

IRVINE RANCH WATER DISTRICT

CALL FOR SPECIAL FINANCE AND PERSONNEL  
COMMITTEE MEETING BY CHAIRMAN

A Special Finance and Personnel Committee Meeting of the Irvine Ranch Water District is hereby called to be held on October 14, 2021, at the hour of 3:30 p.m. of said day at the principal office of the District, 15600 Sand Canyon Avenue, Irvine, California, for the purposes as set forth in Exhibit "A" attached hereto and by this reference made a part hereof.

The Secretary of the Irvine Ranch Water District is hereby authorized and directed to give notice of said Special Meeting to all persons entitled to notice in accordance with the Bylaws of this District and the Provisions of Section 54956 of the California Government Code.

Dated this 6th day of October 2021.



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Peer Swan, Chairman  
Irvine Ranch Water District

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## EXHIBIT "A"

### AGENDA IRVINE RANCH WATER DISTRICT SPECIAL FINANCE AND PERSONNEL COMMITTEE MEETING THURSDAY, OCTOBER 14, 2021

This meeting will be held in person at the District's headquarters located at 15600 Sand Canyon Avenue, Irvine, California. The meeting will also be broadcasted via Webex for those wanting to observe the meeting virtually.

To observe this meeting virtually, please join online using the link and information below

Via Web: <https://irwd.webex.com/irwd/j.php?MTID=m8c8e2db1d199dfc1cbaa99714cc0f356>

Meeting Number: 2497 459 2040

Password: amGfA3QcZ33

PLEASE NOTE: Webex observers of the meeting will be placed into the Webex lobby when the Committee enters closed session. Participants who remain in the "lobby" will automatically be returned to the open session of the Committee once the closed session has concluded. Observers joining the meeting while the Committee is in closed session will receive a notice that the meeting has been locked. They will be able to observe the meeting once the closed session has concluded.

CALL TO ORDER 3:30 p.m.

ATTENDANCE Chair: Peer Swan \_\_\_\_\_ Member: Steve LaMar \_\_\_\_\_

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<u>ALSO PRESENT</u>	Paul Cook	_____	Cheryl Clary	_____
	Wendy Chambers	_____	Kevin Burton	_____
	Paul Weghorst	_____	Rob Jacobson	_____
	Tom Malone	_____	Tiffany Mitcham	_____
	Christopher Smithson	_____	Eileen Lin	_____
	Jennifer Davis	_____	_____	_____
	_____	_____	_____	_____

### PUBLIC COMMENT NOTICE

Public comments are limited to three minutes per speaker on each subject. If you wish to address the Committee on any item, you may attend the meeting in person and submit a "speaker slip."

You may also submit a public comment in advance of the meeting by emailing [comments@irwd.com](mailto:comments@irwd.com) before 12:00 p.m. on Thursday, October 14, 2021.

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## COMMUNICATIONS

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1. Notes: Clary
2. Public Comments
3. Determine the need to discuss and/or take action on item(s) introduced, which came to the attention of the District subsequent to the agenda being posted.
4. Determine which items may be approved without discussion.

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## INFORMATION

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5. FISCAL YEAR 2022 THROUGH 2023 RATES AND CHARGES – PARDEE / SMITHSON / CLARY

Recommendation: That the Committee review and provide comments on the proposed rates and charges.

6. EMPLOYEE POPULATION AND TURNOVER STATUS REPORT – SRADER / MITCHAM

Recommendation: Receive and file.

7. DEBT AND INVESTMENT REVIEW – MENDOZA / DAVIS / JACOBSON / CLARY

Recommendation: Receive and file.

8. PERFORMANCE RECOGNITION PROGRAM QUARTERLY UPDATE – HALL / MITCHAM

Recommendation: Receive and file.

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## ACTION

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9. LETTER OF CREDIT EXTENSIONS FOR THE SERIES 1993 AND 2009A BONDS – JACOBSON / CLARY

Recommendation: That the Board authorize staff to extend the U.S. Bank Letters of Credit for IRWD's 1993 Bonds and the 2009A Bonds to May 2025 at an annual cost of 0.30%.

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**OTHER BUSINESS**

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10. Closed Session

**CONFERENCE WITH REAL PROPERTY NEGOTIATORS — UNSOLICITED  
OFFER – Pursuant to Government Code Section 54956.8.**

Property: Sycamore Canyon Apartments, 8201 E. Blackwillow Circle, Anaheim,  
California 92808, County of Orange

Agency Negotiator: Robert Jacobson, Treasurer/Director of Risk Management

Negotiating Parties: Lincoln Consulting Group, LLC for The Bascom Group, LLC.

Under Negotiation: Price and terms of payment.

11. Open Session

12. Directors' Comments

13. Adjourn

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Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the above-named Committee in connection with a matter subject to discussion or consideration at an open meeting of the Committee are available for public inspection in the District's office, 15600 Sand Canyon Avenue, Irvine, California ("District Office"). If such writings are distributed to members of the Committee less than 72 hours prior to the meeting, they will be available from the District Secretary of the District Office at the same time as they are distributed to Committee Members, except that if such writings are distributed one hour prior to, or during, the meeting, they will be available at the entrance of the meeting room at the District Office. The Irvine Ranch Water District Committee Room is wheelchair accessible. If you require any special disability-related accommodations (e.g., access to an amplified sound system, etc.), please contact the District Secretary at (949) 453-5300 during business hours at least seventy-two (72) hours prior to the scheduled meeting. This agenda can be obtained in an alternative format upon written request to the District Secretary at least seventy-two (72) hours prior to the scheduled meeting.

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October 14, 2021

Prepared by: D. Pardee / C. Smithson

Submitted by: C. Clary

Approved by: Paul A. Cook *PA*

## FINANCE AND PERSONNEL COMMITTEE

### FISCAL YEAR 2022 THROUGH 2023 RATES AND CHARGES

#### SUMMARY:

The approved Fiscal Year (FY) 2021-22 Operating Budget for IRWD is \$180.2 million, representing an increase of \$6.6 million, or 3.8%, compared to the Operating Budget for FY 2020-21. The proposed FY 2022-23 Operating Budget for IRWD is \$187.7 million, representing an increase of \$7.6 million, or 4.2%, compared to the proposed Operating Budget for FY 2021-22. These budgets were adopted by the IRWD Board of Directors on April 26, 2021.

Increases to the IRWD rates and charges for services are necessary to provide for cost-of-service equity. Due to the continued economic impact of COVID-19 to IRWD's customers, the District deferred a rate increase until after December 31, 2021; the most recent rate increase was in July 2019. Staff is now recommending a rate increase that equates to \$4.49 per month, or an 8.8% increase, for a typical residential customer. Staff also recommends that these rates become effective as of February 1, 2022, and continue through June 30, 2023. Staff anticipates resuming the normal two-year rate review cycle consistent with the adoption of the two-year budget for FY 2023-24 and FY 2024-25.

#### BACKGROUND:

##### Tiered Rate Structure Cost Allocation:

IRWD implemented an allocation-based rate structure in 1991, and initially established the over allocation use tiers to reflect the higher cost of providing service to those tiers. This approach immediately resulted in a decrease of water consumption that exceeded 10% and laid the groundwork for the efficient use of water by IRWD customers that is firmly established today. IRWD's rate structure aligns excessive water use with rates that are higher than the base rate to fund costs including, 1) water banking and recycled water conversions, 2) targeted conservation efforts focused on customers in the over allocation tiers, and 3) urban runoff treatment (Natural Treatment System) – a byproduct of wasteful water usage. The rate structure is based on the cost of service to provide water to each tier and is detailed below.

IRWD's allocation-based rate structure and the District's rate-setting process utilizes approved legislation included in Chapter 3.4 (Sections 370 -374) of the California Water Code that provides the ability to add costs for uses beyond the reasonable use basic allocation. The approved FY 2021-22 and FY 2022-23 Operating Budgets and recommended rate increases follow these guidelines. The District's rate-setting process provides for the determination of the nexus between the revenue generated from the proposed rates and the costs driving those rates, and between the rates and the estimated benefit from the additional associated costs.

Over-allocation revenue can fluctuate significantly from year to year, with weather being a highly variable factor. During wet years, over-allocation revenue is reduced while dry years generates more as consumption increases. Consistent with the District's practice – as weather (and therefore, consumption) cannot be accurately predicted – this over-allocation fund is to be considered cyclical for use over a three-year to five-year period. The approved FY 2021-22 and FY 2022-23 Operating Budgets include prioritized programs and expenditures that will utilize the fund and provide a benefit to the District during years that are drier than normal.

#### Cost of Service and Rate Design Study:

As part of the rate-setting process for FY 2021-22 and FY 2022-23, IRWD engaged the consulting firm Raftelis to perform a Cost of Service and Rate Design Study prior to the rate-setting process for the District's next two-year budget cycle. The purpose of the external review was 1) to meet legal requirements, 2) to affirm or update IRWD's existing processes, and 3) to create an opportunity to consider alternatives that meet Board objectives.

Staff and Raftelis updated IRWD's rate model based on Raftelis' findings and Committee recommendations. This model was used to develop the rate recommendations for FY 2021-22 and FY 2022-23. Staff also completed additional analysis to provide rate recommendations that will provide cost equity for both fiscal years and be effective from February 1, 2022 until June 30, 2023.

#### Rate Increase Alternatives:

Proposed changes to rates were developed to address revenue requirements for the period of February 2022 through June 2023. Percentage increases were calculated for a typical IRWD residential customer, assumed to consume 12 hundred cubic feet (ccf) per month. Staff identified the following three alternative strategies for funding the Board-approved FY 2021-22 and FY 2022-23 operating budgets:

1. Increase commodity and fixed service charges to fully fund the approved operating budgets and the Enhancement and Replacement Funds, resulting in a rate increase to the typical IRWD customer of 11.2%;
2. Increase commodity rates to fully fund the cost of water service and do not increase the current fixed service charges for water and sewer, resulting in a rate increase to the typical IRWD customer of 6.3% and provides no additional funding to the Replacement Fund (approximately \$8.1 million of the Rate Stabilization Fund would be used to fund fixed water and sewer operating costs); or
3. Increase commodity rates to fully fund the cost of water service and increase the current fixed service charges for water and sewer to fully fund only the operating cost portion of the fixed service charge. The remaining Replacement and Enhancement Fund component of the fixed service charge would not increase from the current charge. This alternative results in a rate increase of 8.8% to the typical IRWD customer.

Staff recommends Alternative #3.



