,917,870
	8 700,230	0 700,230	0	0		1,333,378	1,333,000	15,143,000	O.		2,033,230
2055 2,033,608	8 643,578	8 643,578	3	0	0	1,390,030	1,391,000	13,752,000) 23		2,034,578
2056 2,155,864	4 584,460	0 584,460	0	0	0	1,571,404	1,571,000	12,181,000) 428		2,155,460
2057 2,155,864	4 517,693	3 517,693	3 0	0	0	1,638,172	1,638,000	10,543,000	009 0		2,155,693
2058 2,285,456	6 448,078	8 448,078	3	0		1,837,379	1,837,000	8,706,000	978		2,285,078
2059 2,285,456	9370,005	5 370,005	0	0	0	1,915,451	1,916,000	6,790,000) 430		2,286,005
2060 2,422,824	4 288,575	5 288,575	9	0		2,134,249	2,134,000	4,656,000	929		2,422,575
2061 2,422,824	4 197,880		0	0	0	2,224,944	2,225,000	2,431,000	(1477 GBD
2062 2,568,433	3 103,318	8 103,318	0	0	0	2,465,115	2,431,000		0 34	TAS SECT	URITHES
.0/8/2021 58,809,861	1 33,347,699	9 30,529,007	7 2,972,424	5,791,117	2	22,489,737	22,455,000		V.I	BUD	

SOURCES AND USES OF FUNDS

Serratoga Metropolitan District (Kitchel) 2022 New Money Bond Sale A3 Structure ***** Preliminary Estimates *****

Dated Date 06/01/2022 Delivery Date 06/01/2022

Sources:	Series 2021 A3
Bond Proceeds:	
Par Amount	22,455,000.00
	22,455,000.00
Uses:	Series 2021 A3
Project Fund Deposits:	
New Money Proceeds	21,813,875.00
Delivery Date Expenses:	
Cost of Issuance	300,000.00
Underwriter's Discount	341,125.00
	641,125.00
	22,455,000.00

BOND SUMMARY STATISTICS

		Series 2021 A3	A3	Aggregate	
Dated Date Delivery Date Last Maturity		06/01/2022 06/01/2022 12/01/2062	022	06/01/2022 06/01/2022 12/01/2062	
Arbitrage Yield True Interest Cost (TIC) Net Interest Cost (NIC) All-In TIC Average Coupon		4.206961% 4.290888% 4.293523% 4.366279% 4.250000%	51% 88% 23% 79%	4.206961% 4.290888% 4.293523% 4.366279% 4.250000%	
Average Life (years) Duration of Issue (years)		34,	34.904 18.565	34.904 18.565	
Par Amount Bond Proceeds Total Interest Net Interest Total Debt Service Maximum Annual Debt Service Average Annual Debt Service		22,455,000.00 22,455,000.00 33,310,586.25 33,651,711.25 55,765,586.25 2,534,317.50 1,376,928.06	3.00 3.00 5.25 1.25 5.25 5.25 3.06	22,455,000.00 22,455,000.00 33,310,586.25 33,651,711.25 55,765,586.25 2,534,317.50 1,376,928.06	
Underwriter's Fees (per \$1000) Average Takedown Other Fee		15.000000	000	15.000000	
Total Underwriter's Discount		15.191494	494	15.191494	
Bid Price		98.480851	851	98.480851	
Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
A3 Cash Flow Bond 22,455,000.00		100.000	4.250%	34.904	42,889.05
22,455,000.00	00.000			34.904	42,889.05

BOND SUMMARY STATISTICS

Arbitrage Yield	22,455,000.00		22,455,000.00	06/01/2022 4.206961%
All-In TIC	22,455,000.00	-341,125.00 -300,000.00	21,813,875.00	06/01/2022 4.366279%
TIC	22,455,000.00	-341,125.00	22,113,875.00	06/01/2022 4.290888%
	Par Value + Accrued Interest	+ Premium (Discount)- Underwriter's Discount- Cost of Issuance Expense- Other Amounts	Target Value	Target Date Yield

