



SANTA ANA WATERSHED
PROJECT AUTHORITY

SAWPA Lobby Security Improvements Project

April 1, 2025

Item No. 6.A

David Ruhl

Executive Manager of Engineering and Operations

Recommendation

- Reject the lowest bid from CO Brother's Inc. as nonresponsive;
- Authorize the GM to award a contract for public works construction to the lowest responsive, responsible bidder, Bridgerock Construction Inc., for the Lobby Security Improvements Project (Project), in an amount not-to-exceed \$552,988;
- Authorize the GM to approve TO GPA100-03 with Gillis + Panichapan Architects for services during construction for and amount not-to-exceed \$27,000;
- Authorize the GM to approve TO FALC100-02 with Falcon Engineering Services for Construction Management and Inspection Services for an amount not-to-exceed \$142,140; and
- Approve \$594,681 from the Building Reserve Fund, and \$127,447 of interest earnings from the General Fund for construction and inspection support for the Project.

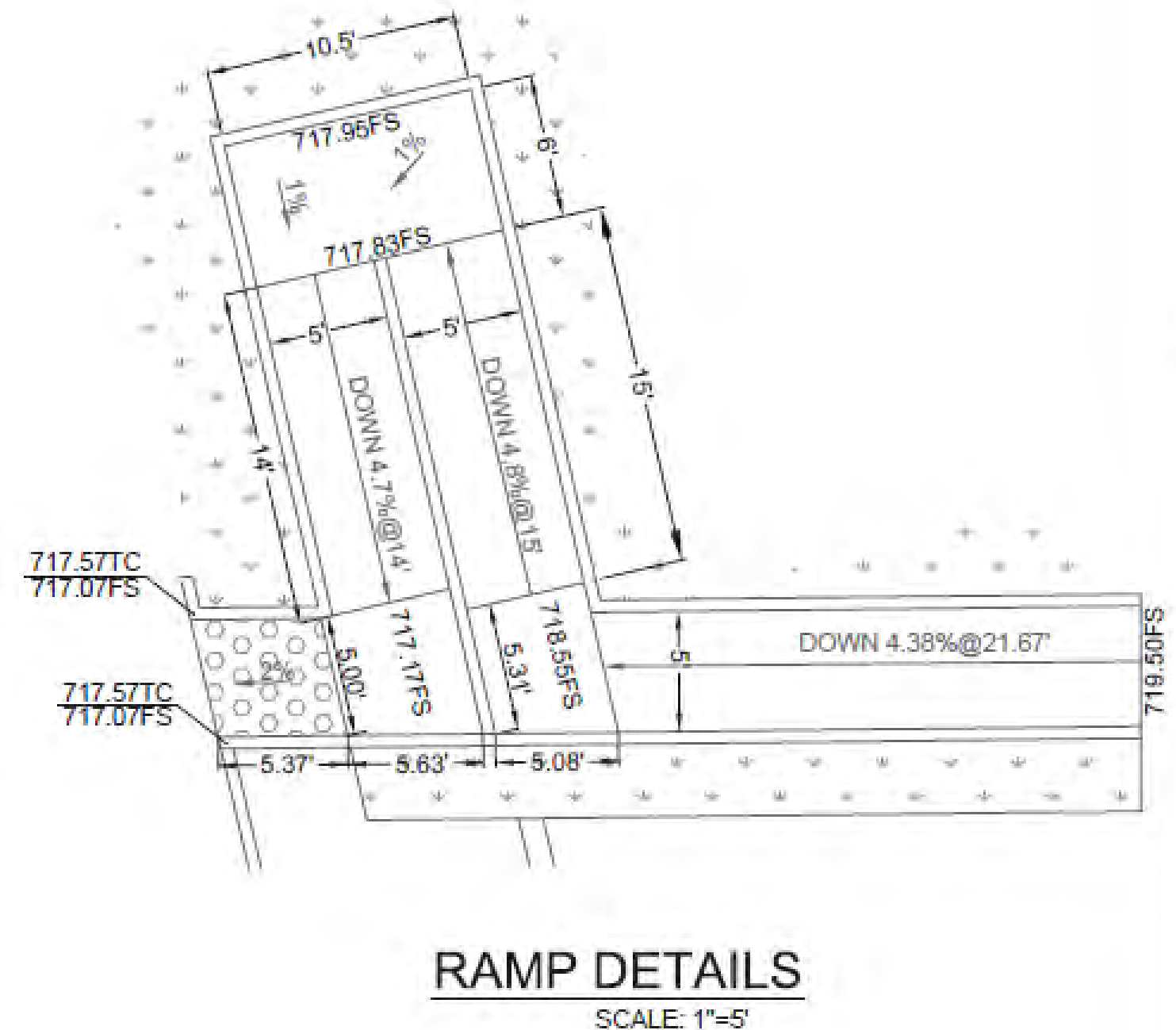
Lobby Security Improvements

- Harden the entrance to add a layer of security
- Maintain open lobby during business hours
- Improve functionality and appearance of reception work area
- Provide exterior and interior ADA Upgrades



Exterior and Interior ADA Improvements

- Exterior ADA Compliant Ramp
 - Provides path of travel
 - Adds a ramp from the ADA parking
 - Preserves 2/3 of the exterior concrete area
- Interior ADA Compliant Restrooms



Summary of Bids

- Bids Received March 13th

<u>Bidder</u>	<u>Bid Amount</u>
• CO Brothers LLC. (nonresponsive)	\$533,564
• Bridgerock Construction, Inc.	\$552,988
• R. Dependable Construction, Inc.	\$630,000
• YMC	\$669,000
• Dalke & Sons Construction, Inc.	\$741,490
• Marjani Builders, Inc.	\$859,900
• US Builders and Consultants, Inc	\$878,700
• MLC Constructors, Inc.	\$957,716
• Estimate of Construction Costs	\$604,000

Bid Analysis and Recommended Award

Bid Analysis

- Bid reviewed for compliance with the Bid Documents
- Lowest bidder CO Brother's is nonresponsive
- 2nd Lowest Bid received from Bridgerock Construction Inc.
 - Qualified to perform the work
 - References contacts
- Bridgerock submitted the lowest, responsive, responsible bid (award recommended)

Services during Construction

- Construction Management and Inspection Services – Falcon Engineering
 - Proven performance and qualifications
 - Agua Mansa Lateral
 - Landscape Improvements
- Engineering Support Services - Gillis + Panichapan
 - Prepared drawings and specifications for Project

Project Cost and Funding

Project Cost

- Construction and Support \$722,128

Funding

- Building Reserve Fund \$594,681
- Interest Earnings from the General Fund \$127,447
- \$722,128

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Questions?

Thank You

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SANTA ANA WATERSHED
PROJECT AUTHORITY

Approval of Consultant Contract with WSC, Inc. for Monitoring Plan - Santa Ana River Reach 3 Total Dissolved Solids Special Study

Commission Meeting
Item No. 6.B

Rachel Gray, Water Resources & Planning Manager
Santa Ana Watershed Project Authority

April 1, 2025



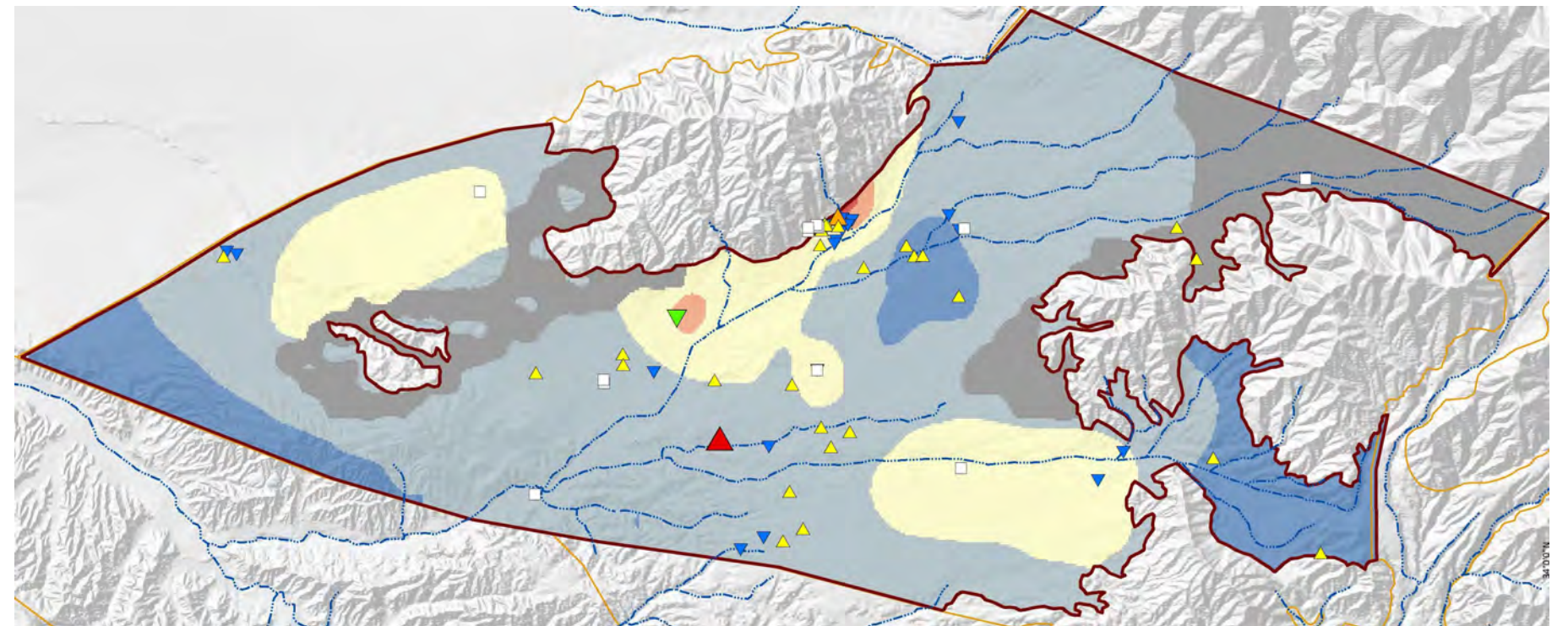
Recommendation

It is recommended that the Commission authorize the General Manager, or his designee, to execute the following to implement the Monitoring Plan for the Santa Ana River Reach 3 Total Dissolved Solids Special Study:

1. General Services Agreement with Water Systems Consulting, Inc. (WSC); and
2. Task Order No. WSC374-02 for an amount not to exceed \$159,602.

Agenda

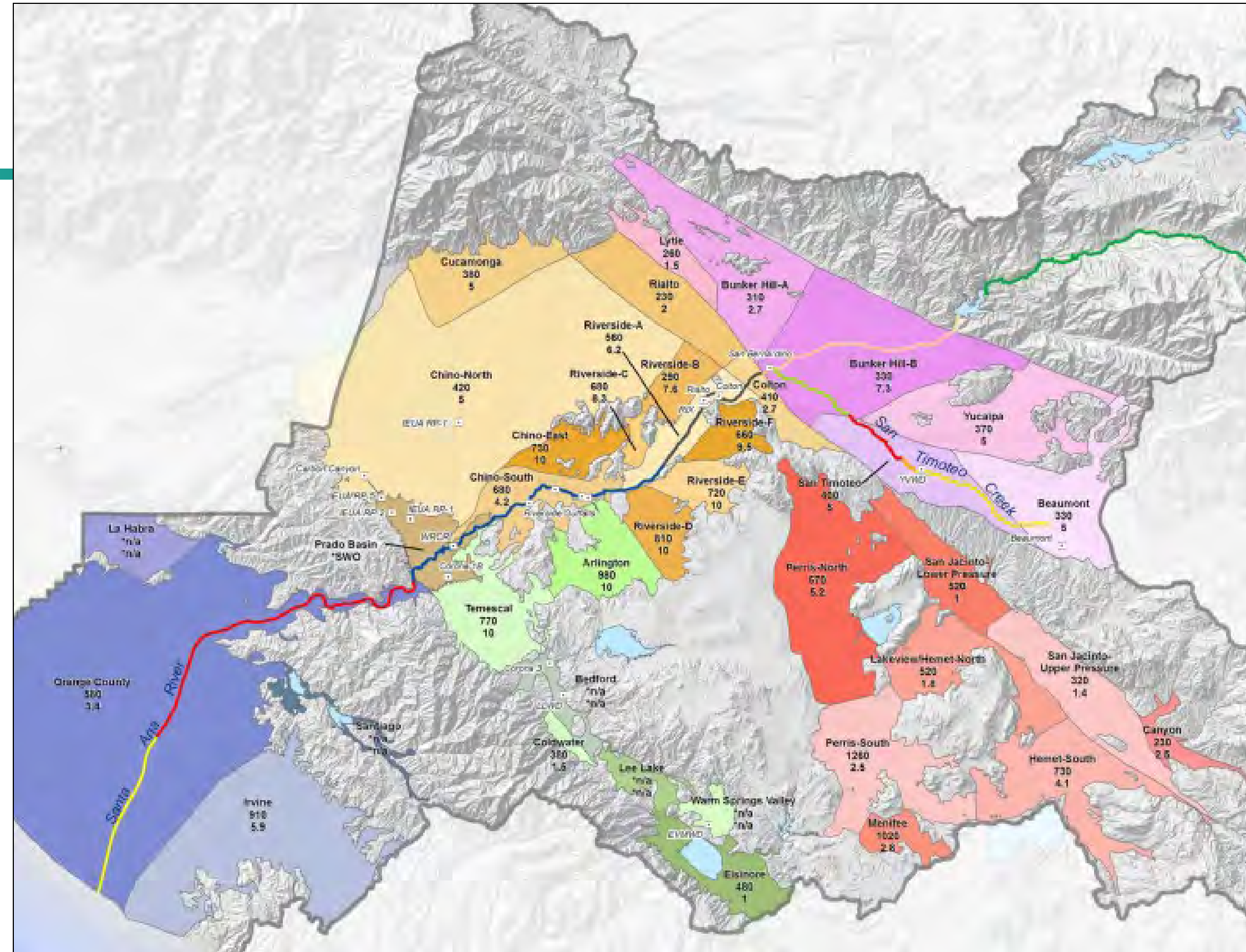
- Basin Monitoring Program Task Force:
 - Overview
 - RFP Approval
 - Task Force Members
- Reach 3 Special Study:
 - Objective
 - Area of Focus
- Consultant Selection Process:
 - Proposal Evaluation Process
 - Consultant Selection:
 - Scoring
 - Project Highlight
 - Schedule
 - Budget
- Recommendation



Basin Monitoring Program Task Force Formed to Implement TDS/N Management Plan

Roles & Activities

- Conducts analysis of Total Dissolved Solids (TDS) and Nitrate (N) in watershed groundwater every three (now five) years to identify trends
- Prepares Annual Santa Ana River surface water quality report
- Creates and updates Santa Ana River Wasteload Allocation model to confirm compliance of river discharges with ground water quality objectives
- Conducts salt and nitrogen investigations as necessary



RFP Prepared by Basin Monitoring Program Task Force

Task Force Members

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



Santa Ana Regional Board also a non-funding task force member agency

Request For Proposals (RFP) Approved

- RFP developed by Task Force throughout 2024.
- Approved by SAWPA Commission and released on November 19, 2024.