Proposed FY 2022 through 2023 Rates:

The following rates are based on the staff's recommendation, Alternative #3:

*Commodity:*

The potable system has several different sources of water, and the tiered rates assume use of the lowest cost source first for each tier. The allocated costs associated with the potable tiers for FY 2022 through 2023 are as follows:

FY 2022 through 2023 Potable Water					
Allocation of Acre Feet by Source of Supply					
Tiers	Low Volume	Base Rate	Inefficient	Wasteful	Total
<b>Sales by Tier in AF</b>	38,499	56,870	5,741	4,677	105,788
<b>Sources of Water</b>					
Dyer Road Wellfield	(38,499)	(14,701)			(53,200)
Deep Aquifer Treatment System		(14,874)			(14,874)
Irvine Desalter Domestic		(7,218)			(7,218)
Wells 21 & 22 Desalter Treatment		(3,529)			(3,529)
Baker Treatment Facilities		(13,381)			(13,381)
Imported Water		(3,167)	(5,741)	(4,677)	(13,586)
<b>Net Allocation</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Rates per ccf Based on Cost of Service					
Building Tiered Rates	Low Volume	Base Rate	Inefficient	Wasteful	
Lowest Cost Source of Water	\$1.53				
Melded Cost of Water		\$2.34			
Loaded Cost of Imported Water				\$3.29	\$3.29
District Wide Conservation		\$0.08	\$0.08		\$0.08
Water Banking					\$2.08
Targeted Conservation				\$1.16	\$4.92
Natural Treatment Systems (NTS)				\$0.62	\$4.27
<b>Total Cost per Tier</b>	<b>\$1.53</b>	<b>\$2.42</b>	<b>\$5.15</b>	<b>\$14.64</b>	
<b>FY 2021 Rates by Tier</b>	<b>\$1.47</b>	<b>\$2.00</b>	<b>\$4.86</b>	<b>\$13.63</b>	
<b>Change</b>	<b>\$0.06</b>	<b>\$0.42</b>	<b>\$0.29</b>	<b>\$1.01</b>	

The recycled system has three sources of water, and the same approach is applied to establishing cost-of-service rates. The allocated costs associated with the recycled tiers for FY 2022 through 2023 are as follows:

<b>FY 2022 through 2023 Recycled Water</b>					
<b>Allocation of Acre Feet by Source of Supply</b>					
<b>Tiers</b>	<b>Low Volume</b>	<b>Base Rate</b>	<b>Inefficient</b>	<b>Wasteful</b>	<b>Total</b>
<b>Sales by Tier in AF</b>	27,868	27,758	2,717	1,832	60,175
<b>Sources of Water</b>					
Produced	(27,868)	(17,912)			(45,780)
Groundwater		(7,515)			(7,515)
Imported Water		(2,332)	(2,717)	(1,832)	(6,880)
<b>Net Allocation</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Rates per ccf Based on Cost of Service</b>					
<b>Building Tiered Rates</b>	<b>Low Volume</b>	<b>Base Rate</b>	<b>Inefficient</b>	<b>Wasteful</b>	
Lowest Cost Source of Water	\$1.23				
Melded Cost of Water		\$2.08			
Loaded Cost of Imported Water			\$3.31	\$3.31	
District Wide Conservation		\$0.08	\$0.08	\$0.08	
Targeted Conservation				\$0.65	
Natural Treatment Systems (NTS)			\$0.64	\$3.16	
<b>Total Cost per Tier</b>	<b>\$1.23</b>	<b>\$2.16</b>	<b>\$4.03</b>	<b>\$7.20</b>	
<b>FY 2021 Rates by Tier</b>	<b>\$1.19</b>	<b>\$1.57</b>	<b>\$3.15</b>	<b>\$6.62</b>	
<b>Change</b>	<b>\$0.04</b>	<b>\$0.59</b>	<b>\$0.88</b>	<b>\$0.58</b>	

*Fixed Service Charge:*

The fixed service charge provides for those costs that remain constant, increasing from pass-through rates or with the Consumer Price Index (CPI). The potable and recycled fixed water service charge is proposed to increase by \$0.45 per month to \$10.80 for a 5/8-inch meter. The proposed increase to the monthly sewer service charge is \$0.80 per month to \$20.35 for a typical residential customer. These increases are to be effective from February 1, 2022 until June 30, 2023.

*Pumping Surcharges:*

IRWD's pumping surcharges were developed in detail through the Embedded Energy Study in FY 2015-16. The study provides a nexus between the surcharge and the cost associated with moving the water to higher elevations. This study was updated in 2019 and included new rate recommendations. The most recent pumping surcharge rate increase was in July 2019.

The proposed pumping surcharges for February 1, 2022 include increases based on the rates that were deferred for FY 2020-21 and on rising energy costs as identified in the FY 2021-22 and FY 2022-23 budgets. At the Committee meeting, staff will review proposed pumping surcharges.

ISCAL IMPACTS:

Based on Alternative #3 as described above, the proposed commodity rates are expected to cover budgeted Board-approved operating variable costs. Proposed fixed water and sewer service charges will cover operating fixed costs. The proposed rate increases will result in contributions to the Enhancement and Replacement Fund totaling approximately \$66.0 million. The conservation fund is expected to generate and use approximately \$29.5 million over the same two fiscal years.

ENVIRONMENTAL COMPLIANCE:

This item is not a project as defined in the California Environmental Quality Act Code of Regulations, Title 14, Chapter 3, Section 15378.

RECOMMENDATION:

That the Committee review and provide comments on the proposed rates and charges.

LIST OF EXHIBITS:

Exhibit “A” – Draft Rate increases based upon approved Operating Budgets for FY 2021-22 and FY 2022-23

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## CURRENT AND PROPOSED RESIDENTIAL RATES

Before Rate Adjustment:

### Potable

Current Residential Rates:	Water (1)	Sewer (2)
<b>Low Volume</b>	\$1.47	
<b>Commodity Rate</b>	\$2.00	
Operations	\$7.55	\$9.42
Replacements	\$2.10	\$9.31
Enhancements	\$0.70	\$0.82
<b>Total Service Charge</b>	<b>\$10.35</b>	<b>\$19.55</b>
<b>Commodity (12ccf's)</b>	<b>\$21.35</b>	
<b>Current Monthly</b>	<b>\$51.25</b>	
<b>Proposed Residential Rate Adjustment:</b>		
<b>Low Volume</b>	\$1.53	
<b>Base Commodity Rate</b>	\$2.42	
<b>Operations</b>	\$7.97	\$10.25
<b>Replacements</b>	\$2.13	\$9.28
<b>Enhancements</b>	\$0.70	\$0.82
<b>Total Service Charge</b>	<b>\$10.80</b>	<b>\$20.35</b>
<b>Commodity</b>	<b>\$24.59</b>	
<b>Proposed Monthly</b>	<b>\$55.74</b>	
Current Monthly	\$51.25	
Difference	\$4.49	
<b>Change %</b>	<b>8.8%</b>	
2 Year Increase Commodity , Partial Revenue Recovery		


(1) Water - District Average usage assumes 12 ccf's per month.

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October 14, 2021

Prepared by: L. Srader

Submitted by: T. Mitcham

Approved by: Paul A. Cook 

FINANCE AND PERSONNEL COMMITTEE

EMPLOYEE POPULATION AND TURNOVER STATUS REPORT

SUMMARY:

Staff has prepared various population and turnover reports for Committee review.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

Receive and file.

LIST OF EXHIBITS:

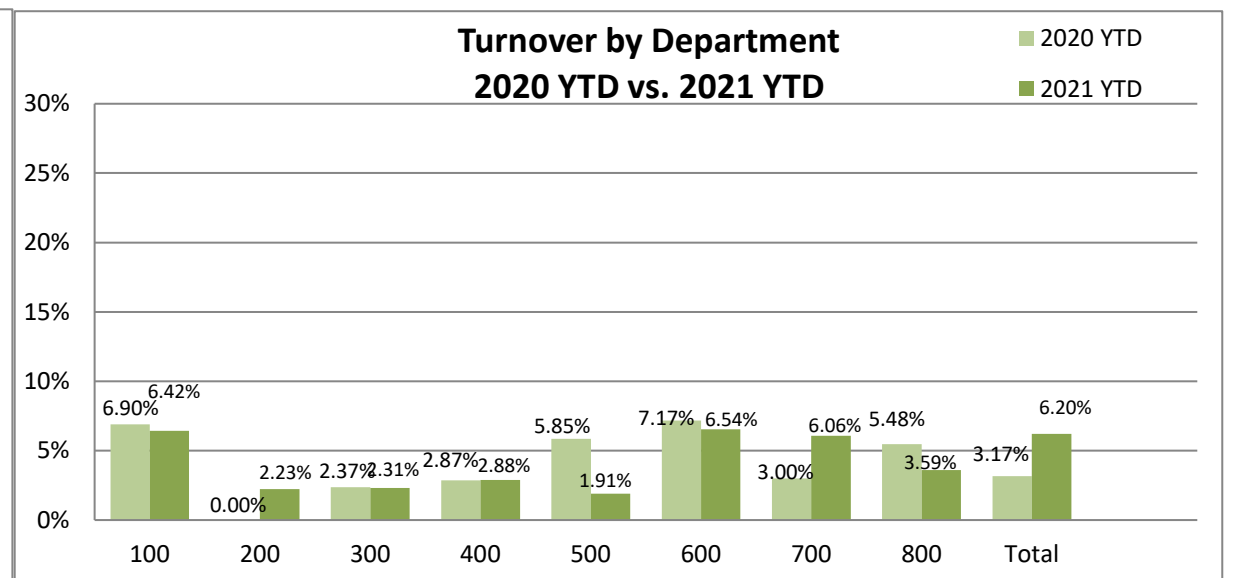
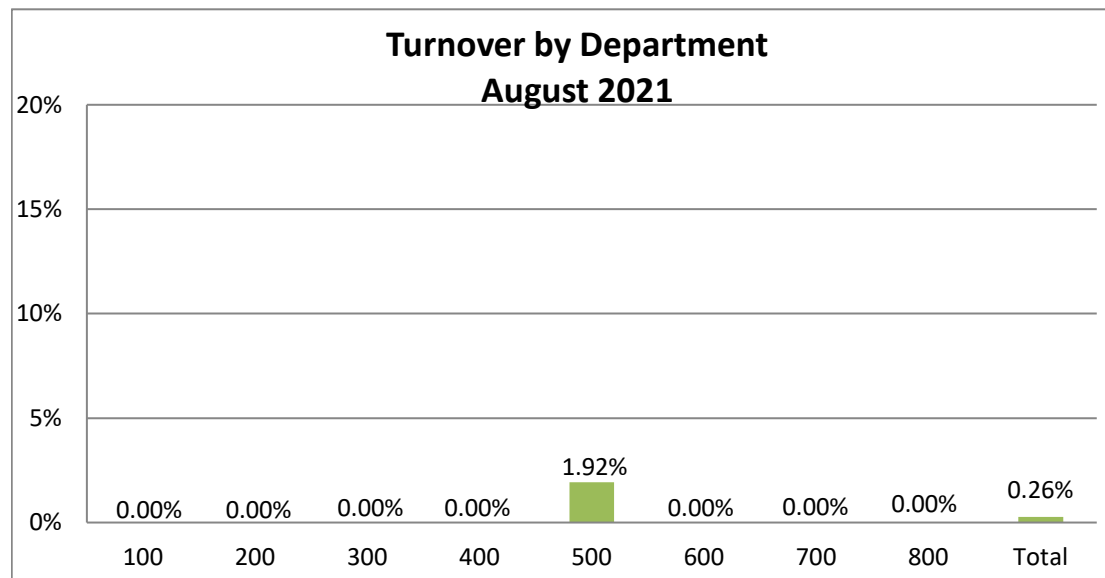
Exhibit "A" – Employee Population/Turnover Status Report

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**EXHIBIT A**  
**IRVINE RANCH WATER DISTRICT**  
**EMPLOYEE POPULATION STATUS REPORT**  
**August 2021**

	@8/01/21	Current Month Activity							@8/31/21						Internal Turnover		External Turnover	
Dept	Positions Filled	New Hires	Terms		Promo Trnsfr		Lateral Trnsfr		Positions Filled	Positions Unfilled	FY 21/22 Budgeted Positions	Avg FYTD Filled Budget Positions	Avg FYTD Temp Emp FTE	Avg FYTD Total Filled Positions	Current Period	2021 YTD	Current Period	2021 YTD
			Vol	Invol	In	Out	In	Out										
100	15.0								15.0	1	16.0	15.0	0.0	15.0	0.00%	0.00%	0.00%	6.45%
200	90.0	1							91.0	1	92.0	90.0	0.0	90.0	0.00%	0.00%	0.00%	2.23%
300	43.0								43.0	1	44.0	43.0	0.0	43.0	0.00%	0.00%	0.00%	2.31%
400	68.0								68.0	5	73.0	67.5	1.9	69.4	0.00%	1.44%	0.00%	2.89%
500	52.0	1	1						52.0	10	62.0	52.5	2.0	54.5	0.00%	0.00%	1.92%	3.82%
600	30.0								30.0	3	33.0	30.5	3.9	34.4	0.00%	0.00%	0.00%	6.56%
700	32.0								32.0	2	34.0	32.5	0.0	32.5	0.00%	0.00%	0.00%	6.08%
800	54.0								54.0	7	61.0	54.0	0.0	54.0	0.00%	0.00%	0.00%	3.60%
Totals	384	2	1	0	0	0	0	0	385.0	30	415.0	385.0	7.8	392.8	0.00%	0.42%	0.26%	5.85%
8/20	383	5	0	0	0	0	0	0	388	24	412.0	0.0	16.4	16.4	0.00%	0.53%	0.00%	3.17%

