

Nomination of SAWPA Commissioner to the Santa Ana River Conservancy Advisory Group

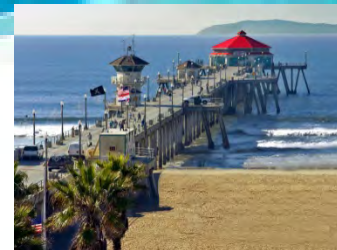


SAWPA Commission
April 2, 2019



Trail Background

- Planned 110 mile trail from San Bernardino Mountains to Huntington Beach
- The majority has been constructed with several gaps still remaining to be completed: 11 miles in San Bernardino County, 12 miles in Riverside County, and three miles in Orange County.
- It is projected that the remaining gaps can be completed by 2023.



Trail Planning

- MOU – 2006
 - Created Policy Advisory Group
- MOU Amendment No. 1 – 2011
- Senate Bill 1390 – Santa Ana River Conservancy - 2014
- MOU Amendment No. 2 – 2015
 - Extended it for three years
- Policy Advisory Group decided to let MOU expire – July 2018
- Commissioner Whitaker Nomination – 2018



Senate Bill 1390 & SARCON

- Santa Ana River Conservancy (SARCON) created by SB 1390 (Sen. Correa)
- Administered by the California Coastal Conservancy (a State agency)
- Charged with developing a Plan (adopted May 2018), creating an Advisory Group, and facilitating trail and parkway projects.



Advisory Group

- Advisory Group performs two major functions:
 - Provides local decision-making authority and expertise to guide the Coastal Conservancy as the State agency implements the Plan and funds various projects that have been highlighted in the Plan.
 - Provides feedback and information to the Legislature on trail funding or assistance as well as existing projects underway.
- Meets bi-monthly throughout Watershed



Advisory Group Roster

Name	Title	Affiliation
Rusty Bailey	Mayor	City of Riverside
Stephen Faessel	Councilmember	City of Anaheim
Toni Momberger	Councilmember	City of Redlands
	Commissioner	SAWPA
David Myers	Executive Director	Wildlands Conservancy
Jack Easton	Executive Director	Rivers and Land Conservancy
Michael Wellborn	President of the Board	Friends of Harbors Beaches and Parks
Beahta Davis	Director	San Bernardino County Parks
Scott Bangle	General Manager	Riverside County Parks and Open Space District
Stacy Blackwood	Director	Orange County Parks
Jose Solorio	Councilmember	City of Santa Ana
Karen Spiegel	Supervisor, 2nd District	County of Riverside



State Funding for Trail/Parkway

- Prop. 84 (2006): \$45 million
- Prop. 68 (2018): \$16 million
- State Budget 18/19 (2018): \$5 million



Recommendation

- Nominate a SAWPA Commissioner to serve as the SAWPA representative on the Santa Ana River Conservancy Advisory Group for a period of five years.



BASIN MONITORING PROGRAM TASK FORCE CONSULTANT SUPPORT

**Presented by Mark Norton P.E.,
Water Resources & Planning Manager**

**SAWPA Commission
April 2, 2019**

Basin Monitoring Program Task Force

Eastern Municipal Water District	Chino Basin Watermaster
Inland Empire Utilities Agency	Yucaipa Valley Water District
Orange County Water District	City of Beaumont
City of Riverside	City of Corona
Lee Lake Water District	City of Redlands
Elsinore Valley Municipal Water District	City of Rialto
Irvine Ranch Water District	Jurupa Community Services District
Colton/San Bernardino Regional Tertiary Treatment and Wastewater Reclamation	Western Riverside Co Regional Wastewater Authority/WMWD
*San Bernardino Valley Municipal Water District	*City of Banning
* San Gorgonio Pass Water Agency	* Beaumont Cherry Valley Water District

- Four new agencies added in 2015
- Santa Ana Regional Board also a non-funding task force agency

Recent and Future Deliverables

- Near finalization of Santa Ana River (SAR) Wasteload Allocation – anticipated by May 2019
- Basin Plan Amendment and Supplemental Environmental Document to be prepared for SAR Wasteload Allocation by Sept. 2019
- Existing WWTP permits were extended to meet new SAR Wasteload Allocation
- Drought Policy based on So Cal Salinity Coalition technical work – by Dec. 2019



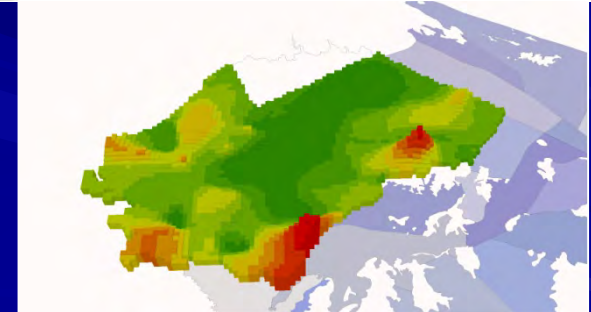
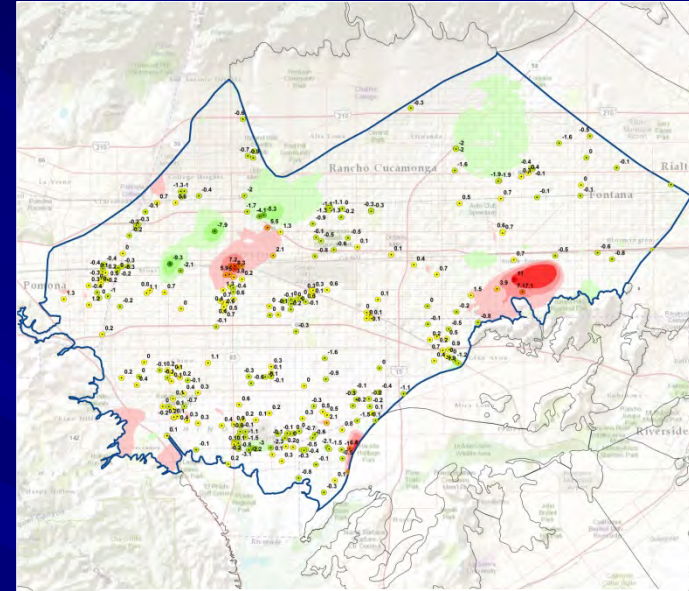
Triennial Ambient Water Quality Update – Consultant Review

- Consultant Team recommended based on responses to a competitive Request for Proposals
- Three proposals were received
 - **Water Systems Consulting Inc. (WSC)**
 - **Geoscience Support Services Inc.**
 - **Wildermuth Environmental Inc.**
- Interviews conducted with all three firms using defined qualifications based criteria
- Interview team composed of Task Force agencies across watershed and SAWPA staff
- Unanimous recommendation to select WSC Inc. by interview panel and Basin Monitoring Program Task Force.



WSC Task Order Scope

- A rigorous, science-based estimate of Ambient Water Quality (AWQ) using the exact methodology as AWQ determinations in the objective setting period and subsequent recomputations.
- Accurate representations of the AWQ for each Groundwater Management Zone essential for estimating assimilative capacity and for trend analyses.
- Interpretative Tools that display groundwater maps actual changes in groundwater conditions or because the data set is different.
- Methodology and understanding of the method assuring the Task Force that they will be applied consistent with past efforts.



Recommendation

That the Commission:

- Approve a General Services Agreement, as modified, and Task Order WSC374-01 with Water Systems Consulting for the amount not-to-exceed \$373,973 to prepare the Triennial Ambient Water Quality Recomputation for the Santa Ana River Watershed for the Period 1999-2018.

A dynamic graphic of water splashing and dripping, rendered in various shades of blue. The water flows from the top right towards the bottom left, with numerous droplets and bubbles of varying sizes scattered throughout the scene. The background is a light, gradient blue.

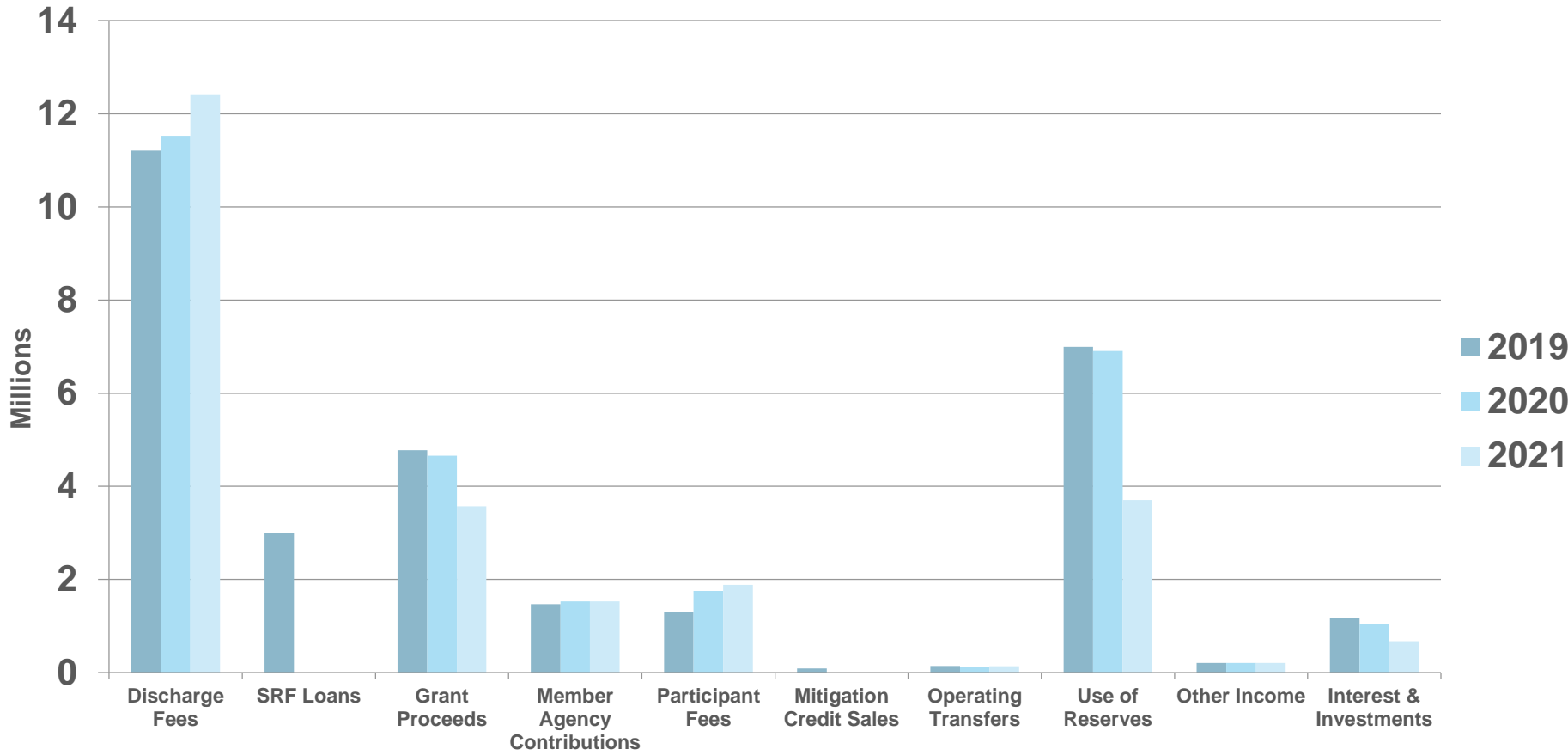
SAWPA

FYE 2020 and 2021
Draft Budget



- 1 Combined Budget
- 2 Brine Line Operating Budget
- 3 Brine Line Capital Budget
- 4 OWOW Fund Budget
- 5 Roundtables Fund Budget
- 6 General Fund Budget
- 7 Member Agency Contributions

Combined Revenues

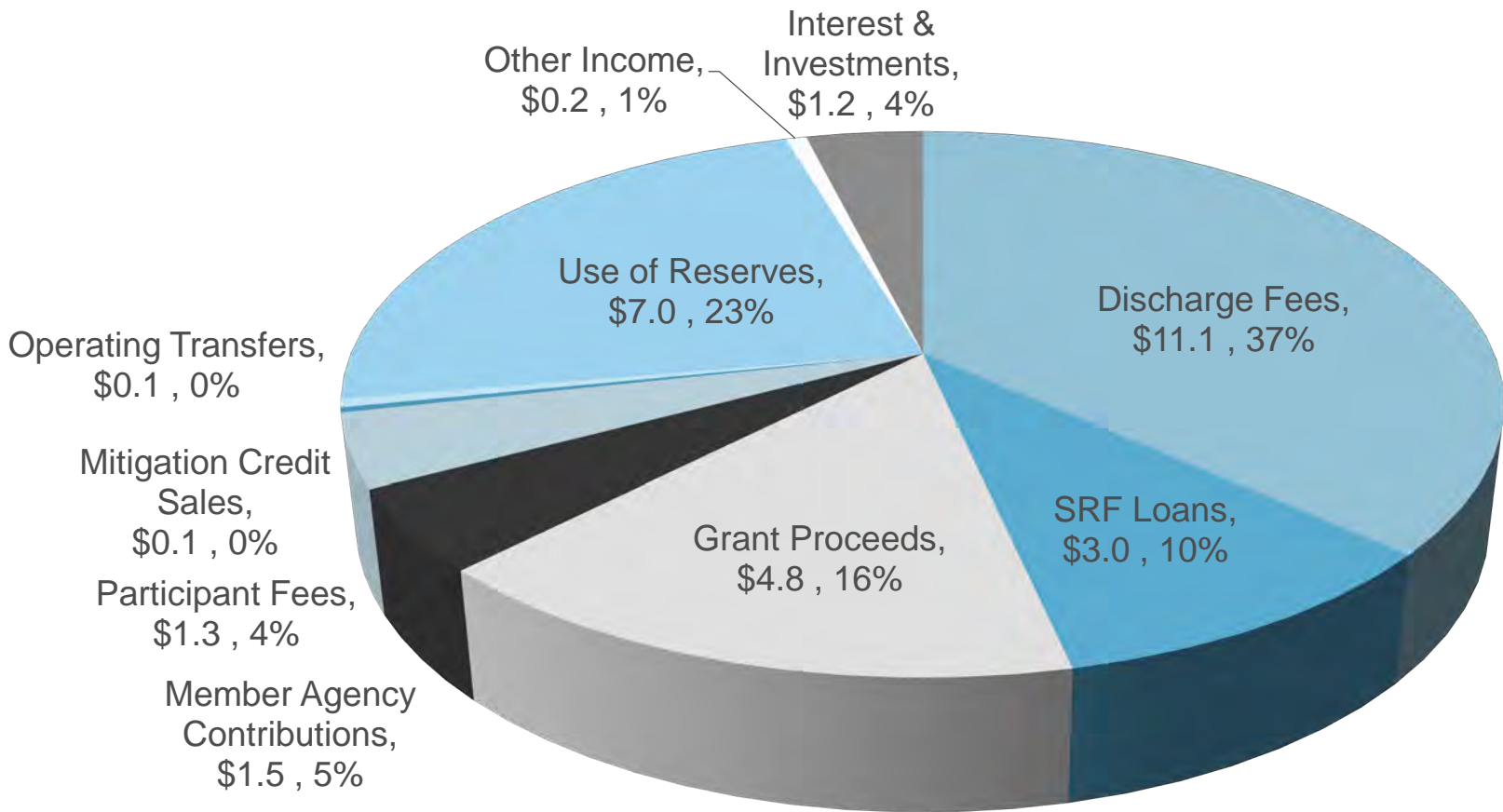


Combined Revenues

Revenue	FYE 2019 Budget	FYE 2020 Budget	% Inc./ (Dcr.)	FYE 2021 Budget	% Inc./ (Dcr.)
Discharge Fees	\$11,090,587	\$11,532,103	3.9%	\$12,401,418	7.5%
SRF Loans	3,000,000	0	(100.0%)	0	0.0%
Grant Proceeds	4,777,256	4,658,908	(2.5%)	3,572,232	(23.3%)
Member Agency Contributions	1,471,695	1,526,966	3.8%	1,530,339	0.2%
Participant Fees	1,309,273	1,751,232	33.8%	1,881,337	7.4%
Mitigation Credit Sales	88,980	0	(100.0%)	0	0.0%
Operating Transfers	144,252	132,344	(8.3%)	133,000	0.5%
Use of Reserves	6,995,901	6,908,161	(1.3%)	3,709,056	(46.3%)
Other Income	206,674	205,186	(0.7%)	206,881	0.8%
Interest & Investments	1,173,582	1,045,000	(11.0%)	675,000	(35.4)
Total	\$30,258,200	\$27,759,900	(8.3%)	\$24,109,263	(13.2%)