BOND PRICING

Bond Component	Maturity Date	Amount	Rate	Yield	Price
A3 Cash Flow Bond					
	12/01/2047	231,000	4.250%	4.250%	100.000
	12/01/2048	762,000	4.250%	4.250%	100.000
	12/01/2049	795,000	4.250%	4.250%	100.000
	12/01/2050	931,000	4.250%	4.250%	100.000
	12/01/2051	971,000	4.250%	4.250%	100.000
	12/01/2052	1,121,000	4.250%	4.250%	100.000
	12/01/2053	1,168,000	4.250%	4.250%	100.000
	12/01/2054	1,333,000	4.250%	4.250%	100.000
	12/01/2055	1,391,000	4.250%	4.250%	100.000
	12/01/2056	1,571,000	4.250%	4.250%	100.000
	12/01/2057	1,638,000	4.250%	4.250%	100.000
	12/01/2058	1,837,000	4.250%	4.250%	100.000
	12/01/2059	1,916,000	4.250%	4.250%	100.000
	12/01/2060	2,134,000	4.250%	4.250%	100.000
	12/01/2061	2,225,000	4.250%	4.250%	100.000
	12/01/2062	2,431,000	4.250%	4.250%	100.000
		22,455,000			
Date	d Data	1	06/01/2022		
	Dated Date Delivery Date		06/01/2022		
	First Coupon		12/01/2022		
Par A	Par Amount		455,000.00		
	inal Issue Discount	<i></i> ,	133,000.00		
Prod	Production		22,455,000.00		
Unde	Underwriter's Discount		341,125.00	-1.519149%	
	Purchase Price Accrued Interest		113,875.00	98.480851%	
Net l	Proceeds	22,	113,875.00		

BOND DEBT SERVICE

Period					Annual
Ending	Principal	Coupon	Interest	Debt Service	Debt Service
44.104.104.00					
12/01/2022			477,168.75	477,168.75	488 4 40 88
12/15/2022			054 227 50	054 335 50	477,168.75
12/01/2023			954,337.50	954,337.50	054 005 50
12/15/2023			054 227 50	054 337 50	954,337.50
12/01/2024			954,337.50	954,337.50	054 227 50
12/15/2024 12/01/2025			054 227 50	054 227 50	954,337.50
12/01/2025			954,337.50	954,337.50	954,337.50
12/01/2026			954,337.50	054 227 50	934,337.30
12/15/2026			934,337.30	954,337.50	054 227 50
12/01/2027			954,337.50	954,337.50	954,337.50
12/15/2027			934,337.30	734,337.30	954,337.50
12/01/2028			954,337.50	954,337.50	934,337.30
12/15/2028			754,557.50	754,557.50	054 227 50
12/01/2029			954,337.50	954,337.50	954,337.50
12/15/2029			934,337.30	934,337.30	054 337 50
12/01/2030			954,337.50	954,337.50	954,337.50
12/15/2030			934,337.30	934,337.30	054 227 50
12/01/2031			954,337.50	954,337.50	954,337.50
12/15/2031			934,337.30	934,337.30	054 227 50
12/01/2032			954,337.50	954,337.50	954,337.50
12/15/2032			934,337.30	934,337.30	954,337.50
12/01/2033			954,337.50	954,337.50	934,337.30
12/15/2033			934,337.30	934,337.30	054 227 50
12/01/2034			954,337.50	954,337.50	954,337.50
12/15/2034			934,337.30	934,337.30	054 227 50
12/01/2035			054 227 50	054 227 50	954,337.50
12/01/2035			954,337.50	954,337.50	054 227 50
12/01/2036			954,337.50	954,337.50	954,337.50
12/15/2036			934,337.30	934,337.30	054 227 50
12/01/2037			954,337.50	954,337.50	954,337.50
12/15/2037			934,337.30	754,557.50	954,337.50
12/01/2038			954,337.50	954,337.50	934,337.30
12/15/2038			954,557.50	934,337.30	954,337.50
12/01/2039			954,337.50	954,337.50	934,337.30
12/15/2039			954,557.50	757,557.50	054 227 50
12/01/2040			954,337.50	954,337.50	954,337.50
12/15/2040			754,557.50	754,557.50	054 227 50
12/01/2041			954,337.50	954,337.50	954,337.50
12/15/2041			757,557.50	954,557.50	954,337.50
12/01/2042			954,337.50	954,337.50	934,331.30
12/15/2042			954,557.50	954,557.50	954,337.50
12/01/2043			954,337.50	954,337.50	934,337.30
12/01/2043			954,557.50	954,557.50	05/ 227 50
12/01/2044			954,337.50	954,337.50	954,337.50
12/15/2044			954,557.50	954,557.50	954,337.50
12/01/2045			954,337.50	954,337.50	754,557.50
12/15/2045			75-1,55 I.5V	70-T,007.00	954,337.50
12/01/2046			954,337.50	954,337.50	75 7 ,551.50
12/15/2046			70-1,00	70-1,007.00	954,337.50
12/01/2047	231,000	4.250%	954,337.50	1,185,337.50	757,357.30
12/15/2047	,	5070	,557.00	-,,00,.00	1,185,337.50
12/01/2048	762,000	4.250%	944,520.00	1,706,520.00	1,100,00,100
				-,,	