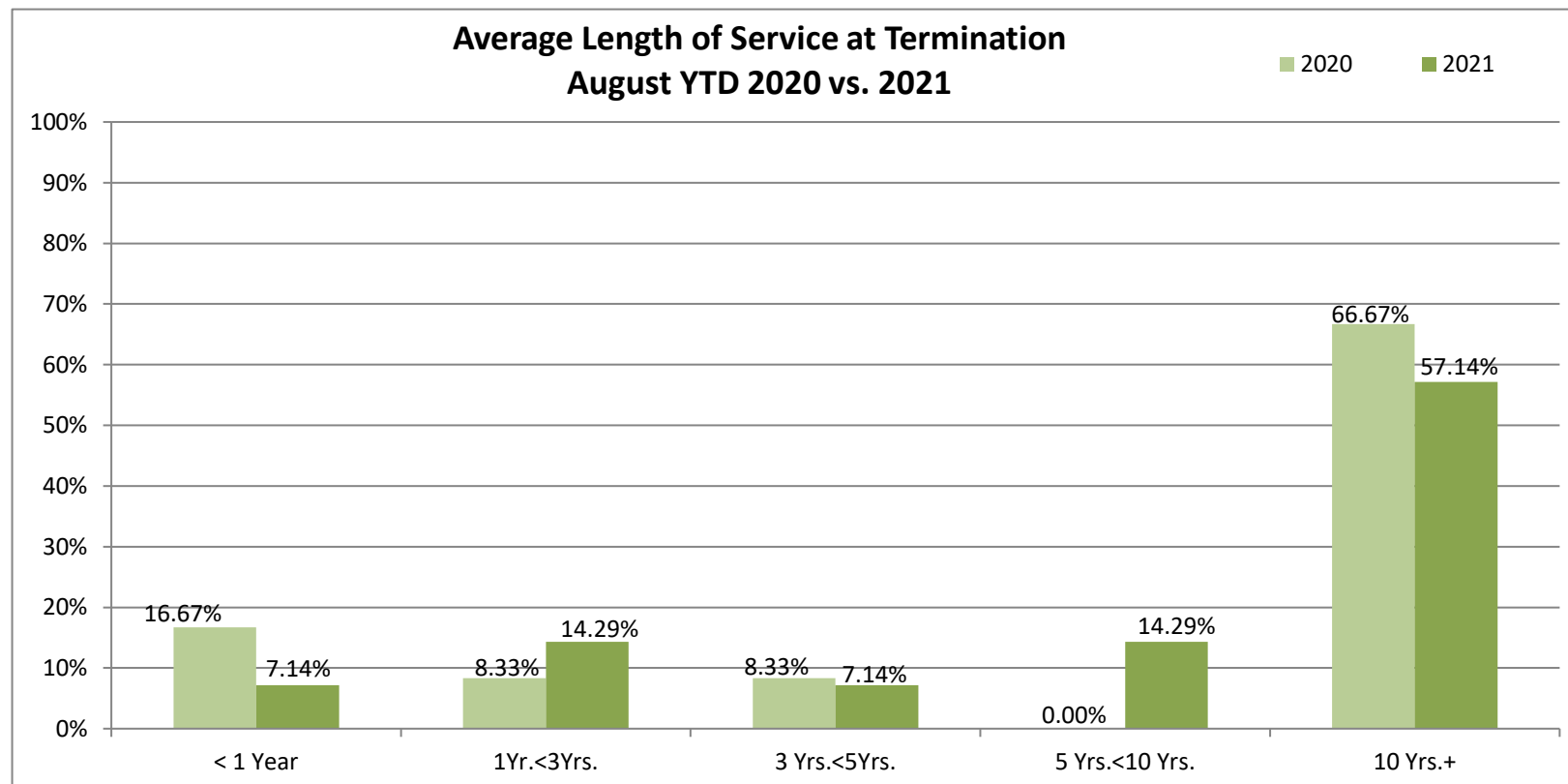


100-GM, HR, Safety; 200-Fin., Cust. Serv., IS, Purch.; 300-Eng.; 400-Water Ops; 500-Recycling; 600-WQ&RC; 700-Water Res., Recyc. Water and Public Affairs; 800-Adm. & Maintenance Ops

**IRVINE RANCH WATER DISTRICT  
TURNOVER LONGEVITY RATIO  
August 2021**

Dept.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	YTD Turnover Longevity Ratio				
														< 1 Year	1Yr.<.3Yrs.	3 Yrs.<5Yrs.	5 Yrs.<10 Yrs.	10 Yrs.+
100						1							1				1	
200	1					1							2				1	1
300		1											1					1
400					1	1							2			1		1
500						1		1					2					2
600			1				1						2	1				1
700						1	1						2		1			1
800						2							2		1			1
2021 Total	1	1	1	0	1	7	2	1	0	0	0	0	14	1	2	1	2	8
2020 Data	2	0	2	2	3	1	2	0	1	1	0	4	18					
Percentage of Total Turnover														7.14%	14.29%	7.14%	14.29%	57.14%

2021 Average YTD Length of Service at Termination	12.57 Years
2020 Average YTD Length of Service at Termination	16.33 Years
2019 Average YTD Length of Service at Termination	9.21 Years
2018 Average YTD Length of Service at Termination	13.85 Years
2017 Average YTD Length of Service at Termination	14.35 Years



**IRVINE RANCH WATER DISTRICT  
EMPLOYEE POPULATION STATUS REPORT**

**August 2021**

NEW HIRES				
Date	Dept	Employee Name	Position	Comments
08/09/21	200	Aaron Solorzano	User Support Manager	
08/16/21	500	Mathew Folmar	Operator II	

TERMINATIONS					
Date	Dept	Employee Name	Position	Reason	Comments

RETIREMENTS					
Date	Dept	Employee Name	Position	Reason	Comments
08/27/21	500	Henry Solis	Collection Systems Supervisor	RET	

PROMOTIONS					
Date	Departing Dept	Employee Name	Departing Position	New Dept	New Position

TRANSFERS					
Effective Date	Departing Dept	Employee Name	Departing Position	New Dept	New Position

CROSS TRAINING					
Effective Date	Departing Dept	Employee Name	Departing Position	New Dept	New Position

**IRVINE RANCH WATER DISTRICT  
EMPLOYEE POPULATION STATUS REPORT  
August 2021**

UNFILLED POSITIONS			
Dept	Position	Salary Grade	Comments
100	Safety Manager	U17.E	Recruiting
200	Manager of Contract Admin & Risk	U19.E	
300	Development Services Supervisor	U10.E	
400	Water Maintenance Technician II	22.N	
400	Field Services Manager	U18.E	
400	Metering Systems Technician I	16.N	
400	Water Maintenance Technician III	26.N	
400	Water Maintenance Technician I	16.N	
500	Process Specialist	32.N	
500	Collection Systems CCTV Technician	21.N	
500	Senior Collection Systems CCTV Tech	25.N	
500	Operations Supervisor	S35.N	
500	Collection Systems Supervisor	S32.N	
500	Collection Systems Supervisor	S32.N	
500	Operator II	27.N	Recruiting
500	Operator III	29.N	Recruiting
500	Operator I	27.N	Recruiting
500	Automation Specialist	32.N	Recruiting
600	Senior Scientist	32.N	
600	Scientist	28.N	
600	Scientist	28.N	Recruiting
700	Water Efficiency Supervisor	U12.E	Recruiting
700	Engineer	U17.E	Recruiting
800	Reliability Engineer	U20.E	Recruiting
800	Electrical Technician	30.N	
800	Instrumentation Technician	30.N	
800	Instrumentation Technician	28.N	
800	Fleet/Facilities Manager	U17.E	
800	Electrical Technician	28.N	
800	Director of Field Operations	U27.E	

**IRVINE RANCH WATER DISTRICT  
EMPLOYEE POPULATION STATUS REPORT  
August 2021**

LEAVE OF ABSENCE					
Type of Leave	Pay Status	Date Leave Began	Anticipated Return Date	Current Length	Comments
FMLA/CFRA	SDI	4/16/2021	10/15/2021	5 months	
FMLA/CFRA	SDI	6/29/2021	9/6/2021	2 months	
FMLA/CFRA	SDI	8/20/2021	9/19/2021	1 week	
FMLA/CFRA	SDI	7/20/2021	11/29/2021	1 month	

Leave	Original Status	Date Leave Began	Return Date	Length	Return Date	Comments
FMLA/CFRA	SDI	7/29/2020	8/31/2020	1 month	8/31/2020	Returned
FMLA/CFRA	SDI	7/21/2020	9/2/2020	2 weeks	09/02/20	Returned
FMLA/CFRA	SDI	8/4/2020	9/8/2020	1 month	09/08/20	Returned
FMLA/CFRA	SDI	9/22/2020	10/15/2020	1 month	10/15/20	Returned
FFCRA/FMLA	SDI	9/8/2020	10/12/2020	2 months	10/12/20	Returned
FFCRA/FMLA	LVBK	9/8/2020	10/8/2020	1 month	10/08/20	Returned

**IRVINE RANCH WATER DISTRICT  
EMPLOYEE POPULATION STATUS REPORT**

Month	Length of Employment	Termination		Comments
		Vol	Invol	
January	28 years, 9 months	X		Retirement
February	13 years, 10 months	X		Moved out of state
March	9 months		X	Probation Rejection
April				
May	3 years, 9 months	X		New employment
June	2 years, 11 months	X		Moved out of state
	6 years, 2 months	X		Otay Water District
	11 years	X		City of Torrance
	2 years	X		Metropolitan Water
	5 years	X		Other Employment
	12 years, 8 months	X		Retirement
	30 years	X		Retirement
July	32 years, 5 months	X		Retirement
	12 years, 1 month	X		Retirement
August	25 years, 7 months	X		Retirement
September				
October				
November				
December				