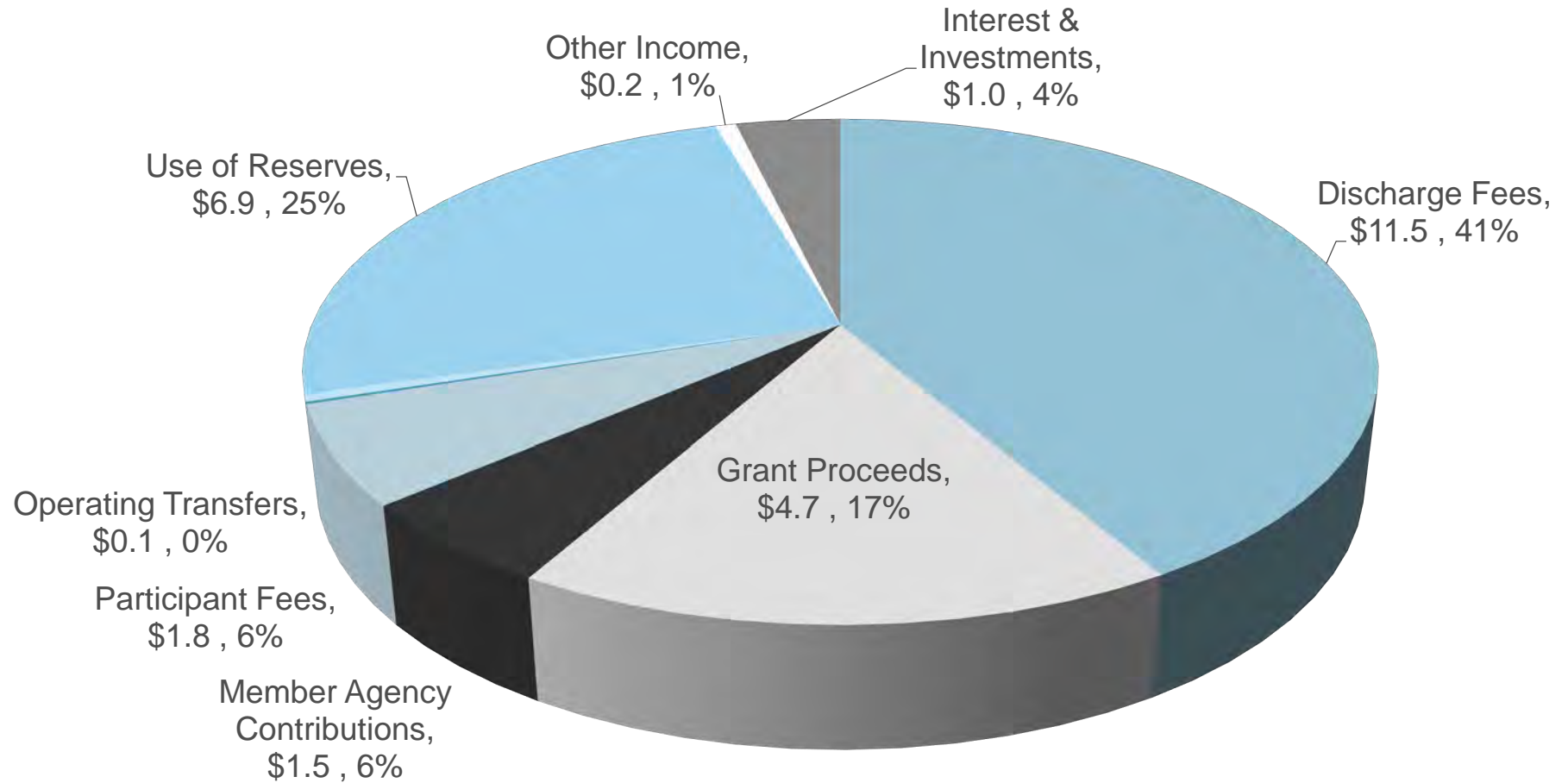
Combined Budget

FYE 2019 Revenues - \$30.3 M



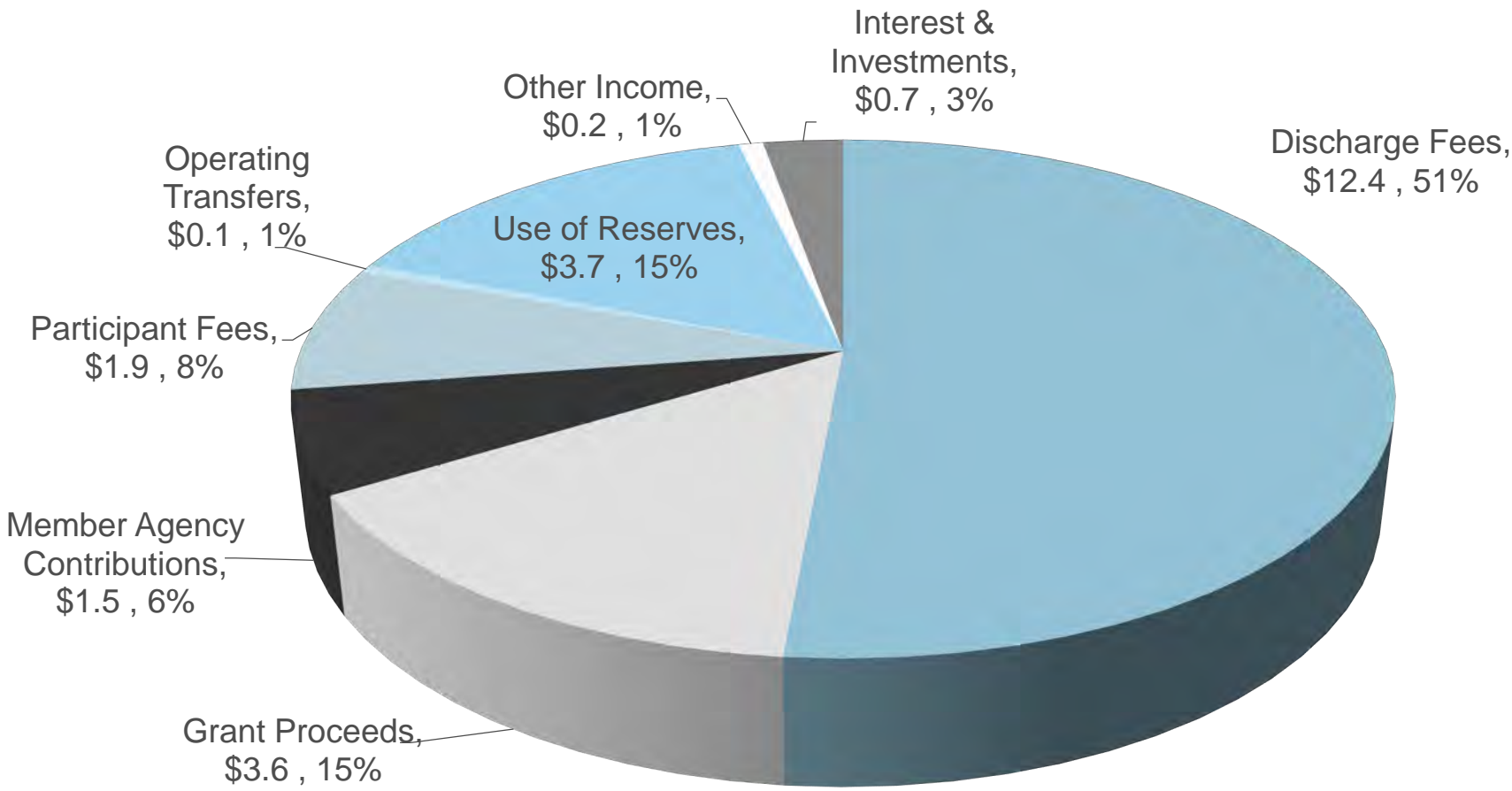
Combined Budget

FYE 2020 Revenues - \$27.7 M

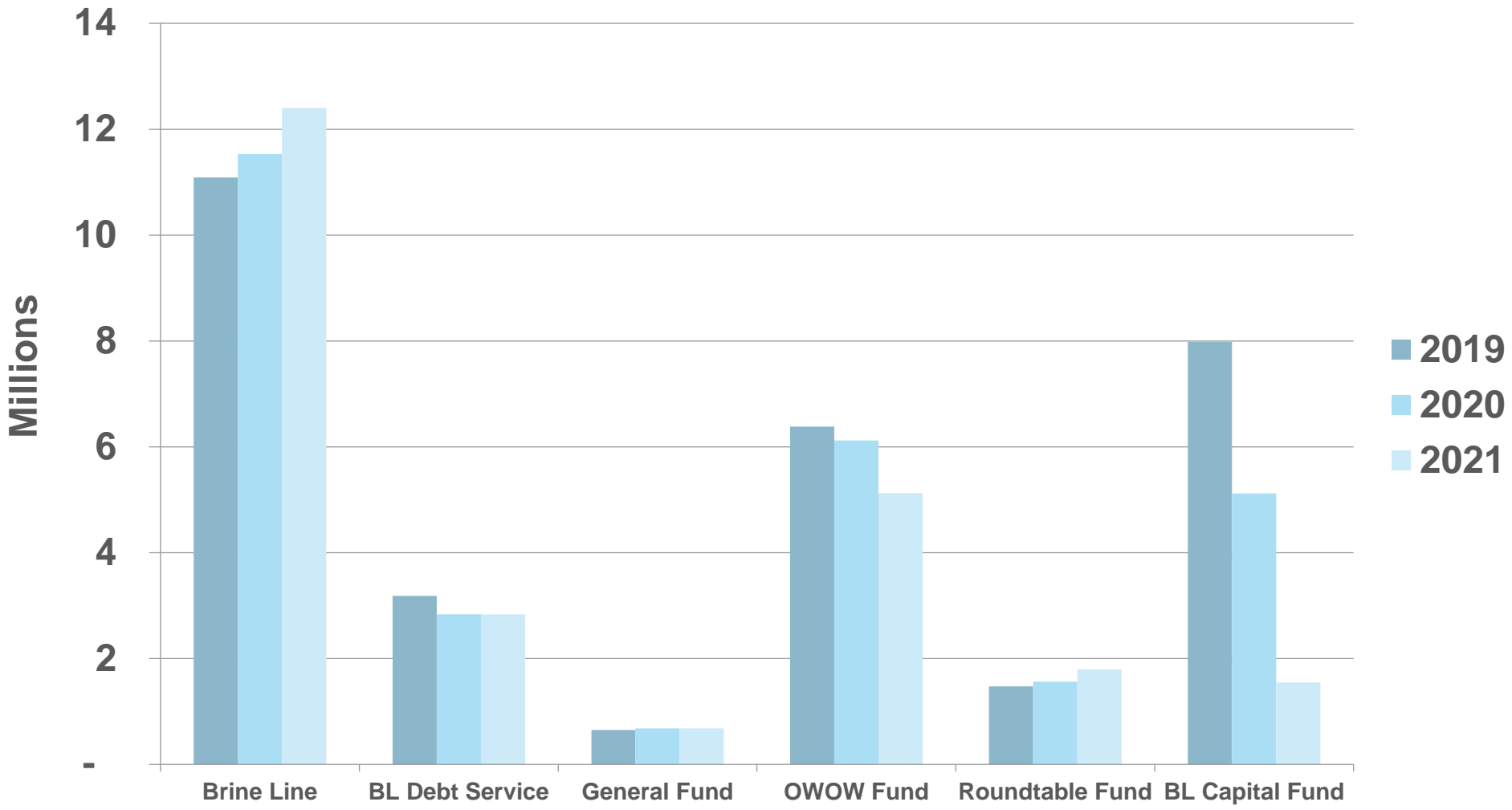


Combined Budget

FYE 2021 Revenues - \$24.1 M



Combined Expenses

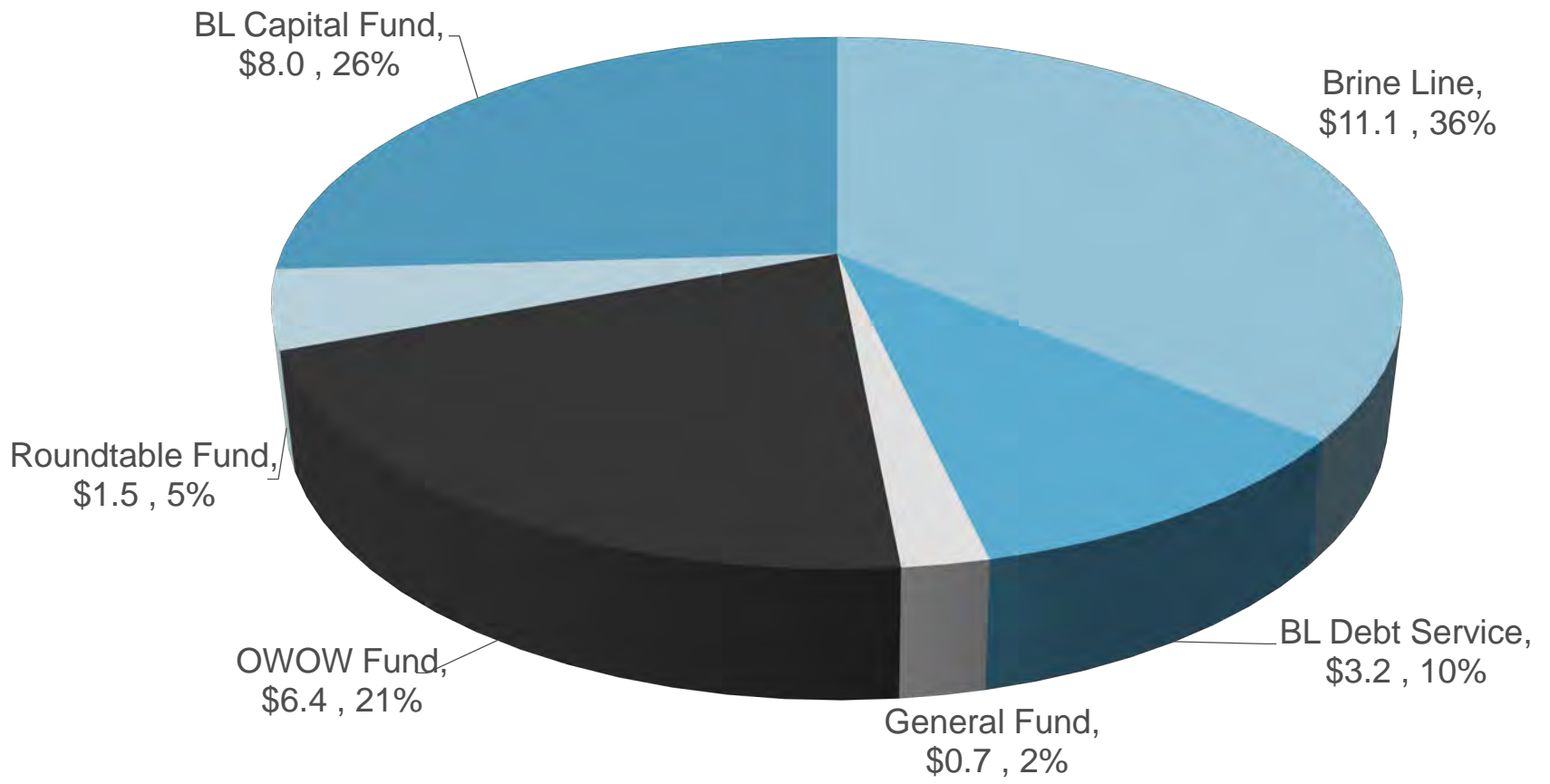


Combined Expenses

Revenue	FYE 2019 Budget	FYE 2020 Budget	% Inc./ (Dcr.)	FYE 2021 Budget	% Inc./ (Dcr.)
Brine Line Enterprise Fund	\$11,090,587	\$11,532,103	3.9%	\$12,401,418	7.5%
Brine Line Debt Service	3,183,451	2,835,027	(10.9%)	2,835,027	0.0%
General Fund	650,695	676,966	4.0%	680,339	0.5%
OWOW Fund	6,380,106	6,121,416	(4.1%)	5,124,596	(16.3%)
Roundtables Fund	1,475,981	1,563,457	5.9%	1,797,871	15.0%
BL Capital Fund	7,986,032	5,118,134	(35.9%)	1,549,029	(69.7%)
Total	\$30,766,852	\$27,847,103	(9.5%)	\$24,388,280	(12.4%)