BOND DEBT SERVICE

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
12/15/2048					1,706,520.00
12/01/2049	795,000	4.250%	912,135.00	1,707,135.00	1,700,520.00
12/15/2049	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		712,100.00	1,707,100100	1,707,135.00
12/01/2050	931,000	4.250%	878,347.50	1,809,347.50	-,, -,,,
12/15/2050	,		,	-,,-	1,809,347.50
12/01/2051	971,000	4.250%	838,780.00	1,809,780.00	, .,
12/15/2051	,		,	, ,	1,809,780.00
12/01/2052	1,121,000	4.250%	797,512.50	1,918,512.50	
12/15/2052			•		1,918,512.50
12/01/2053	1,168,000	4.250%	749,870.00	1,917,870.00	, ,
12/15/2053					1,917,870.00
12/01/2054	1,333,000	4.250%	700,230.00	2,033,230.00	
12/15/2054					2,033,230.00
12/01/2055	1,391,000	4.250%	643,577.50	2,034,577.50	
12/15/2055					2,034,577.50
12/01/2056	1,571,000	4.250%	584,460.00	2,155,460.00	
12/15/2056					2,155,460.00
12/01/2057	1,638,000	4.250%	517,692.50	2,155,692.50	
12/15/2057					2,155,692.50
12/01/2058	1,837,000	4.250%	448,077.50	2,285,077.50	
12/15/2058					2,285,077.50
12/01/2059	1,916,000	4.250%	370,005.00	2,286,005.00	
12/15/2059					2,286,005.00
12/01/2060	2,134,000	4.250%	288,575.00	2,422,575.00	
12/15/2060					2,422,575.00
12/01/2061	2,225,000	4.250%	197,880.00	2,422,880.00	
12/15/2061					2,422,880.00
12/01/2062	2,431,000	4.250%	103,317.50	2,534,317.50	
12/15/2062					2,534,317.50
	22,455,000		33,310,586.25	55,765,586.25	55,765,586.25

BOND DEBT SERVICE

Period	.	~	•	51.5
Ending	Principal	Coupon	Interest	Debt Service
12/15/2022			477,168.75	477,168.75
12/15/2023			954,337.50	954,337.50
12/15/2024			954,337.50	954,337.50
12/15/2025			954,337.50	954,337.50
12/15/2026			954,337.50	954,337.50
12/15/2027			954,337.50	954,337.50
12/15/2028			954,337.50	954,337.50
12/15/2029			954,337.50	954,337.50
12/15/2030			954,337.50	954,337.50
12/15/2031			954,337.50	954,337.50
12/15/2032			954,337.50	954,337.50
12/15/2033			954,337.50	954,337.50
12/15/2034			954,337.50	954,337.50
12/15/2035			954,337.50	954,337.50
12/15/2036			954,337.50	954,337.50
12/15/2037			954,337.50	954,337.50
12/15/2038			954,337.50	954,337.50
12/15/2039			954,337.50	954,337.50
12/15/2040			954,337.50	954,337.50
12/15/2041			954,337.50	954,337.50
12/15/2042			954,337.50	954,337.50
12/15/2043			954,337.50	954,337.50
12/15/2044			954,337.50	954,337.50
12/15/2045			954,337.50	954,337.50
12/15/2046			954,337.50	954,337.50
12/15/2047	231,000	4.250%	954,337.50	1,185,337.50
12/15/2048	762,000	4.250%	944,520.00	1,706,520.00
12/15/2049	795,000	4.250%	912,135.00	1,707,135.00
12/15/2050	931,000	4.250%	878,347.50	1,809,347.50
12/15/2051	971,000	4,250%	838,780.00	1,809,780.00
12/15/2052	1,121,000	4.250%	797,512.50	1,918,512.50
12/15/2053	1,168,000	4.250%	749,870.00	1,917,870.00
12/15/2054	1,333,000	4.250%	700,230.00	2,033,230.00
12/15/2055	1,391,000	4.250%	643,577.50	2,034,577.50
12/15/2056	1,571,000	4.250%	584,460.00	2,155,460.00
12/15/2057	1,638,000	4.250%	517,692.50	2,155,692.50
12/15/2058	1,837,000	4.250%	448,077.50	2,285,077.50
12/15/2059	1,916,000	4.250%	370,005.00	2,286,005.00
12/15/2060	2,134,000	4.250%	288,575.00	2,422,575.00
12/15/2061	2,225,000	4.250%	197,880.00	2,422,880.00
12/15/2062	2,431,000	4.250%	103,317.50	2,534,317.50
	22,455,000		33,310,586.25	55,765,586.25