**Basin Monitoring Program
Task Force**

**Request for Proposals For
Consulting Services
For
Monitoring Plan - Special
Study of Total Dissolved
Solids for Santa Ana River
Reach 3**

**SANTA ANA WATERSHED PROJECT
AUTHORITY**

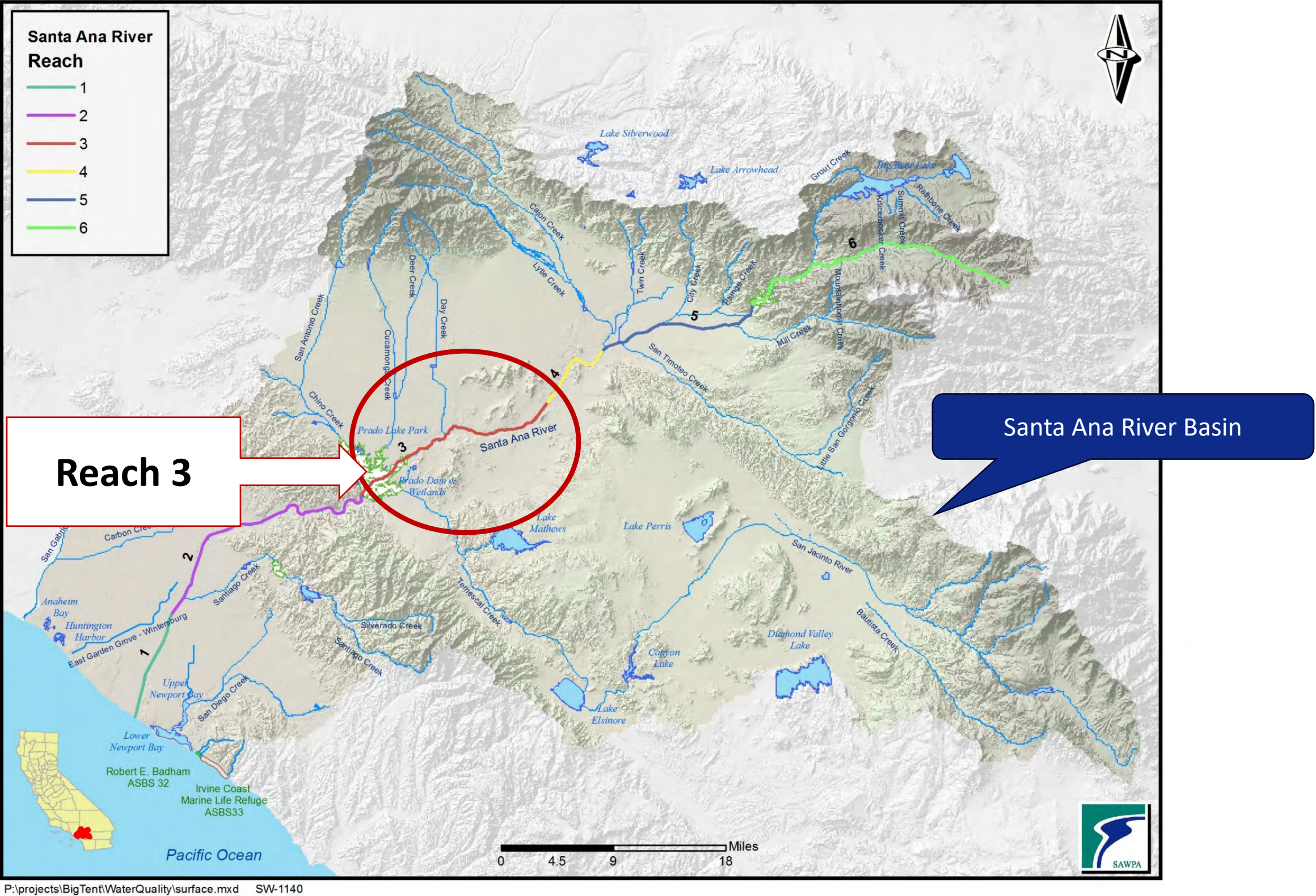
NOVEMBER 19, 2024

Impetus for Special Study

- The first recent excursion of TDS over 700 mg/L occurred in 2013 and was reported in the 2013 Annual Report.
 - There has been several excursions over 700 mg/L since 2013 as reported in the Annual Report.
- Sound science is needed to understand fluctuating TDS level on downstream end of Reach 3 (below Prado Dam).
- The next Integrated Report data collection effort will occur in approximately the middle of 2026.



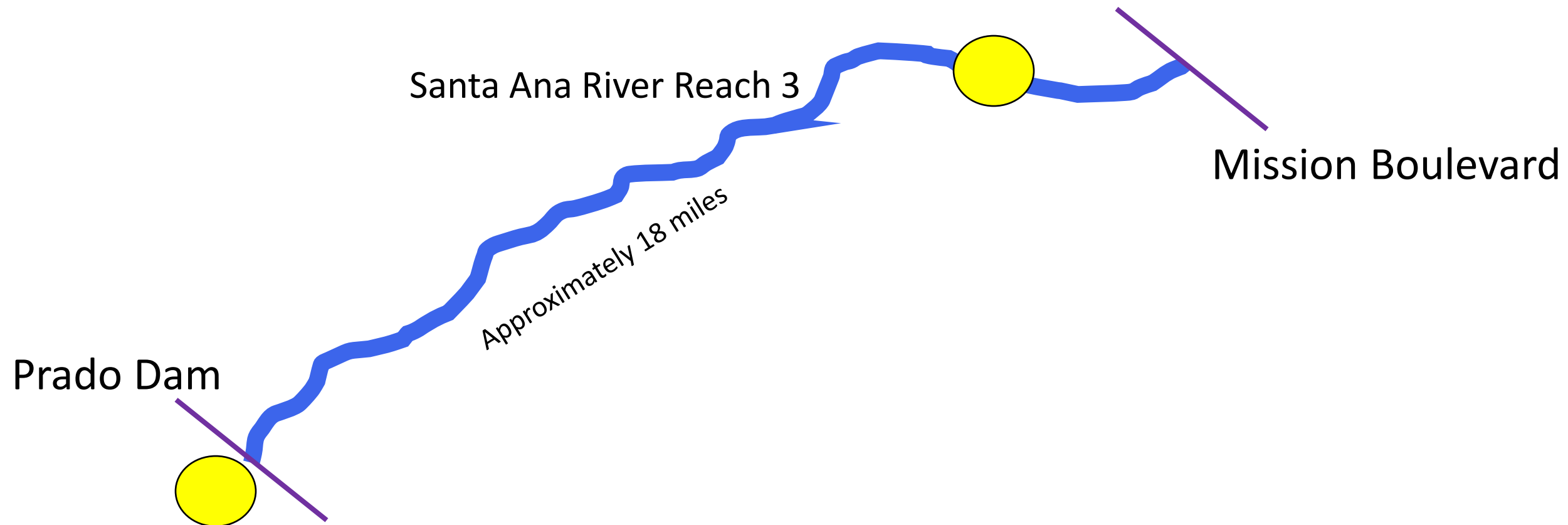
Santa Ana River Reaches




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Reach 3 – Prado Dam to Mission Boulevard in Riverside City.

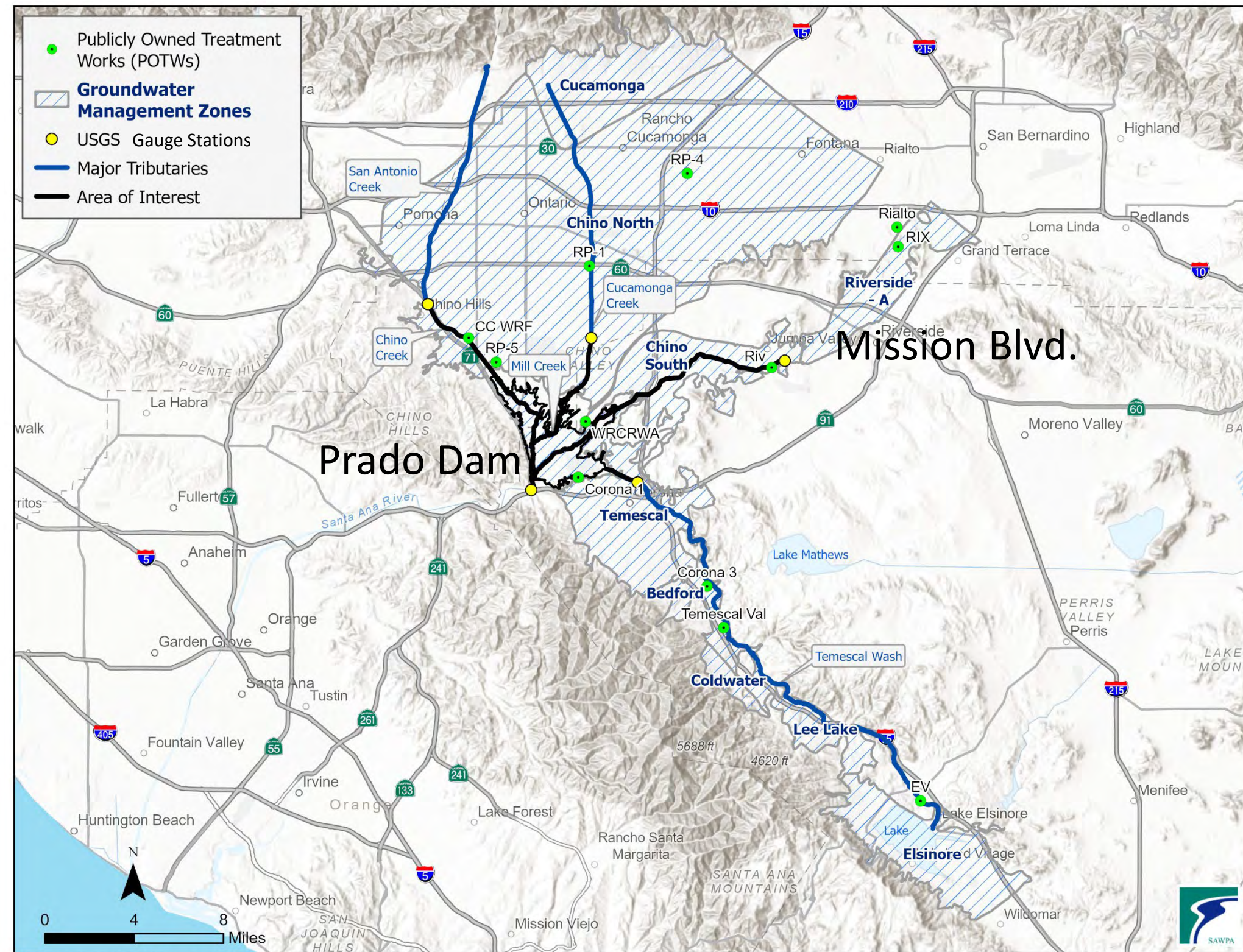
Reach 3 (Basin Plan Definition)



- Santa Ana River Reach 3 is described in the Basin Plan as “Prado Dam to Mission Boulevard in [the City of] Riverside.”
- There are several stream gauging stations (shown as ) in this area along the Santa Ana River.
- There are several tributaries that connect to Reach 3 (Temescal Wash, Chino Creek, and Cucamonga/Mill Creek).

Area of Interest for Special Study (Black Lines)

- Area of interest is bounded by areas with regularly collected streamflow data, making it easier to quantify TDS fluctuations.
- Area includes tributaries to Reach 3 (to their upstream extent that has a stream gauge station).
- The nearby and underlying groundwater management zones highlighted for information sharing purposes.



Monitoring Plan

- The goal of this effort is to produce a Monitoring Plan that identifies what metrics to monitor related to the following question - **why are there fluctuating TDS concentrations during baseflow conditions at the downstream terminus of the Santa Ana River Reach 3 AOI?**
 - The Monitoring Plan is necessary because TDS is fluctuating around the antidegradation objective of 700 mg/L for Reach 3.
- Monitoring plan will include **what** items should be monitored, and what their **costs are**.
- The Task Force will decide and direct content of final plan.

RFP Scoring and Evaluation

- Four firms submitted RFP proposals by the February 6, 2025, deadline.
 - CWE Corp.
 - Kinnetic Environmental, Inc
 - West Yost Associates
 - Water Systems Consulting (WSC)
- The Task Force's scoping committee, which is composed of various agencies that volunteer to vet RFPs and consultant proposals, scored the four firms using the RFP's selection criteria.
- After the initial scoring, the top two scoring firms were interviewed. After the interviews, the scoping committee re-scored the two firms interviewed.
 - The scoping committee recommended the top scoring firm, WSC, to the full Basin Monitoring Task Force.
 - The Task Force approved the recommendation.

RFP Criteria

1. Qualifications and Experience (Firm and Personnel)
2. Quality of the Proposed Scope
3. Price & Payment Terms
4. Exceptions Taken to RFP

Scoring Summary

- The scores of the four firms before the interviews are provided in the table below:

WSC	Firm A	Firm B	Firm C
163.45	114.73	128.36	163.82

- The scores of the top two firms after the interviews were as follows:

WSC	Firm C
127.7	124.2

The specific ratings of the other firms are kept confidential and coded as the three other firms in the tables.

Firm Profile: WSC

Project Experience Highlighted in their RFP Proposal:

- Ambient Water Quality Recomputation for the Santa Ana River Watershed
- Perris North Basin Groundwater Contamination Protection and Recovery Program (Perris North Program)
- Water Supply Studies for Jensen-Alvarado Historic Ranch & Louis Robidoux Parkland

Their proposal included a partnership with Dr. W. Richard Laton, Professor of Hydrogeology at CSU Fullerton and founder of Earth Forensics

About WSC

Type of Corporation:

S-Corporation

Date of Incorporation:

December 4, 2007

Location of Incorporation:

California

Size of Company:

66 employees

Local Offices:

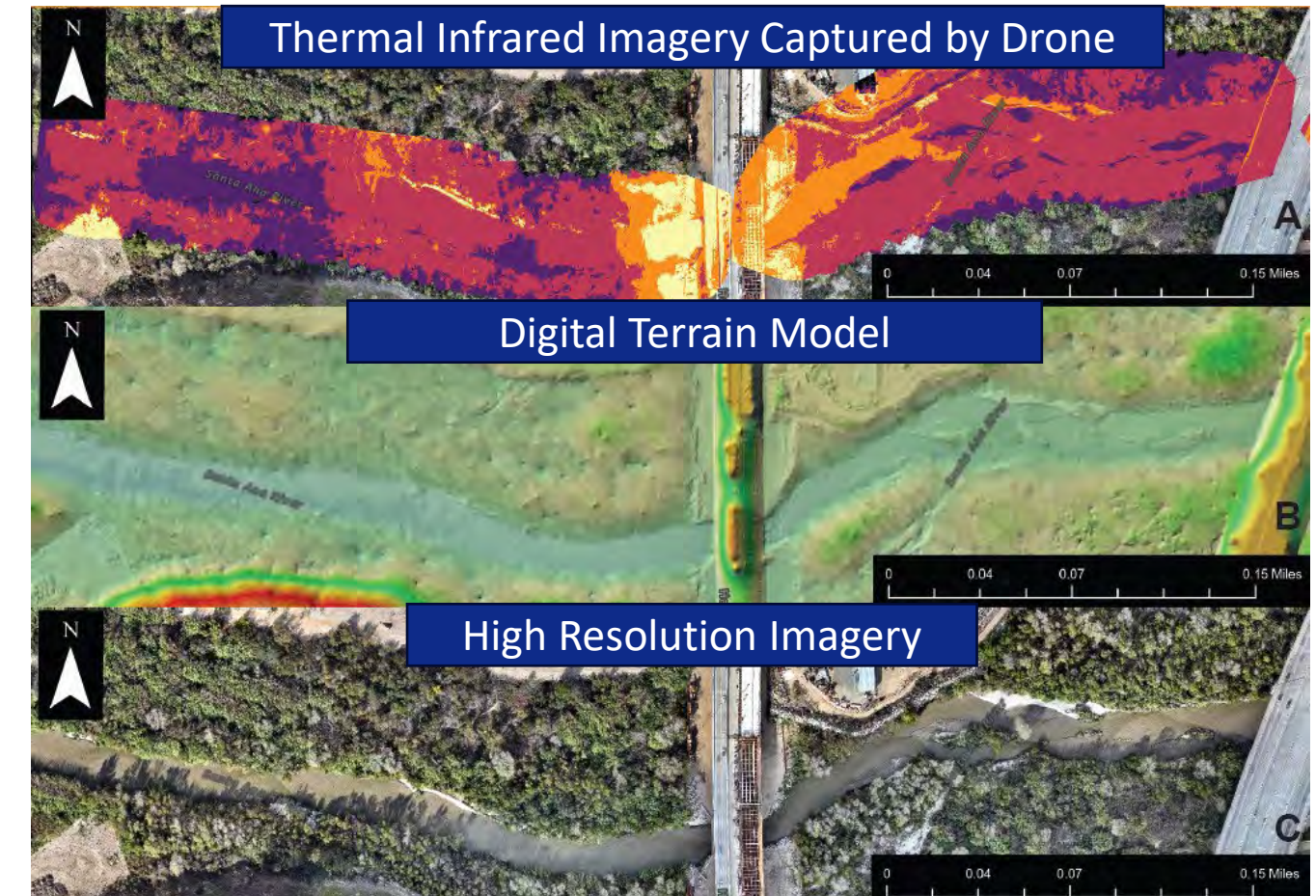
WSC Inland Empire in Ontario (20 miles from SAWPA)

WSC Laguna Hills (36 miles from SAWPA)

Proposal Highlight

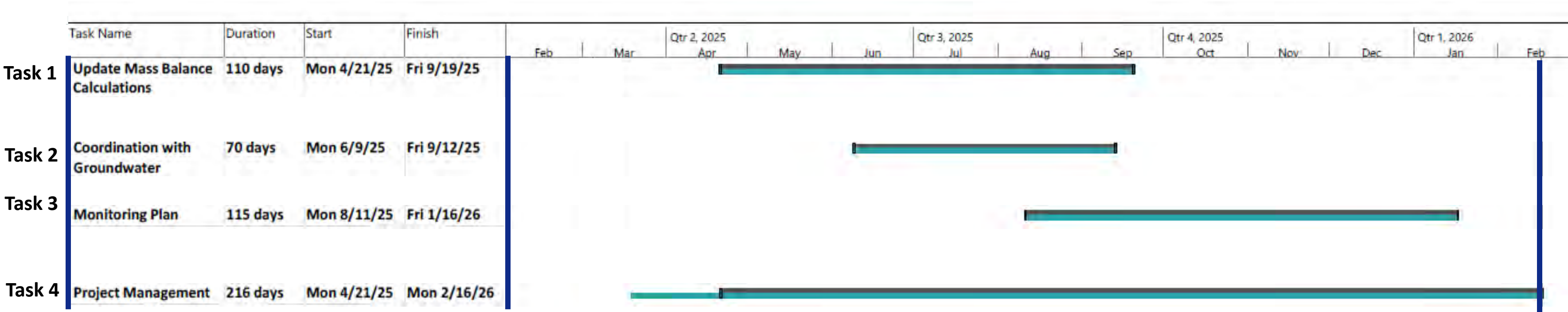
- The Team shared their research, which integrates **thermal infrared imagery with traditional hydrogeological field techniques***, focused on ground-surface water interactions along the Santa Ana River Reach 3.
 - This was of interest to the scoping committee for understanding what can be identified in the eventual Monitoring Plan.

