Finance Committee Via Teams

Meeting Agenda November 1, 2022 1:00PM

Committee members:

Jeff Gadman, County Treasurer, Committee Chair Mary Hall, County Auditor, Committee Secretary Carolina Mejia, County Commissioner, Committee Member

- 1. Approve Minutes of July 25, 2022
- 2. Review 3rd quarter performance (All figures are as of September 30, 2022)

Portfolio Earnings by Month

- Yield for September 1.12% 2022 Average 0.83%
- LGIP 2022 Average Rate 0.93%

Portfolio Snapshot (September 2022)

- Total Investments \$1,155,689,000
- 7.7% in invested cash (\$89,000,000) and 18.3% maturing in less than 1 year (\$211,420,000)

TCIP Portfolio Summary

- Mark to market 94.14%
- Weighted Average Maturity 1.90 years
- 3. Quarterly Commentary
- 4. Draft Debt Policy Review Update
- 5. Other



Thurston County Finance Committee Meeting Minutes 7/25/2022

Members Present: Treasurer Jeff Gadman, Commissioner Carolina Mejia, Auditor Mary Hall Others Present: Nicole Muegge, Cathleen Bright

- 1. Moved by Commissioner Mejia, seconded by Auditor Hall, to approve May 2, 2022, and June 13, 2022 meeting minutes. Motion carried.
- 2. Second Quarter Performance:

Portfolio Earnings by Month

- Yield for June 0.91%, annual average 0.72%
- LGIP 2022 Average Rate 0.39%

Portfolio Snapshot (June 2022)

- Total Investments (as of Select last day of quarter, \$ 1,190,350,000
 - o 7.1 % in invested cash \$85,000,000
 - o 16% maturing in less than 1 year (\$190,091,000)

TCIP Portfolio Summary

- Mark to market 95.9% (securities only)
- 3. Quarterly Commentary (attached)
- Draft Debt Policy Review Update
 Nicole had comments about the proposal and will respond to the email Treasurer Gadman sent out earlier.
 Treasurer Gadman will again solicit input from Robin Campbell. Will distribute a final draft prior to resubmission to WPTA.

Respectfully Submitted,

Mary Hall

Mary Hall

Secretary, Finance Committee

2022

Quarterly Commentary

Prepared by Nicole Muegge, Investment & Banking Officer

July: No purchases were made this month. As anticipated, we began our lag behind LGIP as their rate crept up to 1.52% this month. However, we were able to break 1% with a yield of 1.02%. It is anticipated to hold pretty close to this yield in the next month as purchases will be limited to the end of August due to restrictions on cash available for investments. The Fed did raise rates again another 75bps this month. After the 1st of the month the curve inverted between the 2yr and 10yr again and remains so at the end of the month. There was also another significant move in short term rates with the 2 year beginning the month at 2.78%. The rate mostly climbed throughout the month with some fluctuation towards the end, ultimately ending the month at 2.90% (though we did see as high as 3.9% on July 19th).

August: We made one new purchase this month. Cash was still tight but there was just enough to add a short callable. It was an interesting piece with a February maturity, callable one time in 3 months and yielding 3%. As anticipated our yield held pretty close to last month, increasing by 3bps to 1.05%. With the continued increase in LGIP (2.12% for August), higher rates on the money market account at Cathay, and the end of month purchase, I anticipate next month's yield on the pool should be higher again, but will still lag behind LGIP for a while now. We are trying to ascertain additional details regarding expected cash flows as there is still not availability for new purchases foreseen in the near future. This makes it difficult to take advantage of some of the higher rates.

September: No new purchases were made this month. Cash is still extremely tight. Our available cash outside of investments has held below our normal average balance we target, but has not yet fallen below the floor/minimum balance we try not to ever go below. Options were evaluated for rebalancing the portfolio but found no current value in doing this. Rates continue to tick higher but so does cash spending. Payrolls for districts are higher and it seems ARPA funds are likely getting spent at faster rates now also. Additional information has been requested from various entities to try to capture a better picture of actual needs over the next 6 months to 2 years. We are looking at ways of capturing cash flow history from Munis as well prior to migrating to the new ERP so that we can continue to model based on ongoing historical flows.