**IRVINE RANCH WATER DISTRICT  
SUMMARY  
AGENCY & DISTRICT TEMPORARY EMPLOYEES**

<b>ACTIVE</b>											
<b>Current Month  FTE</b>	<b>FYTD Ave Hours Worked  FTE</b>	<b>PERS Enroll- ment</b>	<b>Agency</b>		<b>Hourly  Rate</b>	<b>Est Hours per Month</b>	<b>Est Cost  Per Month</b>	<b>Expected Duration  (Months)</b>	<b>Actual Worked  (Months)</b>	<b>Projected Cost  FY' YTD</b>	<b>Actual Cost  FY 'YTD</b>
<b>0.00</b>	<b>0.00</b>			<b>100</b>							
1.00 <b>1.00</b>	0.98 <b>0.98</b>	Yes		200 <b>200</b>	22.37	168	3,758.16	12	2	7,516.32	7,583.43
0.75 0.00 0.00 0.95 <b>1.70</b>	0.81 0.00 0.00 0.91 <b>1.72</b>	No No No No		300 300 300 300 <b>300</b>	37.70 18.00 18.00 17.00	168 84 84 84	6,333.60 1,512.00 1,512.00 1,428.00	12 12 12 12	2 2 2 2	12,667.20 3,024.00 3,024.00 2,856.00	10,556.00 4,320.00 4,680.00 5,355.00
1.00 0.00 0.00 0.75 <b>1.75</b>	0.96 0.12 0.00 0.84 <b>1.92</b>	No No No Yes	X X X	400 400 400 400 <b>400</b>	23.92 30.53 32.26 23.92	168 168 168 168	4,018.56 5,129.04 5,419.68 4,018.56	6 6 4 2	2 2 1 2	8,037.12 10,258.08 5,419.68 8,037.12	8,037.12 1,221.20 1,290.40 6,936.80
1.00 1.00 <b>2.00</b>	0.98 1.00 <b>1.98</b>	Yes No	X	500 500 <b>500</b>	29.23 33.13	168 168	4,910.64 5,565.84	12 6	2 2	9,821.28 11,131.68	9,938.20 11,943.37
1.00 1.00 0.00 0.00 1.00 1.00 <b>4.00</b>	1.00 0.98 0.00 0.00 0.95 0.98 <b>3.90</b>	No No No No No No	X X	600 600 600 600 600 600 <b>600</b>	32.76 32.76 14.00 14.00 46.43 32.76	168 168 84 84 1687 168	5,503.68 5,503.68 1,176.00 1,176.00 78,327.41 5,503.68	6 12 10 10 5 2	2 2 2 2 2 2	11,007.36 11,007.36 2,352.00 2,352.00 156,654.82 11,007.36	11,334.96 11,310.39 42.00 1,792.00 15,298.69 11,105.64
1.00 0.98 0.84 <b>2.82</b>	0.98 0.95 0.88 <b>2.82</b>	No No EXC	X X	700 700 700 <b>700</b>	30.92 30.92 14.00	168 168 84	5,194.56 5,194.56 1,176.00	6 6 12	2 2 2	10,389.12 10,389.12 2,352.00	10,512.80 10,203.60 4,284.00
<b>0.00</b>	<b>0.00</b>			<b>800</b>							
<b>13.28</b>	<b>13.31</b>										

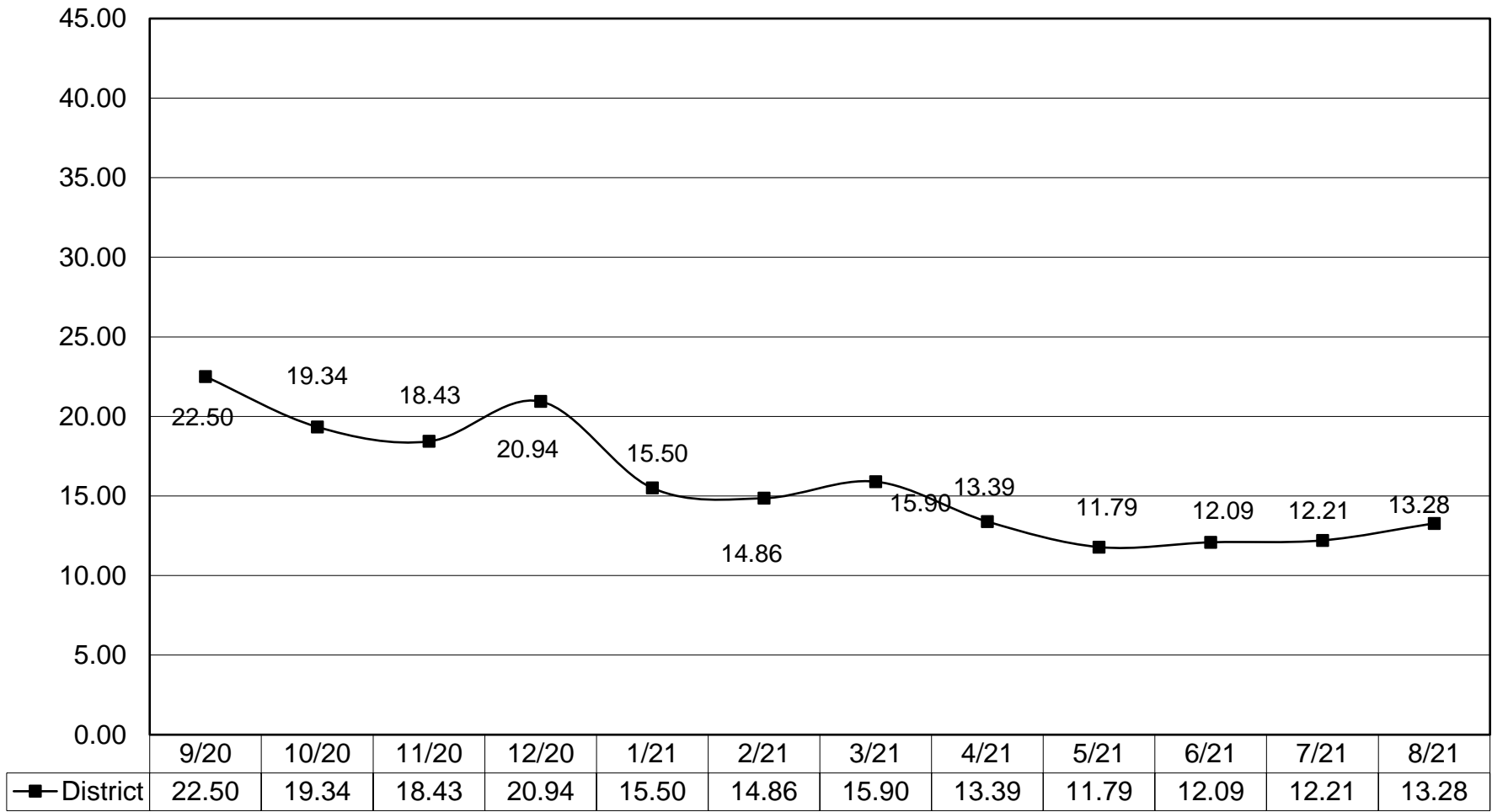
**IRVINE RANCH WATER DISTRICT  
SUMMARY  
AGENCY & DISTRICT TEMPORARY EMPLOYEES**

TERMINATED											
Current Month FTE	Avg FYTD Temp Emp FTE	Active PERS Y/N *	Agency	Dept	Hourly Rate	Est Hours per Month	Est Cost Per Month	Expected Duration (Months)	Actual Worked (Months)	Projected Cost FYTD	Actual Cost FYTD
0.00	0.00			100							
0.00	0.00			200							
0.00	0.00			300							
0.00	0.00			400							
0.00	0.00			500							
0.00	0.00			600							
0.00	0.00			700							
0.00	0.00			800							
0.00	0.00									299,303.62	147,745.59

EXC = Exclude from PERS enrollment  
Yes= Temporary employee enrolled in PERS Membership  
No=Temporary Agency employee  
\*Data reported 30 days in arrears



# **Temporary Employees** **Full Time Equivalency** **District Totals as of August 31, 2021**




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October 14, 2021

Prepared by: O. Mendoza / J. Davis

Submitted by: R. Jacobson / C. Clary

Approved by: Paul A. Cook 

## FINANCE AND PERSONNEL COMMITTEE

### MONTHLY INVESTMENT AND DEBT REVIEW

#### SUMMARY:

The following items are submitted for the Committee's review and consideration:

- The Investment Portfolio Summary Report as of September 30, 2021, as outlined in Exhibit "A";
- The U.S. Treasury Yield Curve as of September 30, 2021, as shown in Exhibit "B";
- The Summary of Fixed and Variable Debt as of September 30, 2021, as outlined in Exhibit "C"; and
- The Summary of Variable Rate Debt Rates as of September 30, 2021, as outlined in Exhibit "D".

#### BACKGROUND:

##### Investment Portfolio:

The rate of return for the fixed income investment portfolio was 0.44%, which was a 0.01% decrease from August's rate of 0.45%. Including real estate investments, the weighted average rate of return for IRWD's investment portfolio for September 2021 was 2.73%, which was a 0.02% increase from August's rate of 2.71%.

##### Debt Portfolio:

As of September 30, 2021, IRWD's weighted average all-in variable rate was 0.34%, which is unchanged from August's rate. Including IRWD's weighted average fixed rate bond issues of 3.70% and the negative cash accruals from fixed payer interest rate swaps, which hedge a portion of the District's variable rate debt, the total average debt rate was 2.91%, a 0.03% decrease from August's rate of 2.94%.

#### FISCAL IMPACTS:

Fiscal impacts are outlined above and included in the exhibits provided.

#### ENVIRONMENTAL COMPLIANCE:

This item is not a project as defined in the California Environmental Quality Act Code of Regulations, Title 14, Chapter 3, Section 15378.

RECOMMENDATION:

Receive and file.

LIST OF EXHIBITS:

Exhibit “A” – Investment Portfolio Summary as of September 30, 2021

Exhibit “B” – Yield Curve as of September 30, 2021

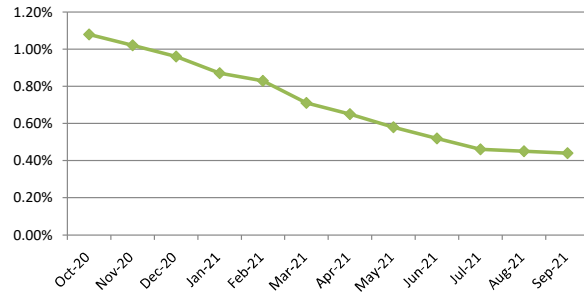
Exhibit “C” – Summary of Fixed and Variable Debt as of September 30, 2021

Exhibit “D” – Summary of Variable Rate Debt Rates as of September 30, 2021

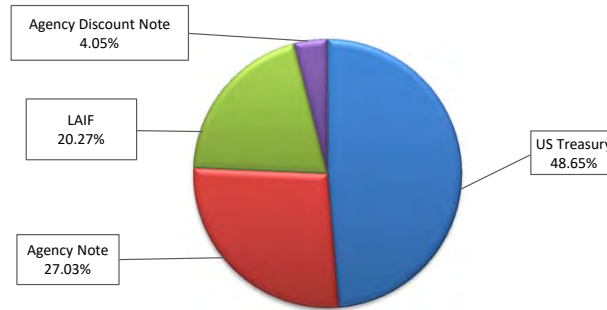
Exhibit "A"

## Irvine Ranch Water District Investment Portfolio Summary September 2021

Monthly Fixed Income Yield



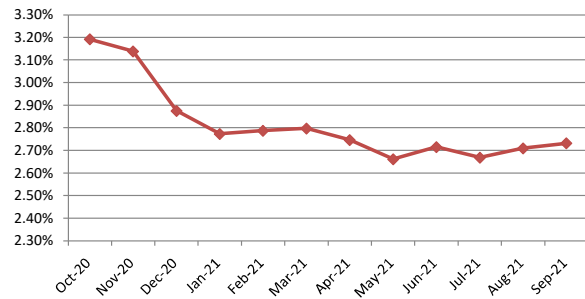
Portfolio Distribution



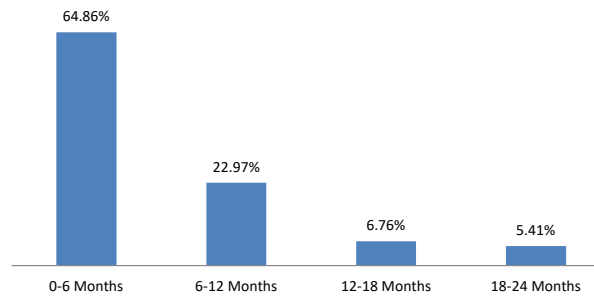
Investment Summary

Type	PAR	Book Value	Market Value
US Treasury	180,000,000	180,532,573	180,565,600
Agency Note	100,000,000	100,337,158	100,499,300
LAIF	75,000,000	75,000,000	75,006,223
Agency Discount Note	15,000,000	14,998,090	14,999,400
Grand Total	370,000,000	370,867,821	371,070,523