*Traditional hydrogeological field techniques include groundwater level monitoring with piezometers and ambient water quality testing.



Three Data Layers for
Same Area of the Santa
Ana River Reach 3

WSC Schedule



Note: Per the RFP, “A new contract will be procured by the Task Force to implement the monitoring that is agreed upon by the Task Force via the finalization of the Monitoring Plan document.”

WSC Budget

Task No.	Task Description	WSC			Earth Forensics	ALL FIRMS
		WSC Labor Fee	Expenses	WSC Fee	Labor Fee	Total Fee
	<i>Billing rates, \$/hr</i>					
1	Update Mass-Balance Calculation for Baseflow Conditions					
1.1	Review Existing Data & Definitions	\$ 3,016	\$ -	\$ 3,016	\$ -	\$ 3,016
1.2	Data Collection and Validation	\$ 6,114	\$ -	\$ 6,114	\$ -	\$ 6,114
1.3	Mass-Balance Calculations	\$ 8,438	\$ -	\$ 8,438	\$ -	\$ 8,438
1.4	Technical Memorandum	\$ 22,982	\$ -	\$ 22,982	\$ -	\$ 22,982
	SUBTOTAL	\$ 40,550	\$ -	\$ 40,550	\$ -	\$ 40,550
2	Coordination with Groundwater Managers					
2.1	Existing Documents and Framework	\$ 7,290	\$ -	\$ 7,290	\$ -	\$ 7,290
2.2	Engage with Groundwater Managers	\$ 9,376	\$ -	\$ 9,376	\$ -	\$ 9,376
2.3	Memorandum	\$ 12,834	\$ -	\$ 12,834	\$ -	\$ 12,834
	SUBTOTAL	\$ 29,500	\$ -	\$ 29,500	\$ -	\$ 29,500
3	Monitoring Plan					
3.1	Review and Analysis of Existing Data	\$ 6,008	\$ -	\$ 6,008	\$ -	\$ 6,008
3.2	Development of Monitoring Plan	\$ 18,150	\$ -	\$ 18,150	\$ 3,450	\$ 21,600
3.3	Stakeholder Review and Finalization	\$ 9,276	\$ -	\$ 9,276	\$ 1,035	\$ 10,311
	SUBTOTAL	\$ 33,434	\$ -	\$ 33,434	\$ 4,485	\$ 37,919
4	Task Force Project Management					
4.1	Project Kick-Off and Initial Coordination	\$ 7,988	\$ 100	\$ 8,088	\$ 1,380	\$ 9,468
4.2	Monthly Coordination Meetings	\$ 12,720	\$ 200	\$ 12,920	\$ -	\$ 12,920
4.3	Stakeholder Engagement and Monitoring Coordination	\$ 6,484	\$ -	\$ 6,484	\$ 2,300	\$ 8,784
4.4	Ongoing Coordination with SAWPA, BMP Scoping Committee & Regulatory Strategy Consultant	\$ 9,626	\$ -	\$ 9,626	\$ 1,035	\$ 10,661
4.5	Administrative Actions	\$ 9,800	\$ -	\$ 9,800	\$ -	\$ 9,800
	SUBTOTAL	\$ 46,618	\$ 300	\$ 46,918	\$ 4,715	\$ 51,633
	COLUMN TOTALS	\$ 150,102	\$ 300	\$ 150,402	\$ 9,200	\$ 159,602

10% mark-up on direct expenses; 15% mark-up for sub-contracted services
Standard mileage rate \$0.700 per mile (or current Federal Mileage Reimbursement Rate)

Funding Source

- Funding is provided by annual contributions of the 20 Task Force members.

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Chino Basin Watermaster	Inland Empire Utilities Agency
City of Banning	Irvine Ranch Water District
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Eastern Municipal Water District	Yucaipa Valley Water District

Requested General Service Agreement Changes

- WSC has several requested changes to the SAWPA General Services Agreement. These changes are related to the:
 - Waiver of Subrogation
 - General Liability Policy, as well as SAWPA and Consultant Liabilities in general
 - Verification of Coverage
 - Miscellaneous provisions related to completing the work expeditiously
- SAWPA legal counsel reviewed.

Recommendation

It is recommended that the Commission authorize the General Manager, or his designee, to execute the following to implement the Monitoring Plan for the Santa Ana River Reach 3 Total Dissolved Solids Special Study:

1. General Services Agreement with Water Systems Consulting, Inc. (WSC); and
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Questions

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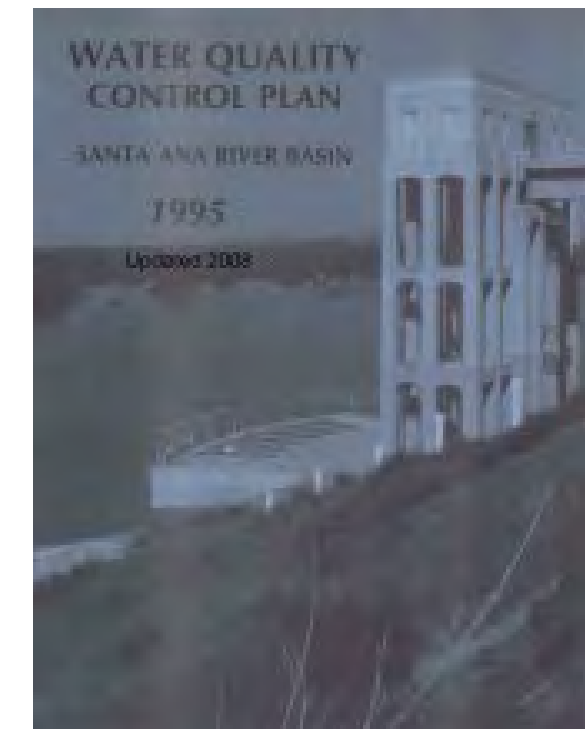




Backup Slides

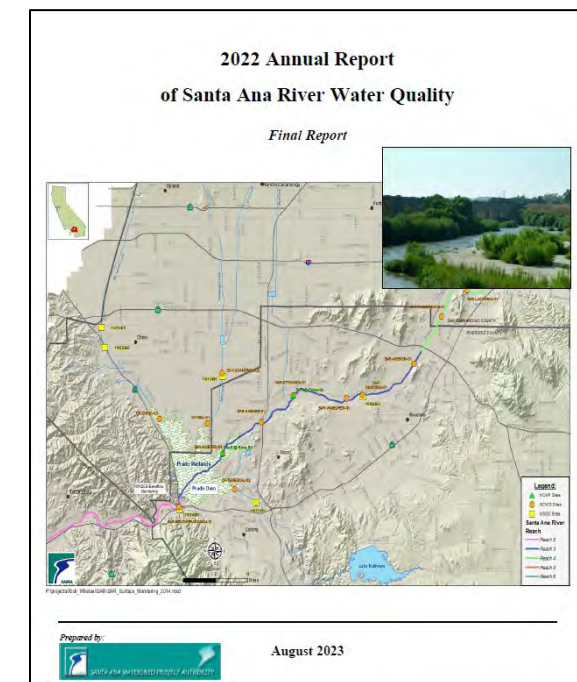
Key Definitions Related to Special Study

- Total Dissolved Solids (TDS) – Measured on a sample of water that has passed through a very fine filter to remove suspended solids.
 - The water passing through the filter is evaporated and the residue represents the dissolved solids.
- Basin Plan – The regulatory document that has water body descriptions and antidegradation objectives for water bodies.
 - Santa Ana River Reach 3 antidegradation objective for TDS is 700 mg/L.



Key Definitions (Continued)

- Annual Report of Santa Ana River Water Quality – Annual Task Force document that reports water quality data related to antidegradation objectives such as Santa Ana River Reach 3.
- “Base flow” – Surface water flows that don’t occur during or soon after precipitation events.
 - The current definition for Reach 3 baseflow is when the following occur – 1) it is August and September of each year and, 2) there are no precipitation events in the last four days.
 - A proposed definition was recently developed by the Task Force and includes several conditions such as the surface water elevation of the Prado Dam conservation pool, as well as a longer time period (April through October).



Key Definitions (Continued)

- Integrated Report – The federal Clean Water Act requires that California report on the quality of its surface waterbodies every two years.
 - The State Water Board leads this effort through its release of the Integrated Report and coordinates its work with the individual Regional Water Boards.
- Impaired Water List – A component of the Integrated Report.
 - Placing a waterbody on the Report's 303(d) impaired list initiates the prioritization of Total Maximum Daily Load ("TMDL") development, or another alternative restoration project, to restore and maintain water quality standards.

Regional Water Boards





SANTA ANA WATERSHED
PROJECT AUTHORITY

FYE 2026 and 2027 Draft Budget



Agenda

- Budget Highlights
- Budget Summary - Combined
- Budget Detail by Fund Type
- Assumptions Used
- Benefit and Indirect Cost Allocation Rate
- Member Agency Contributions



Budget Highlights

- **Grants Ending in FYE 2026**

- ✓ Fund 145 - Prop 84 Final Round Program Management
- ✓ Fund 504-04 - Prop 84 Final (SARCCUP)
- ✓ Fund 397 – WECAN City of Riverside
- ✓ Fund 398 – Drought Relief Grant – DACI

- **Grants Ending in FYE 2027**

- ✓ Fund 150 – Prop 1 Round 1 Program Management
- ✓ Fund 505 – Prop 1 Round 1 Watershed-Wide Water Budget Decision

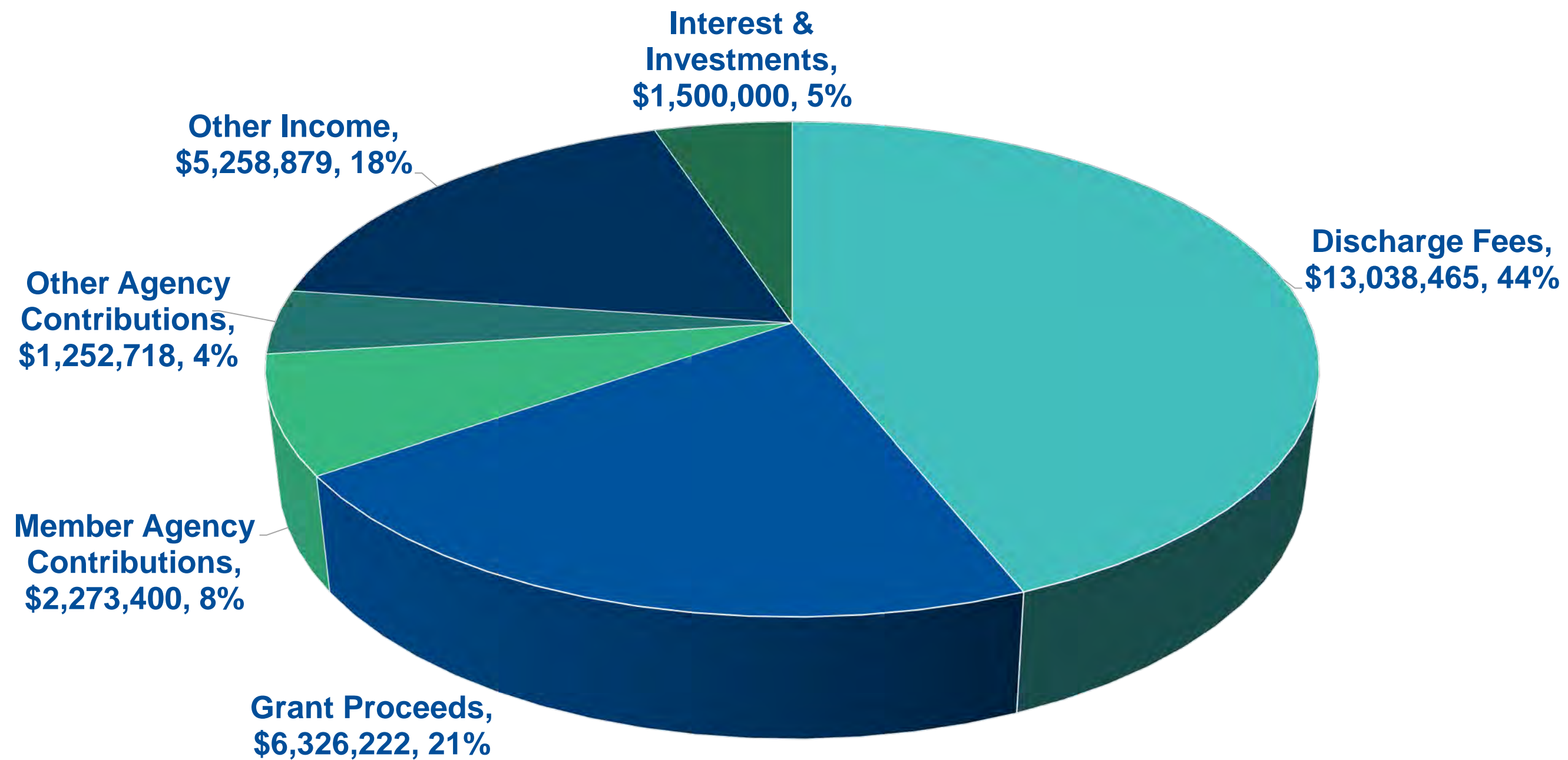
Support Tool

Budget Highlights

- **New Projects – Fund 376 - Integrated Climate Adaptation & Resilience Program (ICARP)**
- **Strategic Plan**
- **Implementation of Brine Line Master Plan**
- **Contract with Investment Management/Advisory firm**