BOND MATURITY TABLE

Maturity Date	A3 Cash Flow Bond
12/01/2022	
12/01/2023	
12/01/2024	
12/01/2025	
12/01/2026	
12/01/2027	
12/01/2028	
12/01/2029	
12/01/2030	
12/01/2031	
12/01/2032	
12/01/2033	
12/01/2034	
12/01/2035	
12/01/2036	
12/01/2037	
12/01/2038	
12/01/2039	
12/01/2040	
12/01/2041	
12/01/2042	
12/01/2043	
12/01/2044	
12/01/2045	
12/01/2046	
12/01/2047	231,000
12/01/2048	762,000
12/01/2049	795,000
12/01/2050	931,000
12/01/2051	971,000
12/01/2052	1,121,000
12/01/2053	1,168,000
12/01/2054	1,333,000
12/01/2055	1,391,000
12/01/2056	1,571,000
12/01/2057	1,638,000
12/01/2058	1,837,000
12/01/2059	1,916,000
12/01/2060	2,134,000
12/01/2061	2,225,000
12/01/2062	2,431,000
	22,455,000

COST OF ISSUANCE

Cost of Issuance	\$/1000	Amount
COI	13.36005	300,000.00
	13.36005	300,000.00

UNDERWRITER'S DISCOUNT

Underwriter's Discount	\$/1000	Amount
Average Takedown	15.00000	336,825.00
DTC	0.03563	800.00
IPREO	0.08907	2,000.00
Cusips	0.02227	500.00
Other	0.04453	1,000.00
	15.19149	341,125.00

IMPORTANT DISCLOSURES

This document and any other materials accompanying this document (collectively, the 'Materials') are provided for general informational purposes only. By accepting any Materials, the recipient acknowledges and agrees to the matters set forth below.

Wells Fargo Securities ('WFS') is the trade name for certain securities-related capital markets and investment banking services of Wells Fargo & Company ('WFC') and its subsidiaries, including Wells Fargo Securities, LLC, member NYSE, FINRA, NFA, and SIPC and Wells Fargo Bank, National Association, acting through its Municipal Products Group. Municipal derivatives services are provided by Wells Fargo Bank, N.A. ('WFBNA'), a swap dealer registered with the CFTC and member of the NFA. Commercial banking products and services are provided by Wells Fargo Bank, N.A. Investment banking and capital markets products and services provided by Wells Fargo Securities, are not a condition to any banking product or service.