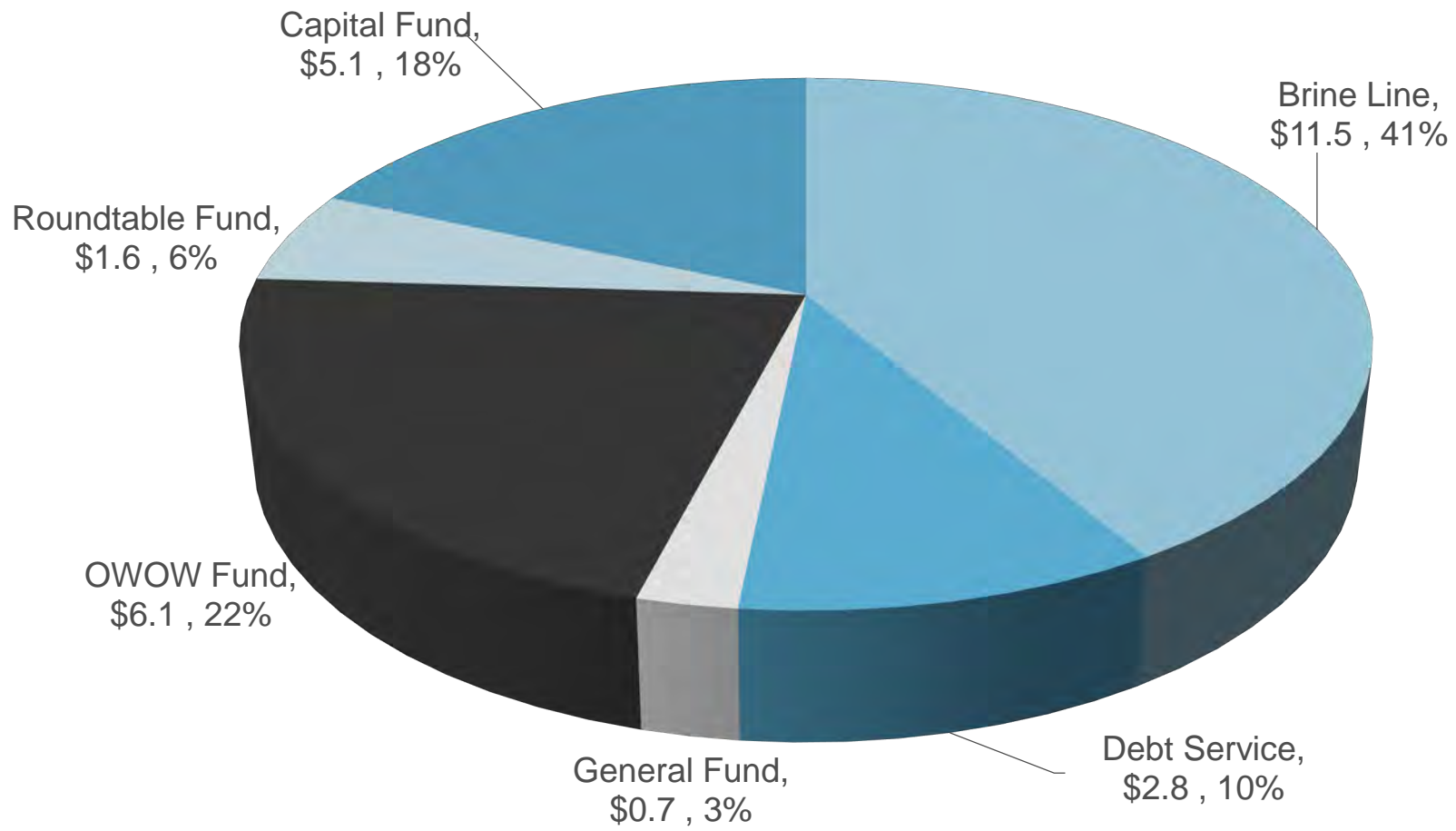
Combined Budget

FYE 2019 Expenses - \$30.9 M



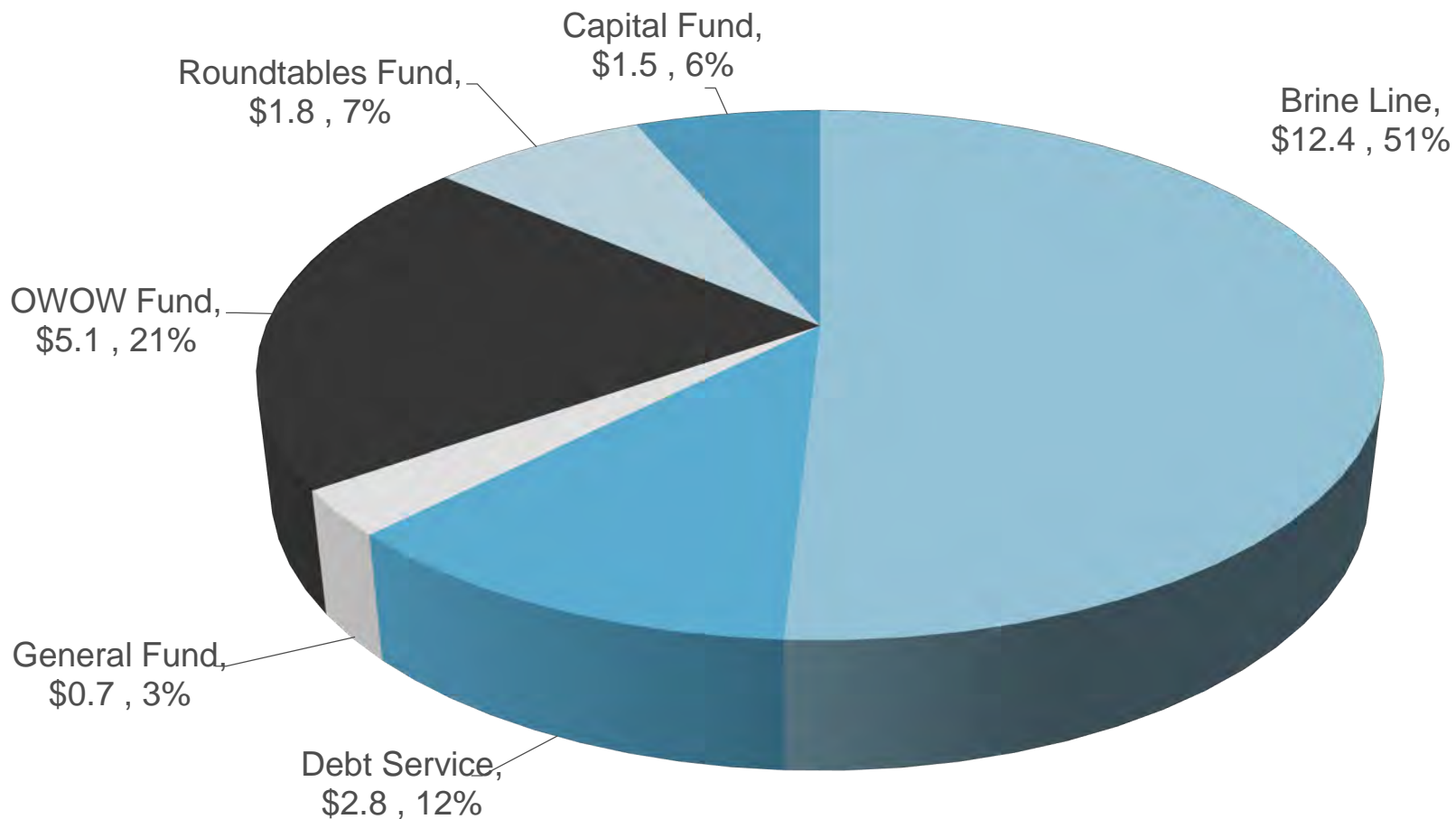
Combined Budget

FYE 2020 Expenses - \$27.8 M

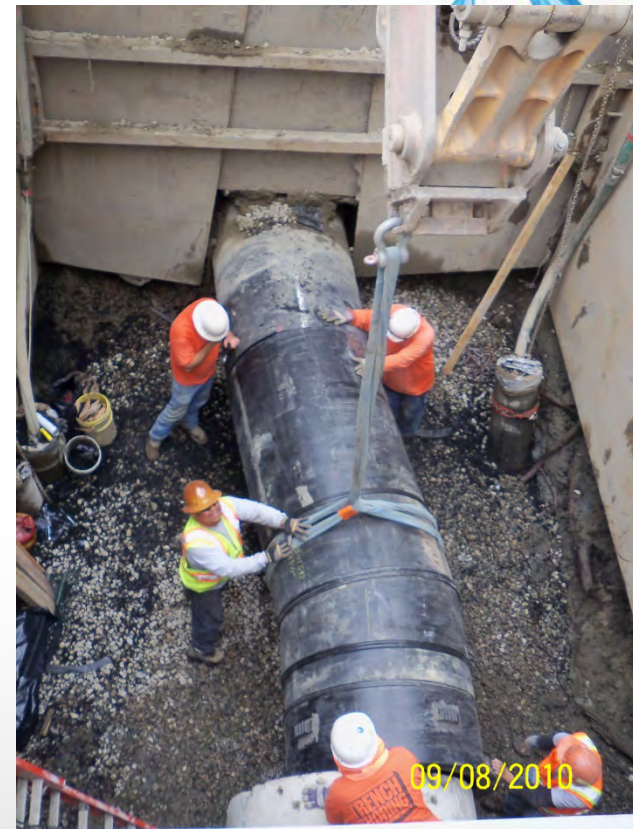


Combined Budget

FYE 2021 Expenses - \$24.3 M



Brine Line Operations & Capital Budget

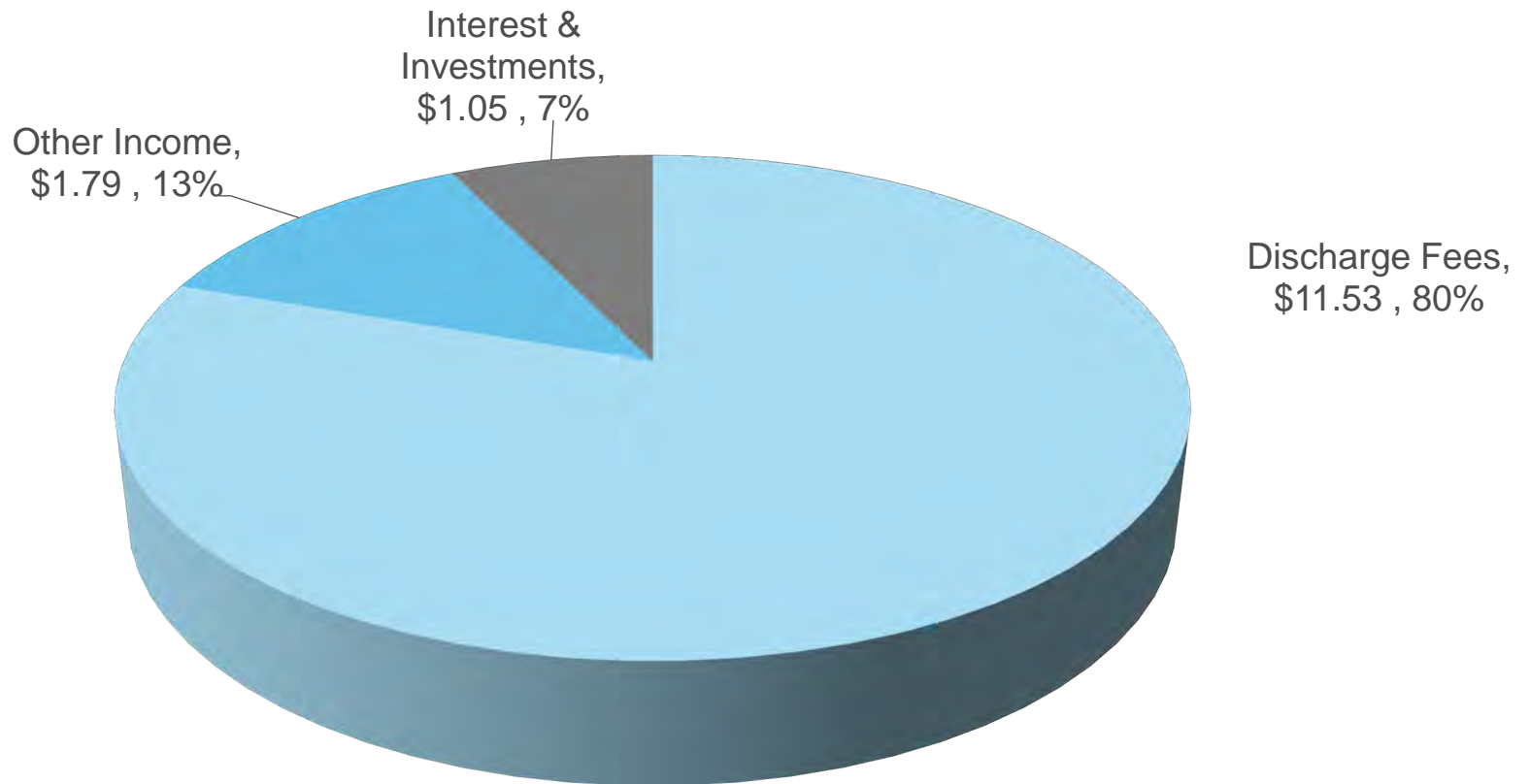


Brine Line Enterprise Revenue



FYE 2020

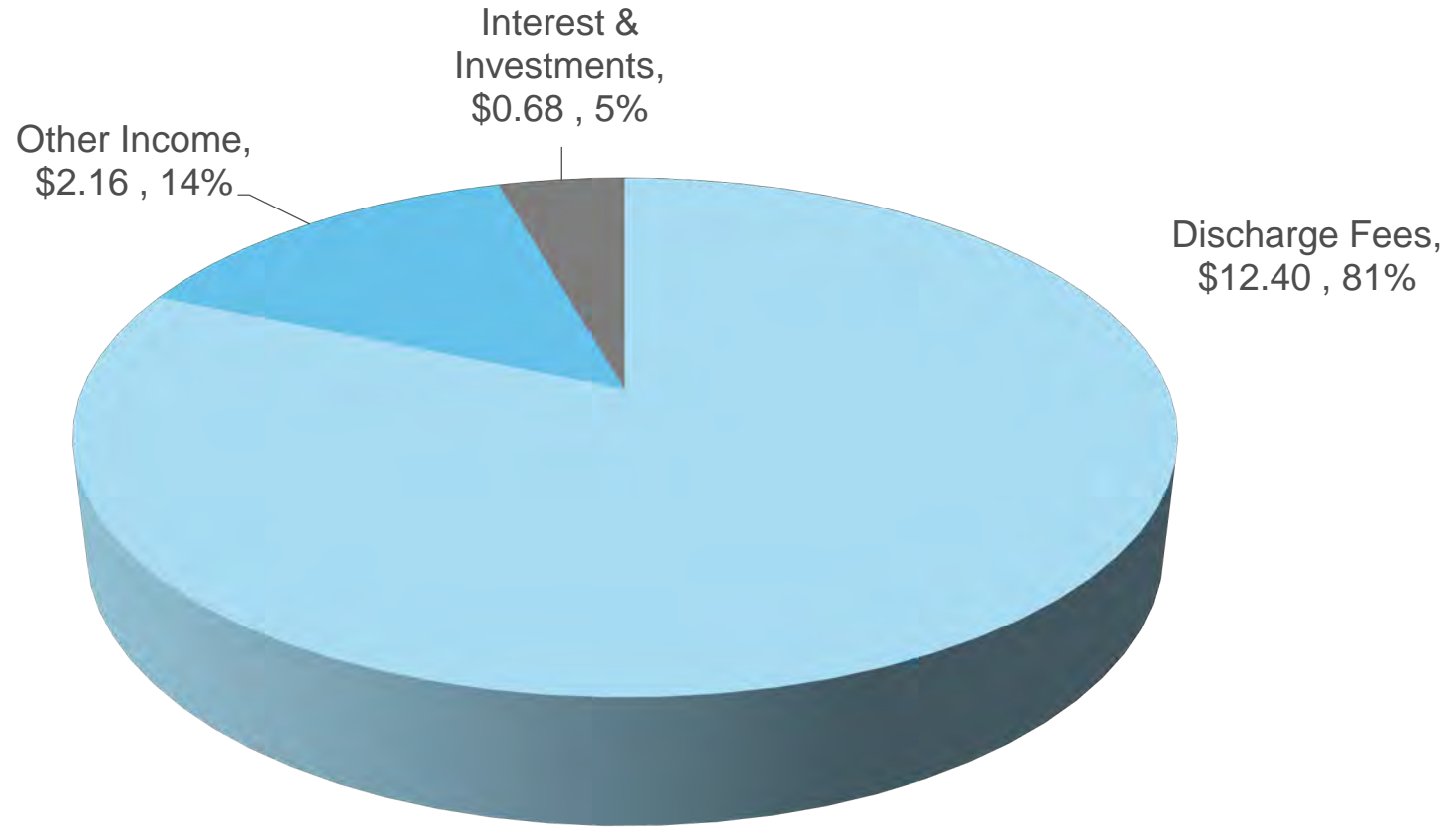
Brine Line Revenues \$14.37 Million



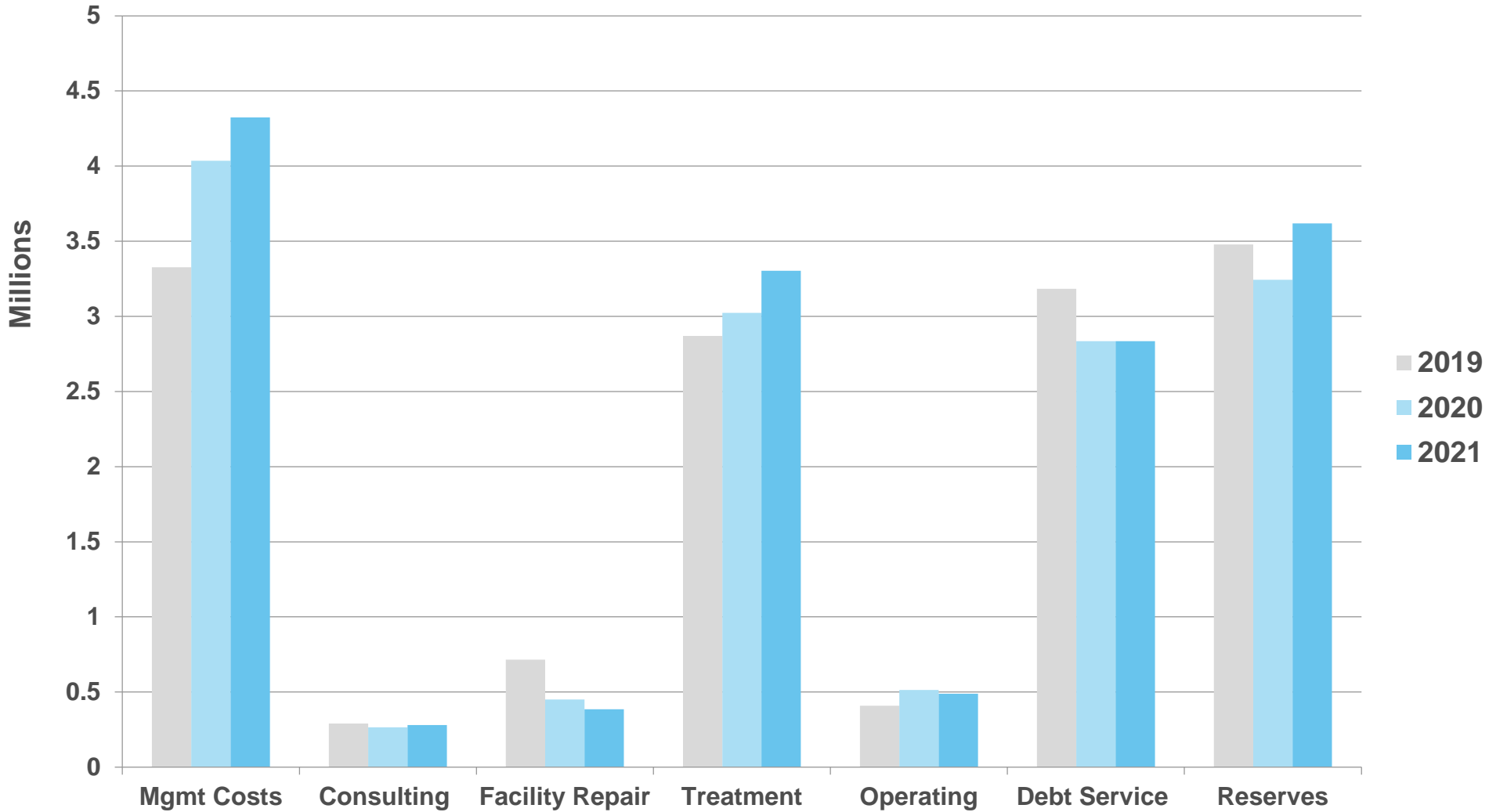
FYE 2021



Brine Line Revenues \$15.24 Million



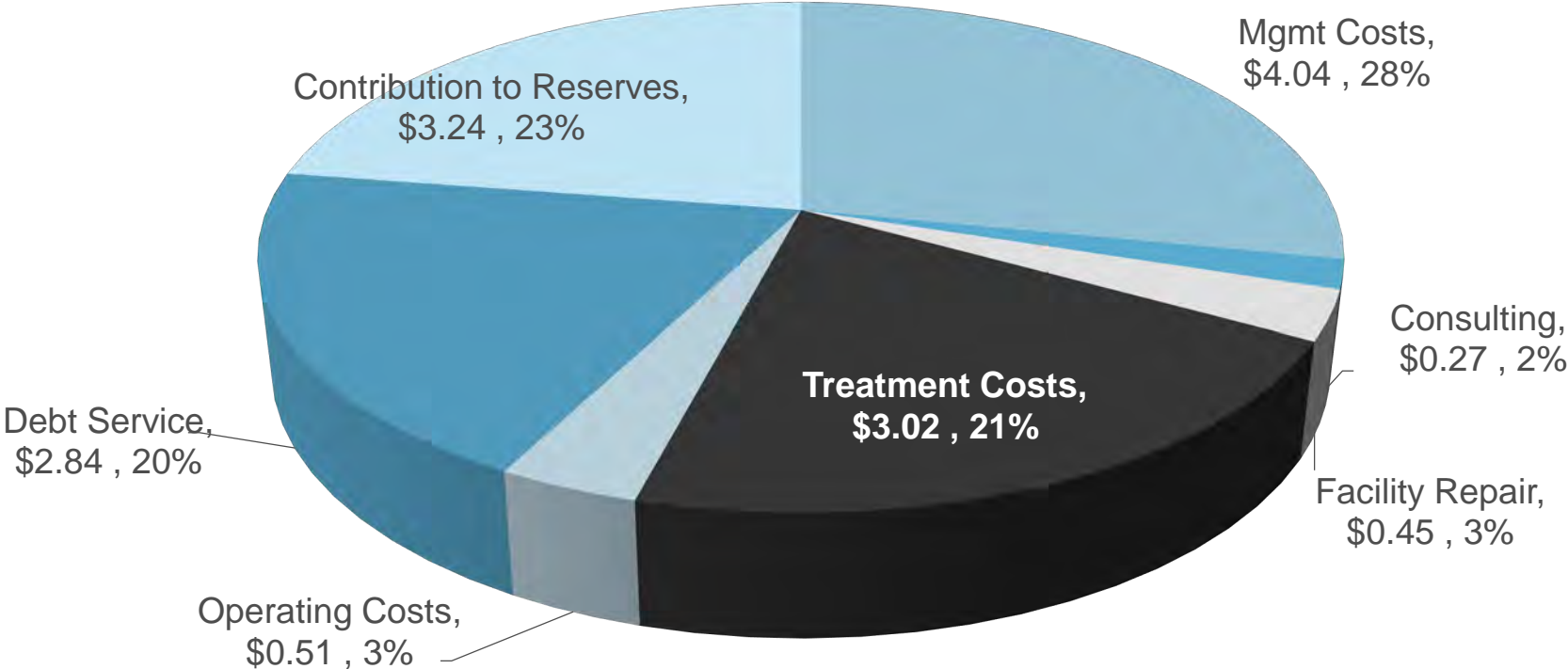
Brine Line Enterprise Expenses



FYE 2020

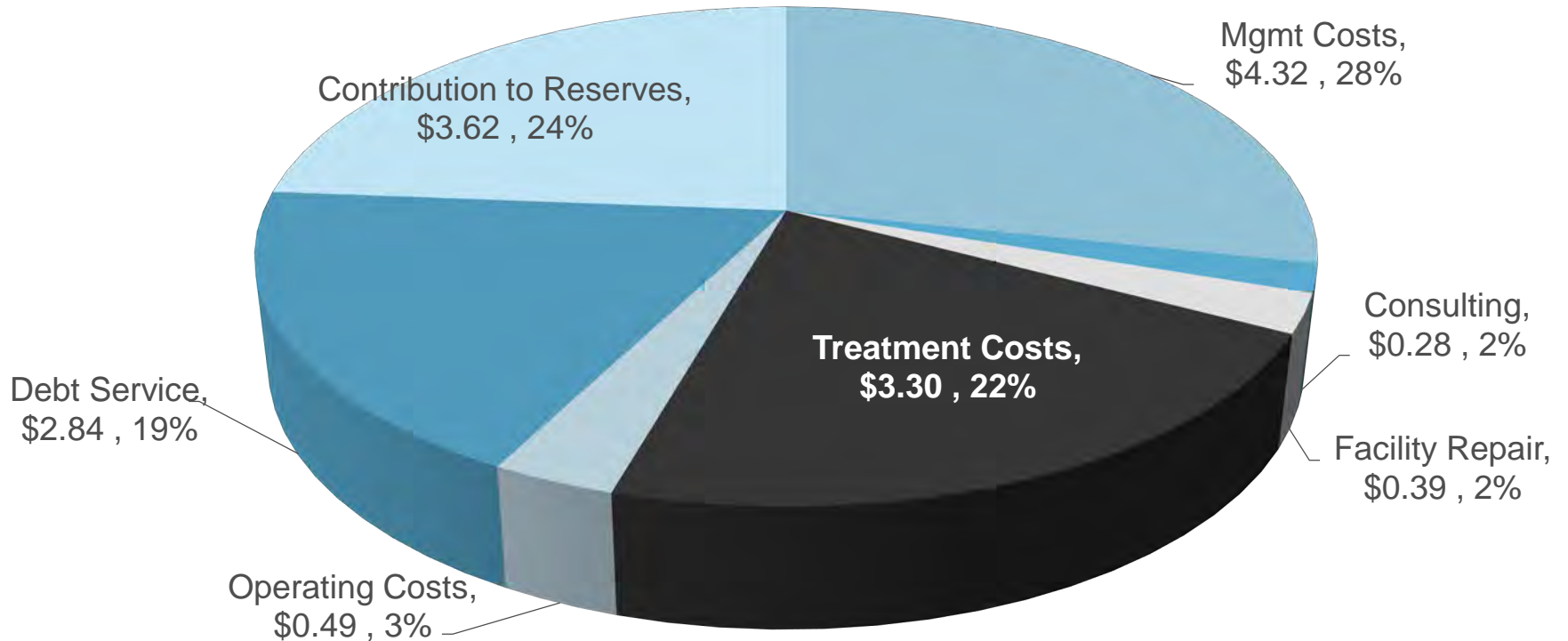


Brine Line Expenses \$14.37 Million



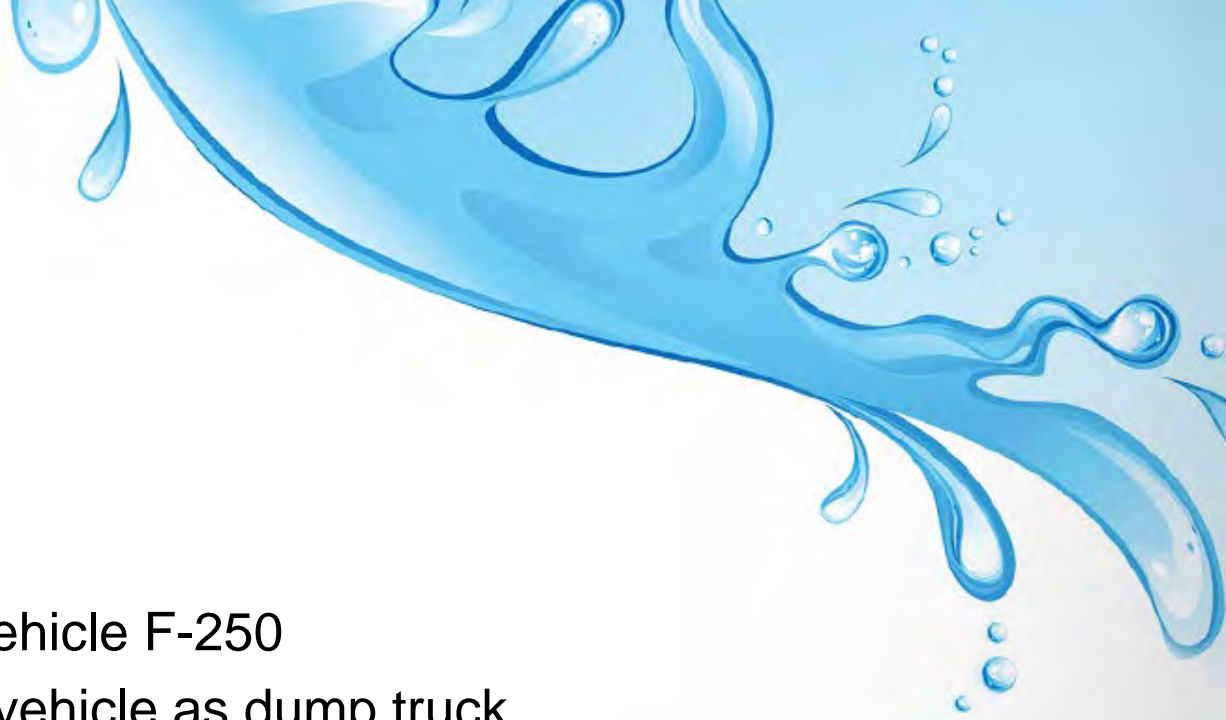
FYE 2021

Brine Line Expenses \$15.24 Million




Fixed Asset Purchase

- FYE 2020
 - Purchase new vehicle F-250
 - Retrofit existing vehicle as dump truck
- FYE 2021
 - None



Debt Service Payments



Debt	2019	2020	2021
Reach V Construction – SRF Loan 1 – 4	\$1,126,578	\$1,126,278	\$1,126,278
Reach IV-A & B Capital Repair – SRF Loan	1,044,273	1,044,273	1,044,273
Reach V Capital Repair – SRF Loan	656,350	664,476	664,476
OCWD Capacity Repurchase Loan	356,250	0	0
Total Debt Service Payments	\$3,183,451	\$2,835,027	\$2,835,027

Reserve Contributions



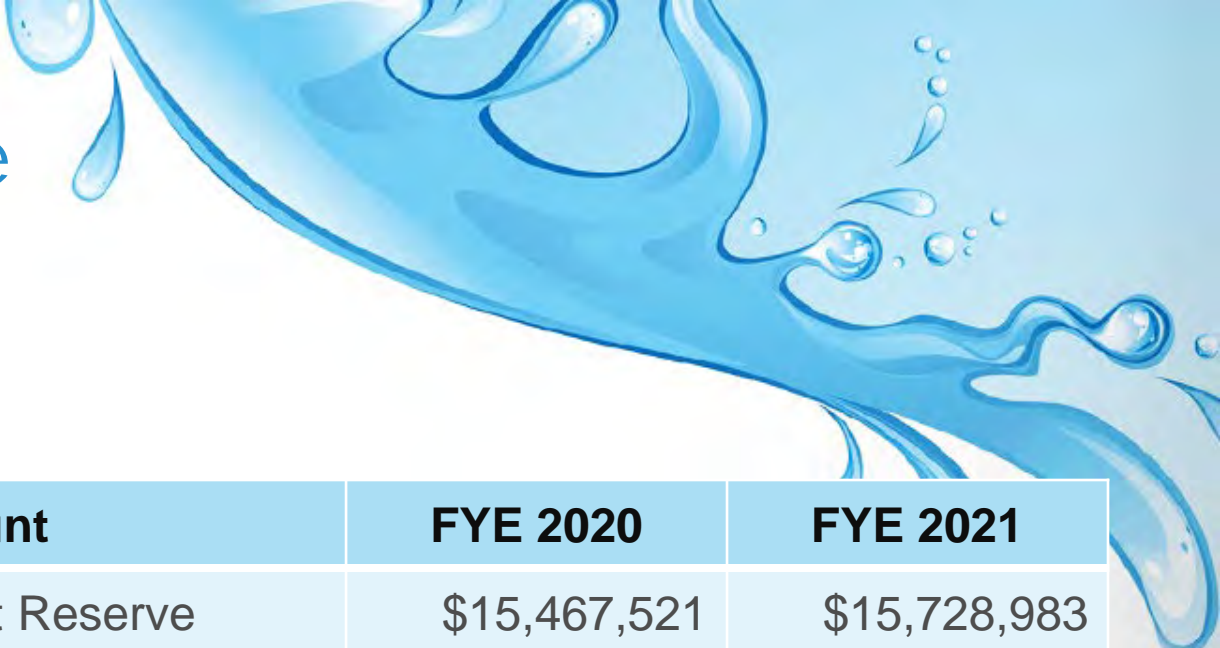
Fund	FYE 2019	FYE 2020	FYE 2021
Pipeline Repair/Replacement	\$1,500,000	\$1,435,478	1,810,491
Self Insurance Reserve	100,000	100,000	100,000
Debt Service Reserve	1,879,144	1,708,750	1,708,750