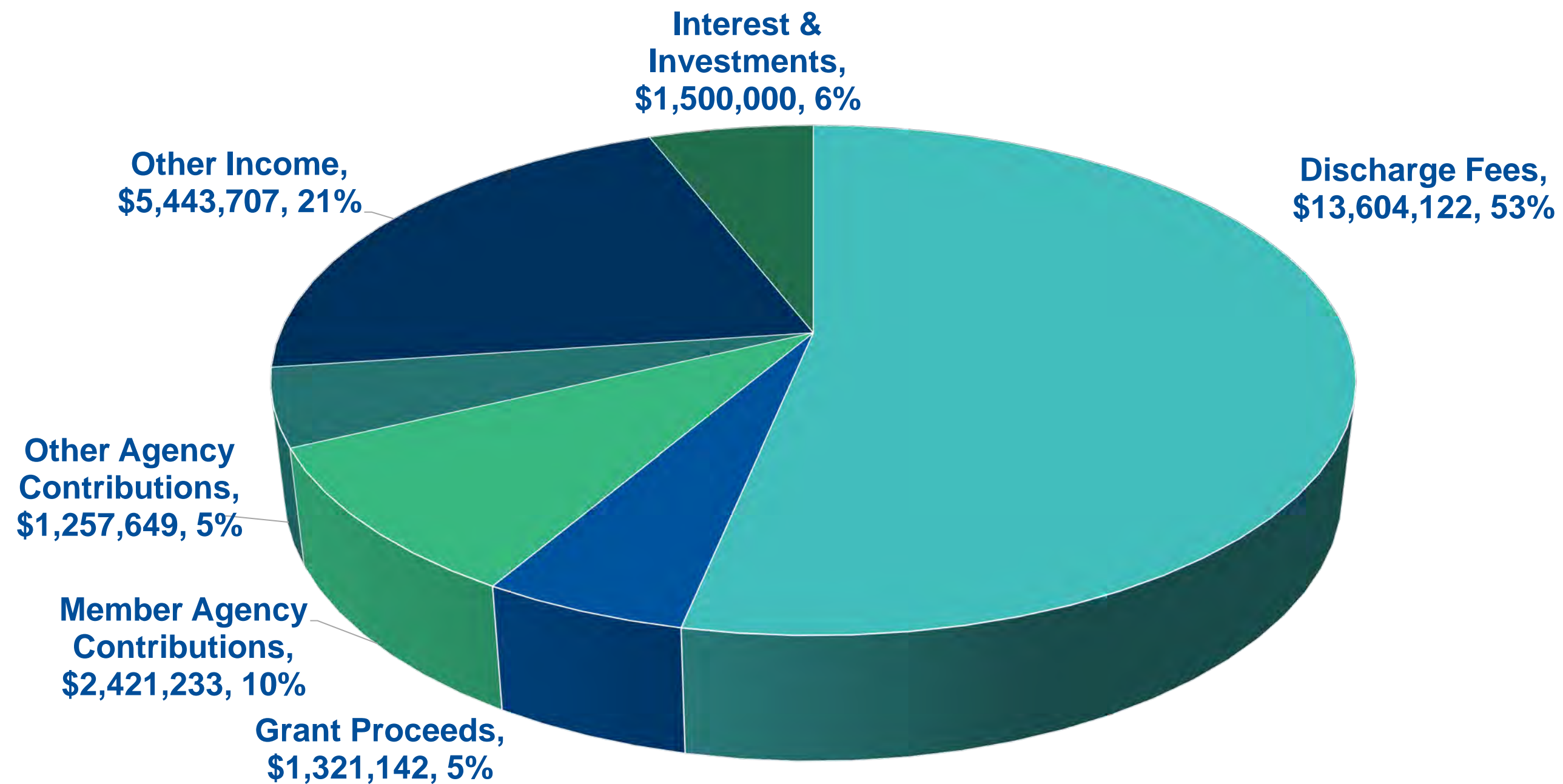
Combined Budget

FYE 2026 Revenues - \$29.6 Million



Combined Budget

FYE 2027 Revenues - \$25.5 Million

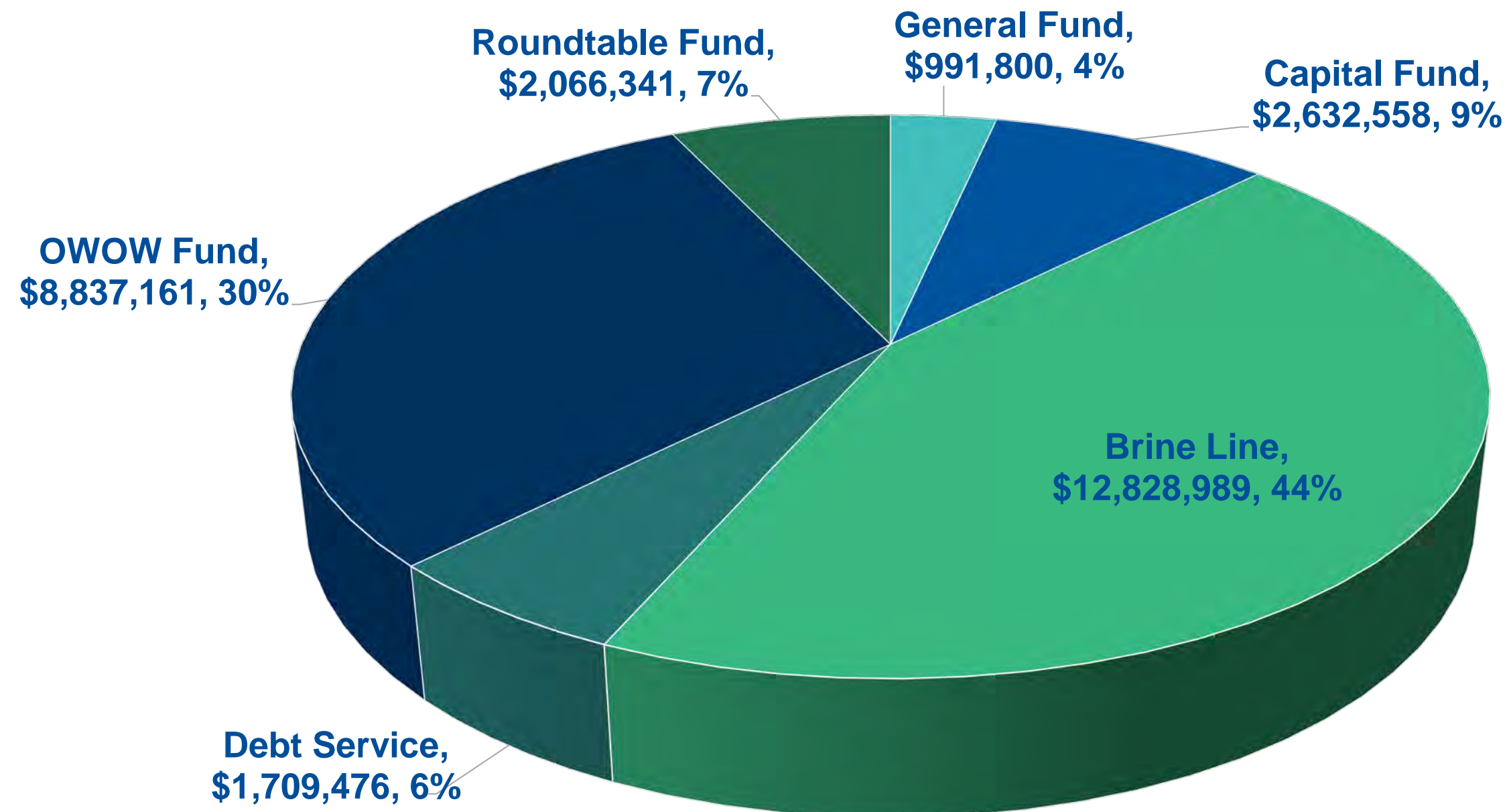


Revenues by Source

Revenue Type	FYE 2025	FYE 2026	% Diff	FYE 2027	% Diff
Discharge Fees	\$12,405,112	\$13,038,465	5.1%	\$13,604,122	4.3%
Grant Proceeds	2,359,785	6,326,222	168.1%	1,321,142	-79.1%
Member Agency Contributions	2,261,410	2,273,400	0.53%	2,421,233	6.5%
Other Agency Contributions	1,324,212	1,252,718	-5.40%	1,257,649	0.39%
Interest & Investments	673,000	1,500,000	122.9%	1,500,000	0.0%
Use of Reserves	1,870,013	2,632,558	40.8%	4,828,641	83.4%
Mitigation Credit Sales	889,800	2,014,560	126.4%	0	-100.0%
Other Income	188,285	192,111	2.03%	223,516	16.3%
Operating Transfers	120,320	419,650	248.77%	391,550	6.69%
Total	\$22,091,937	\$29,649,684	34.21%	\$25,547,854	13.83%

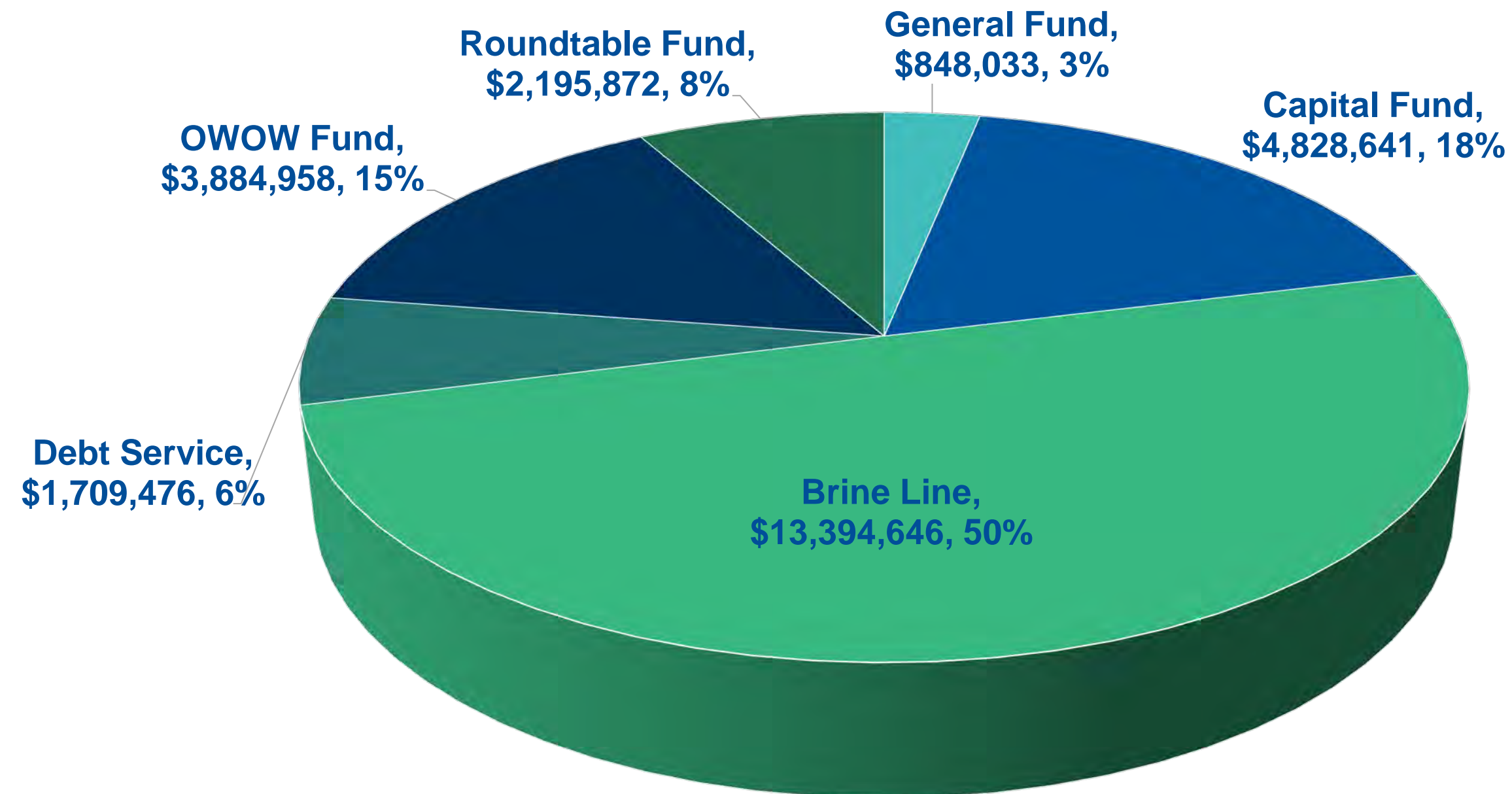
Combined Budget

FYE 2026 Expenses - \$29.1 Million



Combined Budget

FYE 2027 Expenses - \$26.9 Million



Expenses by Fund

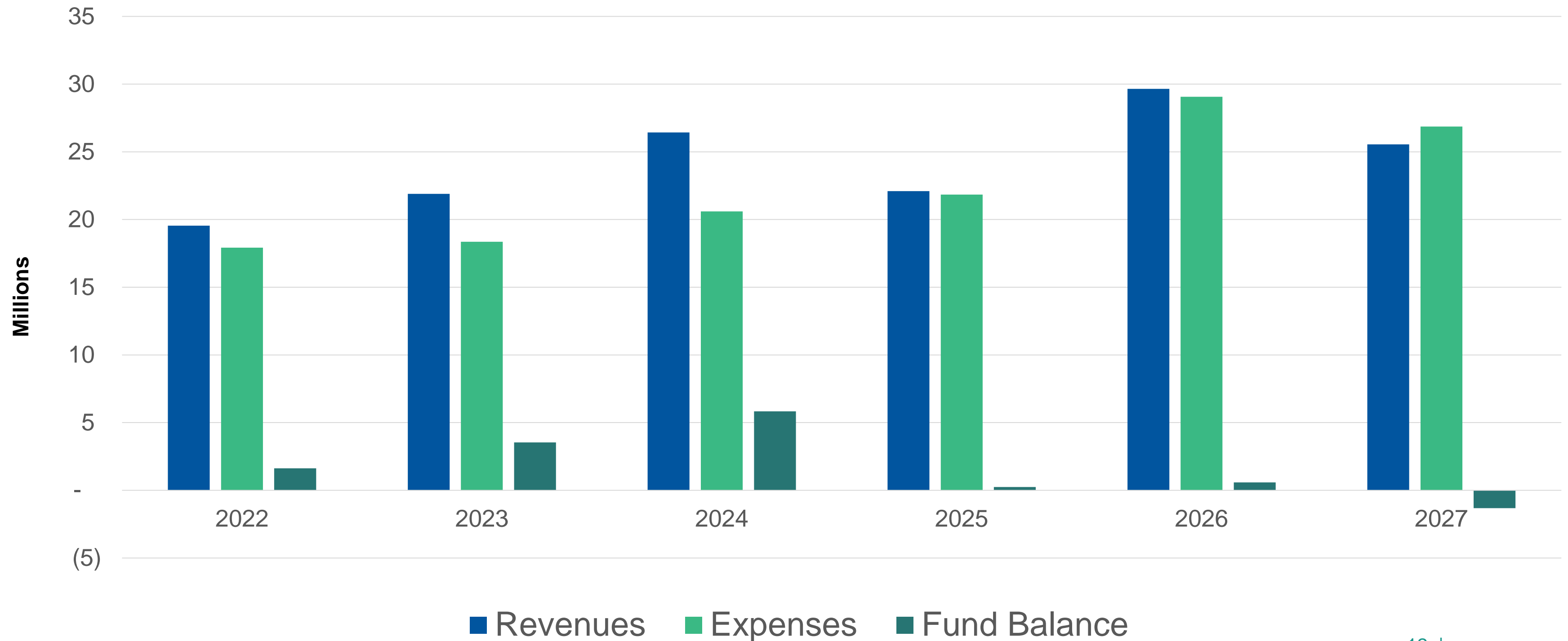
Fund Type	FYE 2025	FYE 2026	% Diff	FYE 2027	% Diff
General Fund	\$712,910	\$991,800	39.1%	\$848,033	14.5%
Brine Line Fund	13,078,112	14,538,465	11.2%	15,104,122	3.9%
OWOW Fund	4,229,319	8,837,161	108.9%	3,884,958	56.0%
Roundtable Fund	1,953,263	2,066,341	5.8%	2,195,872	6.3%
BL Capital Fund	1,870,013	2,632,558	40.8%	4,828,641	83.4%
Total	\$21,843,617	\$29,066,325	33.1%	\$26,861,626	7.6%

Historical Revenues & Expenses

	FYE	Revenues	Expenses	Fund Balance Contributions to/ (use of)
Actual	2022	\$19,541,979	\$17,918,492	\$1,623,487
	2023	21,895,635	18,354,743	3,540,892
	2024*	26,428,481	20,599,659	5,828,822
Budget	2025	22,091,937	21,843,617	248,320
	2026	29,649,684	29,066,325	583,359
	2027	25,547,854	26,861,626	(1,313,772)

*Includes one-time Capital Contribution for Agua Mansa Loan and cost share of \$2.2 million

Historical Revenues & Expenses



Brine Line Operations & Capital Budget



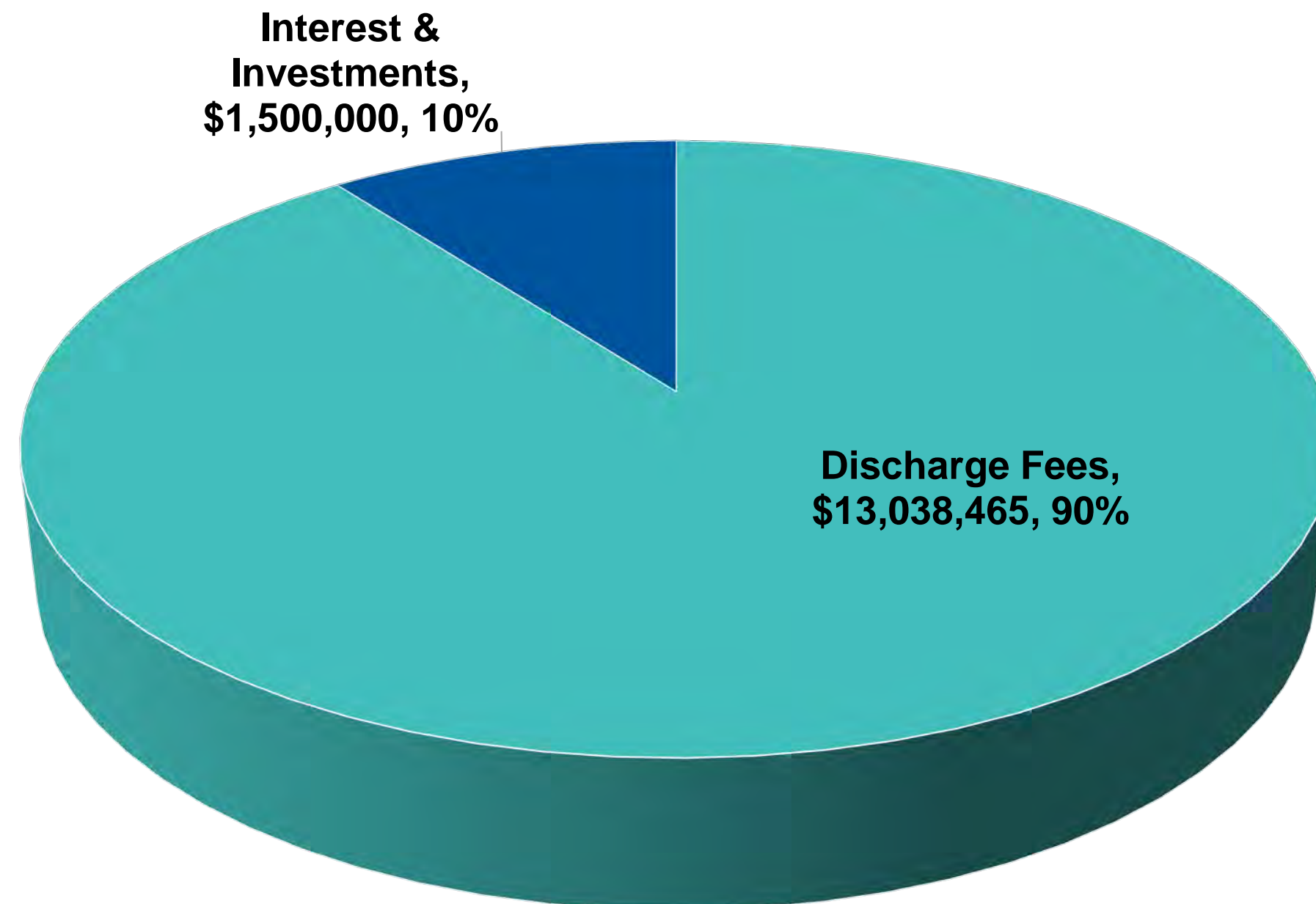
Brine Line Enterprise Revenues

Revenue	FYE 2025	FYE 2026	FYE 2027
Discharge Fees	\$12,405,112	\$13,038,465	\$13,604,122
Interest & Investments	673,000	1,500,000	1,500,000
Total	\$13,078,112	\$14,538,465	\$15,104,122