Thurston County Investment Pool Portfolio Earnings - By Month

	Portfolio (TCIP)			LGIP
2022	Average Daily Cash Balance	Gross Earnings	Earnings Rate	Earnings Rate
January	\$ 1,116,435,146	\$ 609,365	0.58%	0.09%
February	1,110,868,214	637,859	0.68%	0.10%
March	1,114,359,530	684,227	0.66%	0.20%
April	1,176,561,677	742,875	0.70%	0.40%
May	1,295,664,510	918,887	0.76%	0.65%
June	1,229,161,435	995,009	0.91%	0.89%
July	1,193,840,667	1,110,510	1.02%	1.52%
August	1,179,874,923	1,135,262	1.05%	2.12%
September	1,166,188,603	1,148,695	1.12%	2.39%
October				
November				
December				
Average/Total	\$ 1,175,883,856	\$ 7,982,688	0.83%	0.93%

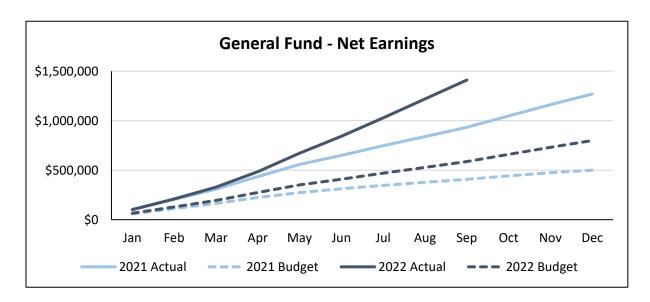
	Portfolio (TCIP)			LGIP
2021	Average Daily Cash Balance	Gross Earnings	Earnings Rate	Earnings Rate
January	\$ 1,032,494,305	\$ 644,017	0.67%	0.13%
February	1,032,491,486	629,518	0.73%	0.13%
March	1,029,852,633	627,617	0.65%	0.11%
April	1,094,020,912	622,358	0.63%	0.09%
May	1,222,930,842	629,898	0.55%	0.07%
June	1,151,476,742	591,232	0.56%	0.07%
July	1,097,891,770	599,748	0.58%	0.17%
August	1,093,933,300	569,223	0.55%	0.07%
September	1,081,645,807	563,451	0.57%	0.08%
October	1,114,042,886	578,180	0.55%	0.09%
November	1,253,170,661	588,228	0.51%	0.08%
December	1,125,415,020	623,797	0.59%	0.09%
Average/Total	\$ 1,110,780,530	\$ 7,267,266	0.59%	0.10%

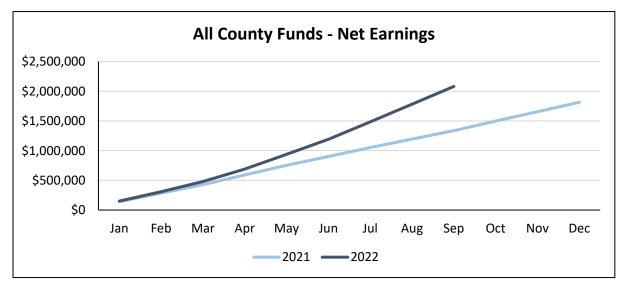
Thurston County Investment Pool
Portfolio Earnings - Year to Date (Cumulative)