Wells Fargo Securities is providing these Materials to you for discussion purposes only in connection with serving as an underwriter or placement agent (collectively referred to herein as "underwriter") to you. As part of our services as underwriter, Wells Fargo Securities may provide advice concerning the structure, timing, terms, and other similar matters concerning the issue of municipal securities that Wells Fargo Securities proposes to underwrite as described in the Materials. The Materials may also contain such advice. Any such advice has been, and would be, provided by Wells Fargo Securities in the context of serving as an underwriter and not as your financial advisor. In our capacity as underwriter, our primary role is to purchase securities from you (or the issuer in the case of a conduit transaction) for resale to investors, or arrange for the placement of securities with investors on your behalf, in an arm's length commercial transaction between you and Wells Fargo Securities in which Wells Fargo Securities is acting solely as a principal or agent, as applicable, and not as a municipal advisor, financial advisor or fiduciary to you or any other person or entity regardless of whether we, or an affiliate has or is currently acting as such on a separate transaction (the use of the term "agent" does not imply any fiduciary relationship). As underwriter, Wells Fargo Securities' financial and other interests differ from your (or the issuer's) interests. The information in the Materials is not intended to be and should not be construed as "advice" within the meaning of Section 15B of the Securities Exchange Act of 1934. Wells Fargo Securities will not have any duties or liability to any person or entity in connection with the information being provided in the Materials. You should consult with your own financial and/or municipal, legal, accounting, tax, and other advisors, as applicable, to the extent you deem appropriate.

Please be advised that any information in the Materials regarding municipal derivatives is being provided by WFBNA as a swap dealer and that any swap offered or recommended in the Materials is being offered or recommended by WFBNA as a swap dealer.

If you would like a municipal advisor that has legal fiduciary duties to you, you are certainly free to engage a municipal advisor to serve in that capacity.

Any municipal underwriting, commercial paper and remarketing rankings referenced herein represent combined totals for Wells Fargo Bank, National Association, acting through its Municipal Products Group ('WFBNA MPG') and Wells Fargo Securities, LLC ('WFSLLC'). Non-municipal underwriting, commercial paper and remarketing rankings referenced herein represent totals for WFSLLC only. Source information for any ranking information not otherwise provided herein is available on request. Any rankings referencing competitive municipal new issues for time periods prior to 2011 include issues underwritten by Wells Fargo Clearing Services, LLC ('WFCS'), a separate broker-dealer subsidiary of WFC. Underwriting activities of WFCS are not managed or otherwise controlled by WFBNA MPG or WFSLLC. Information for 2009 and prior includes transactions that may have been underwritten by other broker-dealers that were acquired by WFC and/or its predecessors.

If the Materials are being provided to you under any of the following events, the information contained in the Materials and any subsequent discussions between us, including any and all information, advice, recommendations, opinions, indicative pricing, quotations and analysis with respect to any municipal financial product or issuance of municipal securities, are provided to you in reliance upon the Swap Dealer, Bank, RFP, IRMA exemptions and underwriter exclusion, as applicable, provided under the Muni Advisor Rules. In the event the Swap Dealer, Bank, RFP, IRMA exemptions, or underwriter exclusion do not apply, the information included in the Materials are provided in reliance on the general information exclusion to advice under the Muni Advisor Rules.

In the event that you have provided us with your written representation in form and substance acceptable to WFBNA that you are represented by a 'qualified independent representative' as defined in the Commodity Exchange Act ('CEA') with respect to any municipal derivative or trading strategy involving municipal derivatives described in the Materials, we have provided you with our written disclosure that we are not acting as an advisor to you with respect to the municipal derivative or trading strategy pursuant to Section 4s(h)(4) of the CEA and the rules and regulations thereunder, and have taken certain other steps to establish the 'Swap Dealer exemption' under the Muni Advisor Rules.

Any information related to a bank-purchased bond transaction ('Direct Purchase') included in the Materials is a product offering of WFBNA or a subsidiary thereof ('Purchaser') as purchaser / investor. WFS will not participate in any manner in any Direct Purchase transaction between you and Purchaser, and Wells Fargo employees involved with a Direct Purchase transaction are not acting on behalf of or as representatives of WFS. The information contained herein regarding Purchaser's Direct Purchase is being provided to you by WFS only for purposes of providing financing alternatives that may be available to you from WFC and its affiliates. Information contained in this document regarding Direct Purchase is for discussion purposes only in anticipation of engaging in arm's length commercial transactions with you in which Purchaser would be acting solely as a principal to purchase securities from you or a conduit issuer, and not as a municipal advisor, financial advisor or fiduciary to you or any other

IMPORTANT DISCLOSURES

person or entity regardless of whether Purchaser, or an affiliate has or is currently acting as such on a separate transaction. Additionally, Purchaser has financial and other interests that differ from your interests. Purchaser's sole role would be to purchase securities from you (or the conduit issuer). Any information relating to a Direct Purchase is being provided to you pursuant to and in reliance on the 'Bank exemption' under the Muni Advisor Rules and the general information exclusion to advice under the Muni Advisor Rules.