Flow (MGs) per year	4,161	4,380	4,490
BOD (1,000 lbs.)	1,050	1,050	1,100
TSS per (1,000 lbs.)	2,600	3,000	3,100
Truck Discharge (MGs) per year	30.6	32.0	35.2

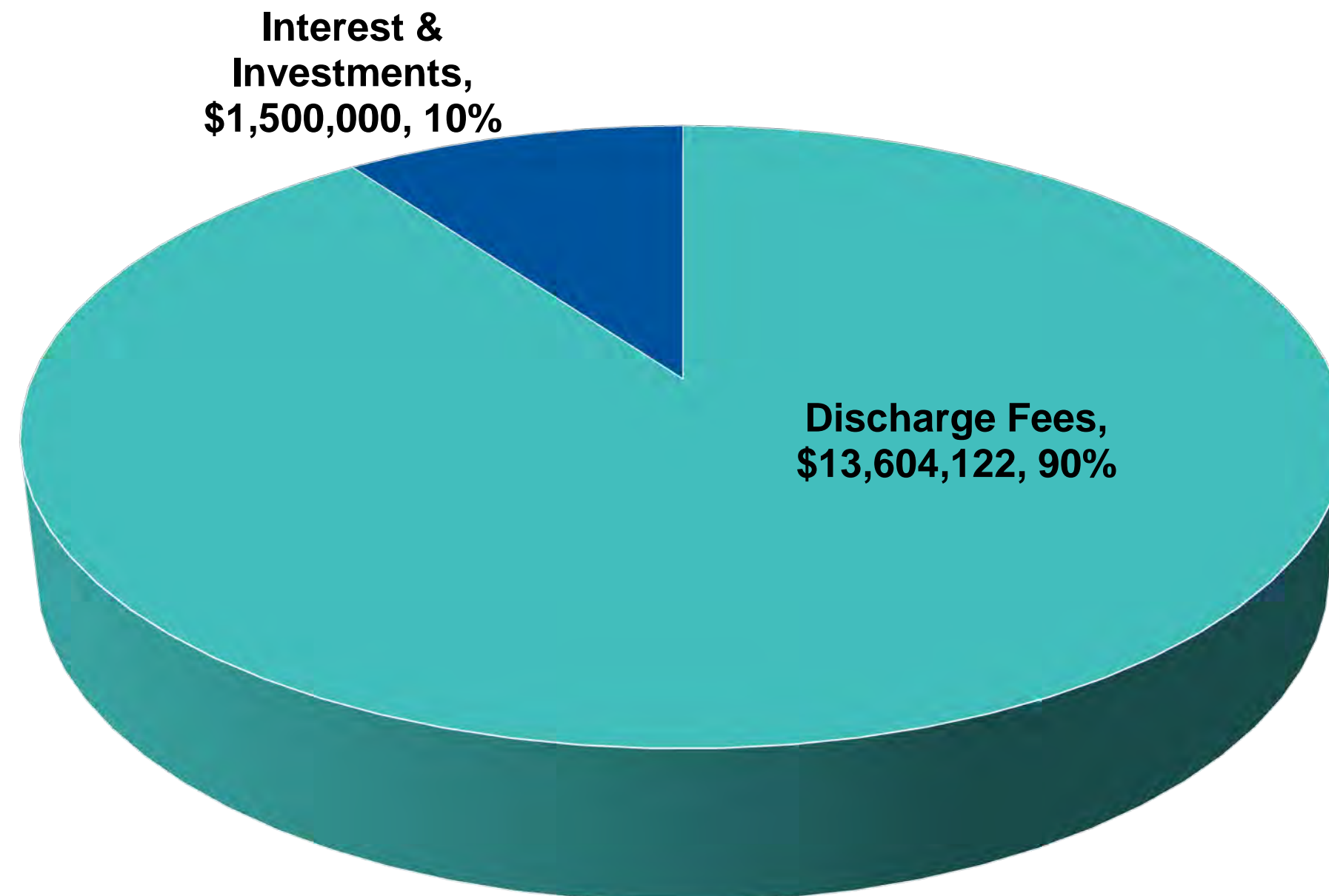
FYE 2026

Brine Line Revenues - \$14.5 Million



FYE 2027

Brine Line Revenues - \$15.1 Million

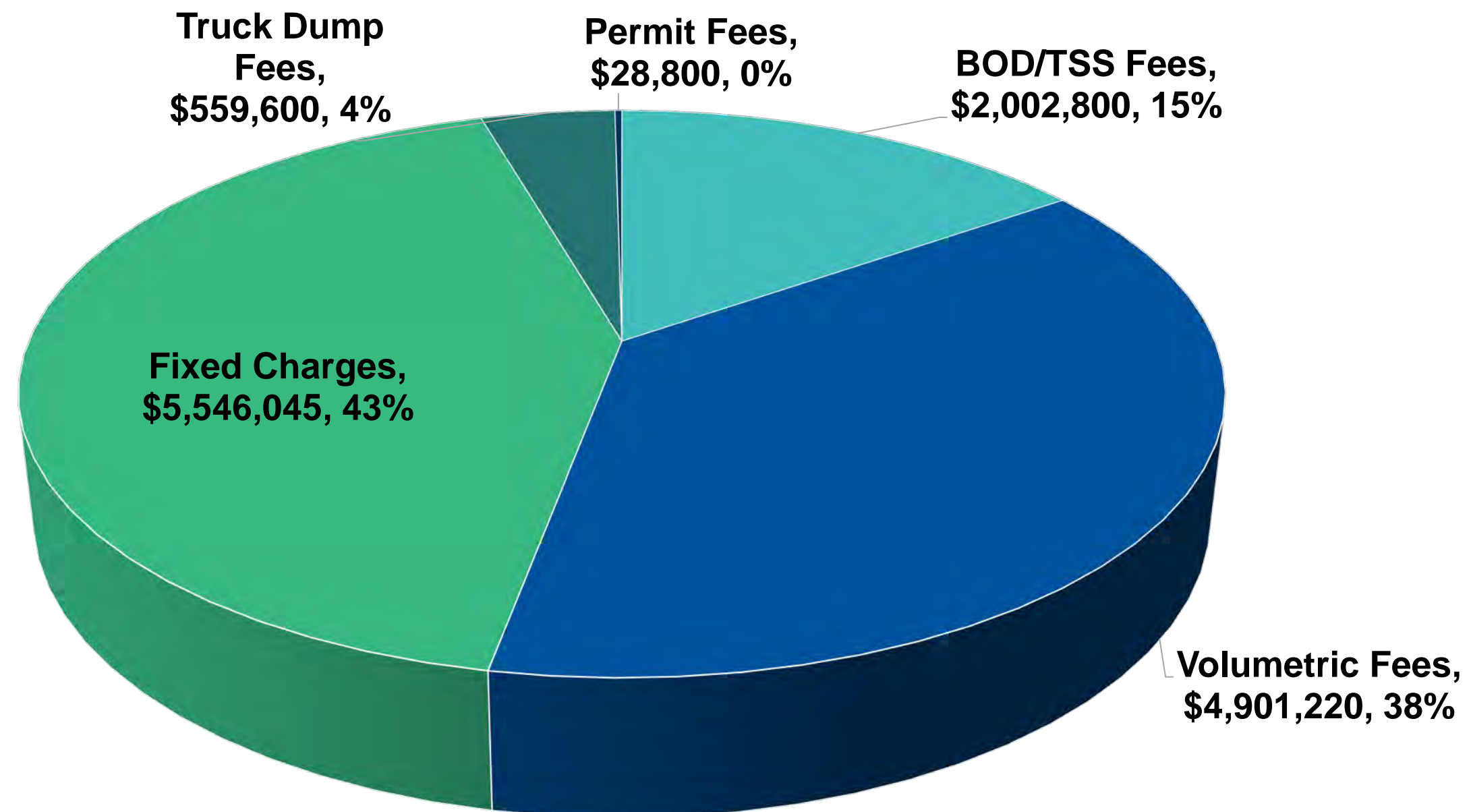


Discharge Fees

Revenue	FYE 2025	FYE 2026	% Diff	FYE 2027	% Diff
BOD/TSS Fees	\$1,900,850	\$2,002,800	5.4%	\$2,179,500	8.8%
Volumetric Fees	4,564,617	4,901,220	7.4%	5,123,090	4.5%
Fixed Charges	5,396,025	5,546,045	2.8%	5,657,172	2.0%
Truck Dump Fees	517,020	559,600	8.2%	615,560	10.0%
Permit Fees	26,600	28,800	8.3%	28,800	0.0%
Total	\$12,405,112	\$13,038,465	5.1%	\$13,604,122	4.3%