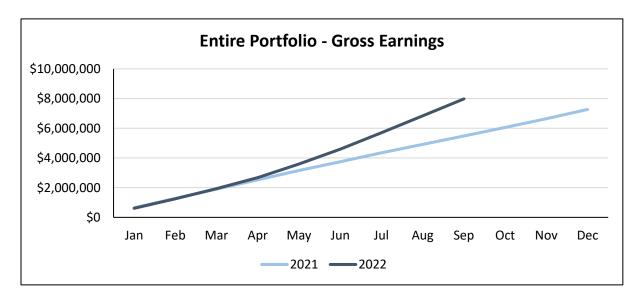
2022	Genera	al Fund	All County Funds	Entire Portfolio
2022	Actual Net Earnings	Budgeted Earnings	Net Earnings	Gross Earnings
January	\$ 101,841	\$ 65,300	\$ 150,313	\$ 609,365
February	208,507	129,100	307,603	1,247,224
March	328,564	194,100	478,633	1,931,451
April	484,656	274,200	688,580	2,674,326
May	671,234	351,400	936,469	3,593,213
June	842,735	408,700	1,190,845	4,588,222
July	1,028,540	470,300	1,483,825	5,698,732
August	1,219,975	528,500	1,781,775	6,833,993
September	1,411,148	587,400	2,081,721	7,982,688
October		659,700		
November		731,200		
December		800,000		

2021	General Fund		All County Funds	Entire Portfolio
2021	Actual Net Earnings	Budgeted Earnings	Net Earnings	Gross Earnings
January	\$ 103,757	\$ 58,400	\$ 141,505	\$ 644,017
February	205,043	112,000	282,804	1,273,535
March	308,437	164,000	425,273	1,901,152
April	435,573	224,300	590,657	2,523,510
May	558,259	273,900	751,849	3,153,407
June	649,303	312,700	900,489	3,744,639
July	747,238	346,000	1,051,713	4,344,387
August	839,748	377,500	1,193,859	4,913,610
September	933,247	408,000	1,335,725	5,477,061
October	1,048,187	442,300	1,497,804	6,055,240
November	1,161,758	474,700	1,655,042	6,643,469
December	1,271,025	500,000	1,814,484	7,267,266

Portfolio Earnings - Year to Date (Cumulative)





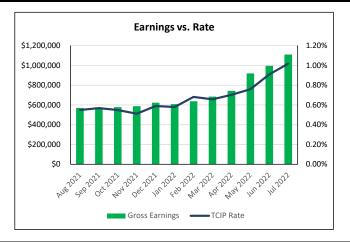


Portfolio Snapshot

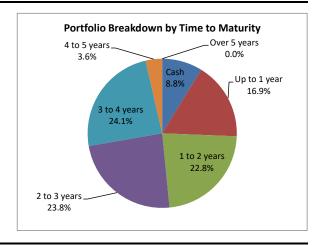
Date: 7/31/2022

July 2022				
TCIP Rate	1.02%			
LGIP Rate	1.52%			
Gross Earnings	\$1,110,510			
Avg Daily Cash Bal	\$1,193,840,667			

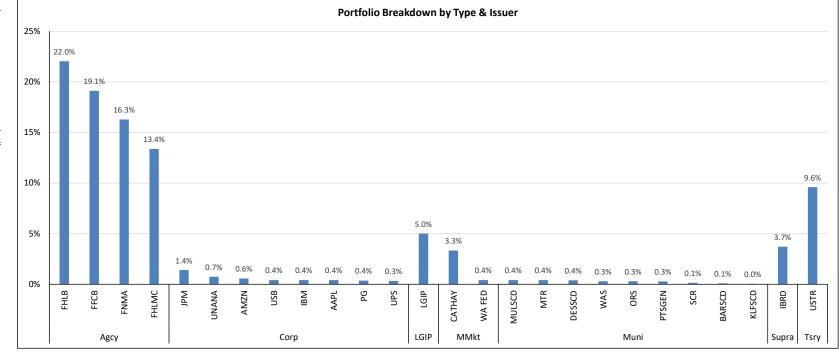
12-Month Average TCIP Rate 0.67% LGIP Rate 0.35% Gross Earnings \$718,468 Avg Daily Cash Bal \$1,158,758,238



Time to Maturity	Face Value
Cash	105,000,000
Up to 1 year	202,081,000
1 to 2 years	273,135,000
2 to 3 years	285,125,000
3 to 4 years	288,750,000
4 to 5 years	43,259,000
Over 5 years	-
Total	1,197,350,000