Weighted Average Return Including Real Estate Portfolio



Maturity Distribution



Top Issuers

Issuer	PAR	% Portfolio
US Treasury	180,000,000	48.65%
State of California Tsy.	75,000,000	20.27%
Fed Farm Credit Bank	55,000,000	14.86%
Fed Home Loan Bank	35,000,000	9.46%
Fed Natl Mortgage Assoc	15,000,000	4.05%
Fed Home Loan Mortgage Corp	10,000,000	2.70%
Grand Total	370,000,000	100.00%

IRVINE RANCH WATER DISTRICT  
INVESTMENT SUMMARY REPORT

09/30/21

SETTLMT	Call Schedule	Initial Call	Maturity Date	Rating	INVESTMENT TYPE	INSTITUTION / ISSUER	PAR Amount	COUPON DISCOUNT	YIELD	ORIGINAL COST	CARRY VALUE	MARKET VALUE <sup>(1)</sup> 9/30/2021	UNREALIZED <sup>(2)</sup> GAIN/(LOSS)
07/24/20			10/01/21		LAIF	State of California Tsy.	\$75,000,000		0.270%	\$75,000,000.00	\$75,000,000.00	75,006,222.75	6,222.75
07/19/21	NA	NA	10/05/21	NR	FHLB - Discount Note	Fed Home Loan Bank	5,000,000	0.040%	0.041%	4,999,566.67	4,999,811.11	5,000,000.00	188.89
08/13/20	NA	NA	10/07/21	Aaa/AA+/AAA	FNMA - Note	Fed Natl Mortgage Assoc	10,000,000	1.375%	0.143%	10,141,500.00	10,012,128.57	10,002,200.00	(9,928.57)
10/11/19	NA	NA	10/15/21	Aaa/AA+/NR	Treasury - Note	US Treasury	5,000,000	2.875%	1.540%	5,131,640.63	5,007,880.53	5,005,400.00	(2,480.53)
10/22/19	NA	NA	10/15/21	Aaa/AA+/AAA	FFCB - Note	Fed Farm Credit Bank	5,000,000	1.400%	1.642%	4,976,500.00	4,998,571.82	5,002,550.00	3,978.18
10/29/20	NA	NA	10/19/21	Aaa/NR/NR	FHLB - Note	Fed Home Loan Bank	10,000,000	0.125%	0.127%	9,999,800.00	9,999,972.96	10,000,000.00	27.04
10/27/20	NA	NA	10/26/21	NR	FFCB - Discount Note	Fed Farm Credit Bank	5,000,000	0.130%	0.132%	4,993,427.78	4,999,006.94	4,999,950.00	943.06
11/05/19	NA	NA	11/15/21	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	2.875%	1.610%	5,125,585.94	5,012,711.13	5,017,200.00	4,488.87
07/15/21	NA	NA	11/18/21	Aaa/NR/AAA	Treasury - Bill	US Treasury	10,000,000	0.040%	0.041%	9,998,600.00	9,999,133.33	9,999,600.00	466.67
06/11/21	NA	NA	11/26/21	Aaa/NR/AAA	Treasury - Bill	US Treasury	5,000,000	0.030%	0.030%	4,999,300.00	4,999,641.67	4,999,700.00	58.33
11/08/19	NA	NA	11/30/21	Treasury - Bill	Treasury - Note	US Treasury	5,000,000	1.750%	1.680%	5,007,031.25	5,000,840.39	5,013,850.00	13,009.61
03/17/21	NA	NA	11/30/21	Aaa/AA+/NR	Treasury - Note	US Treasury	5,000,000	1.875%	0.057%	5,064,120.00	5,026,095.35	5,014,900.00	(11,195.35)
09/28/20	NA	NA	12/03/21	Aaa/AA+/AAA	FFCB - Note	Fed Farm Credit Bank	5,000,000	0.150%	0.120%	5,001,765.00	5,000,380.85	5,000,600.00	219.15
10/30/20	NA	NA	12/15/21	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	2.625%	0.127%	5,140,429.69	5,035,876.20	5,026,400.00	(9,476.20)
04/23/20	NA	NA	12/20/21	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	10,000,000	1.625%	0.309%	10,217,480.00	10,053,472.81	10,034,500.00	(18,972.81)
06/30/21	NA	NA	12/30/21	Aaa/AA+/NR	Treasury - Bill	US Treasury	5,000,000	0.040%	0.041%	4,998,983.33	4,999,333.33	4,999,550.00	216.67
11/25/19	NA	NA	12/31/21	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	2.000%	1.619%	5,039,062.50	5,006,162.40	5,024,150.00	17,987.60
06/02/21	NA	NA	12/31/21	Aaa/NR/AAA	Treasury - Note	US Treasury	10,000,000	2.125%	0.027%	10,121,093.75	10,069,114.83	10,051,400.00	(17,714.83)
08/31/21	NA	NA	01/10/22	NR	FFCB - Discount Note	Fed Farm Credit Bank	5,000,000	0.040%	0.041%	4,999,266.67	4,999,272.23	4,999,450.00	177.77
05/26/21	NA	NA	01/11/22	Aaa/AA+/AAA	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	2.625%	0.031%	5,081,057.95	5,046,520.21	5,034,600.00	(11,920.21)
11/25/19	NA	NA	01/13/22	Aaa/NA/NR	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	2.375%	1.635%	5,077,250.00	5,013,271.15	5,032,750.00	19,478.85
08/14/20	NA	NA	01/13/22	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	2.375%	0.147%	5,157,297.23	5,040,769.49	5,032,750.00	(8,019.49)
03/08/19	NA	NA	01/15/22	Aaa/AA+/NR	Treasury - Note	US Treasury	5,000,000	2.500%	2.460%	5,005,468.75	5,000,712.40	5,035,300.00	34,587.60
12/19/19	NA	NA	01/31/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	1.875%	1.641%	5,024,218.75	5,004,756.14	5,030,300.00	25,543.86
03/21/19	NA	NA	02/03/22	Aaa/AA+/AAA	FFCB - Note	Fed Farm Credit Bank	5,000,000	2.030%	2.361%	4,954,350.00	4,993,261.19	5,032,900.00	39,638.81
12/19/19	NA	NA	02/15/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	2.500%	1.652%	5,089,453.13	5,018,933.68	5,045,300.00	26,366.32
11/13/20	NA	NA	02/28/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	1.875%	0.139%	5,112,304.69	5,042,828.06	5,037,500.00	(5,328.06)
11/19/20	NA	NA	02/28/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	1.750%	0.126%	5,103,710.94	5,040,060.02	5,035,150.00	(4,910.02)
06/09/21	NA	NA	02/28/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	1.125%	0.051%	5,038,964.84	5,026,566.94	5,021,900.00	(4,666.94)
03/08/19	NA	NA	03/11/22	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	2.500%	2.549%	5,002,750.00	5,000,477.93	5,054,600.00	54,122.07
12/23/20	NA	NA	03/22/22	Aaa/AA+/AAA	FFCB - Note	Fed Farm Credit Bank	10,000,000	0.090%	0.090%	10,000,000.00	10,000,000.00	10,001,900.00	1,900.00
12/19/19	NA	NA	03/31/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	1.875%	1.645%	5,025,585.94	5,006,480.95	5,044,900.00	38,419.05
04/30/21	NA	NA	03/31/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	0.375%	0.056%	5,014,648.44	5,009,226.33	5,007,800.00	(1,426.33)
02/21/20	NA	NA	04/14/22	Aaa/AA+/AAA	FFCB - Note	Fed Farm Credit Bank	5,000,000	1.400%	1.414%	4,998,500.00	4,999,434.87	5,035,400.00	35,965.13
04/23/20	NA	NA	04/21/22	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	10,000,000	1.580%	0.320%	10,250,200.00	10,082,483.52	10,083,500.00	1,016.48
08/12/21	NA	NA	05/31/22	Aaa/NR/AAA	Treasury - Note	US Treasury	10,000,000	1.750%	0.061%	10,135,156.25	10,158,995.03	10,111,700.00	(47,295.03)
04/22/21	NA	NA	06/30/22	Aaa/NR/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.082%	10,005,078.13	10,003,533.63	10,003,100.00	(433.63)
04/30/21	NA	NA	06/30/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.082%	5,002,539.06	5,001,799.99	5,001,550.00	(249.99)
05/28/21	NA	NA	06/30/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.064%	5,003,320.31	5,002,519.43	5,001,550.00	(969.43)
05/20/21	NA	NA	06/30/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	1.750%	0.065%	5,093,750.00	5,069,735.22	5,062,100.00	(7,635.22)
01/15/20	NA	NA	07/15/22	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	5,000,000	1.600%	1.594%	5,000,750.00	5,000,260.69	5,061,500.00	61,239.31
04/28/21	NA	NA	08/31/22	Aaa/NR/NR	Treasury - Note	US Treasury	5,000,000	0.125%	0.102%	5,001,562.50	5,001,160.71	5,001,150.00	(10.71)
04/28/21	NA	NA	09/09/22	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	2.000%	0.112%	5,128,632.30	5,096,152.00	5,089,550.00	(6,602.00)
04/22/21	NA	NA	10/31/22	Aaa/NR/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.110%	10,002,343.75	10,004,522.70	10,000,400.00	(4,122.70)
05/20/21	NA	NA	11/30/22	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.103%	5,001,647.15	5,001,340.70	4,999,200.00	(2,140.70)
09/30/21	NA	NA	01/31/23	Aaa/NR/AAA	Treasury - Note	US Treasury	5,000,000	0.125%	0.143%	4,998,828.13	4,998,830.53	4,997,650.00	(1,180.53)
09/09/21	NA	NA	03/31/23	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.153%	9,995,703.13	9,995,869.56	9,990,600.00	(5,269.56)
09/30/21	NA	NA	04/30/23	Aaa/AA/AAA	Treasury - Note	US Treasury	10,000,000	0.125%	0.202%	9,987,890.63	9,987,911.62	9,986,300.00	(1,611.62)
SUB-TOTAL							\$370,000,000			\$372,248,115.21	\$370,867,821.15	\$371,070,522.75	\$202,701.60

IRVINE RANCH WATER DISTRICT  
INVESTMENT SUMMARY REPORT

09/30/21

SETTLMT	Call Schedule	Initial Call	Maturity Date	Rating	INVESTMENT TYPE	INSTITUTION / ISSUER	PAR Amount	COUPON DISCOUNT	YIELD	ORIGINAL COST	CARRY VALUE	MARKET VALUE <sup>(1)</sup> 9/30/2021	UNREALIZED <sup>(2)</sup> GAIN/(LOSS)
TOTAL INVESTMENTS							\$370,000,000			\$372,248,115.21	\$370,867,821.15	\$371,070,522.75	\$202,701.60
					Petty Cash					3,400.00			
					Ck Balance	Bank of America	ECR	0.19%		20,002,332.77			
										\$392,253,847.98			