In the event the Materials are being provided in connection with a RFP, the SEC exempts from the definition of municipal advisor 'any person providing a response in writing or orally to a request for proposals or qualifications from a municipal entity or obligated person for services in connection with a municipal financial product or the issuance of municipal securities; provided however, that such person does not receive separate direct or indirect compensation for advice provided as part of such response' ('RFP exemption'). In such event, we have relied upon the RFP exemption, and on your distribution and execution of this RFP through a competitive process. In the event WFBNA MPG is the party providing the Materials responses to all questions, certifications, attestations, information requests, and similar in the RFP or RFQ to which this response relates are specifically limited to, in context of, and as applied to, WFBNA MPG in its capacity as a separately identifiable department of a national bank that is registered as a municipal securities dealer with the Securities and Exchange Commission, Office of the Comptroller of the Currency, and Municipal Securities Rulemaking Board; and not on behalf of Wells Fargo Bank, N.A., unless specified otherwise in our response.

In the event that you have provided us with your written representation that you are represented by an independent registered municipal advisor (an 'IRMA') within the meaning of the Muni Advisor Rules, with respect to the transaction(s) described in the Materials we have provided you with our written disclosure that we are not a municipal advisor to you and are not subject to the fiduciary duty under the Muni Advisor Rules, if applicable, and have taken certain other steps to establish the 'IRMA exemption' under the Muni Advisor Rules.

In the event that you have engaged us to serve as an underwriter with respect to the municipal securities issuance described in the Materials we have provided you with our written disclosure regarding our role as an underwriter, that we are not a municipal advisor to you and are not subject to the fiduciary duty under the Muni Advisor Rules, if applicable.

If savings threshold level information is contained herein, please be advised that WFS is not recommending nor providing advice regarding which maturities should be refunded by you.

The Materials do not constitute an offer to sell or a solicitation of an offer to buy, or a recommendation or commitment for any transaction involving the securities or financial products named or described herein, and are not intended as investment advice or as a confirmation of any transaction. Assumptions stated herein may or may not be valid. Externally sourced information contained in the Materials has been obtained or derived from sources we reasonably believe to be reliable, but Wells Fargo Securities makes no representation or warranty, express or implied, with respect thereto, and does not represent or guarantee that such information is accurate or complete. Such information is subject to change without notice and Wells Fargo Securities accepts no responsibility to update or keep it current. Wells Fargo Securities does not assume or accept any liability for any loss which may result from reliance thereon. Wells Fargo Securities and/or one or more of its affiliates may provide advice or may from time to time have proprietary positions in, or trade as principal in, any securities or other financial products that may be mentioned in the Materials, or in derivatives related thereto.

Notwithstanding anything to the contrary contained in the Materials, all persons may disclose to any and all persons, without limitations of any kind, the U.S. federal, state or local tax treatment or tax structure of any transaction, any fact that may be relevant to understanding the U.S. federal, state or local tax treatment or tax structure of any transaction, and all materials of any kind (including opinions or other tax analyses) relating to such U.S. federal, state or local tax treatment or tax structure, other than the name of the parties or any other person named herein, or information that would permit identification of the parties or such other persons, and any pricing terms or nonpublic business or financial information that is unrelated to the U.S. federal, state or local tax treatment or tax structure of the transaction to the taxpayer and is not relevant to understanding the U.S. federal, state or local tax treatment or tax structure of the transaction to the taxpayer.

Any opinions or estimates contained in the Materials represent the judgment of Wells Fargo Securities at this time, and are subject to change without notice. Interested parties are advised to contact Wells Fargo Securities for more information.

Wells Fargo does not provide tax advice. Any tax statement herein regarding US federal tax is not intended or written to be used, and cannot be used, by any taxpayer for the purpose of avoiding any penalties. Any such statement herein was written to support the marketing or promotion of a transaction or matter to which the statement relates. Each taxpayer should seek advice based on the taxpayer's particular circumstances from an independent tax advisor.

If you have any questions or concerns about the disclosures presented herein, you should make those questions or concerns known immediately to Wells Fargo Securities.

2Q19