Туре	Face Value
Agcy	848,129,000
CD	-
Corp	56,031,000
CP	-
LGIP	60,000,000
MMkt	45,000,000
Muni	28,705,000
Supra	44,485,000
Tbill	-
Tsry	115,000,000
Total	1,197,350,000



Compliance Verification

Date: 7/31/2022 Status: In Compliance

				Compliance Status	
Type/Issuer	Issuer Name	Face Value	% of Portfolio	Under Max	Rule
Agcy					
FHLB	FEDERAL HOME LOAN BANK	263,925,000	22.0%		
FFCB	FEDERAL FARM CREDIT BANK	228,860,000	19.1%		
FNMA	FEDERAL NATIONAL MTG ASSN	195,129,000	16.3%		
FHLMC	FEDERAL HOME LOAN MTG CORP	160,215,000	13.4%		
Agcy Total		848,129,000	70.8%	229,486,000	Agcy <= 90%
Corp					
JPM	JP MORGAN	16,860,000	1.4%	19,060,500	Issuer <= 3%
UNANA	UNILEVER CAPTIAL CORP	8,900,000	0.7%	27,020,500	Issuer <= 3%
AMZN	AMAZON.COM INC	6,870,000	0.6%	29,050,500	Issuer <= 3%
IBM	IBM CORP	5,000,000	0.4%	30,920,500	Issuer <= 3%
USB	US BANK	5,000,000	0.4%	30,920,500	Issuer <= 3%
AAPL	APPLE INC	4,990,000	0.4%	30,930,500	Issuer <= 3%
PG	PROCTER & GAMBLE	4,411,000	0.4%	31,509,500	Issuer <= 3%
UPS	UNITED PARCEL SERVICE	4,000,000	0.3%		Issuer <= 3%
Corp Total		56,031,000	4.7%	63,704,000	Corp+CP <= 10%
LGIP					·
LGIP	LOCAL GOV'T INVESTMENT POOL	60,000,000	5.0%		
LGIP Total		60,000,000	5.0%	N/A	LGIP <= 100%
MMkt		, ,			
CATHAY	CATHAY BANK	40,000,000	3.3%		
WA FED	WASHINGTON FEDERAL	5,000,000	0.4%		
MMkt Total		45,000,000	3.8%	433,940,000	MMkt <= 40%
Muni (In State)					
WAS	WASHINGTON STATE	3,625,000	0.3%	56,242,500	Issuer <= 5%
PTSGEN	PORT OF SEATTLE WA REVENUE	3,505,000	0.3%	56,362,500	Issuer <= 5%
Muni (In State) Total		7,130,000	0.6%	232,340,000	Muni-in <= 20%
Muni (Out of State)		, ,			
MULSCD	MULTNOMAH COUNTY SCHOOL DIST	5,000,000	0.4%	54,867,500	Issuer <= 5%
MTR	METRO OR	5,000,000	0.4%	54,867,500	Issuer <= 5%
DESSCD	DESCHUTES CNTY OR ADMIN SD 1	4,740,000	0.4%	55,127,500	Issuer <= 5%
ORS	OREGON ST	3,510,000	0.3%		Issuer <= 5%
SCR	SANTA CLARA CNTY CA	1,675,000	0.1%		Issuer <= 5%
BARSCD	BARBERS HILL TX INDEP SCH DIST	1,150,000	0.1%		Issuer <= 5%
KLFSCD	KLAMATH FALLS OR CITY SCHS	500,000	0.0%	, ,	Issuer <= 5%
Muni (Out of State) Total		21,575,000	1.8%	, ,	Muni-out <= 15%
Supra		, , , , , , , , , , , , , , , , , , , ,		, , , ,	
IBRD	INT'L BANK RECON & DEVELOPMENT	44,485,000	3.7%	75,250,000	Issuer <= 10%
Supra Total		44,485,000		135,117,500	Supra <= 15%
Tsry		, ,		, ,	
USTR	U.S. TREASURY	115,000,000	9.6%		
Tsry Total		115,000,000	9.6%		Tsry <= 100%
Grand Total		1,197,350,000	100.0%	<u> </u>	,