<sup>(1)</sup> LAIF market value is as of the most recent quarter-end as reported by LAIF. Security market values are determined using Bank of New York ("Trading Prices"), Bloomberg and/or broker dealer pricing.					Outstanding Variable Rate Debt				\$247,300,000
					Net Outstanding Variable Rate Debt (Less \$60 million fixed-payer swaps)				\$187,300,000
<sup>(2)</sup> Gain (loss) calculated against carry value using the trading value provided by Bank of New York/or Brokers					Investment Balance:				\$392,253,848
<sup>(3)</sup> Real estate rate of return is based on most recent quarter end return					Investment to Variable Rate Debt Ratio:				209%
					Portfolio - Average Number of Days To Maturity				108
This Investment Summary Report is in conformity with the 2021 Investment Policy and provides sufficient liquidity to meet the next six months estimated expenditures. *S - Step up					Investment Portfolio		Real Estate <sup>(3)</sup> Portfolio		Weighted Avg. Return
					September		11.53%		2.73%
					August		11.53%		2.71%
					Change		-0.01%		0.02%

IRVINE RANCH WATER DISTRICT  
SUMMARY OF MATURITIES

09/30/21

DATE	TOTAL	%	LAIF	Agency Notes	Agency Discount Notes	Municipal Bonds	US Treasury
09/21	75,000,000	20.27%	\$75,000,000				
10/21	40,000,000	10.81%		25,000,000	10,000,000		5,000,000
11/21	30,000,000	8.11%					30,000,000
12/21	40,000,000	10.81%		15,000,000			25,000,000
01/22	30,000,000	8.11%		15,000,000	5,000,000		10,000,000
02/22	25,000,000	6.76%		5,000,000			20,000,000
03/22	25,000,000	6.76%		15,000,000			10,000,000
04/22	15,000,000	4.05%		15,000,000			
05/22	10,000,000	2.70%					10,000,000
06/22	25,000,000	6.76%					25,000,000
07/22	5,000,000	1.35%		5,000,000			
08/22	5,000,000	1.35%					5,000,000
SUB-TOTAL	\$325,000,000	87.84%	\$75,000,000	95,000,000	15,000,000		140,000,000
13 Months - 3 YEARS							
9/01/2022 - 11/31/2022	\$20,000,000	5.41%		5,000,000			15,000,000
12/01/2022 - 02/31/2023	\$5,000,000	1.35%					5,000,000
03/01/2023 +	\$20,000,000	5.41%					20,000,000
TOTALS	\$370,000,000	100.00%	\$75,000,000	100,000,000	15,000,000		180,000,000

% OF PORTFOLIO	20.27%	27.03%	4.05%	48.65%
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Irvine Ranch Water District  
Summary of Real Estate - Income Producing Investments  
6/30/2021

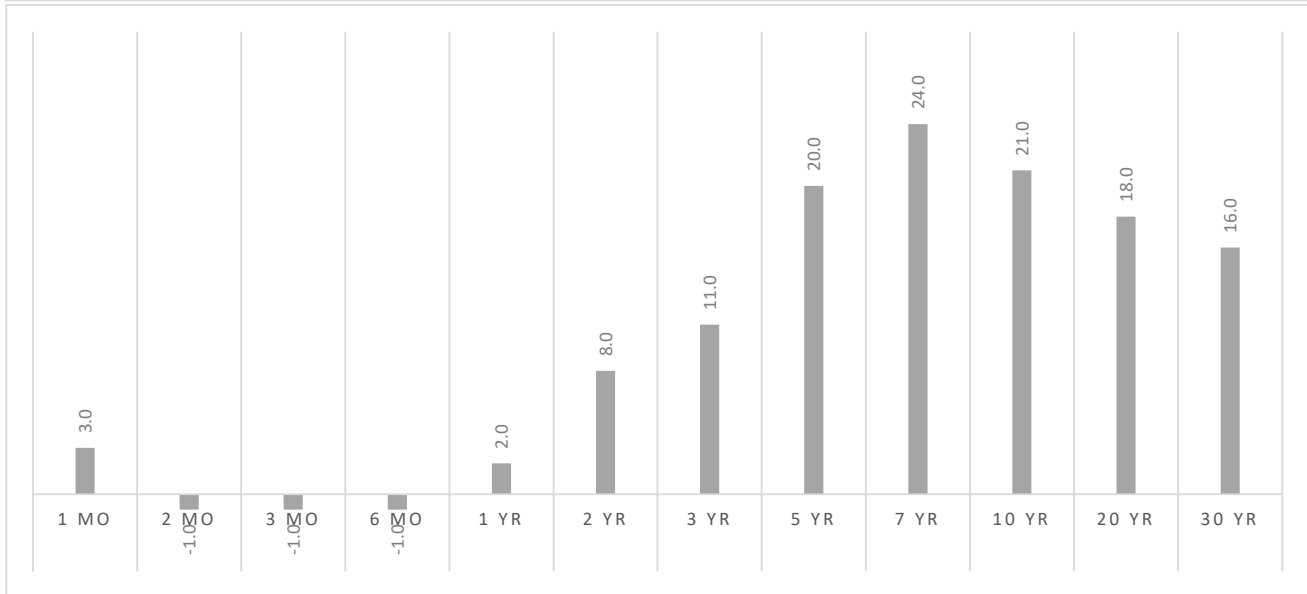
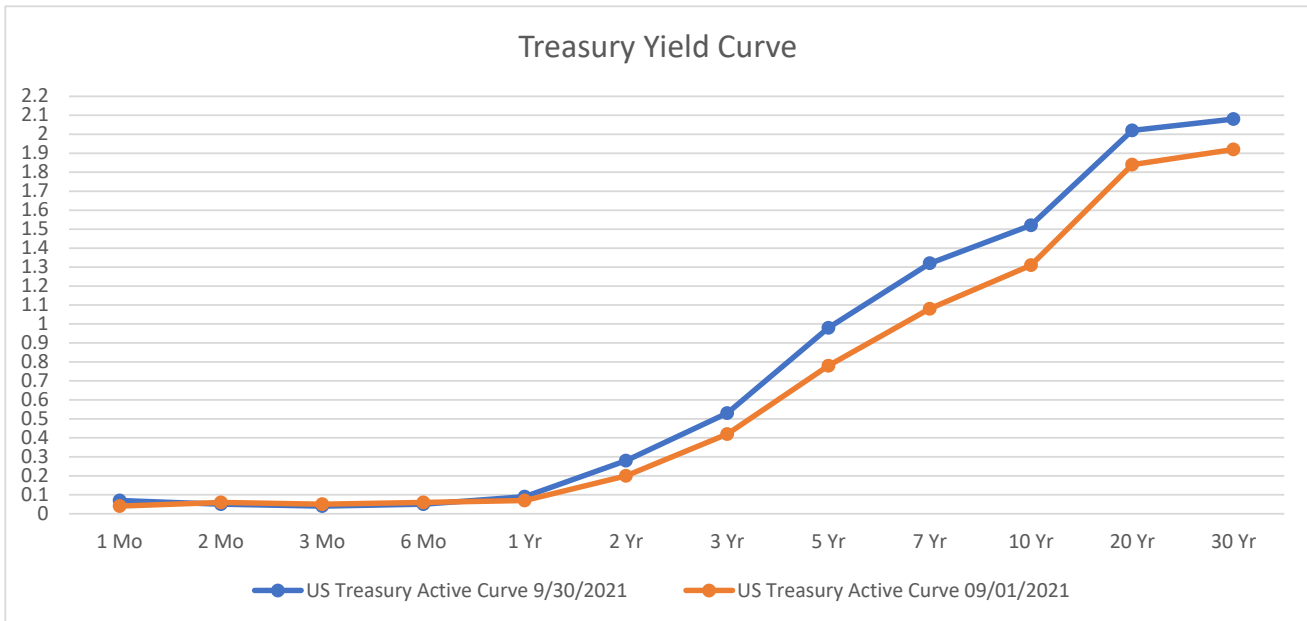
	ACQUISITION DATE	PROPERTY TYPE	OWNERSHIP INTEREST	ORIGINAL COST	MARKET VALUE 6/30/2021	ANNUALIZED RATE OF RETURN QUARTER ENDED 6/30/2021
Sycamore Canyon	Dec-92	Apartments	Fee Simple	\$ 43,550,810	\$ 170,000,000	20.85%
Wood Canyon Villas	Jun-91	Apartments	Limited Partner	\$ 6,000,000	\$ 32,258,924	8.53%
ITC (230 Commerce)	Jul-03	Office Building	Fee Simple	\$ 5,739,845	\$ 12,000,000	10.62%
Waterworks Business Pk.	Nov-08	Research & Dev.	Fee Simple	\$ 8,630,577	\$ 11,600,000	7.27%
Sand Canyon Professional Center - Medical Office	Jul-12	Medical Office	Fee Simple	\$ 8,648,594	\$ 11,900,000	8.90%
Sand Canyon Professional Center - General Office	Sep-20	Office Building	Fee Simple	\$ 25,985,968	\$ 33,250,000	-0.90%
Total - Income Properties				\$ 98,555,794	\$ 271,008,924	11.53%

Sep-21

## PURCHASES

A - 6

## Exhibit "B"

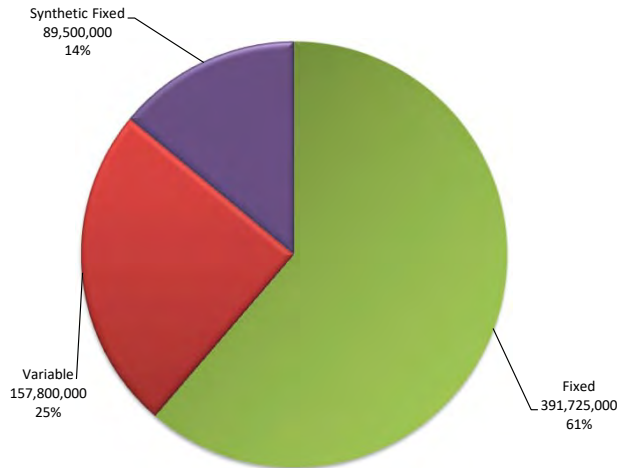


Tenor	US Treasury Active Curve 9/30/2021	US Treasury Active Curve 09/01/2021	Change
1 Mo	0.07	0.04	3.0
2 Mo	0.05	0.06	-1.0
3 Mo	0.04	0.05	-1.0
6 Mo	0.05	0.06	-1.0
1 Yr	0.09	0.07	2.0
2 Yr	0.28	0.2	8.0
3 Yr	0.53	0.42	11.0
5 Yr	0.98	0.78	20.0
7 Yr	1.32	1.08	24.0
10 Yr	1.52	1.31	21.0
20 Yr	2.02	1.84	18.0
30 Yr	2.08	1.92	16.0

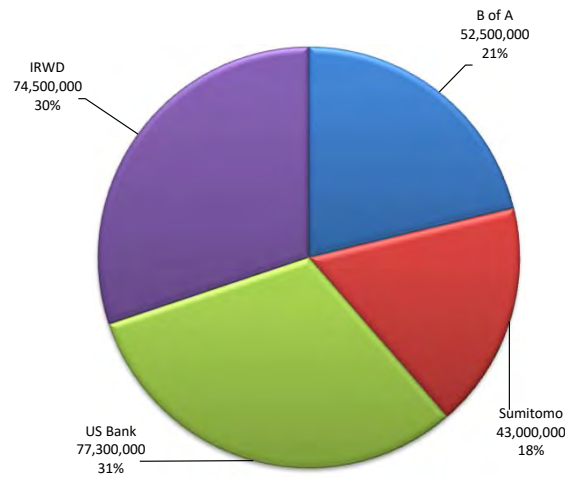
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Exhibit "C"  
**Irvine Ranch Water District**  
**Summary of Fixed and Variable Rate Debt**  
**September 2021**