Total Contribution to Reserves	\$3,479,144	\$3,244,228	\$3,619,241

Proposed Brine Line Rates



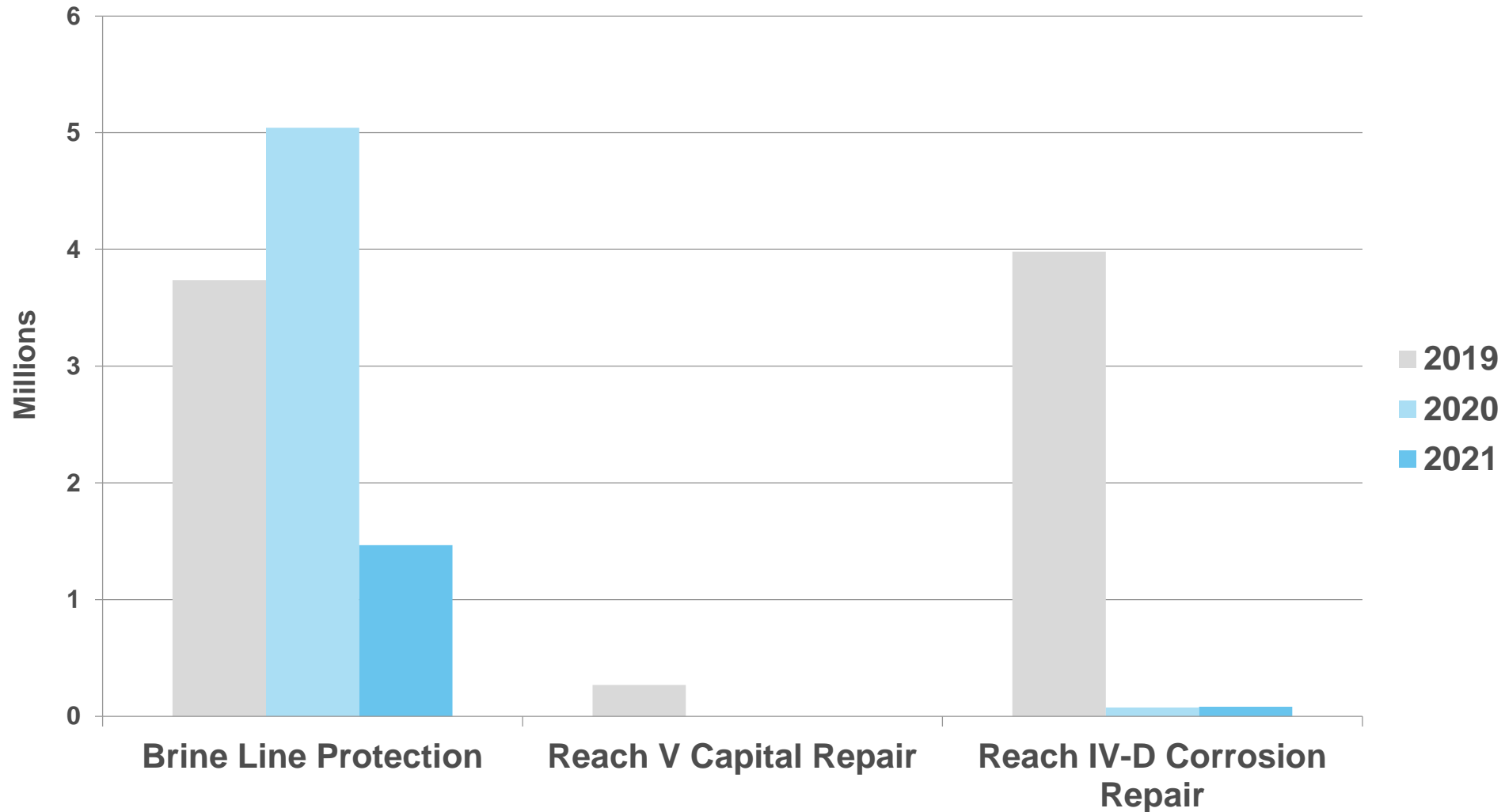
Component	Actual FYE 2019	FYE 2020	FYE 2021
Flow	\$946	\$979	\$1,018
BOD (per 1,000 lbs.)	\$307	\$316	\$329
TSS (per 1,000 lbs.)	\$429	3% \$442	4% \$460
Fixed Pipeline	\$6,217	\$6,398	\$6,654
Fixed Treatment	\$12,607	\$12,985	\$13,505

Reserve Balance (EOY)



Reserve Account	FYE 2020	FYE 2021
Pipeline Repair/Replacement Reserve	\$15,467,521	\$15,728,983
OCSD Rehabilitation Reserve	3,591,892	3,591,892
OCSD Future Capacity Reserve	1,761,077	1,761,077
Self-Insurance Reserve	4,224,343	4,324,343
Flow Imbalance Reserve	85,103	85,103
Debt Service Reserve	3,928,308	3,417,032
Capacity Management Reserve	11,502,545	11,502,545
Operating Reserve	3,133,547	3,133,547
Total Reserves	\$43,694,336	\$43,544,522

Capital Improvement Projects



Capital Project Funding – Use of Reserves



Project	FYE 2019	FYE 2020	FYE 2021
Brine Line Protection	\$3,736,548	\$5,041,923	\$1,466,878
Reach V Capital Repairs	269,167	0	0
Reach IV-D Corrosion Repairs	980,317	76,211	82,151
Total	\$4,986,032	\$5,118,134	\$1,549,029

FYE 2019 Budget also includes \$3 million in SRF Loans for Reach IV-D Corrosion Repairs

Capital Projects

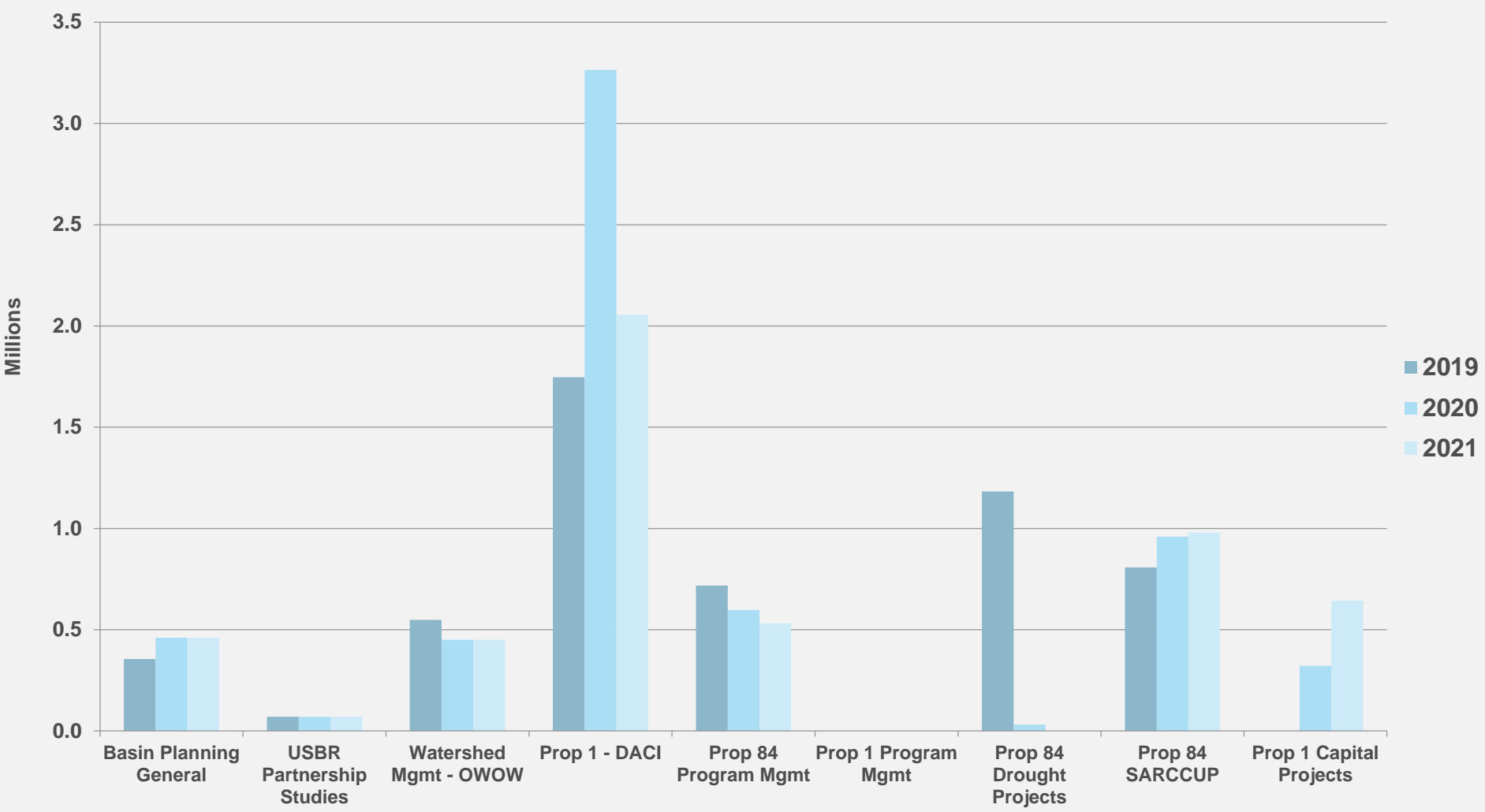


- Fund 320 Brine Line Protection
 - OCSD Rock Removal Project
 - Protection from stormwater/erosion
 - Reach IV-D MAS modifications
 - Alcoa Dike protection/relocation
- Fund 327 Reach IV-D Corrosion Repair
 - Evaluation of pipeline corrosion