			Complia	nce Status
Yrs to Mat	Face Value	% of Portfolio	Over Min	Rule
0-1	307,081,000	25.6%	67,611,000	0-1 yr >= 20%
1-2	273,135,000	22.8%		
2-3	285,125,000	23.8%		
3-4	288,750,000	24.1%		
4-5	43,259,000	3.6%		
Grand Total	1,197,350,000	100.0%		

Portfolio Snapshot

Date: 8/31/2022

August 2022			
TCIP Rate	1.05%		
LGIP Rate	2.12%		
Gross Earnings	\$1,135,262		
Avg Daily Cash Bal	\$1,179,874,923		

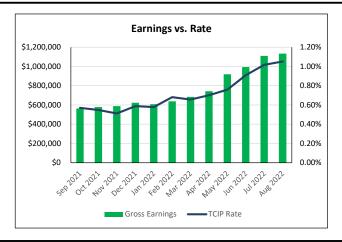
 12-Month Average

 TCIP Rate
 0.71%

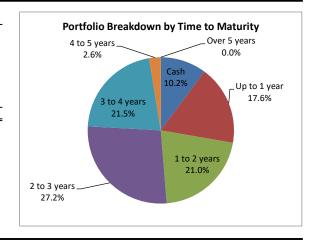
 LGIP Rate
 0.53%

 Gross Earnings
 \$765,637

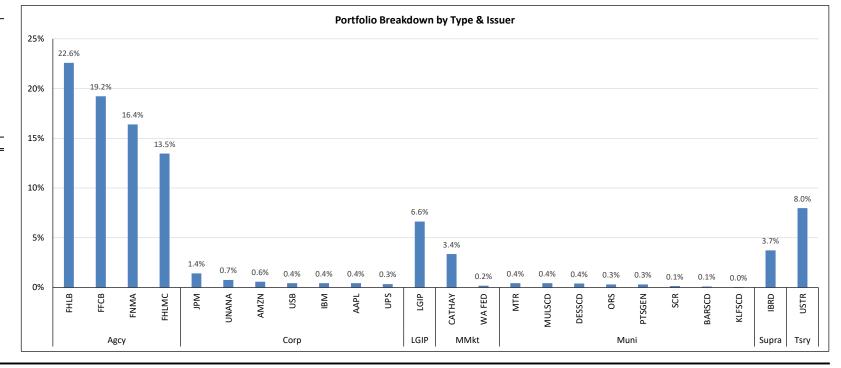
 Avg Daily Cash Bal
 \$1,165,920,040



Time to Maturity	Face Value
Cash	121,000,000
Up to 1 year	209,045,000
1 to 2 years	249,810,000
2 to 3 years	323,450,000
3 to 4 years	256,255,000
4 to 5 years	30,754,000
Over 5 years	-
Total	1,190,314,000



Туре	Face Value
Agcy	853,129,000
CD	-
Corp	51,620,000
CP	=
LGIP	79,000,000
MMkt	42,000,000
Muni	25,080,000
Supra	44,485,000
Tbill	-
Tsry	95,000,000
Total	1,190,314,000