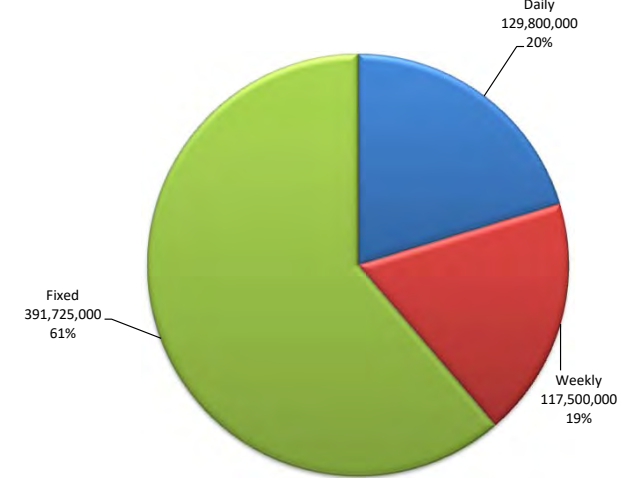
**Current Debt Mix By Type**



**Letters of Credit / Support**



**Current Debt Rate Reset**



**Outstanding Par by Series**

Series	Issue Date	Maturity Date	Remaining Principal	Percent	Letter of Credit/Support	Rmkt Agent	Mode	Reset
Series 1993	05/19/93	04/01/33	\$24,800,000	3.88%	US Bank	BAML	Variable	Daily
Series 2008-A Refunding	04/24/08	07/01/35	\$43,000,000	6.73%	Sumitomo	BAML	Variable	Weekly
Series 2011-A-1 Refunding	04/15/11	10/01/37	\$44,700,000	7.00%	IRWD	Goldman	Variable	Weekly
Series 2011-A-2 Refunding	04/15/11	10/01/37	\$29,800,000	4.66%	IRWD	Goldman	Variable	Weekly
Series 2009 - A	06/04/09	10/01/41	\$52,500,000	8.22%	US Bank	US Bank	Variable	Daily
Series 2009 - B	06/04/09	10/01/41	\$52,500,000	8.22%	B of A	Goldman	Variable	Daily
2016 COPS	09/01/16	03/01/46	\$113,325,000	17.73%	N/A	N/A	Fixed	Fixed
2010 Build America Taxable Bond	12/16/10	05/01/40	\$175,000,000	27.39%	N/A	N/A	Fixed	Fixed
Series 2016	10/12/16	02/01/46	\$103,400,000	16.18%	N/A	N/A	Fixed	Fixed
<b>Total</b>			<b>\$639,025,000</b>	<b>100.00%</b>				

**IRVINE RANCH WATER DISTRICT**  
**SUMMARY OF FIXED & VARIABLE RATE DEBT**

September-21

ITN
Daily
Weekly

GENERAL BOND INFORMATION							LETTER OF CREDIT INFORMATION										TRUSTEE INFORMATION									
VARIABLE RATE ISSUES	Issue Date	Maturity Date	Principal Payment Date	Payment Date	Original Par Amount	Remaining Principal	Letter of Credit	Reimbursement Agreement Date	L/C Exp. Date		MOODY'S	S&P	FITCH	LOC Stated Amount	LOC Fee	Annual LOC Cost	Rmkt Agent	Reset	Rmkt Fees	Annual Cost	Trustee					
SERIES 1993	05/19/93	04/01/33	Apr 1	5th Bus. Day	\$38,300,000	\$24,800,000	US BANK	05/07/15	12/15/21		Aa3/VMIG1	AA-/A-1+	N/R	\$25,134,290	0.3300%	\$82,943	BAML	DAILY	0.10%	\$24,800	BANK OF NY					
SERIES 2008-A Refunding	04/24/08	07/01/35	Jul 1	5th Bus. Day	\$60,215,000	\$43,000,000	SUMITOMO	04/01/11	05/28/25		A1/P-1	A/A-1	A/F1	\$43,636,164	0.3150%	\$137,454	BAML	WED	0.07%	\$30,100	BANK OF NY					
SERIES 2011-A-1 Refunding	04/15/11	10/01/37	Oct 1	1st Bus. Day	\$60,545,000	\$44,700,000	N/A	N/A	N/A		Aa1/VMIG1	A-1+	AAA/F1+	N/A	N/A	N/A	Goldman	WED	0.13%	\$55,875	BANK OF NY					
SERIES 2011-A-2 Refunding	04/15/11	10/01/37	Oct 1	1st Bus. Day	\$40,370,000	\$29,800,000	N/A	N/A	N/A		Aa1/VMIG1	A-1+	AAA/F1+	N/A	N/A	N/A	Goldman	WED	0.13%	\$37,250	BANK OF NY					
SERIES 2009 - A	06/04/09	10/01/41	Oct 1	1st Bus. Day	\$75,000,000	\$52,500,000	US BANK	04/01/11	12/15/21		Aa2/VMIG 1	AA-/A-1+	AA/F1+	\$53,086,849	0.3300%	\$175,187	US Bank	DAILY	0.07%	\$36,750	US BANK					
SERIES 2009 - B	06/04/09	10/01/41	Oct 1	1st Bus. Day	\$75,000,000	\$52,500,000	B of A	04/01/11	05/16/22		Aa2/VMIG 1	A/A-1	A1/F1+	\$53,086,849	0.3000%	\$159,261	Goldman	DAILY	0.10%	\$52,500	US BANK					
					\$349,430,000	\$247,300,000	SUB-TOTAL VARIABLE RATE DEBT										\$174,944,153	0.3172%	\$554,844							
																	(Wt. Avg)					(Wt. Avg)				
FIXED RATE ISSUES																										
2010 GO Build America Taxable Bonds	12/16/10	05/01/40	May (2025)	May/Nov	\$175,000,000	\$175,000,000	N/A	N/A	N/A		Aa1	AAA	NR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	US BANK					
2016 COPS	09/01/16	03/01/46	Mar 1	Mar/Sept	\$116,745,000	\$113,325,000	N/A	N/A	N/A		NR	AAA	AAA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	US BANK					
SERIES 2016	10/12/16	02/01/46	Feb (2022)	Feb/Aug	\$103,400,000	\$103,400,000	N/A	N/A	N/A		NR	AAA	AAA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	BANK OF NY					
					\$395,145,000	\$391,725,000	SUB-TOTAL FIXED RATE DEBT																			
					\$744,575,000	\$639,025,000	TOTAL- FIXED & VARIABLE RATE DEBT																			

Remarketing Agents			GO VS COP's		
Goldman	127,000,000	51%	GO:	525,700,000	82%
BAML	67,800,000	27%	COPS:	113,325,000	18%
US Bank	52,500,000	21%	Total	<u>639,025,000</u>	
	<u>247,300,000</u>				

LOC Banks		Breakdown Between Variable & Fixed Rate Mode	
SUMITOMO	43,000,000	Daily Issues	129,800,000 20%
BANK OF AMERICA	52,500,000	Weekly Issues	43,000,000 7%
US BANK	77,300,000	ITN Issues	74,500,000 12%
	<u>172,800,000</u>	Sub-Total	<u>247,300,000</u>
		Fixed Rate Issues	\$391,725,000 61%
		Sub-Total - Fixed	<u>391,725,000</u>
		TOTAL DEBT	
		FIXED & VAR.	<u>639,025,000</u> 100%

# Exhibit "D"

## SUMMARY OF DEBT RATES Sep-21

Rmkt Agent Mode	GOLDMAN DAILY	GOLDMAN WEEKLY	GOLDMAN WEEKLY	MERRILL LYNCH DAILY	MERRILL LYNCH WEEKLY	US BANK DAILY
Bond Issue	2009 - B	2011 A-1	2011 A-2	1993	2008-A	2009-A
Par Amount	52,500,000	44,700,000	29,800,000	24,800,000	43,000,000	52,500,000
LOC Bank	BOFA	(SIFMA + 3)	(SIFMA + 3)	US BANK	Sumitomo	US BANK
Reset		Wednesday	Wednesday		Wednesday	
9/1/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/2/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/3/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/4/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/5/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/6/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/7/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/8/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/9/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/10/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/11/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/12/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/13/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/14/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/15/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/16/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/17/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/18/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/19/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/20/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/21/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/22/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/23/2021	0.01%	0.05%	0.05%	0.01%	0.02%	0.01%
9/24/2021	0.01%	0.05%	0.05%	0.03%	0.02%	0.02%
9/25/2021	0.01%	0.05%	0.05%	0.03%	0.02%	0.02%
9/26/2021	0.01%	0.05%	0.05%	0.03%	0.02%	0.02%
9/27/2021	0.02%	0.05%	0.05%	0.03%	0.02%	0.02%
9/28/2021	0.02%	0.05%	0.05%	0.03%	0.02%	0.01%
9/29/2021	0.03%	0.05%	0.05%	0.03%	0.02%	0.04%
9/30/2021	0.05%	0.08%	0.08%	0.08%	0.05%	0.05%
Avg Interest Rates	0.01%	0.05%	0.05%	0.02%	0.02%	0.01%
Rmkt Fee	0.10%	0.13%	0.13%	0.10%	0.07%	0.07%
LOC Fee	0.30%			0.33%	0.32%	0.33%
All-In Rate	0.41%	0.18%	0.18%	0.45%	0.41%	0.41%
Par Amount	97,200,000		29,800,000	67,800,000		52,500,000

Interest Rate Mode	Percent of Total Variable Rate Debt	Par Outstanding	Weighted All-In Average Rate	Base Rate Average
Daily	52.49%	129,800,000	0.42%	0.01%
Weekly	47.51%	117,500,000	0.26%	0.04%
	100.00%	\$ 247,300,000	0.34%	0.03%
<b>Fixed</b>				
COPS 2016	28.93%	113,325,000	2.90%	
BABS 2010	44.67%	175,000,000	4.44%	(1)
SERIES 2016	26.40%	103,400,000	3.32%	
	100.00%	\$ 391,725,000	3.70%	
All-In Debt Rate Including \$60 Million Notional Amount of Swaps				2.91%

(1) Rate adjusted up from 4.35% as a result of sequestration reducing BAB's subsidy by 5.7%


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October 14, 2021

Prepared by: A. Hall

Submitted by: T. Mitcham

Approved by: Paul A. Cook 

## FINANCE AND PERSONNEL COMMITTEE

### PERFORMANCE RECOGNITION PROGRAM QUARTERLY UPDATE

#### SUMMARY:

IRWD's District's Performance Recognition Program recognizes employees who exhibit outstanding performance, which depicts initiative, creativity and/or enthusiasm above and beyond the performance requirements of their positions. Below is an update of activities within the program through the first quarter of Fiscal Year 2021-22.

#### BACKGROUND:

During the first quarter of the FY 2021-22, there were 14 Performance Recognition Award nominations totaling \$1,182.00 and involving 36 IRWD employees. As described in Exhibit "A", the awards include employees from the Technical Services, Water Resources and Policy, Operations, Water Quality and Regulatory Compliance, Finance and Administration Departments.

As of September 30, 2021, the fiscal year overall Performance Recognition Awards totaled \$1,182.

#### FISCAL IMPACTS:

The District's annual budget for FY 2021-22 is \$170,000 for the Performance Recognition Program, of which \$1,182 was distributed for performance recognition.

#### RECOMMENDATION:

Receive and file.