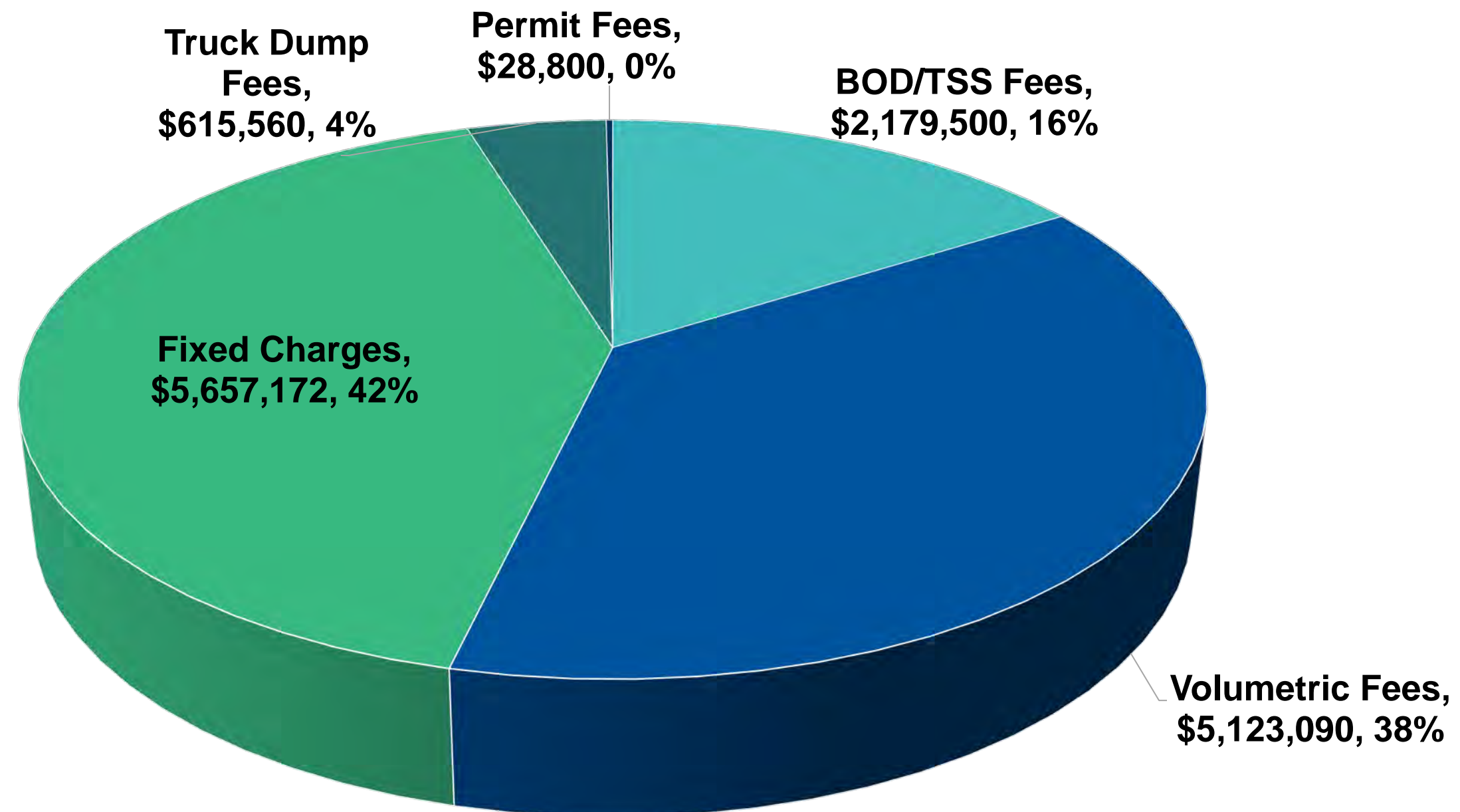
FYE 2026

Discharge Fees - \$13.0 Million



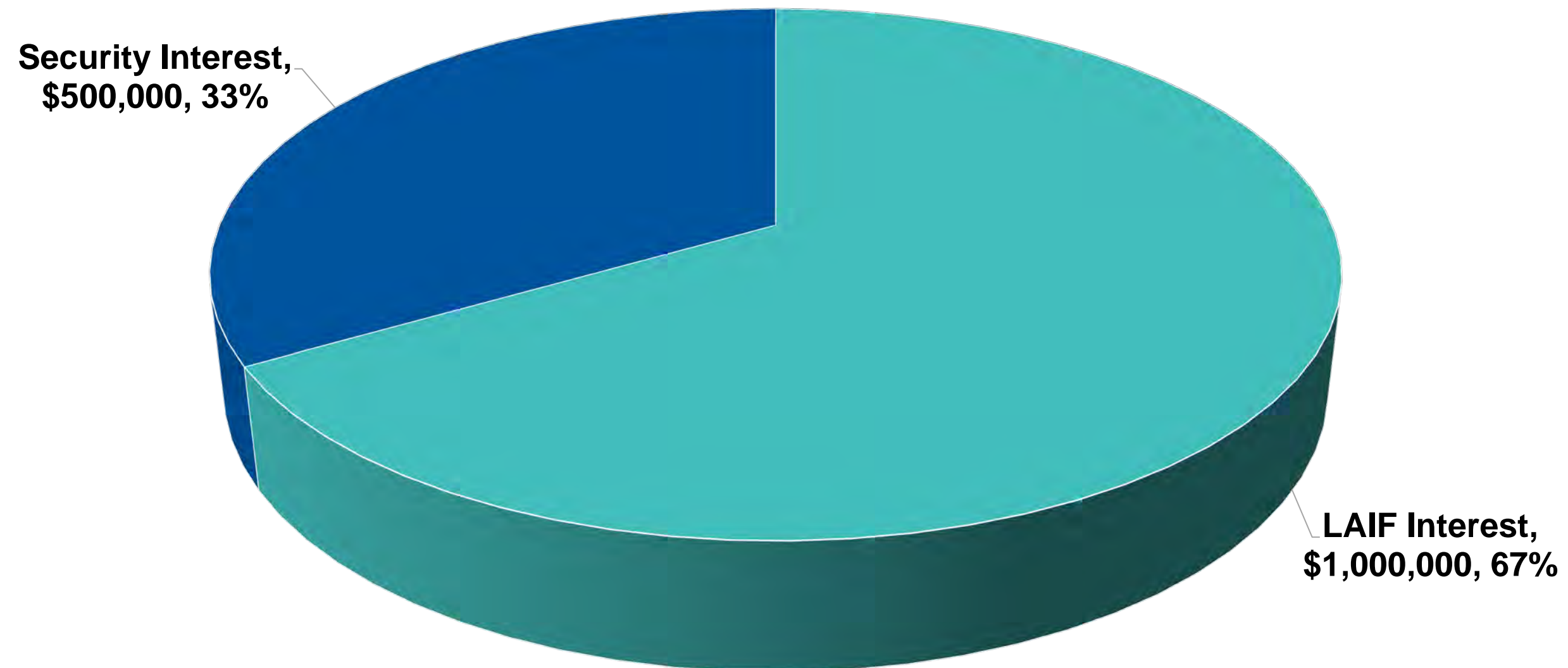
FYE 2027

Discharge Fees - \$13.6 Million



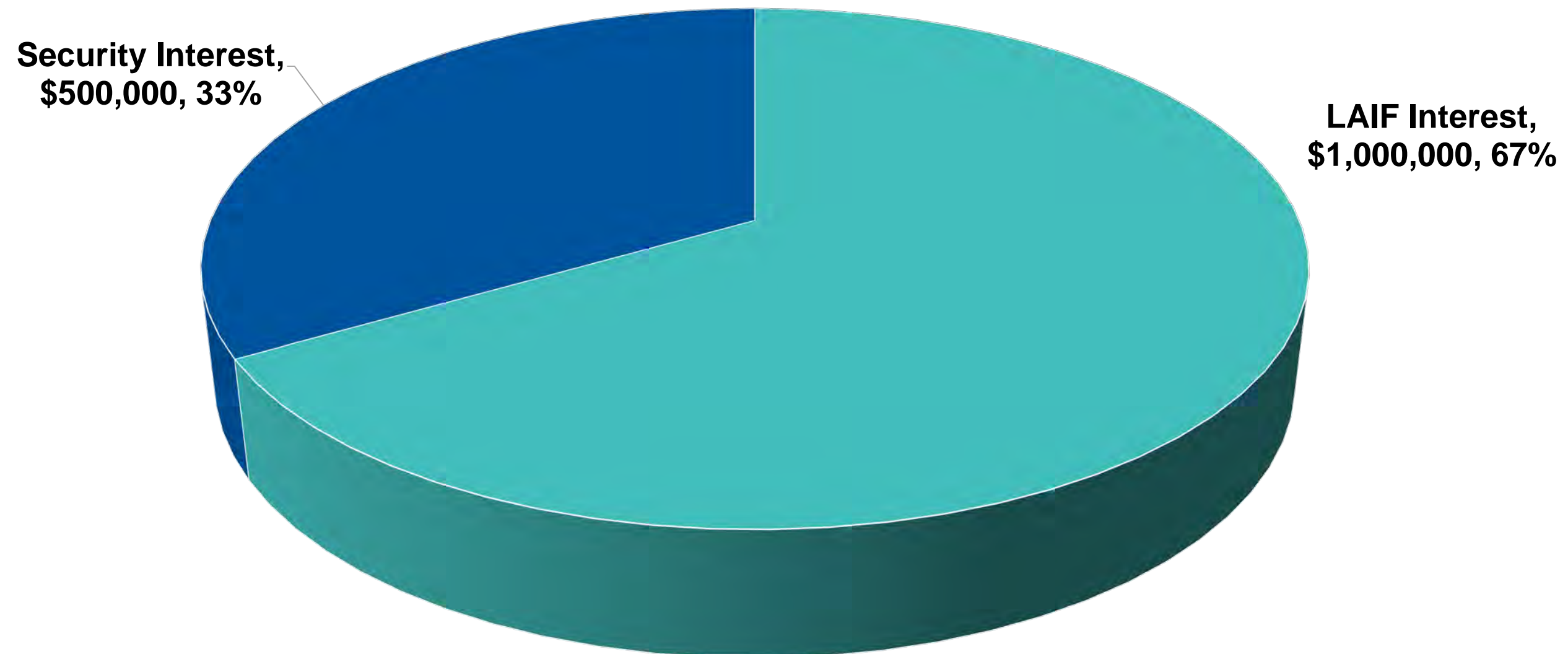
FYE 2026

Interest & Investments - \$1.5 Million



FYE 2027

Interest & Investments - \$1.5 Million

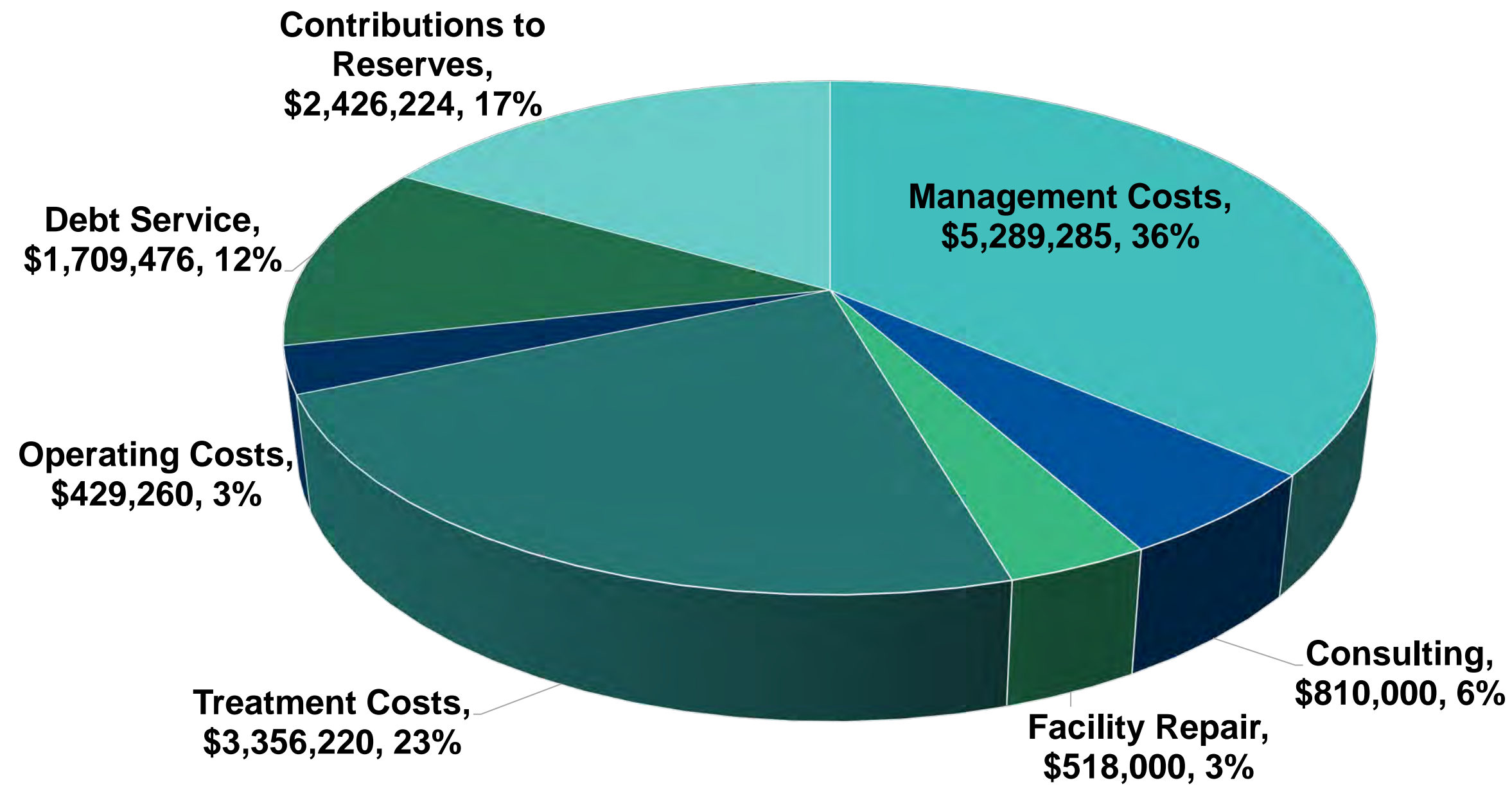


Brine Line Enterprise Expenses

Expense	FYE 2025	FYE 2026	FYE 2027
Management Costs	\$4,944,867	\$5,289,285	\$5,772,925
Consulting	772,500	810,000	815,750
Facility Repair	553,558	518,000	543,750
Treatment Costs	2,558,621	3,356,220	3,634,260
Operating Costs	483,318	429,260	445,573
Debt Service	1,709,476	1,709,476	1,709,476
Reserves	2,055,772	2,426,224	2,182,388
Total	\$13,078,112	\$14,538,465	\$15,104,122

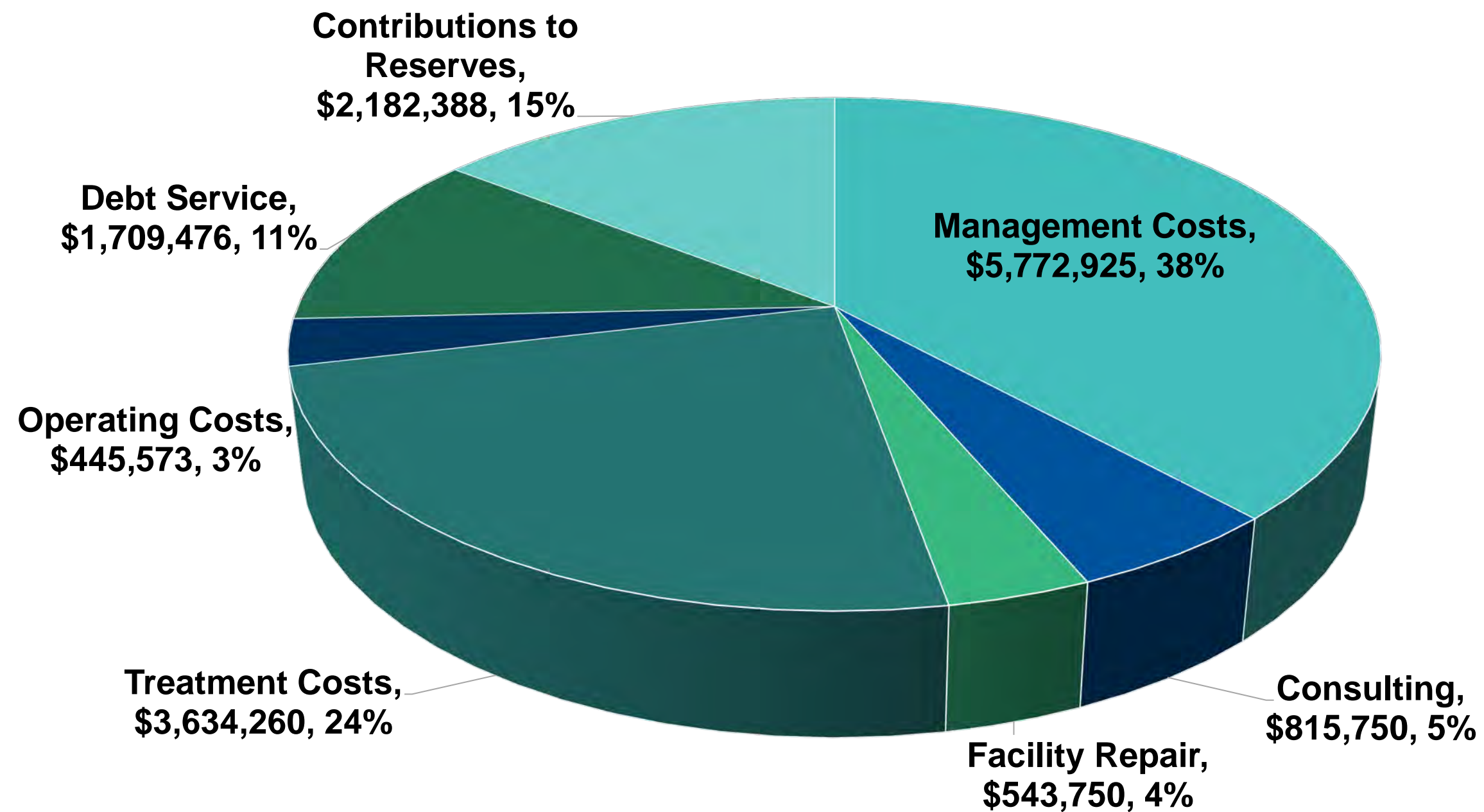
FYE 2026

Brine Line Expenses - \$14.5 Million



FYE 2027

Brine Line Expenses - \$15.1 Million



Consulting

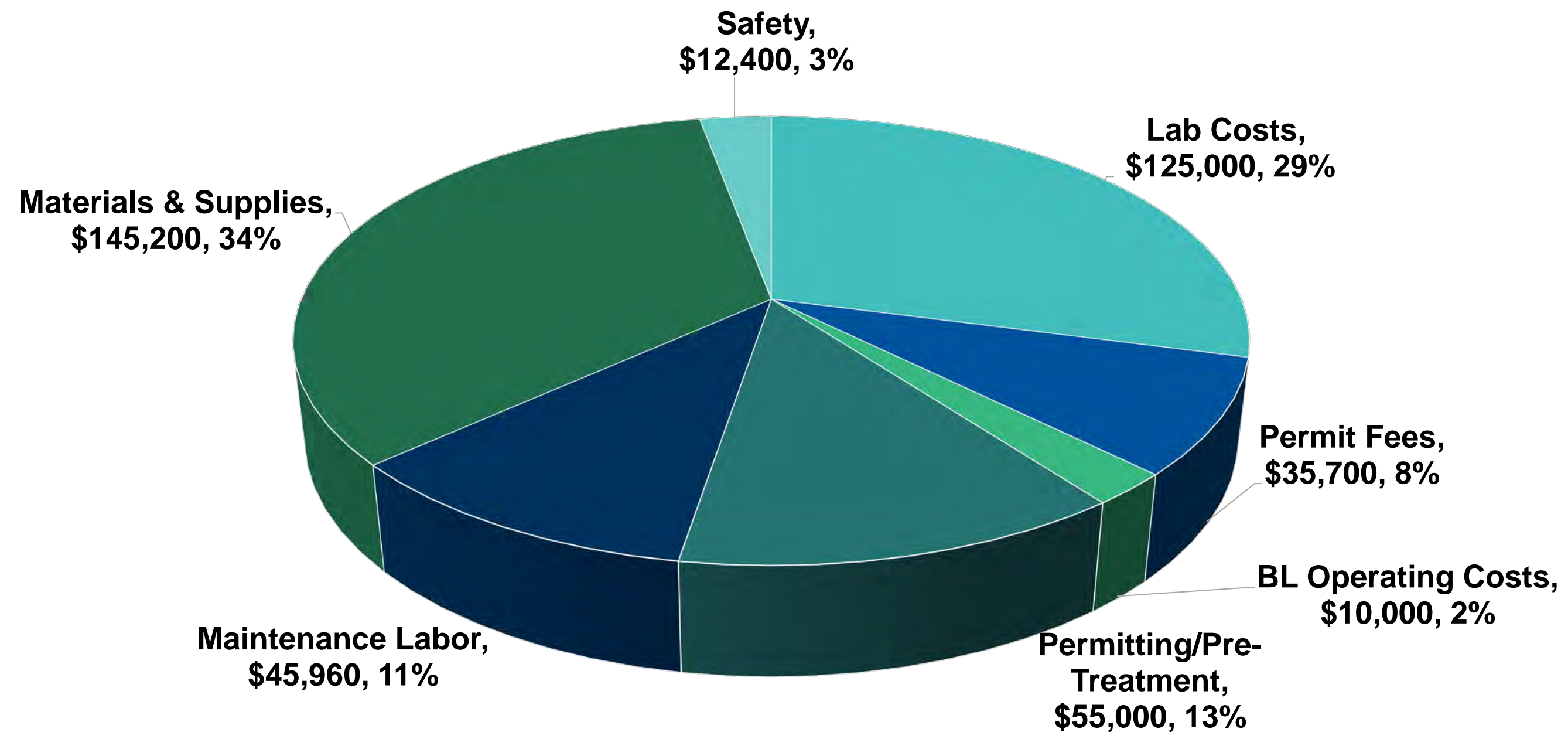
- **Hydraulic model support**
- **Engineering support (design repairs)**
- **Scale evaluation, solids control, sampling evaluation**
- **Right of way, surveyor support, as built drawings**
- **Field support (developer coordination, construction observation)**
- **Traffic control**
- **Topographic mapping/field survey**
- **Evaluation of impacts due to scouring and erosion**
- **SCADA system work plan**
- **Offline storage feasibility study**
- **Green hydrogen feasibility study**
- **Evaluate brine management technologies**
- **PFAS monitoring and evaluation**

Operating Costs

Expense	FYE 2025	FYE 2026	% Diff	FYE 2027	% Diff
Lab Costs	\$120,750	\$125,000	3.5%	\$130,750	4.6%
Permit Fees	59,000	35,700	-39.5%	37,475	5.0%
BL Operating Costs	10,000	10,000	0.0%	10,000	0.0%
Permitting/Pre-Treatment	82,550	55,000	-33.4%	56,000	1.8%
Maintenance Labor	51,940	45,960	-11.5%	46,758	1.7%
Materials & Supplies	148,810	145,200	-2.4%	151,570	4.4%
Safety	10,268	12,400	20.8%	13,020	5.0%
Total	\$483,318	\$429,260	-11.2%	\$445,573	3.8%