Thurston County Investment Pool Compliance Verification

8/31/2022 Date: Status: In Compliance

					iance Status
Type/Issuer	Issuer Name	Face Value	% of Portfolio	Under Max	Rule
Agcy					
FHLB	FEDERAL HOME LOAN BANK	268,925,000	22.6%		
FFCB	FEDERAL FARM CREDIT BANK	228,860,000	19.2%		
FNMA	FEDERAL NATIONAL MTG ASSN	195,129,000	16.4%		
FHLMC	FEDERAL HOME LOAN MTG CORP	160,215,000	13.5%		
Agcy Total		853,129,000	71.7%	218,153,600	Agcy <= 90%
Corp					
JPM	JP MORGAN	16,860,000	1.4%	18,849,420	Issuer <= 3%
UNANA	UNILEVER CAPTIAL CORP	8,900,000	0.7%	26,809,420	Issuer <= 3%
AMZN	AMAZON.COM INC	6,870,000	0.6%	28,839,420	Issuer <= 3%
IBM	IBM CORP	5,000,000	0.4%	30,709,420	Issuer <= 3%
USB	US BANK	5,000,000	0.4%	30,709,420	Issuer <= 3%
AAPL	APPLE INC	4,990,000	0.4%	30,719,420	Issuer <= 3%
UPS	UNITED PARCEL SERVICE	4,000,000	0.3%	31,709,420	Issuer <= 3%
Corp Total		51,620,000	4.3%	67,411,400	Corp+CP <= 10%
LGIP		, ,		, ,	•
LGIP	LOCAL GOV'T INVESTMENT POOL	79,000,000	6.6%		
LGIP Total		79,000,000	6.6%	N/A	LGIP <= 100%
MMkt		.,,			
CATHAY	CATHAY BANK	40,000,000	3.4%		
WA FED	WASHINGTON FEDERAL	2,000,000	0.2%		
MMkt Total		42,000,000	3.5%	434.125.600	MMkt <= 40%
Muni (In State)		,,		, ,,,,,,,,	
PTSGEN	PORT OF SEATTLE WA REVENUE	3,505,000	0.3%	56.010.700	Issuer <= 5%
Muni (In State) Total		3,505,000	0.3%	234,557,800	Muni-in <= 20%
Muni (Out of State)		.,,		,,	
MULSCD	MULTNOMAH COUNTY SCHOOL DIST	5.000.000	0.4%	54.515.700	Issuer <= 5%
MTR	METRO OR	5,000,000	0.4%	54,515,700	Issuer <= 5%
DESSCD	DESCHUTES CNTY OR ADMIN SD 1	4,740,000	0.4%	54,775,700	Issuer <= 5%
ORS	OREGON ST	3,510,000	0.3%	56,005,700	Issuer <= 5%
SCR	SANTA CLARA CNTY CA	1,675,000	0.1%	57,840,700	Issuer <= 5%
BARSCD	BARBERS HILL TX INDEP SCH DIST	1,150,000	0.1%		Issuer <= 5%
KLFSCD	KLAMATH FALLS OR CITY SCHS	500,000	0.0%		Issuer <= 5%
Muni (Out of State) Total		21,575,000	1.8%		Muni-out <= 15%
Supra		,,,,,,,			
IBRD	INT'L BANK RECON & DEVELOPMENT	44.485.000	3.7%	74.546.400	Issuer <= 10%
Supra Total		44,485,000		134,062,100	Supra <= 15%
Tsry		,,	/0	,, 100	
USTR	U.S. TREASURY	95,000,000	8.0%		
Tsry Total	5.5	95,000,000	8.0%	N/A	Tsry <= 100%
Grand Total		1,190,314,000	100.0%		,
Orana rotar		., 130,017,000	100.070		

				Compliance Stat	tus
Yrs to Mat	Face Value	% of Portfolio	Ove	er Min	Rule
0-1	330,045,000	27.7%		91,982,200	0-1 yr >= 20%
1-2	249,810,000	21.0%			
2-3	323,450,000	27.2%			
3-4	256,255,000	21.5%			
4-5	30,754,000	2.6%			
Grand Total	1,190,314,000	100.0%			
			Weig	ghted Average M	laturity
WAM	1.92	Under Max	1.08	Rule	WAM <= 3.0