OWOW Fund Budget

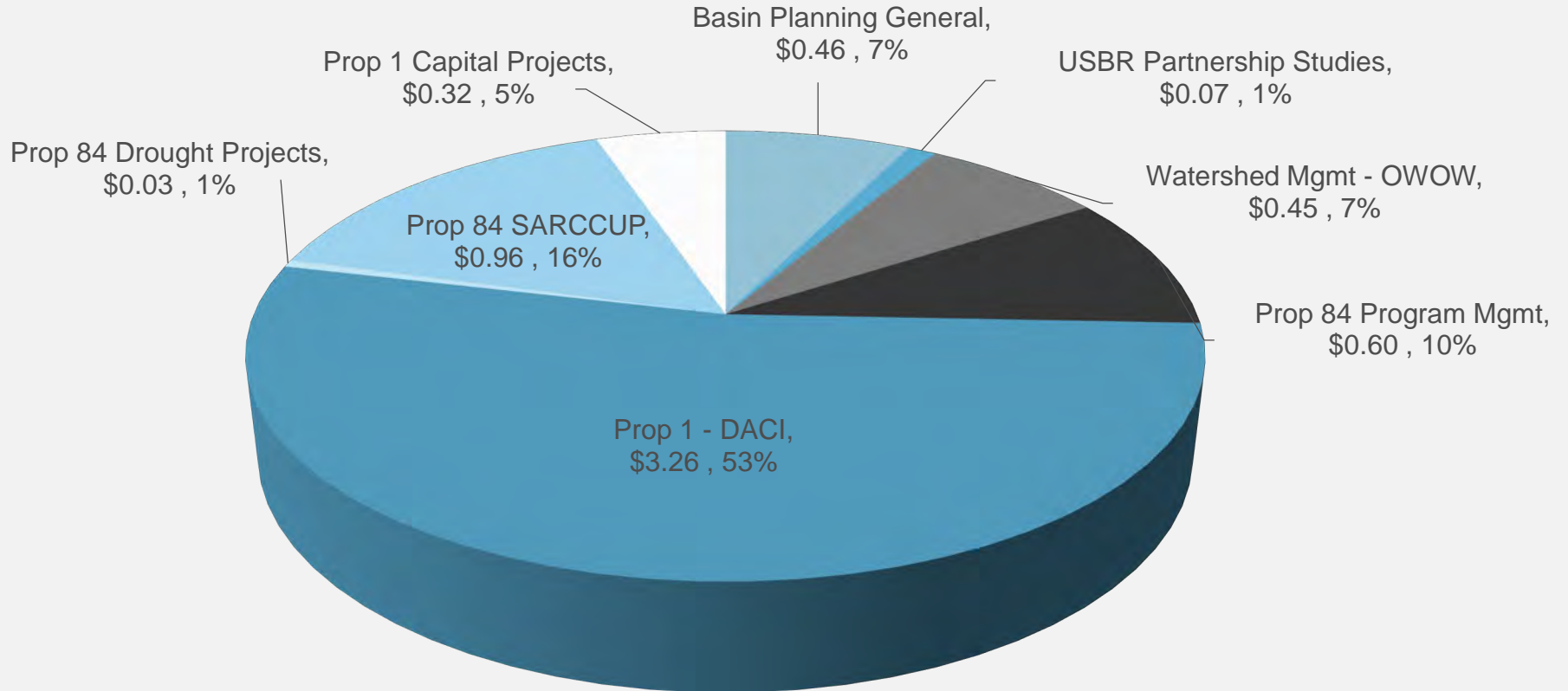


OWOW Funds - Revenues



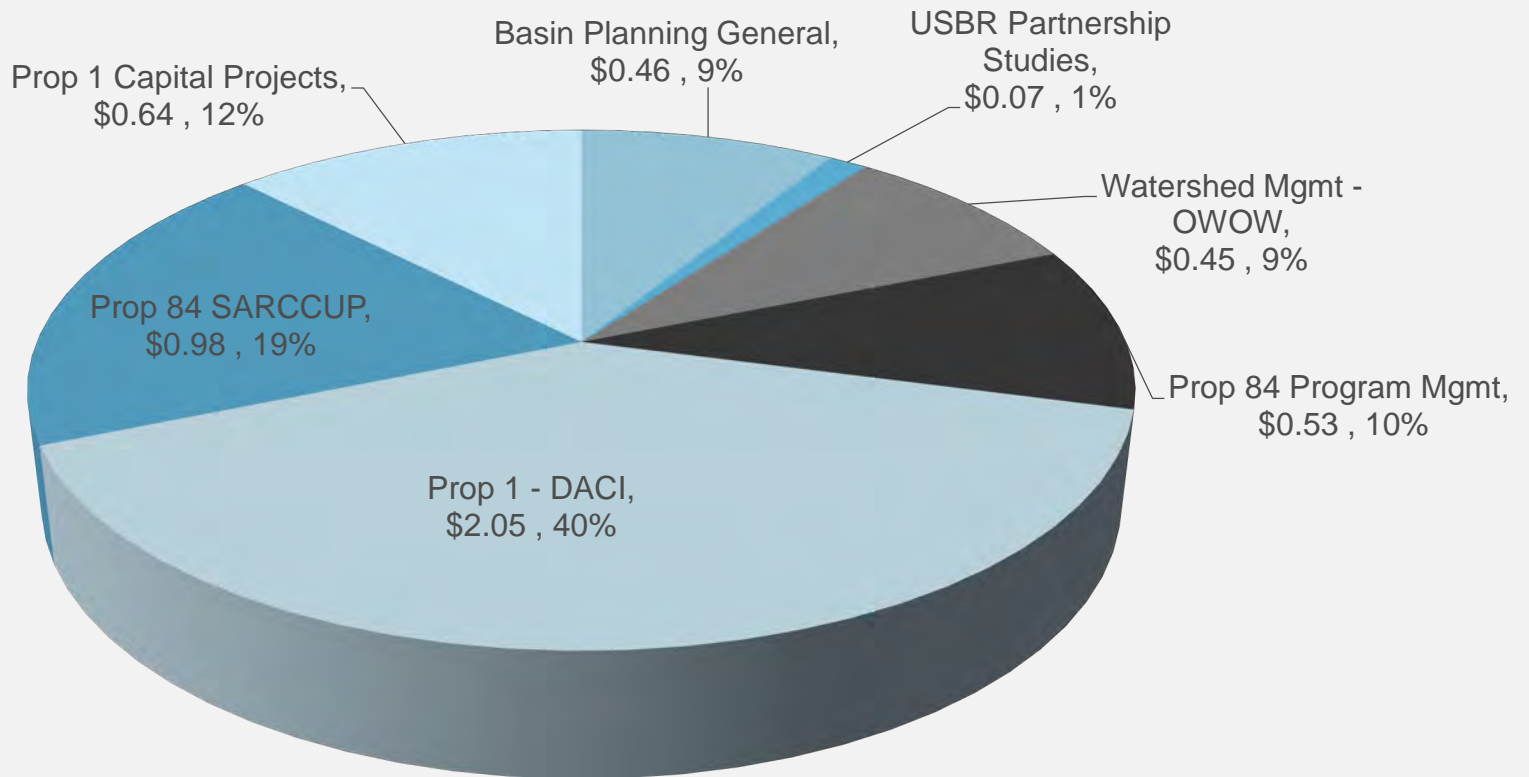
FYE 2020

Revenues \$6.2 Million



FYE 2021

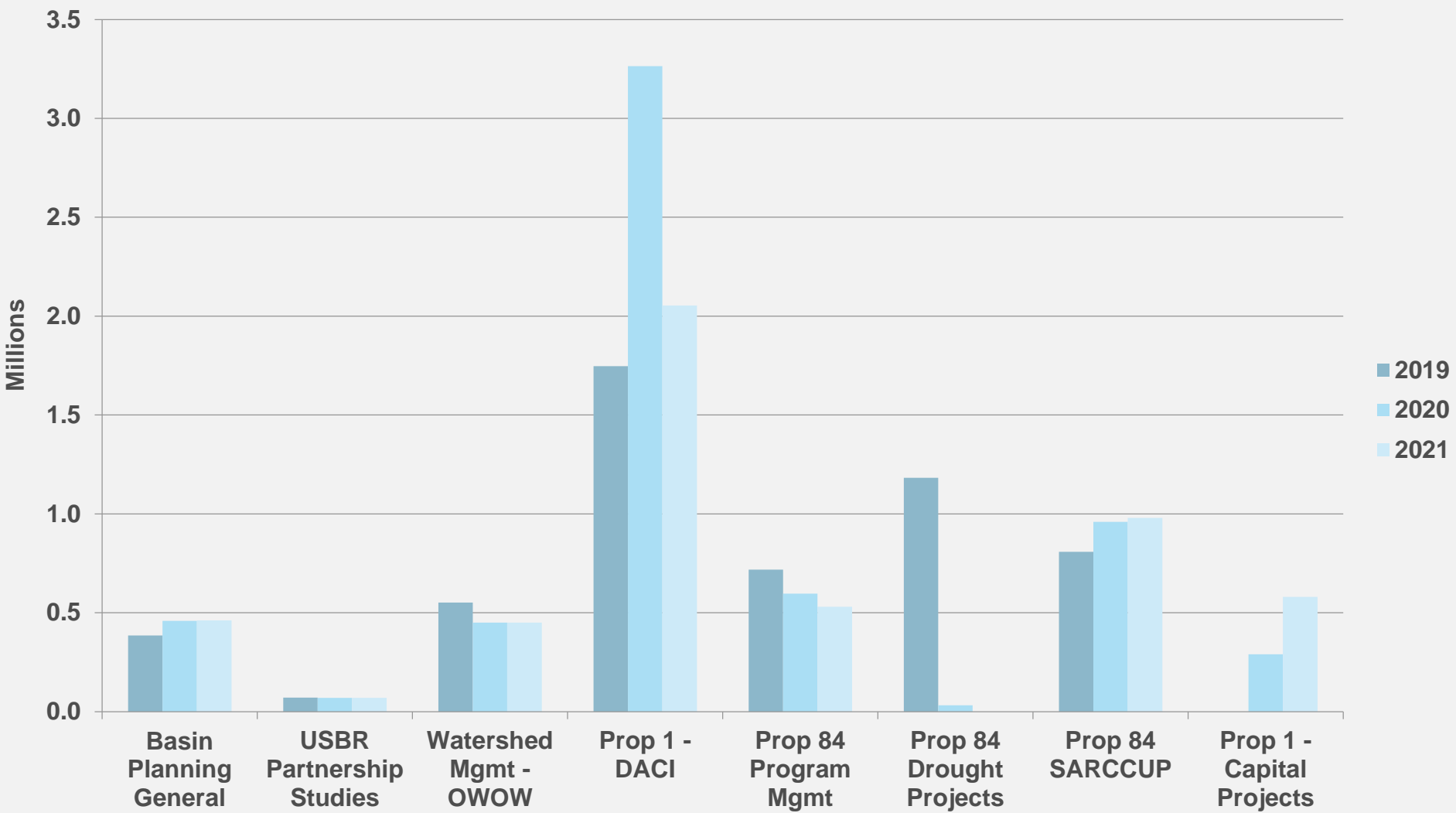
Revenues \$5.2 Million



Prop 84 Projects (passthrough)

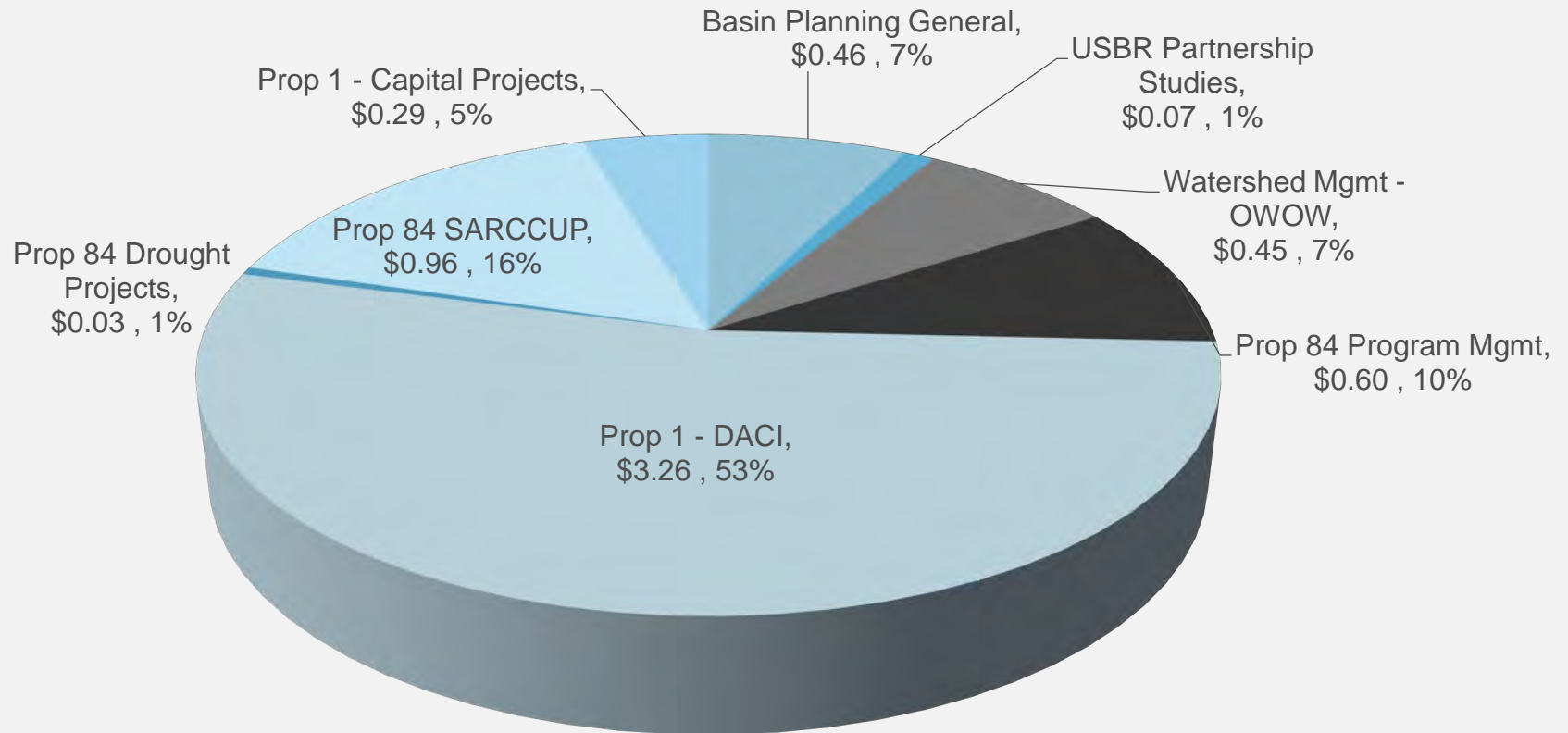
Fund	FYE 2020	FYE 2021	Total
Prop 84 Projects – Round II	\$5,280,841	\$974,400	\$6,255,241
Prop 84 Project – Drought Round	189,859	0	189,859
Prop 84 – Final Round (SARCCUP)	14,406,381	14,406,381	28,812,762
Total	\$19,877,081	\$15,380,781	\$35,257,862