#### LISTS OF EXHIBITS:

Exhibit "A" – Quarterly Update for First Quarter of FY 2021-22

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## EXHIBIT A

PERFORMANCE RECOGNITION PROGRAM						
QUARTERLY UPDATE						
Fiscal Year 2021-2022						
Q1 July-September 2021						
QTR.	DATE	EMPLOYEE	PERFORMANCE RECOGNIZED	AWARD	GROSS AMOUNT	NET AMOUNT
1st Qtr.	7/1/2021	Erik Segura	Recognized for his efforts taking a proactive lead on the quality control process for the Meter to Parcel project. Erik worked on new assignments, taking personal ownership, while producing high quality work.	3 Tickets	\$27.00	\$27.00
	"	Vu Chu	Recognized for his successful improvement of the quality control process for Water Efficiency. He was able to reach customers who were previously not available during the initial data gathering that was vital to the project, a result of which caused a challenge to the workflow.	3 Gift Cards	\$30.00	\$30.00
	7/2/2021	Jacob Carlos	Recognized for his efforts in taking on additional responsibilities due to departmental shift changes on the team.	3 Gift Cards	\$30.00	\$30.00
	7/5/2021	Jennifer Davis	Recognized for her efforts assisting an employee with a board write-up change that needed fixing before publishing. Jennifer took it upon herself to locate someone in the office who could assist with the issue. Her sense of urgency on matter was highly appreciated.	3 Gift Cards	\$30.00	\$30.00
	7/6/2021	Linda Orozco	Recognized for her efforts in assisting with a new regulatory regulation during the absence of the Sr. Scientist, who was on vacation. Linda took action and prepared the documentation for the laboratory staff, prepared the report and presented to the Regulatory Sr.Staff. Ultimately, the report became a training aid for the Water Operations staff.	3 Gift Cards	\$30.00	\$30.00
	7/7/2021	Michelle Breiter	Recognized for her efforts on two special projects outside the scope of her work. She took personal ownership for the SWPP contract for three facilities: Baker, LAWRP and Michelson. Michelle managed the contractor's budget, while responding to deliverables to ensure the project was on track. She learned, IRWD had two Septic Tanks via an inquiry from Engineering. Michelle developed a new regulatory program, for IRWD, the Engineering and Maintenance departments on the regulatory requirements of owning such facilities. Her efforts were very timely as Engineering had an active project underway.	3 Gift Cards	\$30.00	\$30.00
	"	Alex Munoz	Recognized for his outstanding customer service in assisting the Regulatory staff as they transitioned back to the office. Alex was proactive in ensuring that all the laptops were setup with the latest software and followed-up with the team to make sure he was meeting their needs. His can-do attitude has been very much appreciated.	3 Gift Cards	\$30.00	\$30.00
	7/19/2021	Robert Denhaan	Recognized for their efforts assisting with the Public Affairs storage items move from the Ops warehouse to Sand Canyon.	3 Gift Cards	\$30.00	\$30.00
	"	Deniene Rivenburg			\$30.00	\$30.00
	"	Julie Bendzik-Sin		"	\$30.00	\$30.00
	"	Connie Ho		"	\$30.00	\$30.00
	"	Jay Eggers		"	\$30.00	\$30.00
	"	Steve Tolerico		"	\$30.00	\$30.00
	7/27/2021	Alvaro Alfaro	Recognized for his efforts addressing a safety issue at the Michelson Plant groundwater discharge point to the San Joaquin Marsh. The Marsh was not safely accessible for regulatory sampling due to flooding around the discharge point, and the sample tap was in disrepair. Al, immediately had the landscapers to clear the over-growth of brush resolving the flooding. He immediately completed workorders for a new sample line and tap. His quick actions taking ensured no delays for the staff collecting their weekly samples.	3 Gift Cards	\$30.00	\$30.00

## EXHIBIT A

PERFORMANCE RECOGNITION PROGRAM						
QUARTERLY UPDATE						
Fiscal Year 2021-2022						
Q1 July-September 2021						
QTR.	DATE	EMPLOYEE	PERFORMANCE RECOGNIZED	AWARD	GROSS AMOUNT	NET AMOUNT
1st Qtr.	7/27/2021	Jacob Kanady	Jacob was conducting the Physical Condition Inspection of the Water Quality Laboratory, and identified a potential safety issue. The older fume hoods inside the laboratory were not equipped with GFCI outlets, despite having water sources within 12 inches. He contacted the Electrical team to assess if each circuit was on a breaker, but if not, determine what should be done to remediate any potential risk(s) in the future.	3 Gift Cards	\$30.00	\$30.00
	8/12/2021	Jesse Perez	Recognized for their support of the MWRP Tertiary Filter Improvement Design Project. The team assisted with site walks, escorting the design consultant for hours at a time, answering questions, and initiating backwashes at the filters.	3 Gift Cards	\$30.00	\$30.00
	"	Pio Reynoso		"	\$30.00	\$30.00
	"	Michael Fites	During the inspections, all seven filters had to be backwashed to lower the water levels in each of the filters for surveying measurements. This included LOTO for the Backwash Supply Tank and the West Spent Backwash Tank.	"	\$30.00	\$30.00
	"	Alex Coria	The Operations staff was on site at 6:00 a.m. to start draining the Backwash Tank in order for the Engineering Consultant to enter the tank to complete the first and second phases of the tank inspections.	"	\$30.00	\$30.00
	"	Gaspar Garza		"	\$30.00	\$30.00
	"	Wayne Sidlin		"	\$30.00	\$30.00
	8/16/2021	Husai Magana	Recognized by an IRWD customer whose home was experiencing low water pressure. During his interaction with the customer, Husai was courteous, professional explained his process on what he was doing, and provided great service.	2 Gift Cards	\$20.00	\$20.00
	8/18/2021	Andrew Willis	Recognized for their efforts during the installation of new baffle walls in the Clarifiers at the Baker WTP. This project required two full weeks to complete, a requisite of which was flexibility and teamwork from each involved employee.	2 Gift Cards	\$20.00	\$20.00
	"	Mark Nelson		"	\$20.00	\$20.00
	"	Michael Drew		"	\$20.00	\$20.00
	"	Anthony Brunning		"	\$20.00	\$20.00
	"	Miguel Cadena		"	\$20.00	\$20.00
	"	Jason Monday		"	\$20.00	\$20.00
	"	Harry Yanes		"	\$20.00	\$20.00
	9/7/2021	Oliver Mendoza	Recognized for their collective efforts in automating and centralizing the Treasury department's electronic correspondence to the bank, that currently costs \$2.34 per email. This will eliminate redundancies, resulting in a cost savings to the District of approximately \$2,500 per year. The team took ownership and accountability of the project, which demonstrated IRWD's value of Teamwork and Collaboration.	3 Gift Cards	\$30.00	\$30.00
	"	Denise To-Nguyen		"	\$30.00	\$30.00
	"	Cheryl Carter		3 Gift Cards	\$15.00	\$15.00
	"	May Geng		"	\$15.00	\$15.00
	"	Michael Arana	Recognized for his teamwork and collaborative efforts in assisting with an employee's missed deferred compensation catch-up election contribution.	5 Gift Cards	\$25.00	\$25.00
	9/14/2021	Debra Pardee	Recognized for her efforts to simplifying the F&P Quarterly Operations Highlights write-up. The new write-up has significantly simplified the report, providing clear and succinct explanations, making it much easier to understand.	Payroll Check	\$250.00	\$243.37
	9/20/2021	Alex Munoz	Recognized for his outstanding Customer Service assisting the Meter shop with programming and calibrating software requirements. Alex went above-and-beyond and ensuring that the software configuration was setup properly.	3 Gift Cards	\$30.00	\$30.00
	14 Awards	36 Recipients	First Quarter Total Awards		\$1,182.00	\$1,175.37
			FISCAL YEAR TO DATE TOTAL		\$1,182.00	\$1,175.37

October 14, 2021  
Prepared by: J. Davis  
Submitted by: R. Jacobson / C. Clary  
Approved by: Paul A. Cook *PAK*

FINANCE AND PERSONNEL COMMITTEE

LETTER OF CREDIT EXTENSIONS FOR THE SERIES 1993 AND 2009A BONDS

SUMMARY:

IRWD currently has \$24.8 million of Consolidated Series 1993 Bonds and \$52.5 million of Consolidated Series 2009A Bonds supported by U.S. Bank N.A. letters of credit (LOCs) scheduled to expire on December 15, 2021. U.S. Bank provided a proposal to extend both LOCs for a 1.5-year or 3.5-year term. Based on the proposal received and feedback from the District's municipal advisor, Public Financial Management (PFM), staff recommends the Board authorize staff to extend the U.S. Bank LOCs for 3.5 years at a rate of 0.30% per year.

BACKGROUND:

IRWD currently has a total of \$77.3 million (\$24.8 million of 1993 Bonds and \$52.5 million of 2009A Bonds) supported by U.S. Bank LOCs, scheduled to expire on December 15, 2021. Current pricing for the LOCs is 0.33% per year. U.S. Bank provided a proposal to extend the LOCs for a 1.5-year or 3.5-year term at an annual rate of 0.25% and 0.30%, respectively.

Staff reviewed current LOC market rates with PFM to ensure the fee proposal was competitive with current LOC pricing from other banks of similar credit quality. Staff recommends the Board authorize the extension of the LOCs for a 3.5-year term at an annual cost of 0.30%, a 0.03% reduction from the current LOC fees. The Letter of Credit Pricing is provided as Exhibit "A".

FISCAL IMPACTS:

Extending the U.S. Bank Letters of Credit for the 1993 Bonds and 2009A Bonds for a 3.5-year term at 0.30% will result in an estimated total cost of \$741,462. The LOC fee reduction from 0.33% to 0.30% provides a savings of approximately \$115,600. Expenses related to the extension for legal services and other miscellaneous costs are estimated at \$19,000.

RECOMMENDATION:

That the Board authorize staff to extend the U.S. Bank Letters of Credit for IRWD's 1993 Bonds and the 2009A Bonds to May 2025 at an annual cost of 0.30%.

LIST OF EXHIBITS:

Exhibit "A" – Letter of Credit Pricing

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**EXHIBIT "A"**

IRIVNE RANCH WATER DISTRICT  
US BANK LETTER OF CREDIT PRICING  
September 2, 2021

<b>Series 1993 Bonds</b>							
<b>Fiscal Year</b>	<b>Prinicpal</b>	<b>Stated<sup>(1)</sup></b>	<b><u>Current</u></b>		<b><u>Proposed</u></b>		<b>Savings</b>
			<b>LC Fee</b>	<b>Annual Cost</b>	<b>LC Fee</b>	<b>Annual Cost</b>	
FY 21-22 <sup>(2)</sup>	24,800,000	25,134,290	0.330%	82,943	0.30%	37,701	45,242
FY 22-23	23,000,000	23,310,027	0.330%	76,923	0.30%	69,930	6,993
FY 23-24	21,000,000	21,283,068	0.330%	70,234	0.30%	63,849	6,385
FY 24-25	19,100,000	19,357,458	0.330%	63,880	0.30%	58,072	5,807
<b>Total</b>				<b>293,980</b>		<b>229,553</b>	<b>64,427</b>

(1) Stated amount represents the average par amount of bonds outstanding for the 1993 Bonds, plus 41 days of interest at the maximum rate of 12%

(2) Represents a 6-month period

<b>Series 2009A Bonds</b>							
<b>Fiscal Year</b>	<b>Prinicpal</b>	<b>Stated<sup>(1)</sup></b>	<b><u>Current</u></b>		<b><u>Proposed</u></b>		<b>Savings</b>
			<b>LC Fee</b>	<b>Cost</b>	<b>LC Fee</b>	<b>Cost</b>	
FY 21-22 <sup>(2)</sup>	52,500,000	53,086,849	0.330%	87,593	0.30%	79,630	7,963
FY 22-23	50,000,000	50,558,904	0.330%	166,844	0.30%	151,677	15,168
FY 23-24	47,500,000	48,030,959	0.330%	158,502	0.30%	144,093	14,409
FY 24-25	45,000,000	45,503,014	0.330%	150,160	0.30%	136,509	13,651
<b>Total</b>				<b>563,100</b>		<b>511,909</b>	<b>51,191</b>

(1) Stated amount represents the average par amount of bonds outstanding for the 2009A Bonds, plus 34 days of interest at the maximum rate of 12%

(2) Represents a 6-month period

Estimated Expenses: 19,000

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