Portfolio Snapshot

Date: 9/30/2022

 September 2022

 TCIP Rate
 1.12%

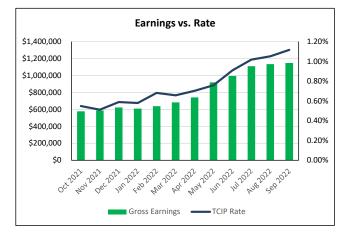
 LGIP Rate
 2.39%

 Gross Earnings
 \$1,148,695

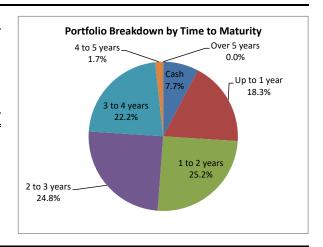
 Avg Daily Cash Bal
 \$1,166,188,603

12-Month Average TCIP Rate 0.76% LGIP Rate 0.72% Gross Earnings \$814,408

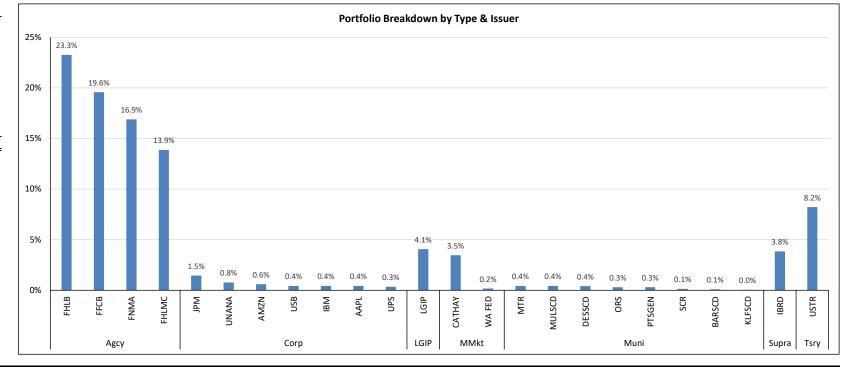
Avg Daily Cash Bal \$1,172,965,273



Time to Maturity	Face Value
Cash	89,000,000
Up to 1 year	211,420,000
1 to 2 years	291,445,000
2 to 3 years	286,815,000
3 to 4 years	257,009,000
4 to 5 years	20,000,000
Over 5 years	-
Total	1,155,689,000



Туре	Face Value
Agcy	850,504,000
CD	-
Corp	51,620,000
CP	-
LGIP	47,000,000
MMkt	42,000,000
Muni	25,080,000
Supra	44,485,000
Tbill	-
Tsry	95,000,000
Total	1,155,689,000



Compliance Verification

Date: 9/30/2022 Status: In Compliance

				Compl	iance Status
Type/Issuer	Issuer Name	Face Value	% of Portfolio	Under Max	Rule
Agcy					
FHLB	FEDERAL HOME LOAN BANK	268,925,000	23.3%		
FFCB	FEDERAL FARM CREDIT BANK	226,235,000	19.6%		
FNMA	FEDERAL NATIONAL MTG ASSN	195,129,000	16.9%		
FHLMC	FEDERAL HOME LOAN MTG CORP	160,215,000	13.9%		
Agcy Total		850,504,000	73.6%	189,616,100	Agcy <= 90%
Corp					
JPM	JP MORGAN	16,860,000	1.5%	, ,	Issuer <= 3%
UNANA	UNILEVER CAPTIAL CORP	8,900,000	0.8%		Issuer <= 3%
AMZN	AMAZON.COM INC	6,870,000	0.6%		Issuer <= 3%
IBM	IBM CORP	5,000,000	0.4%	29,670,670	Issuer <= 3%
USB	US BANK	5,000,000	0.4%	-,,	Issuer <= 3%
AAPL	APPLE INC	4,990,000	0.4%	, ,	Issuer <= 3%
UPS	UNITED PARCEL SERVICE	4,000,000	0.3%		Issuer <= 3%
Corp Total		51,620,000	4.5%	63,948,900	Corp+CP <= 10%
LGIP					
LGIP	LOCAL GOV'T INVESTMENT POOL	47,000,000	4.1%		
LGIP Total		47,000,000	4.1%	N/A	LGIP <= 100%
MMkt					
CATHAY	CATHAY BANK	40,000,000	3.5%		
WA FED	WASHINGTON FEDERAL	2,000,000	0.2%		
MMkt Total		42,000,000	3.6%	420,275,600	MMkt <= 40%
Muni (In State)					
PTSGEN	PORT OF SEATTLE WA REVENUE	3,505,000	0.3%	,,	Issuer <= 5%
Muni (In State) Total		3,505,000	0.3%	227,632,800	Muni-in <= 20%
Muni (Out of State)					
MULSCD	MULTNOMAH COUNTY SCHOOL DIST	5,000,000	0.4%	- , - ,	Issuer <= 5%
MTR	METRO OR	5,000,000	0.4%	- , - ,	Issuer <= 5%
DESSCD	DESCHUTES CNTY OR ADMIN SD 1	4,740,000	0.4%	,- ,	Issuer <= 5%
ORS	OREGON ST	3,510,000	0.3%	, ,	Issuer <= 5%
SCR	SANTA CLARA CNTY CA	1,675,000	0.1%	, ,	Issuer <= 5%
BARSCD	BARBERS HILL TX INDEP SCH DIST	1,150,000	0.1%	,,	Issuer <= 5%
KLFSCD	KLAMATH FALLS OR CITY SCHS	500,000	0.0%	- , - ,	Issuer <= 5%
Muni (Out of State) Total		21,575,000	1.9%	151,778,350	Muni-out <= 15%
Supra	N.T				
IBRD	INT'L BANK RECON & DEVELOPMENT	44,485,000	3.8%		Issuer <= 10%
Supra Total		44,485,000	3.8%	128,868,350	Supra <= 15%
Tsry					
USTR	U.S. TREASURY	95,000,000	8.2%		
Tsry Total		95,000,000	8.2%	N/A	Tsry <= 100%
Grand Total		1,155,689,000	100.0%		