OWOW Fund - Expenses



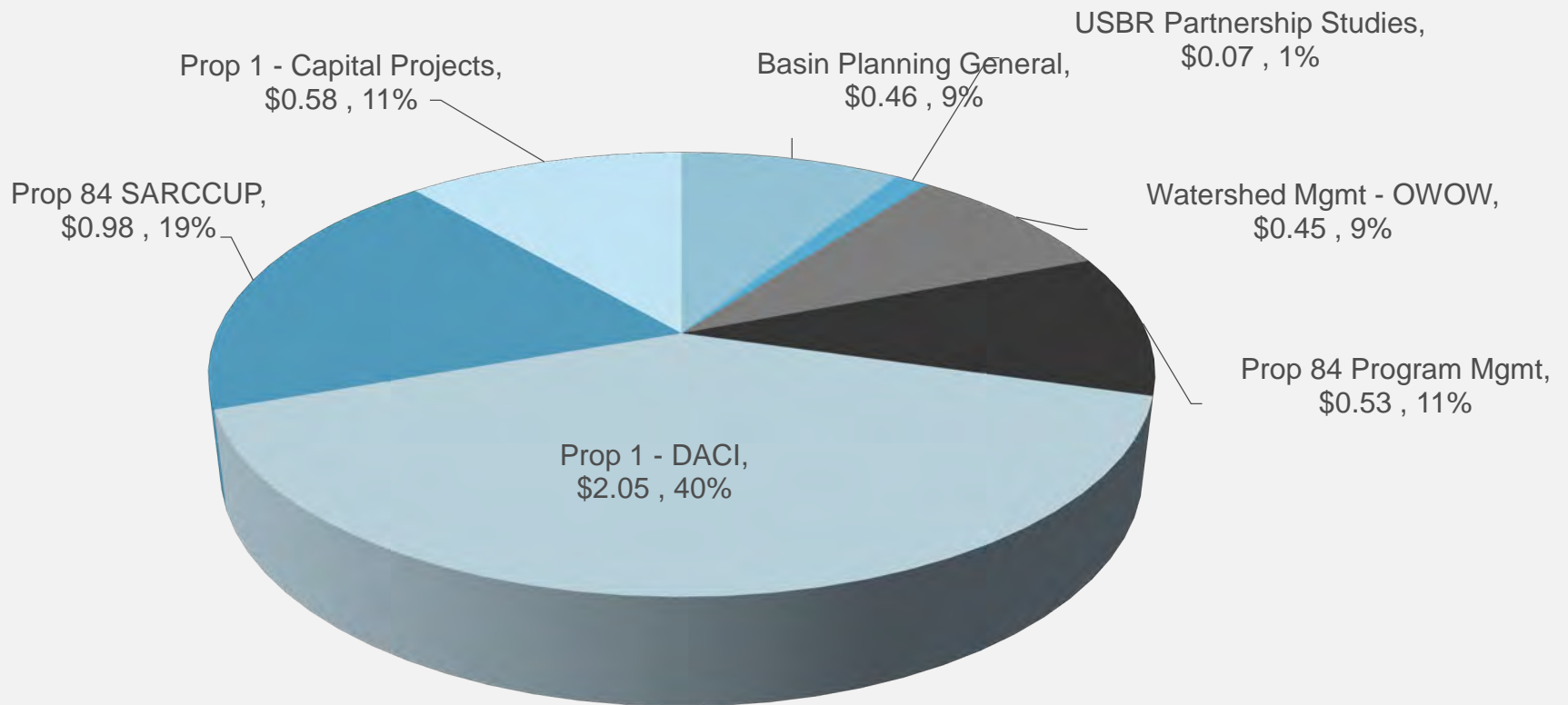
FYE 2020

Expenses \$6.1 Million

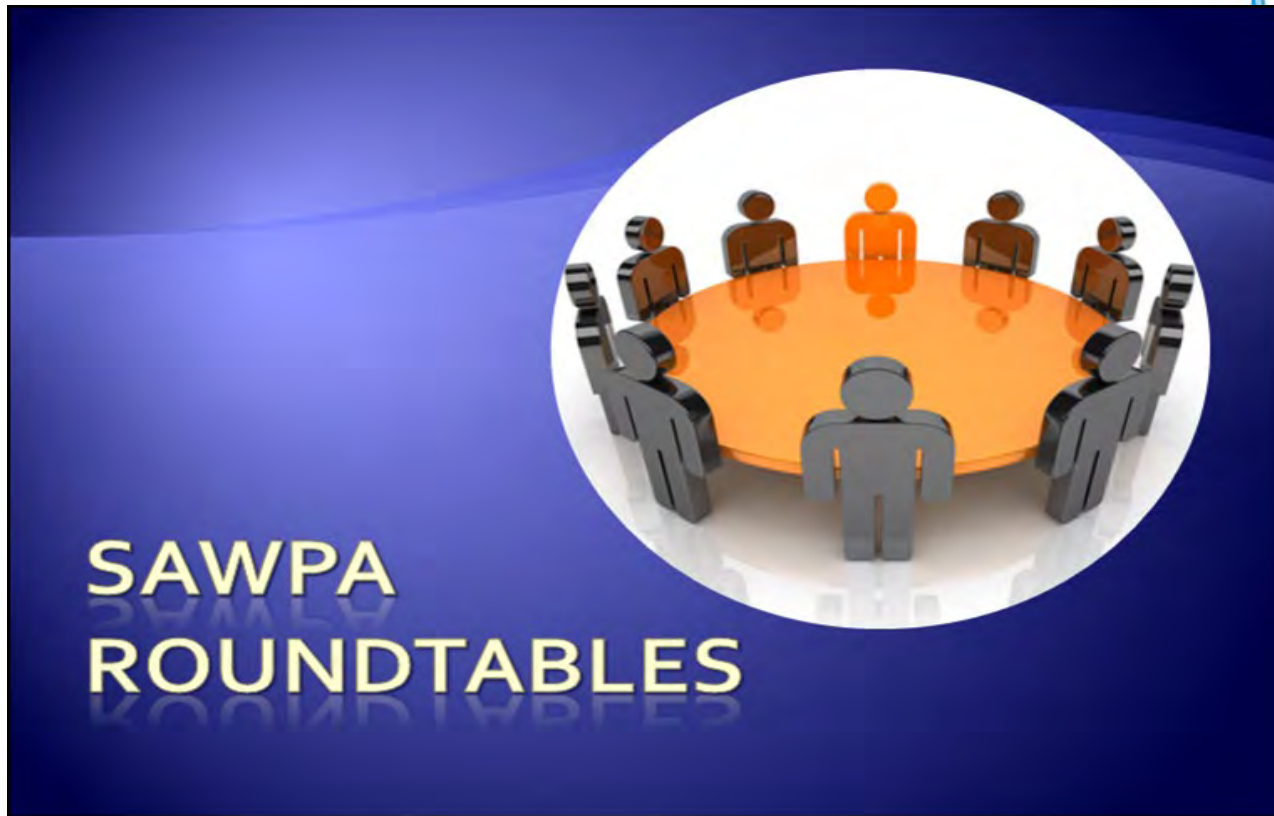


FYE 2021

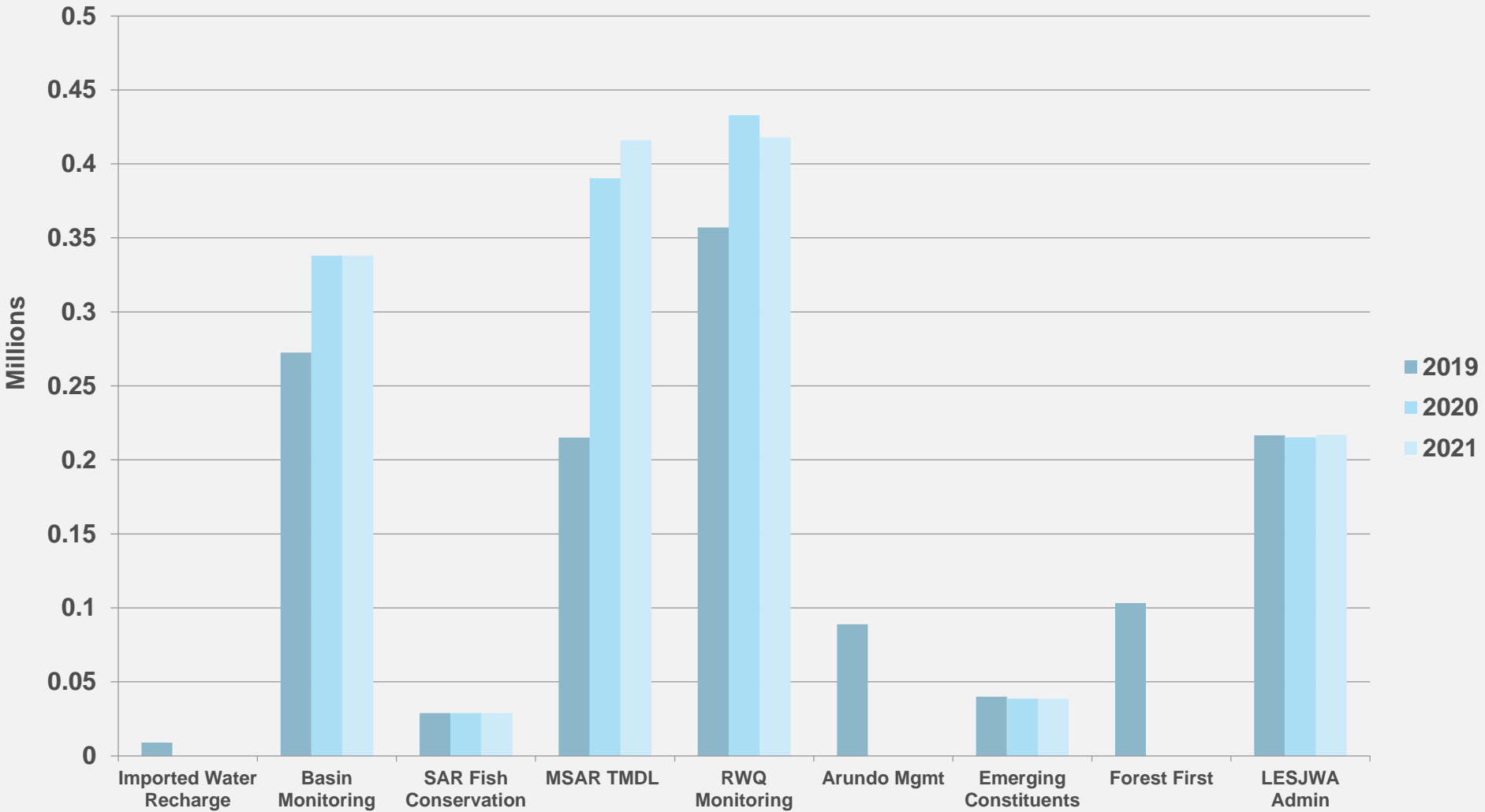
Expenses \$5.1 Million



Roundtables Funds Budget

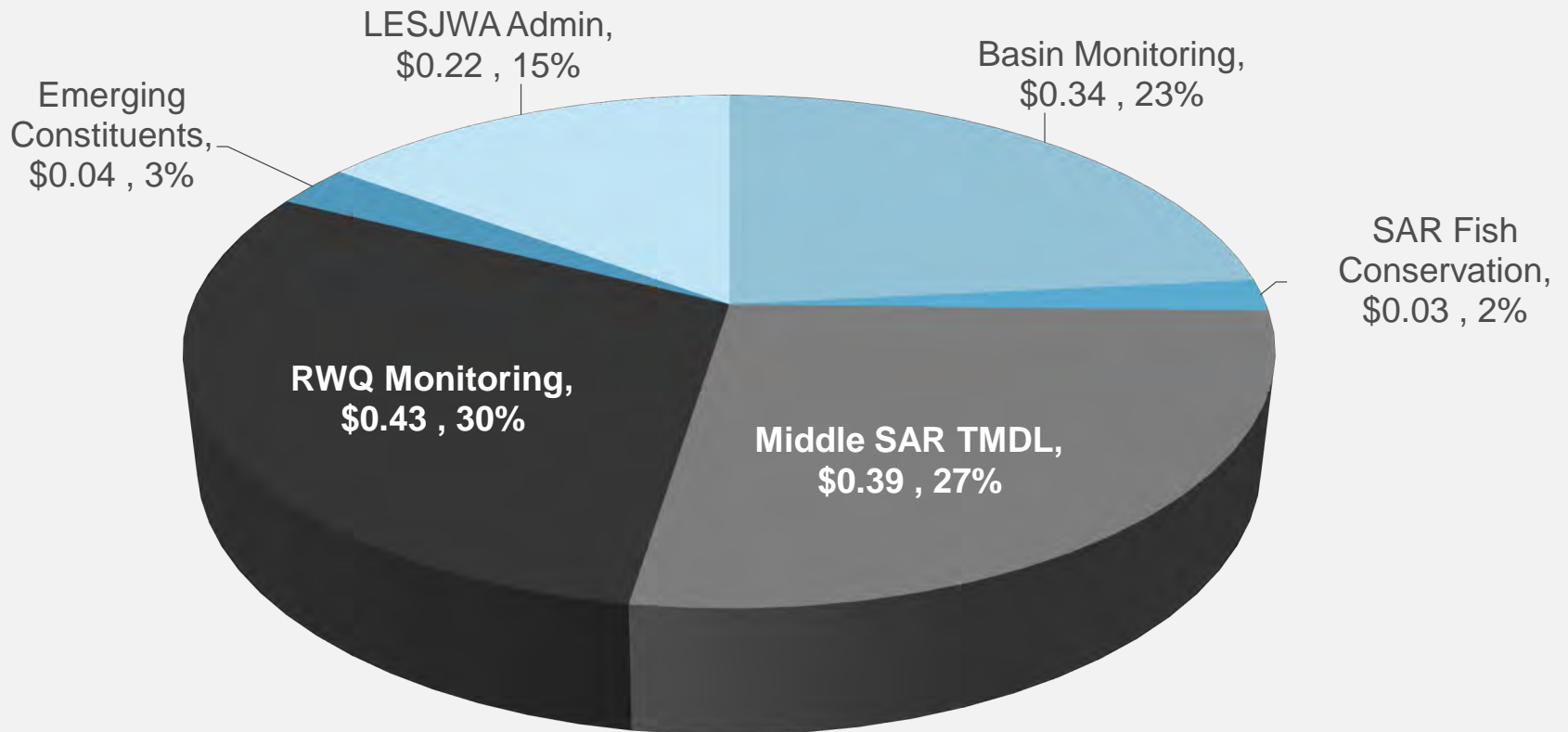


Roundtables Funds Revenue



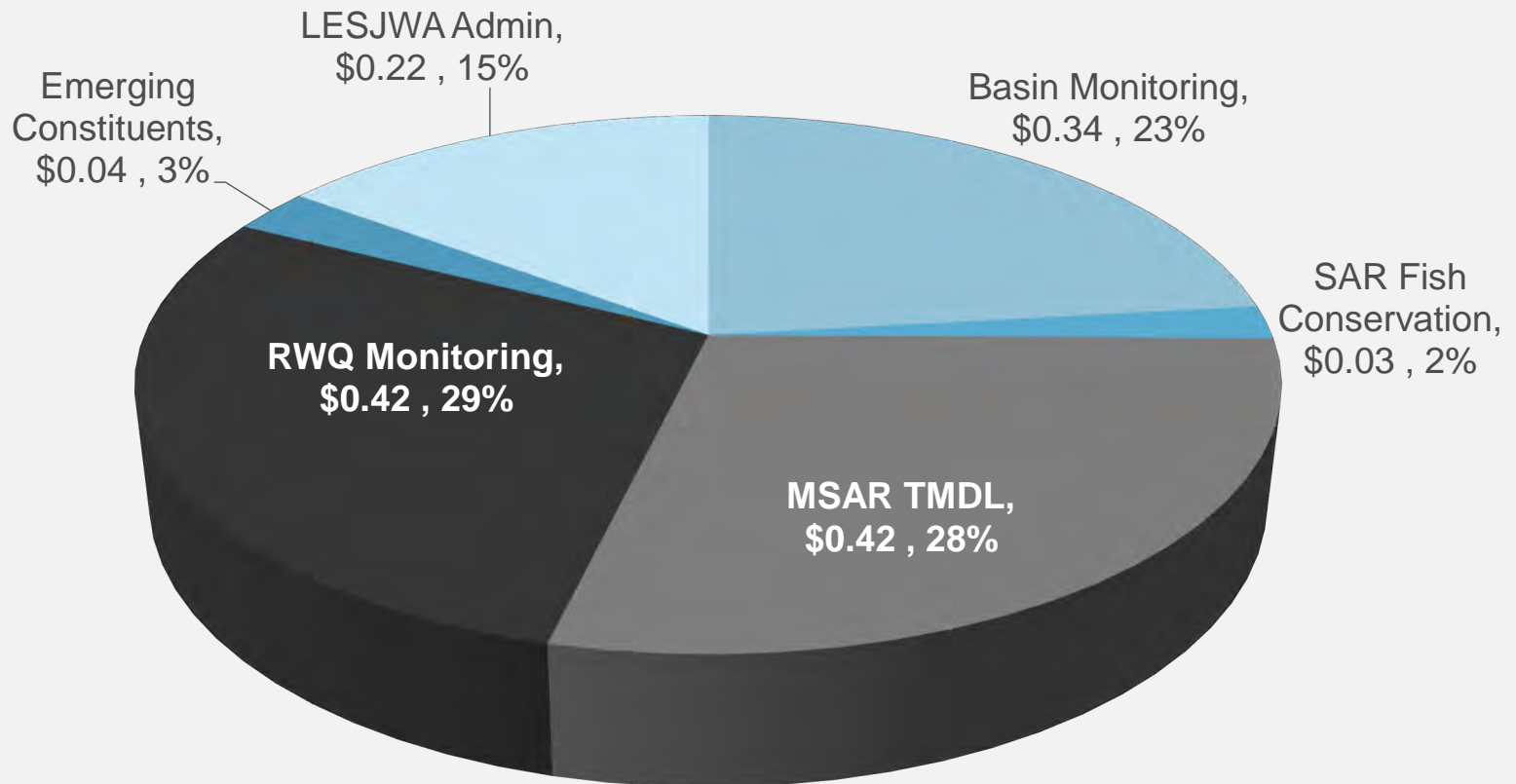
FYE 2020

Revenues \$1.4 Million

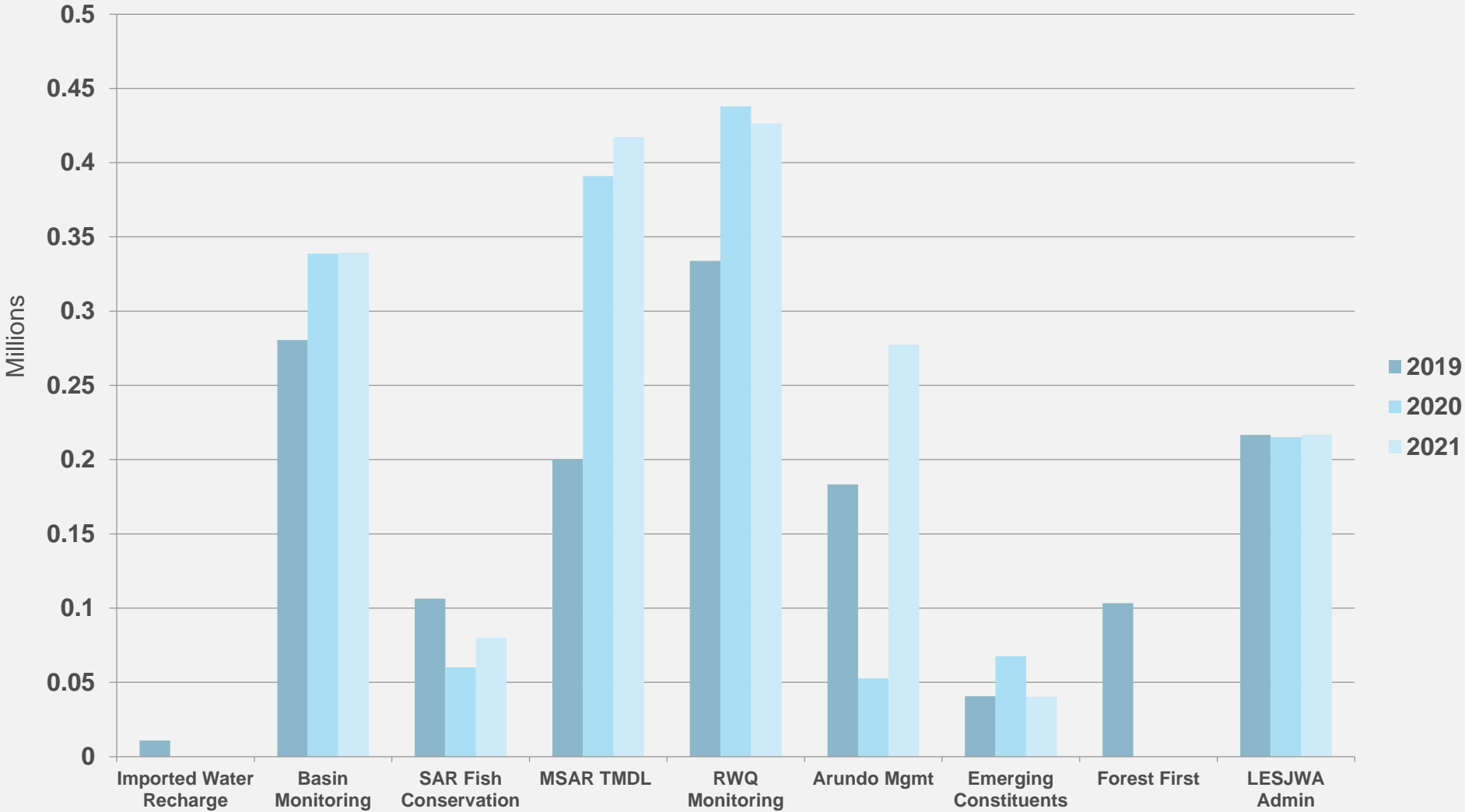


FYE 2021

Revenues \$1.5 Million

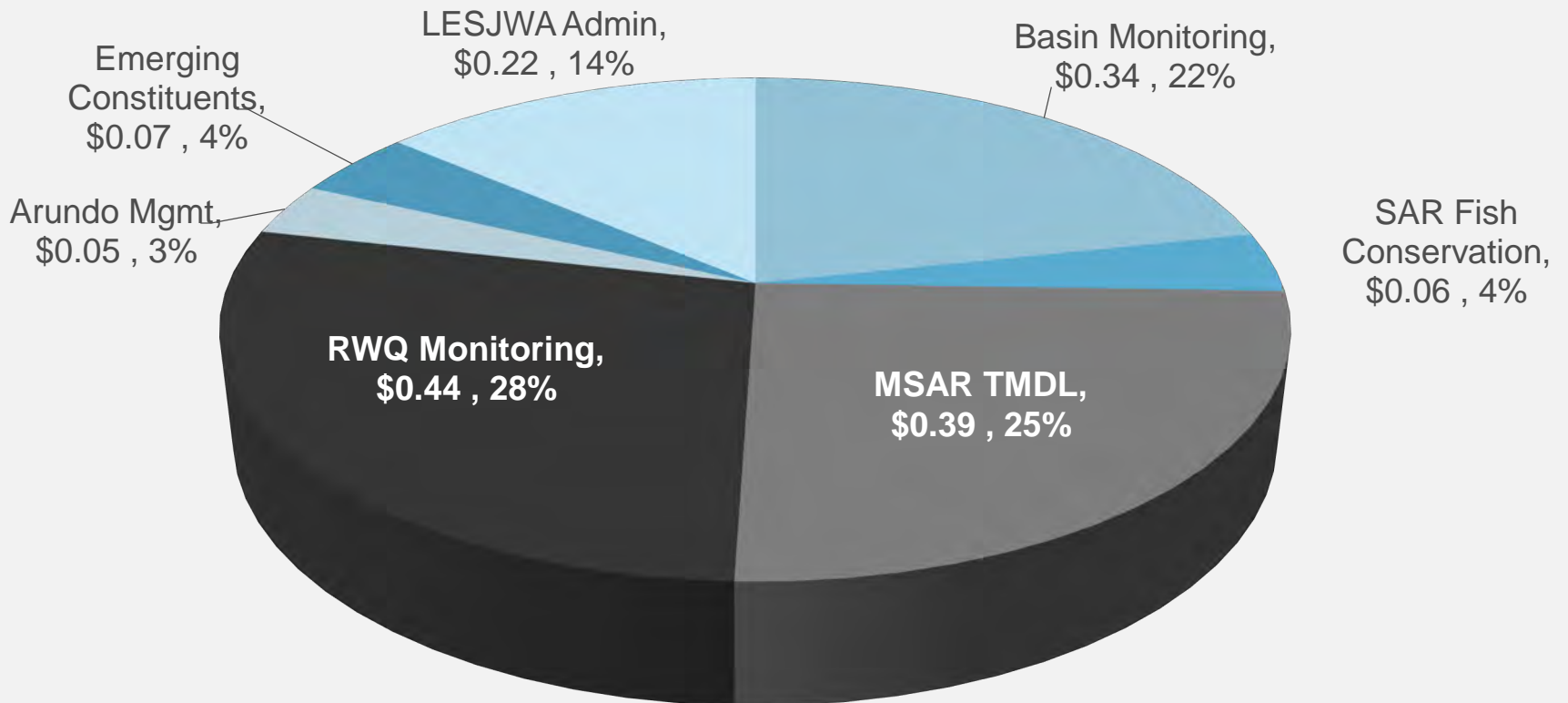


Roundtables Funds Expenses



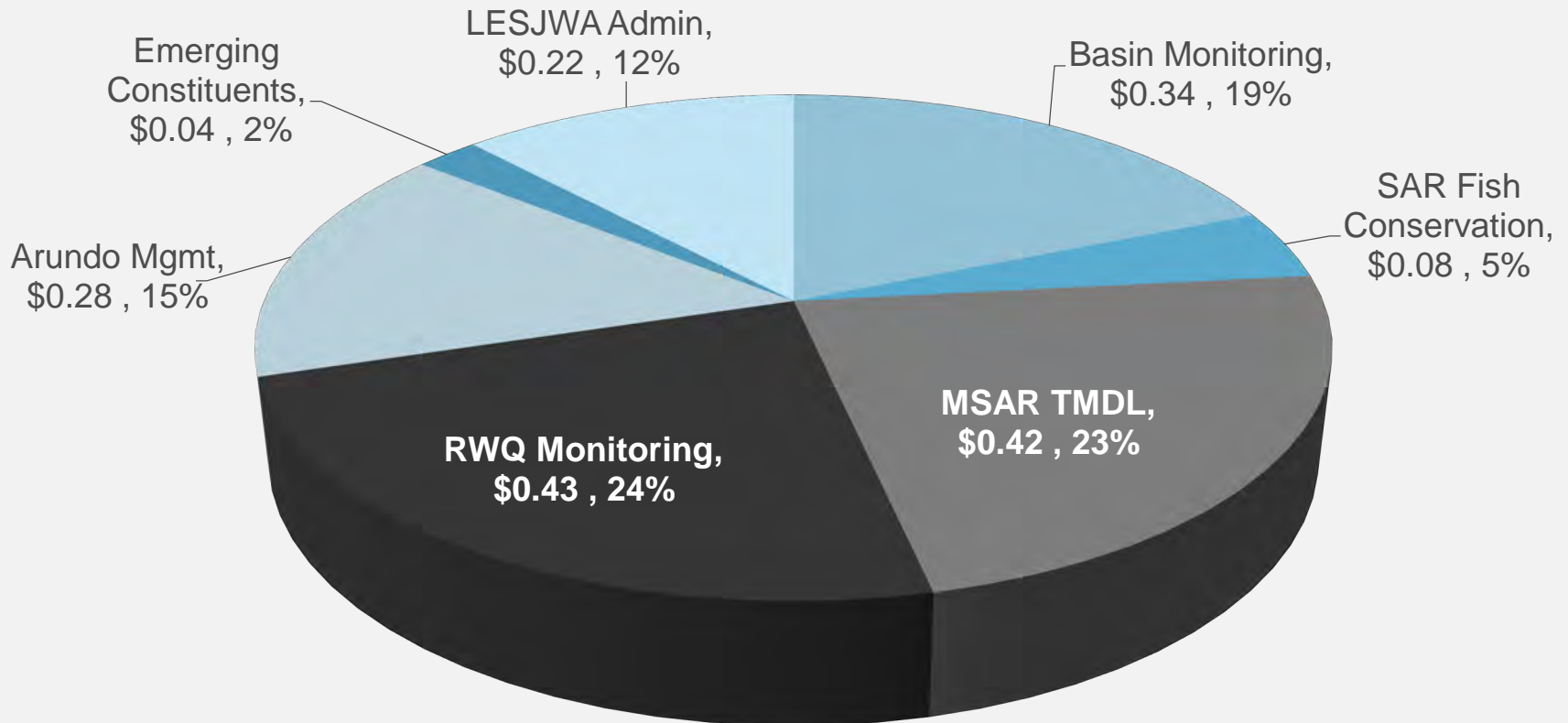
FYE 2020

Expenses \$1.6 Million



FYE 2021

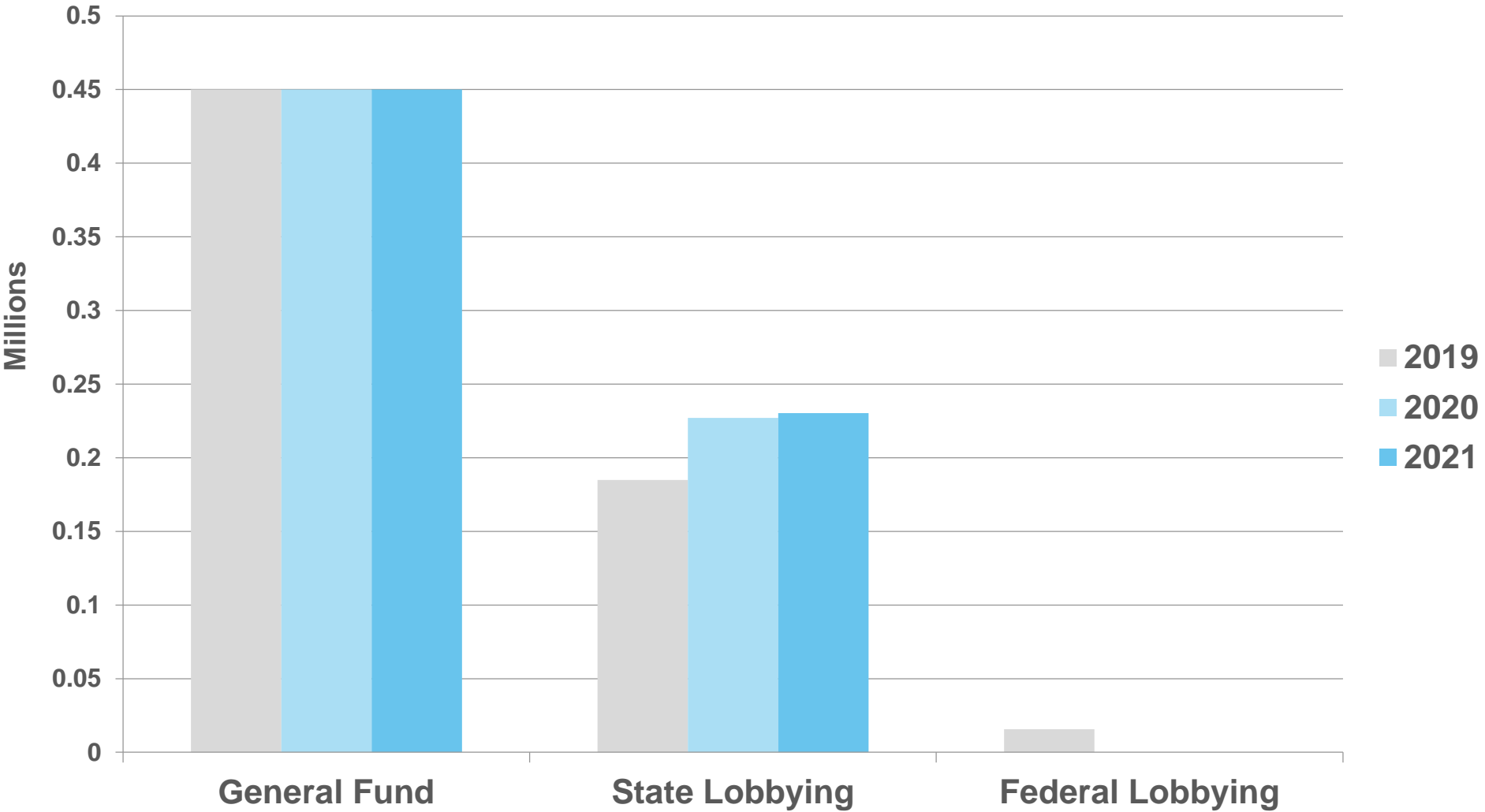
Expenses \$1.8 Million



General Fund Budget



General Fund Costs





General Fund Costs

Fund	FYE 2019	FYE 2020	FYE 2021
General Fund	\$450,000	\$450,000	\$450,000
State Lobbying	184,980	226,966	230,339
Federal Lobbying	15,715	0	0
Total	\$650,695	\$676,966	\$680,339

General Fund Costs

Fund	FYE 2019	FYE 2020	FYE 2021
Labor and Benefits	\$2,300,239	\$2,295,991	\$2,547,084
Education & Training	57,300	49,800	50,200
Consulting & Professional Services	134,400	313,200	304,000
Operating Costs	6,090	6,400	6,550
Repair & Maintenance	105,540	122,100	122,550
Phone & Utilities	73,620	69,150	75,900
Equipment & Computers	232,900	210,900	212,650
Meeting & Travel	57,500	62,000	62,000
Other Administrative Expenses	226,577	206,613	209,103
Insurance & Fixed Assets	164,703	135,250	139,250
Retiree Medical & Building Reserves	213,000	267,773	277,823
Total Before Indirect Cost Allocations	\$3,571,569	\$3,739,177	\$4,007,110
Less Indirect Cost Allocations	(3,121,569)	(3,289,177)	(3,557,110)
Total General Fund Costs	\$450,000	\$450,000	\$450,000

Indirect Costs Paid

Fund	FYE 2019	FYE 2020	FYE 2021
Brine Line Operating Fund	\$1,457,293	\$1,816,182	\$1,990,646
Brine Line Capital Fund	264,047	116,196	127,081
OWOW Funds	1,182,852	1,132,032	1,199,949
Roundtables Funds	217,376	224,769	239,434
Total	\$3,121,569	\$3,289,177	\$3,557,110

Labor Assumptions Used



- **28 FTE**