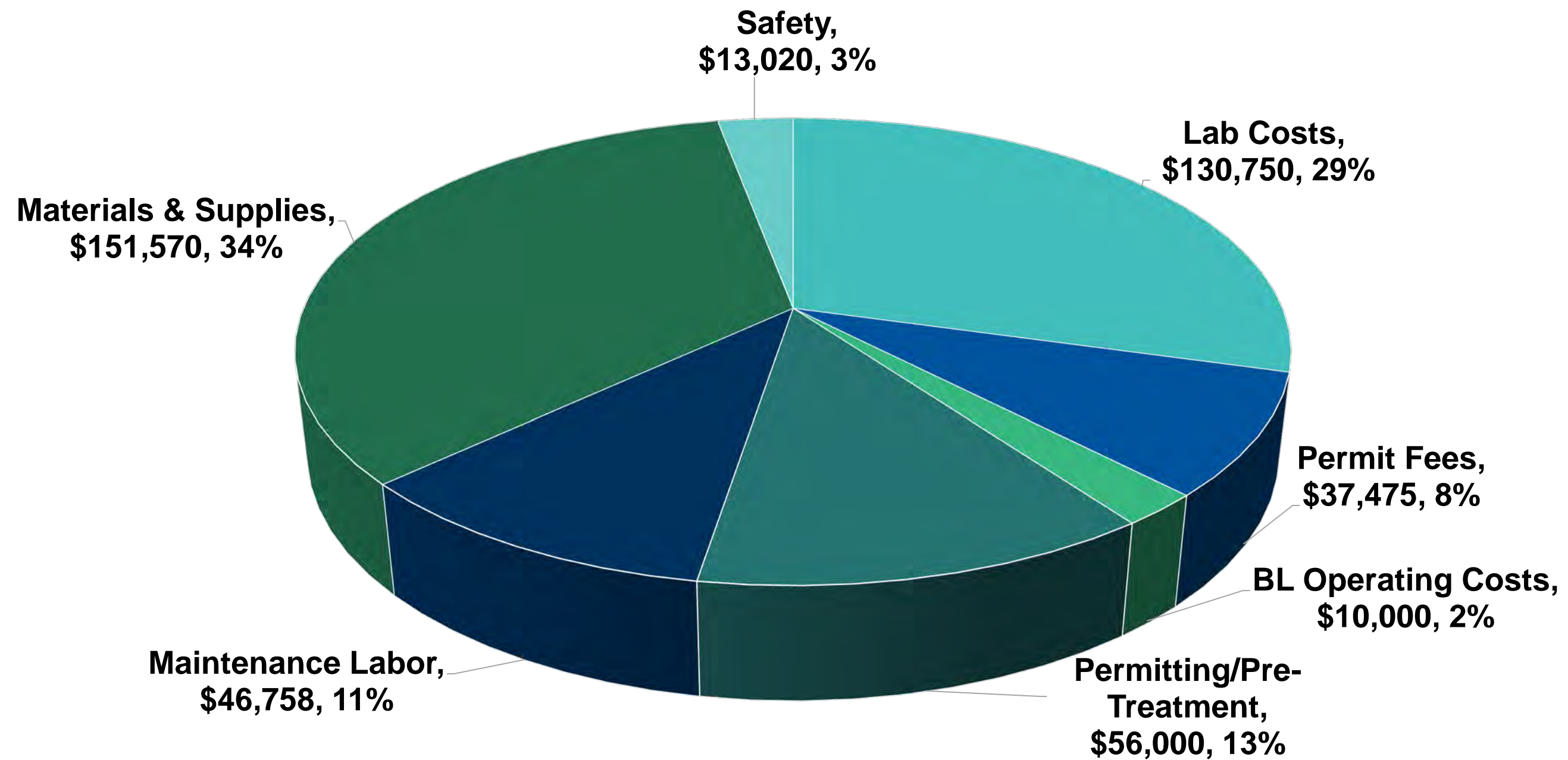
FYE 2026

Operating Costs - \$429,260



FYE 2027

Operating Costs - \$445,573

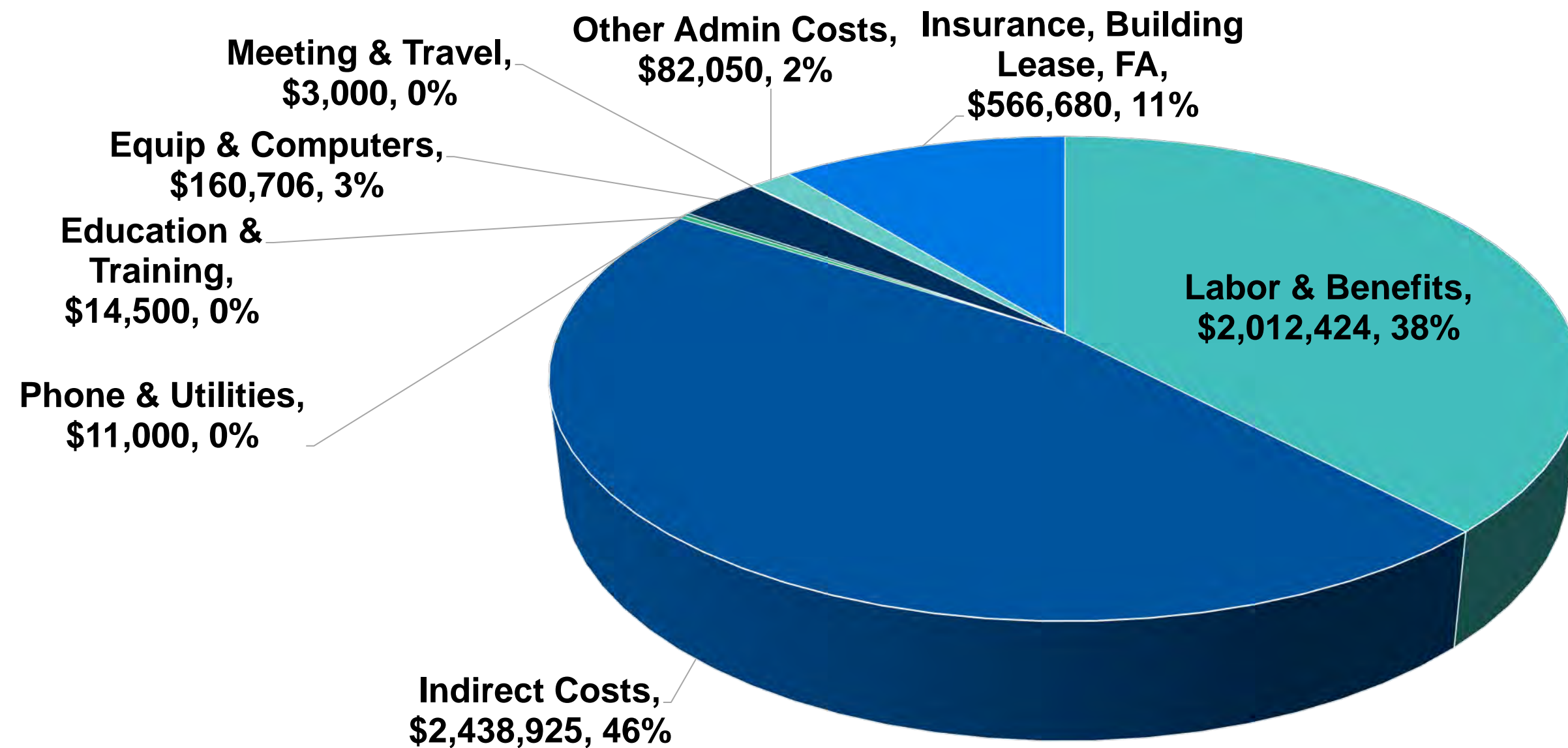


Management Costs

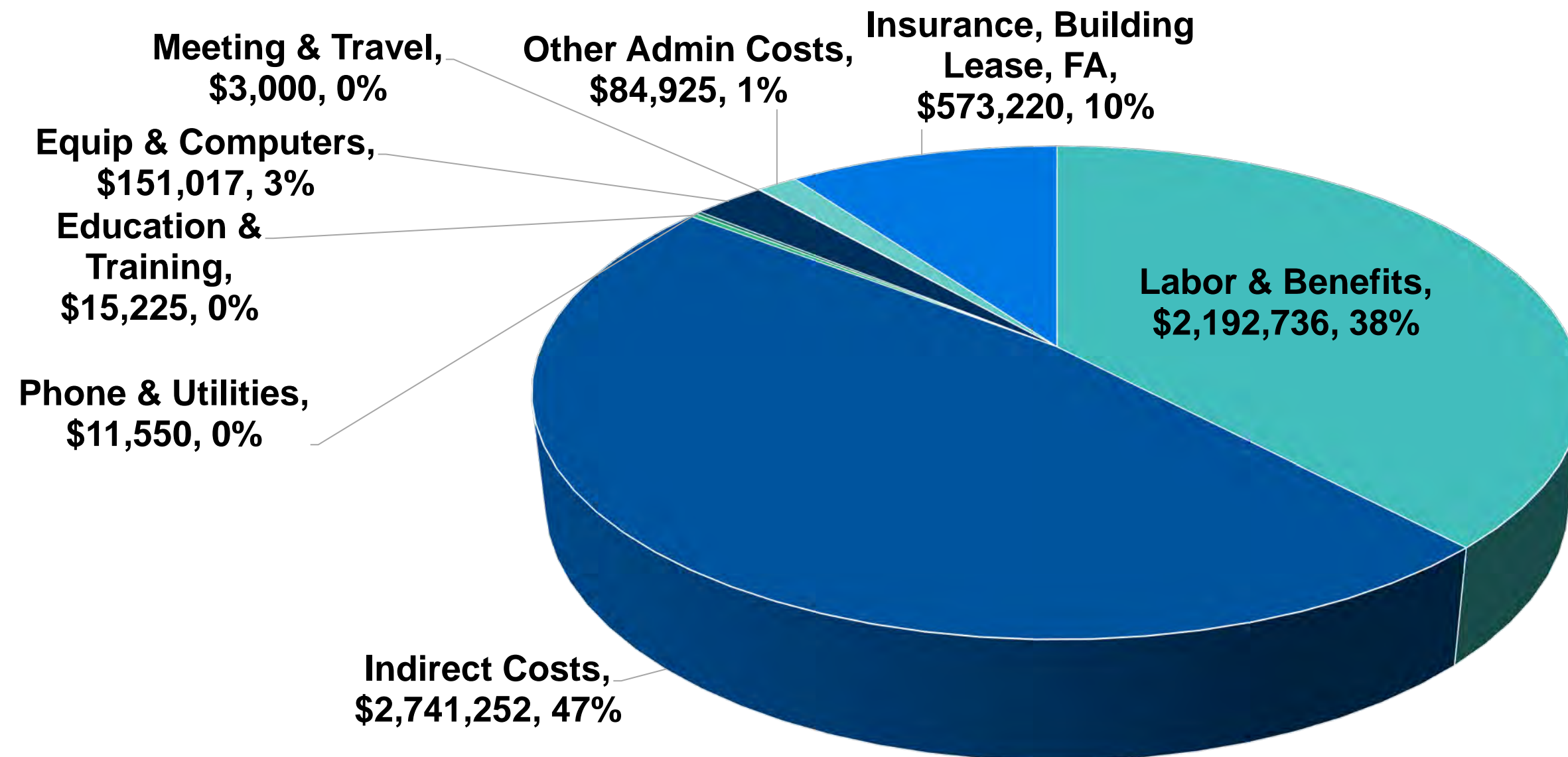
Expense	FYE 2025	FYE 2026	% Diff	FYE 2027	% Diff
Labor & Benefits	\$1,900,260	\$2,012,424	-5.9%	\$2,192,736	9.0%
Indirect Costs	2,278,716	2,438,925	7.0%	2,741,252	12.4%
Education & Training	15,225	14,500	-4.8%	15,225	5.0%
Phone & Utilities	13,200	11,000	-16.7%	11,550	5.0%
Equip & Computers	204,167	160,706	-21.3%	151,017	-6.0%
Meeting & Travel	7,700	3,000	-61.0%	3,000	0.0%
Other Admin Costs	98,988	82,050	-17.1%	84,925	3.5%
Insurance, Building Lease, FA	426,597	566,680	32.8%	573,220	1.2%
Total	\$4,944,853	\$5,289,285	7.0%	\$5,772,925	9.1%

FYE 2026

Management Costs - \$5.3 Million



Management Costs - \$5.8 Million



Fixed Asset Purchases

Asset	FYE 2026	FYE 2027
Brine Line Drone	\$15,000	\$0
Ford F-250 Truck (2 in 2026 \$90k each)	180,000	65,000
500 Gallon Water Trailer	12,000	0
Ford Transit (replace sampling vehicle)	0	80,000
Ford Maverick (replace Ford Escape)	0	40,000
Air Compressor	0	12,000
Total	\$207,000	\$197,000

Debt Service Payments

Debt	FYE 2025	FYE 2026	FYE 2027
Reach IV-A & B Capital Repair	\$1,044,273	\$1,044,273	\$1,044,273
Reach V Capital Repair	665,203	665,203	665,203
Total Debt Service Payments	\$1,709,476	\$1,709,476	\$1,709,476

Debt Service Funding

Debt	Interest Rate	Final Payment	Funding Source
Reach IV-A & B Capital Repair	2.6%	12/29/2032	Rates
Reach V Capital Repair	1.9%	03/31/2048	Rates

Reserve Levels

Reserve	02/28/2025 Ending Balance	Minimum	Target	Over or Under Target	Amount Over or (Under) Target
R-01 Brine Line Operating	\$2,337,938	\$2,291,108	\$2,291,108	Over	\$46,830
R-02 Debt Retirement	3,077,423	1,709,476	1,709,476	Over	1,367,947
R-04 Pipeline Capacity Management	13,087,674	3,894,181	9,735,454	Over	3,352,220
R-05 OC San Future Treatment and Disposal Capacity	6,489,662*	1,842,396	1,842,396	Over	4,647,266
R-06 OC San Pipeline Rehabilitation	3,102,321	2,425,147	7,250,000	Under	(4,147,679)
R-07 Pipeline Replacement and Capital Investment	37,634,865	18,884,000	46,364,000	Under	(8,729,135)
*\$4,485,897 from YVWD treatment capacity purchase	\$65,729,883	\$31,046,308	\$69,192,434		(\$3,462,551)

Reserve Contributions

Reserve	FYE 2025	FYE 2026	FYE 2027
Pipeline Replacement and Capital Investment	\$1,900,000	\$2,000,000	\$2,000,000
OC San Pipeline Rehabilitation	155,772	426,224	182,388
Total Contribution to Reserves	\$2,055,772	\$2,426,224	\$2,182,388

Reserve Balances (EOY)

#	Reserve	FYE 2026	FYE 2027
R-02	Debt Retirement	\$3,077,423	\$3,077,423
R-04	Pipeline Capacity Management	13,087,674	13,087,674
R-01	Brine Line Operating	2,337,938	2,337,938
R-07	Pipeline Replacement and Capital Investment	36,400,187	35,071,546
R-06	OC San Pipeline Rehabilitation	3,494,705	3,677,093
R-05	OC San Future Treatment and Disposal Capacity	6,489,662	6,489,662
Total Reserves		\$64,887,589	\$63,741,336

Proposed Brine Line Rates

Component	FYE 2025	FYE 2026	% Change	FYE 2027	% Change
Flow (per MG)	\$1,097	\$1,119	2%	\$1,141	2%
BOD (per 1,000 lbs.)*	396	416	5%	437	5%
TSS (per 1,000 lbs.)*	497	522	5%	548	5%
Fixed Pipeline**	6,654	6,787	2%	6,923	2%
Fixed Treatment**	13,505	13,775	2%	14,051	2%

* Set by OC San annually

**Fixed rates have not increased since 2021

Capital Projects



Fund 320 - Brine Line Protection



**Fund 327 - Reach IV-D Corrosion
Repair**

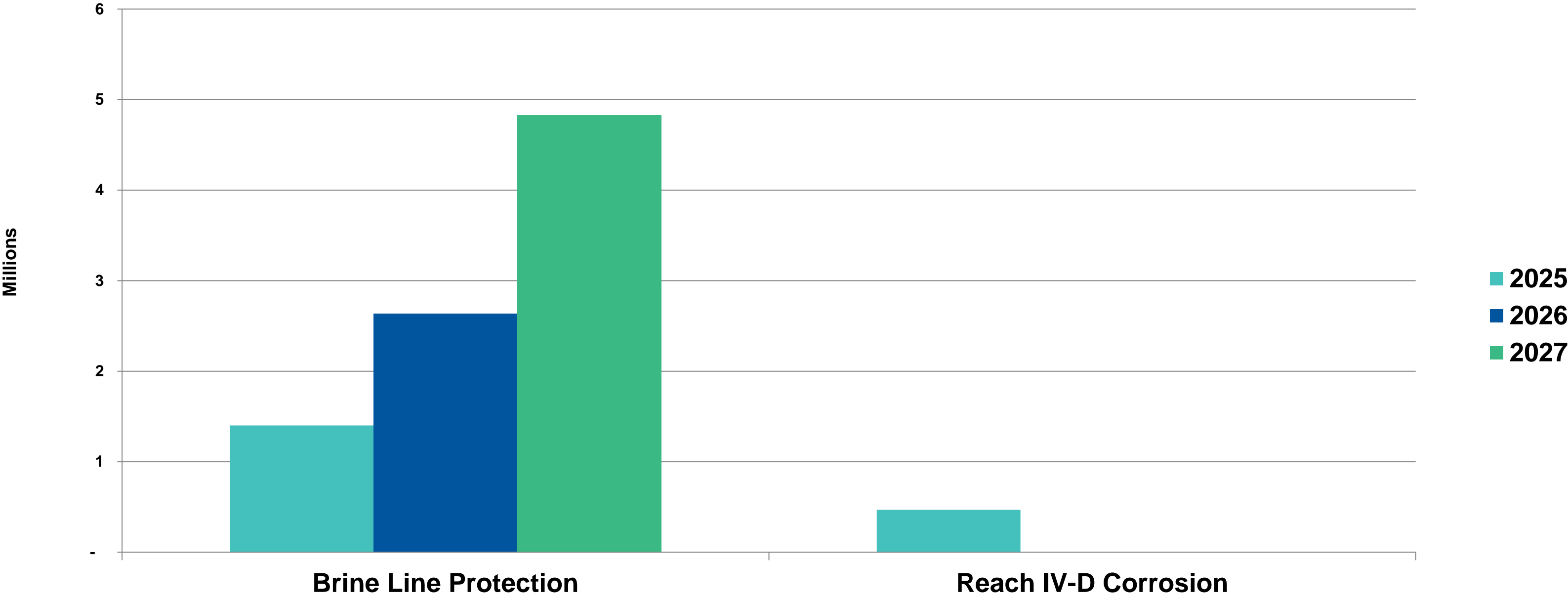
Capital Projects

- **FYE 2026**
 - ✓ Capital repairs of pipeline (as needed)
 - ✓ Reach IV-A Upper – Pine Avenue Siphon/relocation
 - ✓ Alcoa Dike Protection/Relocation
 - ✓ MAS Modifications Prado Reservoir
 - ✓ Reach IV-B – Additional MAS Structures (DIP pipeline)
 - ✓ Reach V – Relocate Air Vacs (Temescal Canyon Road widening)
 - ✓ SCADA system