				Compliance Stat	tus
Yrs to Mat	Face Value	% of Portfolio	Ove	er Min	Rule
0-1	300,420,000	26.0%		69,282,200	0-1 yr >= 20%
1-2	291,445,000	25.2%			
2-3	286,815,000	24.8%			
3-4	257,009,000	22.2%			
4-5	20,000,000	1.7%			
Grand Total	1,155,689,000	100.0%			
	·		Wei	ghted Average M	laturity
WAM	1.90	Under Max	1.10	Rule	WAM <= 3.0



Thurston Co Investment Pool Portfolio Management Portfolio Summary September 30, 2022

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Federal Agency Coupon Securities	850,504,000.00	793,078,640.78	847,309,022.22	73.38	1,318	769	1.132	1.148
Treasury Coupon Securities	95,000,000.00	90,763,476.50	95,274,915.72	8.25	911	509	0.675	0.684
Supranationals	44,485,000.00	40,057,749.60	45,015,061.84	3.90	1,739	1,128	0.514	0.522
Corporate Notes	51,620,000.00	50,742,540.90	52,413,479.04	4.54	743	421	1.321	1.339
Municipal Bonds- Out of State	21,575,000.00	20,214,611.73	22,198,674.07	1.92	1,414	988	0.876	0.889
Municipal Bonds- In State	3,505,000.00	3,190,757.14	3,505,636.34	0.30	1,415	1,162	1.618	1.640
LGIP	47,000,000.00	47,000,000.00	47,000,000.00	4.07	1	1	1.578	1.600
Money Market Accounts	42,000,000.00	42,000,000.00	42,000,000.00	3.64	1	1	3.005	3.047
Investments	1,155,689,000.00	1,087,047,776.65	1,154,716,789.23	100.00%	1,175	692	1.162	1.178
Cash and Accrued Interest Accrued Interest at Purchase		17,812.50	17,812.50					
Subtotal		17,812.50	17,812.50					
Total Cash and Investments	1,155,689,000.00	1,087,065,589.15	1,154,734,601.73		1,175	692	1.162	1.178

Total Earnings	September 30 Month Ending	Fiscal Year To Date
Current Year	1,148,695.27	7,982,690.55
Average Daily Balance	1,160,713,279.26	1,163,077,587.69
Effective Rate of Return	1.20%	0.92%

Nicole Muegge, Investment & Banking Officer

Run Date: 10/11/2022 - 14:02