 - **24 filled and approved FTE**
 - **4 unfilled budgeted positions**
- **5 Interns**
- **Approved 4% Merit Pool (both years)**
- **Approved 1.25% or annual indexed COLA using the LA-Riverside-Orange County CPI index (whichever is greater) (4% used in budget)**

Staff Changes

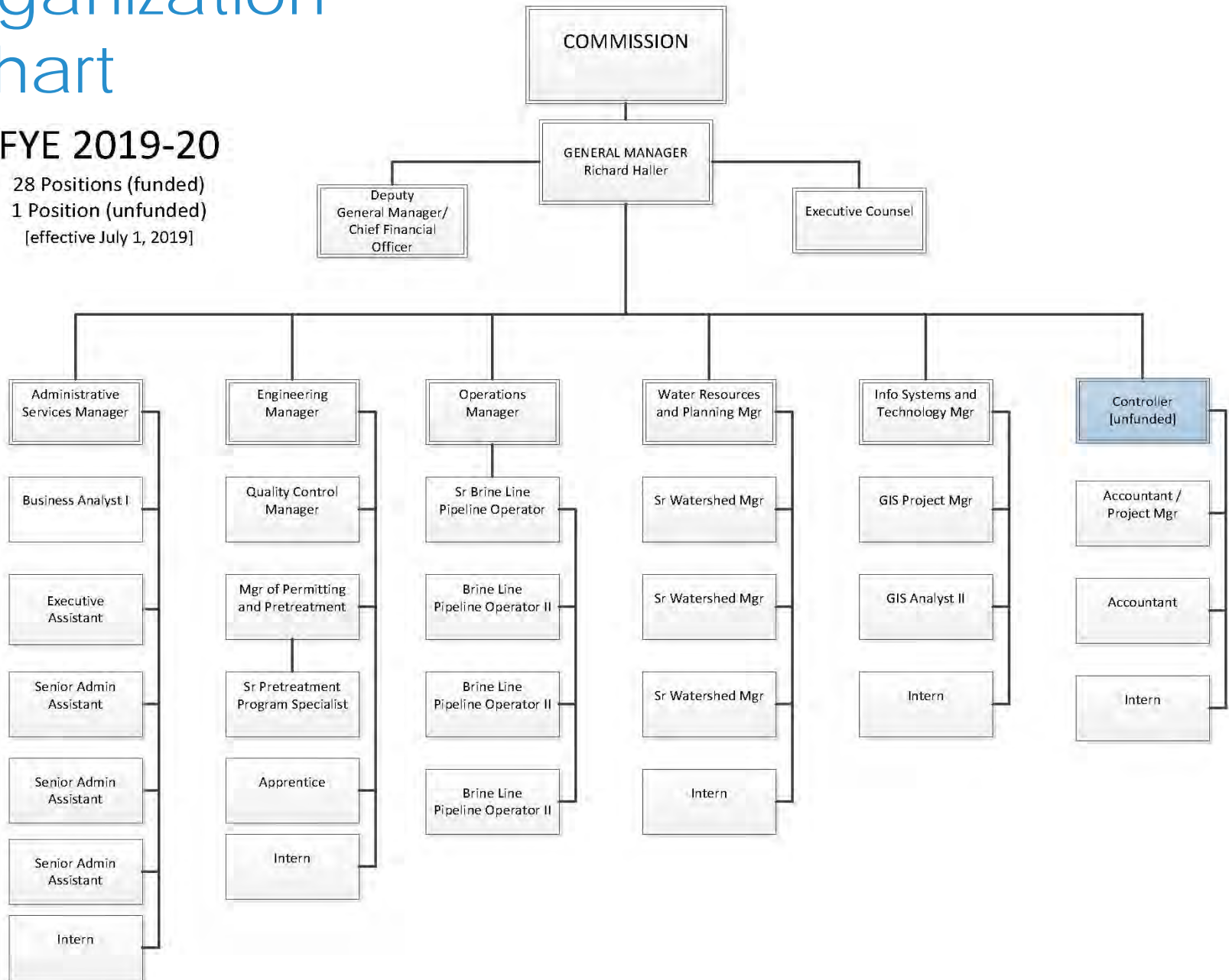
- **Added a Business Analyst I – FYE 2018**
- **Added Pre-Treatment Apprentice**
- **Added an Intern in Administration**
- **Combined Deputy General Manager and CFO position**
- **Removed Grant/Technical Writer position**



Organization Chart

FYE 2019-20

28 Positions (funded)
1 Position (unfunded)
[effective July 1, 2019]



Positions by Department



Department	FYE 2014	FYE 2015	FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	FYE 2021
Executive Management	2	2	2	2	2	2	3	3
Administrative Services	5	5	5	5	5	6	6	6
Finance/Accounting	3	3	3	3	3	3	2	2
Information Systems and Technology	3	3	3	3	3	3	3	3
Engineering*	7	7	9	9	5	5	5	5
Operations*	0	0	0	0	5	5	5	5
Water Resources & Planning	3	3	4	4	5	5	4	4
Total Positions	23	23	26	26	28	29	28	28

* Engineering and Operations was one department prior to 2017

Benefit Assumptions Used



PERS 2% @ 55 - Classic

	FYE 2020	FYE 2021
PERS Employers Rate	11.12%	11.8%
Employer Paid Member Contribution (EPMC)	1.40%	0%
Unfunded Liability Payment	\$237,191	\$275,000

PERS 2% @ 62 - PEPRA

	FYE 2020	FYE 2021
PERS Employers Rate	7.191%	7.8%
Unfunded Liability Payment	\$6,312	\$6,800

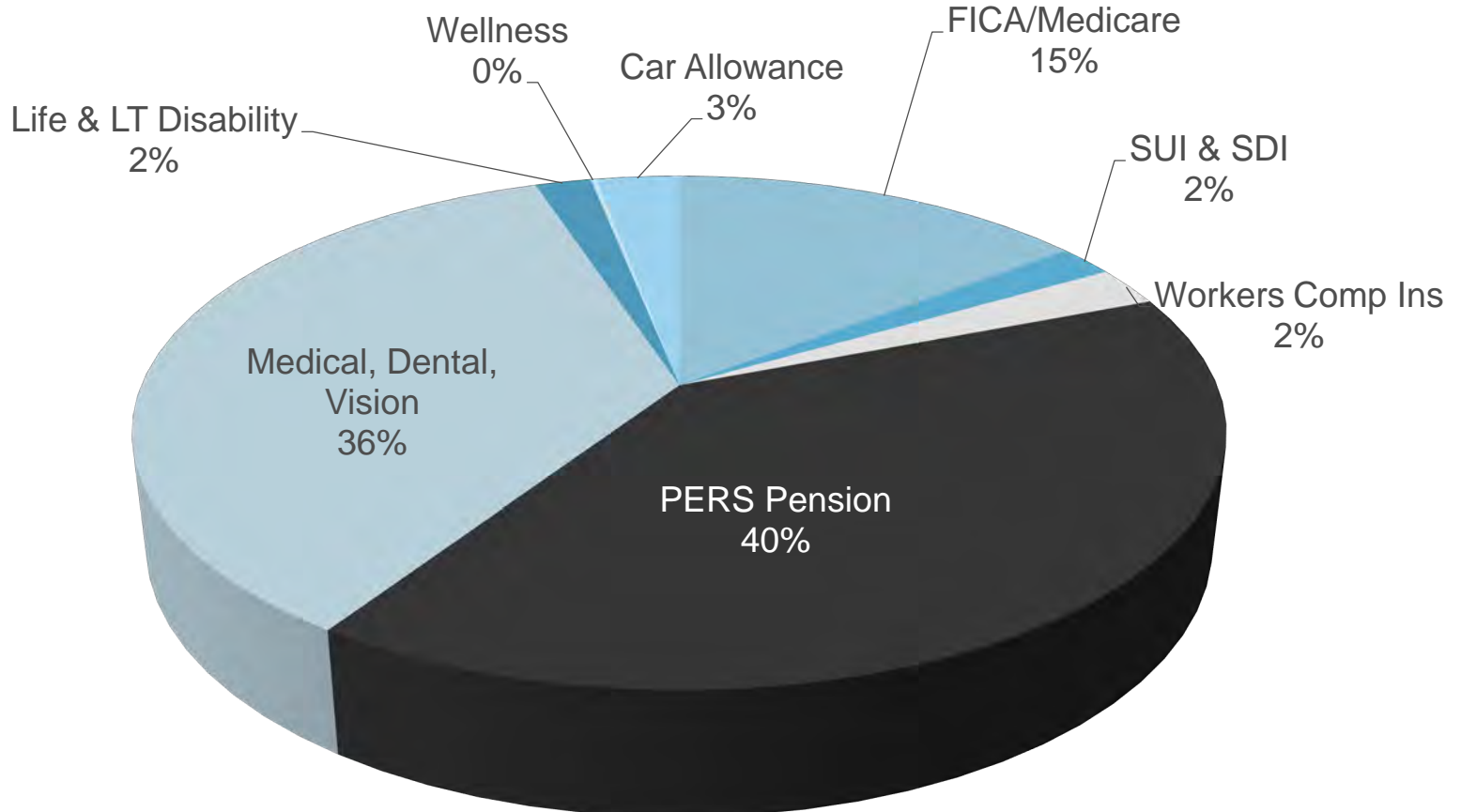
Benefit Assumptions Used



- **PERS Unfunded Liability as of 06/30/18**
 - \$3,724,430
- **Outstanding OPEB Liability as of 06/30/18**
 - \$603,174
- **GASB 45/75 Compliance**
 - **FYE 2020 – \$167,773**
 - Annual Required Contribution = \$74,390
 - Pay go Retiree Premiums (7) = \$93,383
 - **FYE 2021 - \$177,823**
 - Annual Required Contribution = \$76,000
 - Pay go Retiree Premiums (7) = \$101,823
- **Health insurance cap based on the lowest cost plan**
 - **(Kaiser family) - \$1,745.45/month**
 - 8% increase FYE 2020
 - 10% increase FYE 2021

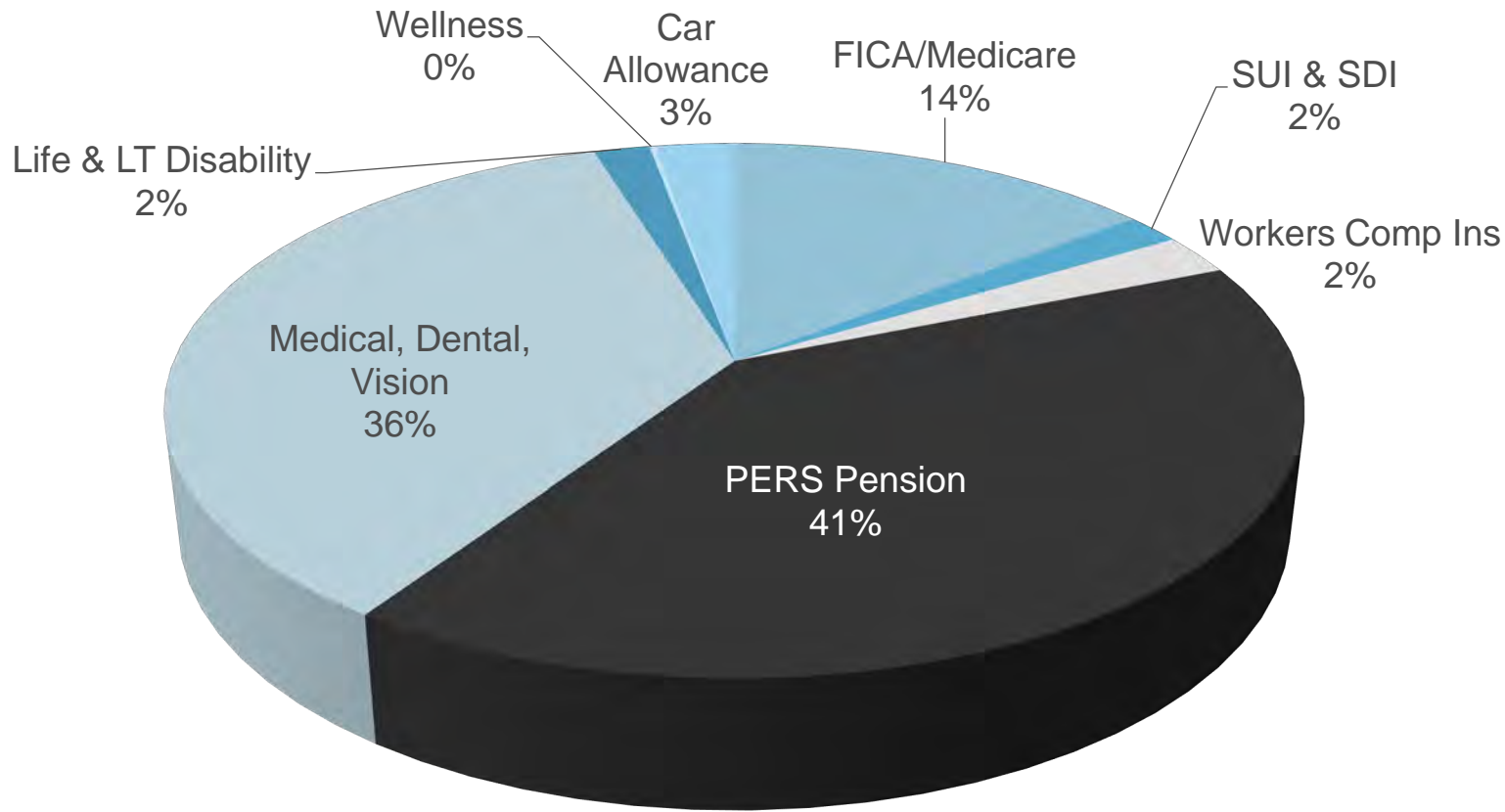
Benefit Costs FYE 2020

Total Benefits \$1.7 Million

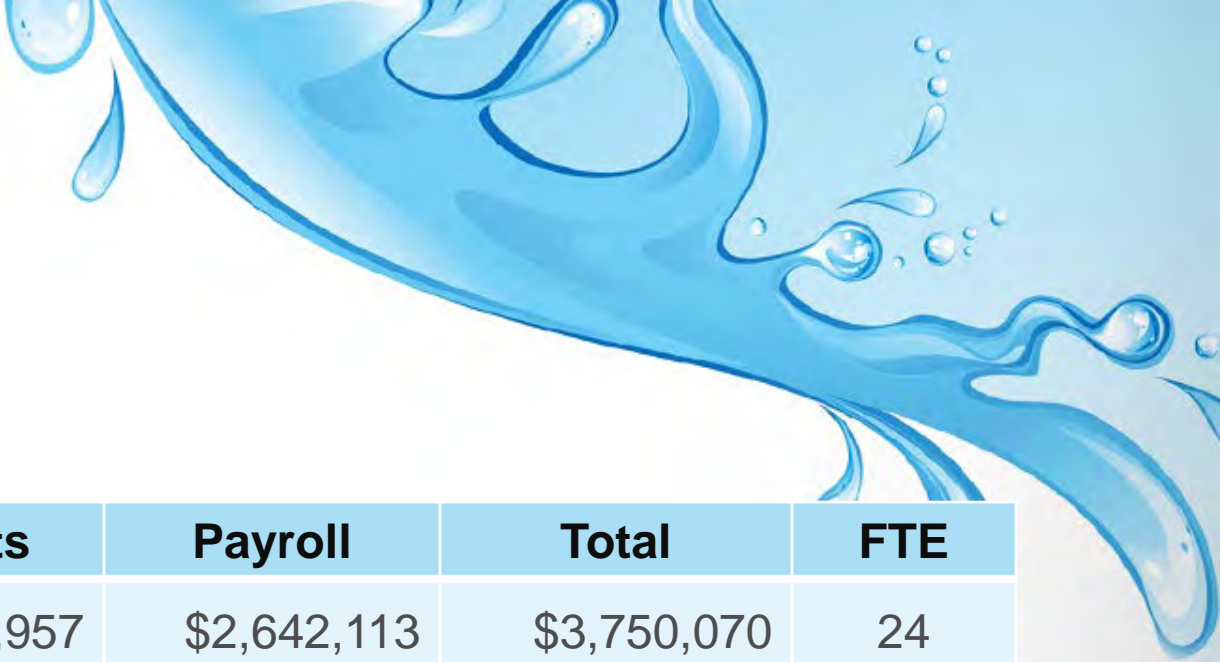


Benefit Costs FYE 2021

Total Benefits \$1.9 Million



Total Payroll & Benefit Costs

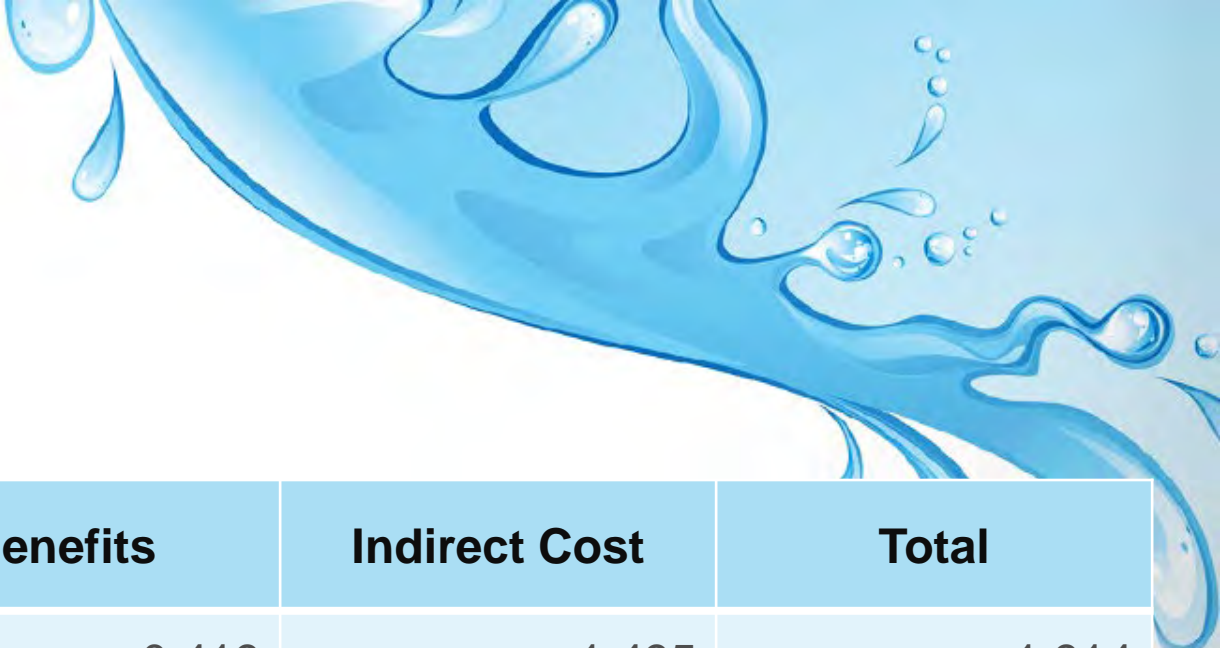


FYE	Benefits	Payroll	Total	FTE
2015	\$1,107,957	\$2,642,113	\$3,750,070	24
2016	\$1,228,101	\$2,912,184	\$4,140,285	25
2017	\$1,316,167	\$3,091,302	\$4,407,469	26
2018	\$1,356,121	\$3,290,569	\$4,646,690	27
2019	\$1,686,262	\$3,859,112	\$5,545,374	28
2020	\$1,744,854	\$3,825,402	\$5,570,256	28
2021	\$1,890,627	\$4,173,739	\$6,064,366	28

Budget

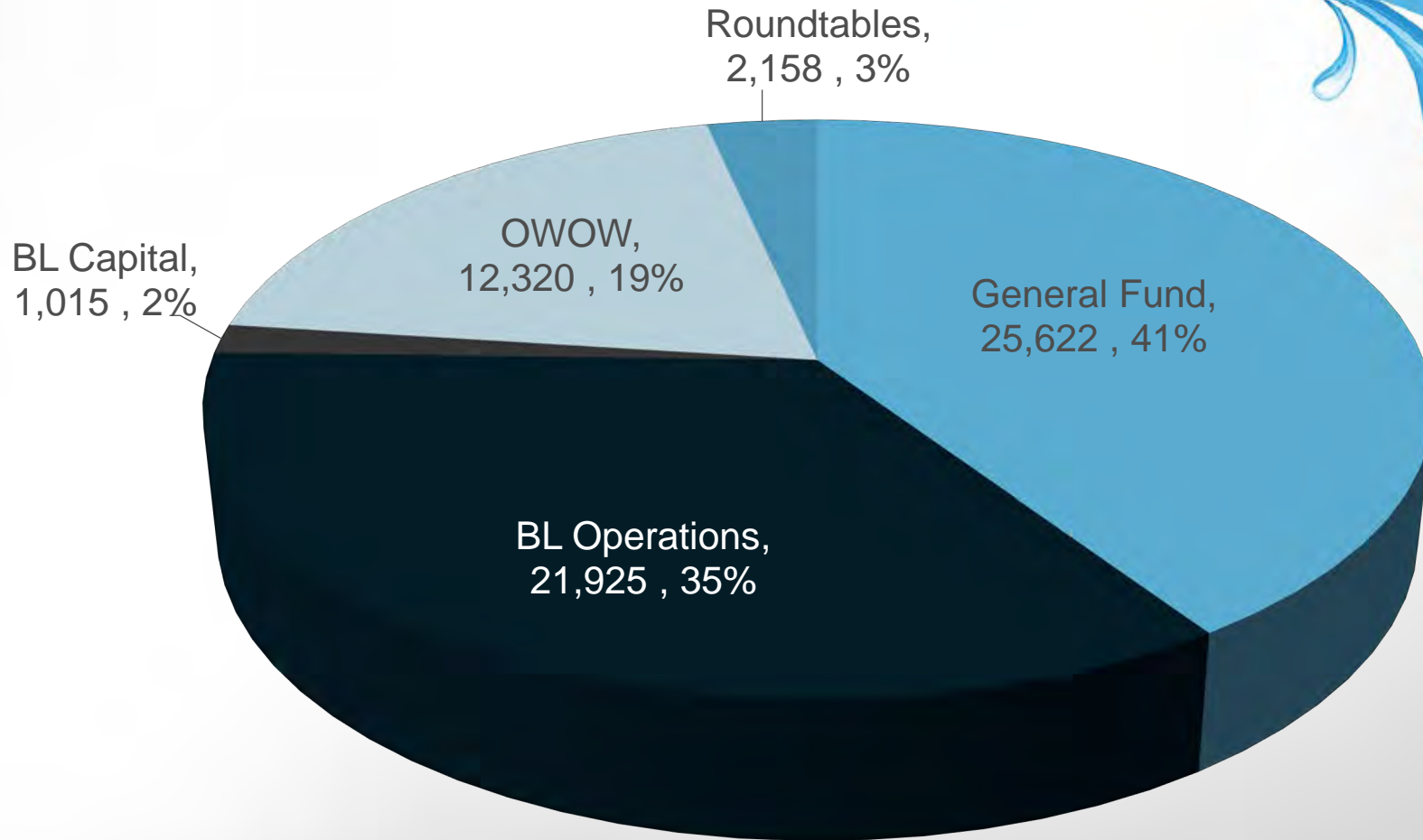


Benefit & Indirect Cost Allocation Rates

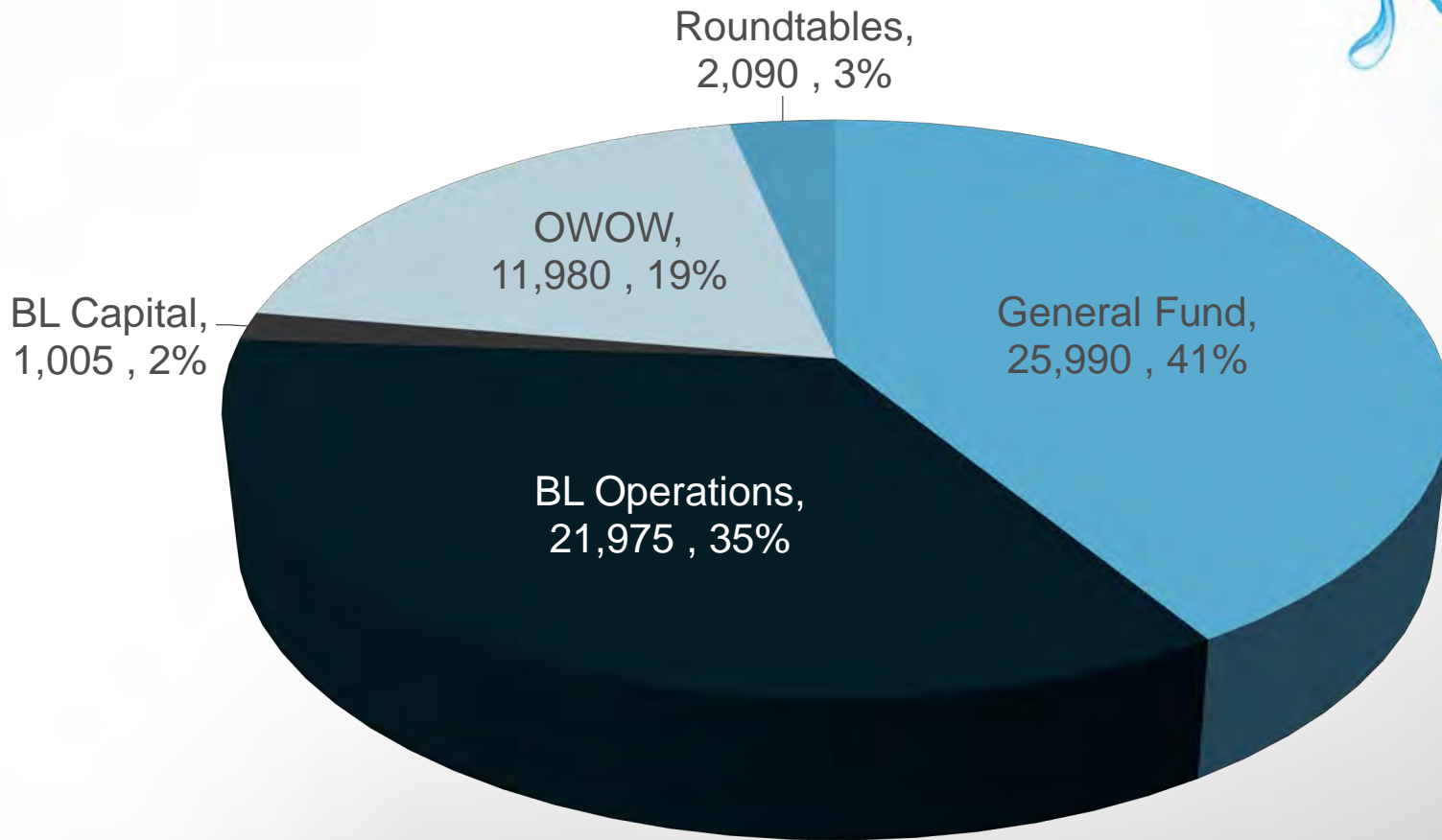


FYE	Benefits	Indirect Cost	Total	
2015	0.419	1.495	1.914	
2016	0.422	1.651	2.073	
2017	0.426	1.510	1.936	
2018	0.412	1.578	1.990	
Budget {	2019	0.437	1.411	1.848
	2020	0.456	1.505	1.961
	2021	0.453	1.508	1.961

Labor Hours Distribution FYE 2020



Labor Hours Distribution FYE 2021

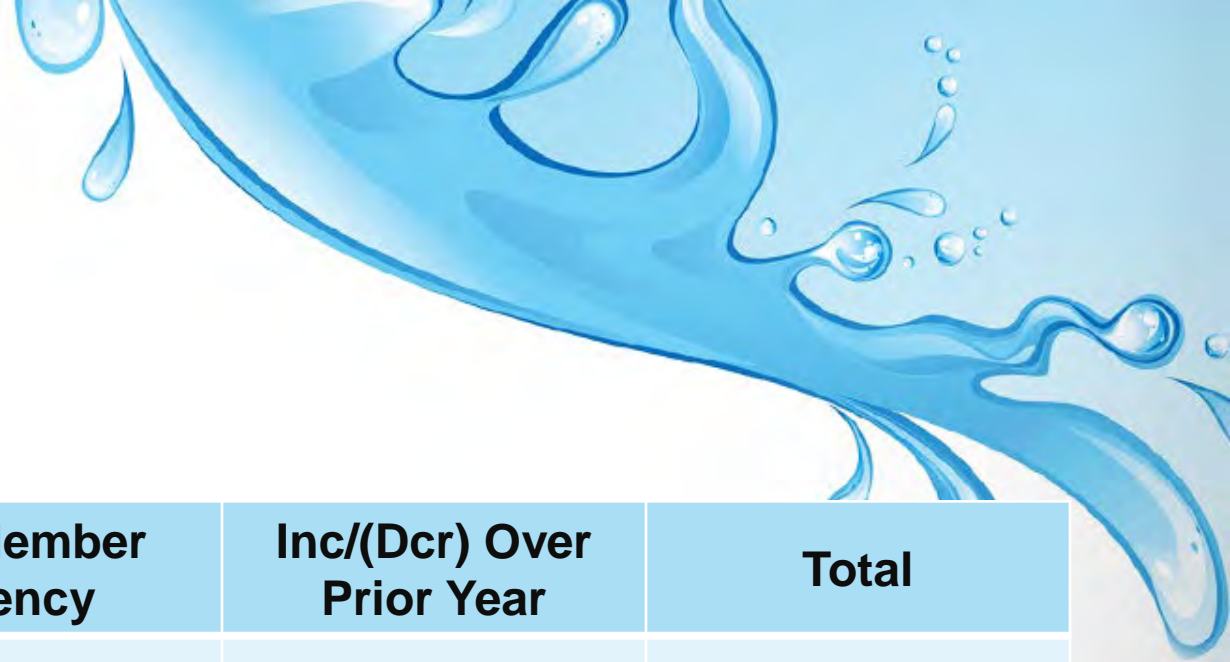


Total Labor Hours Distribution



Fund	FYE 2020	% of Total	FYE 2021	% of Total
General Fund	25,622	40.6%	25,990	41.2%
Brine Line Operating Fund	21,925	34.8%	21,975	34.9%
Brine Line Capital Fund	1,015	1.7%	1,005	1.6%
OWOW Funds	12,320	19.5%	11,980	19.0%
Roundtables Funds	2,158	3.4%	2,090	3.3%
Total	63,040	100.0%	63,040	100.0%

Member Contributions



FYE	Per Member Agency	Inc/(Dcr) Over Prior Year	Total
2015	\$339,090	\$8,723	2.64%
2016	\$269,559	(\$69,531)	(20.51%)
2017	\$287,861	\$18,302	6.79%
2018	\$288,423	(\$562)	(0.195%)
2019	\$294,339	\$5,916	2.05%
2020	\$305,393	\$11,054	3.76%
2021	\$306,068	\$675	0.22%

Member Contributions per Agency

Activity	Actual FYE 2019	Budget FYE 2020	Budget FYE 2021
General Planning	\$71,200	\$72,000	\$72,000
USBR Partnership Studies	\$4,000	\$4,000	\$4,000
Watershed Management (OWOW)	\$85,000	\$90,000	\$90,000
SA River Fish Conservation	\$2,000	\$2,000	\$2,000
LESJWA Management	\$2,000	\$2,000	\$2,000
State/Federal Lobbying	\$40,139	\$45,393	\$46,068
General Fund	\$90,000	\$90,000	\$90,000
Total Agency Contribution	\$294,339	\$305,393	\$306,068

3.76%

0.22%



Questions?