Capital Projects

- **FYE 2027**
 - ✓ Capital repairs of pipeline (as needed)
 - ✓ SCADA system
 - ✓ Reach IV-E Add Siphon Mainline Valve
 - ✓ Reach IV-E Condition Assessment
 - ✓ Reach IV-B Condition Assessment
 - ✓ Reach IV-D Relocation (Euclid Bridge Project)

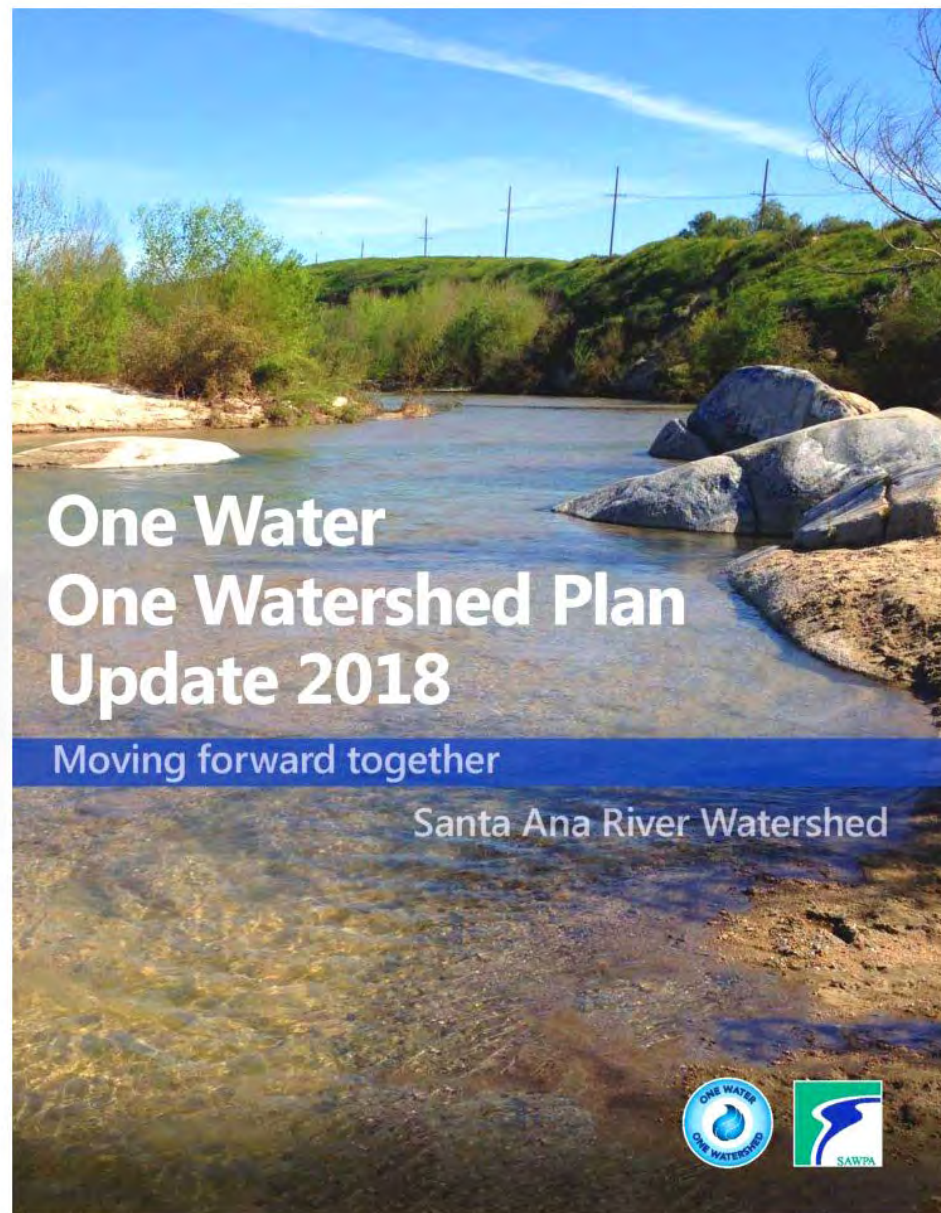
Capital Improvement Projects



Capital Project Funding – Use of Pipeline Replacement and Capital Investment Reserves (R-07)

Project	FYE 2025	FYE 2026	FYE 2027
Brine Line Protection	\$1,400,590	\$2,632,558	\$4,828,641
Reach IV-D Corrosion Repairs	469,423	0	0
Total	\$1,870,013	\$2,632,558	\$4,828,641

OWOW Fund Budget

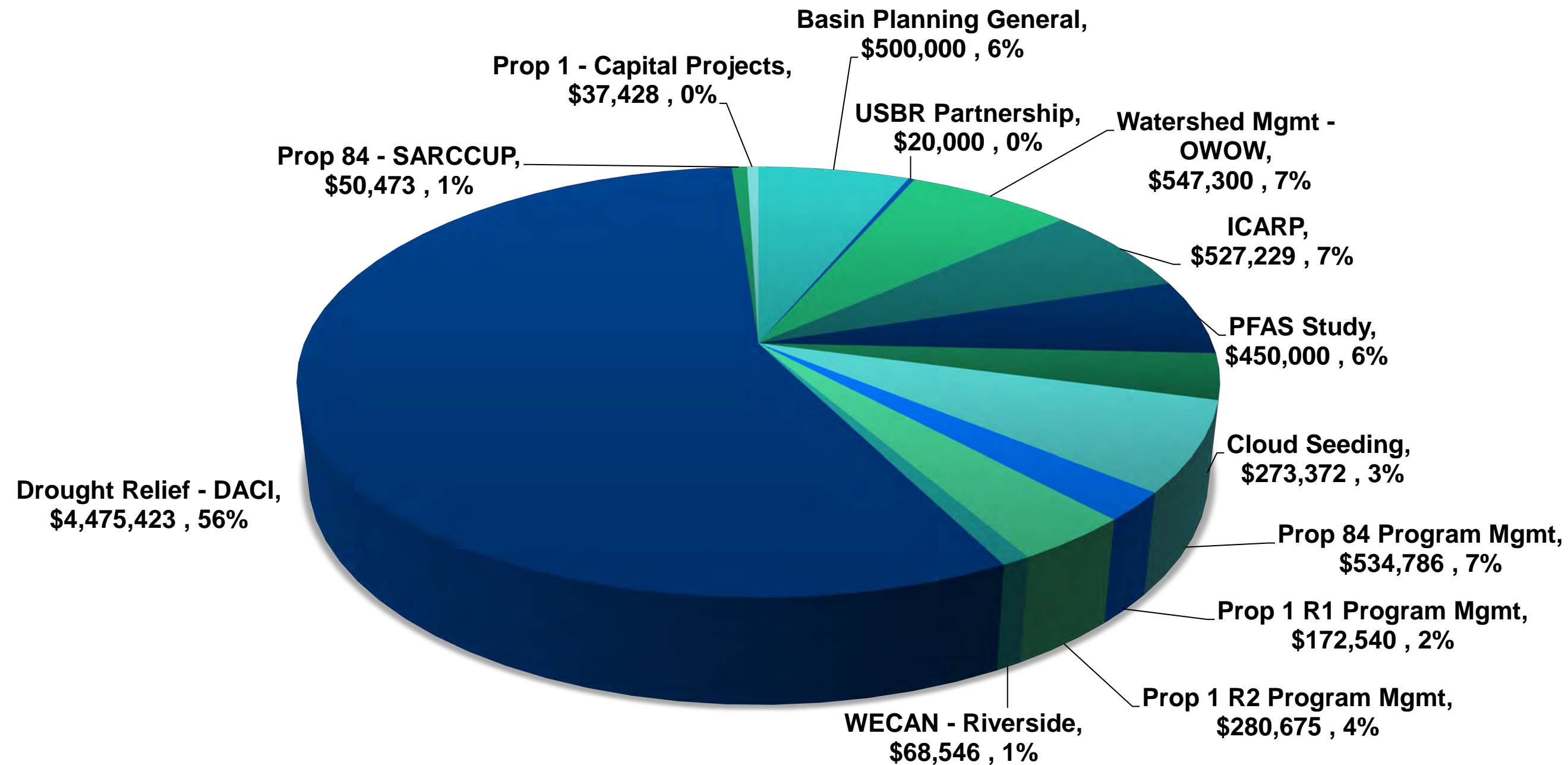


OWOW Fund - Revenues by Type

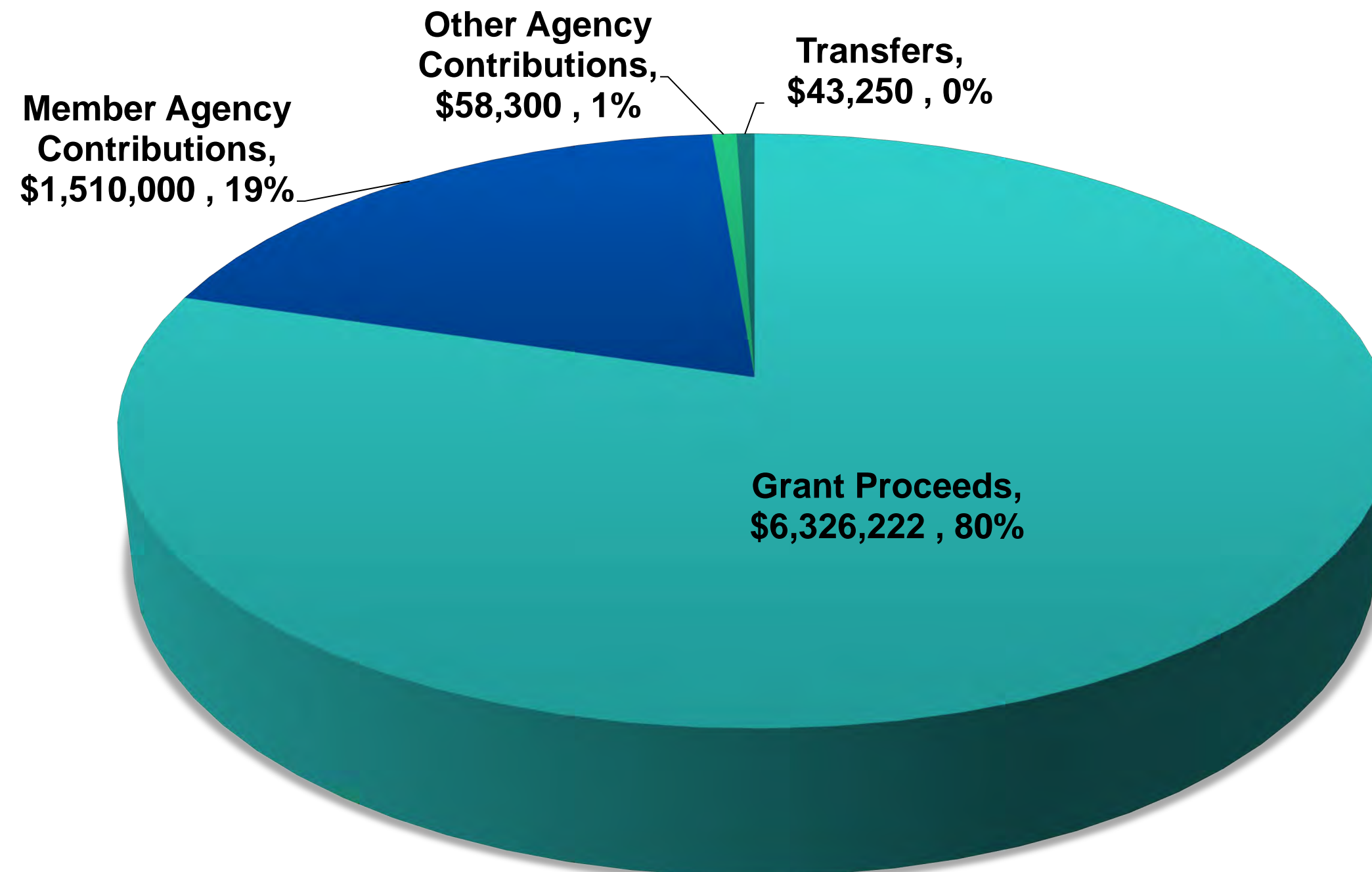
Revenue Type	FYE 2025	FYE 2026	FYE 2027
Grant Proceeds	\$2,109,785	\$6,326,222	\$1,321,143
Member Agency Contributions	1,528,500	1,510,000	1,590,000
Other Agency Contributions	95,087	58,300	47,300
Other Income*	0	43,250	226,750
Total	\$3,733,372	\$7,937,772	\$3,185,193

*Other Income includes transfers from Fund 504-04 -SARCCUP (from excess member contributions) which will be used to cover the ICARP local cost share match. (\$270,000 total transfer)

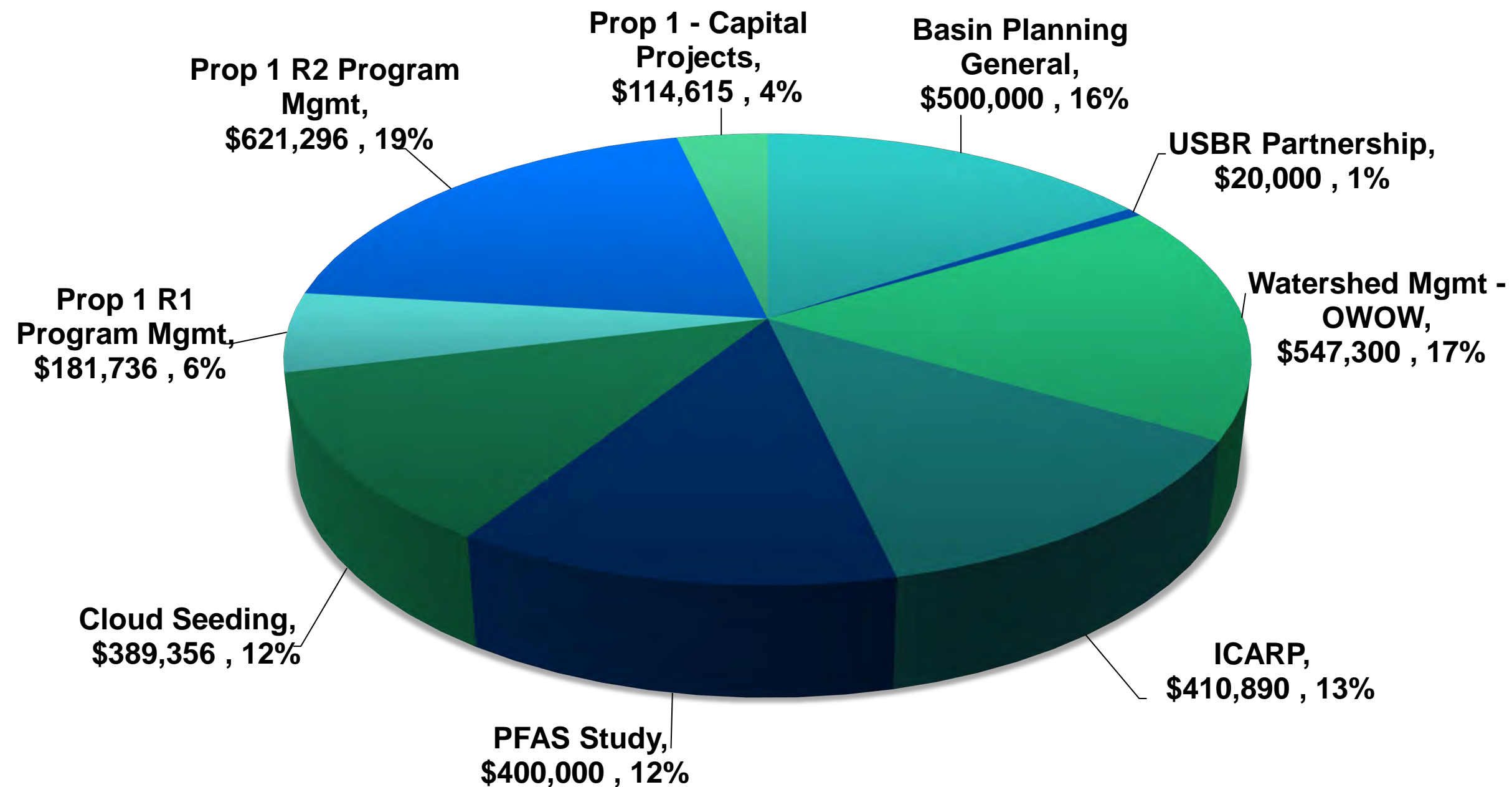
FYE 2026 – Revenues \$7,937,772



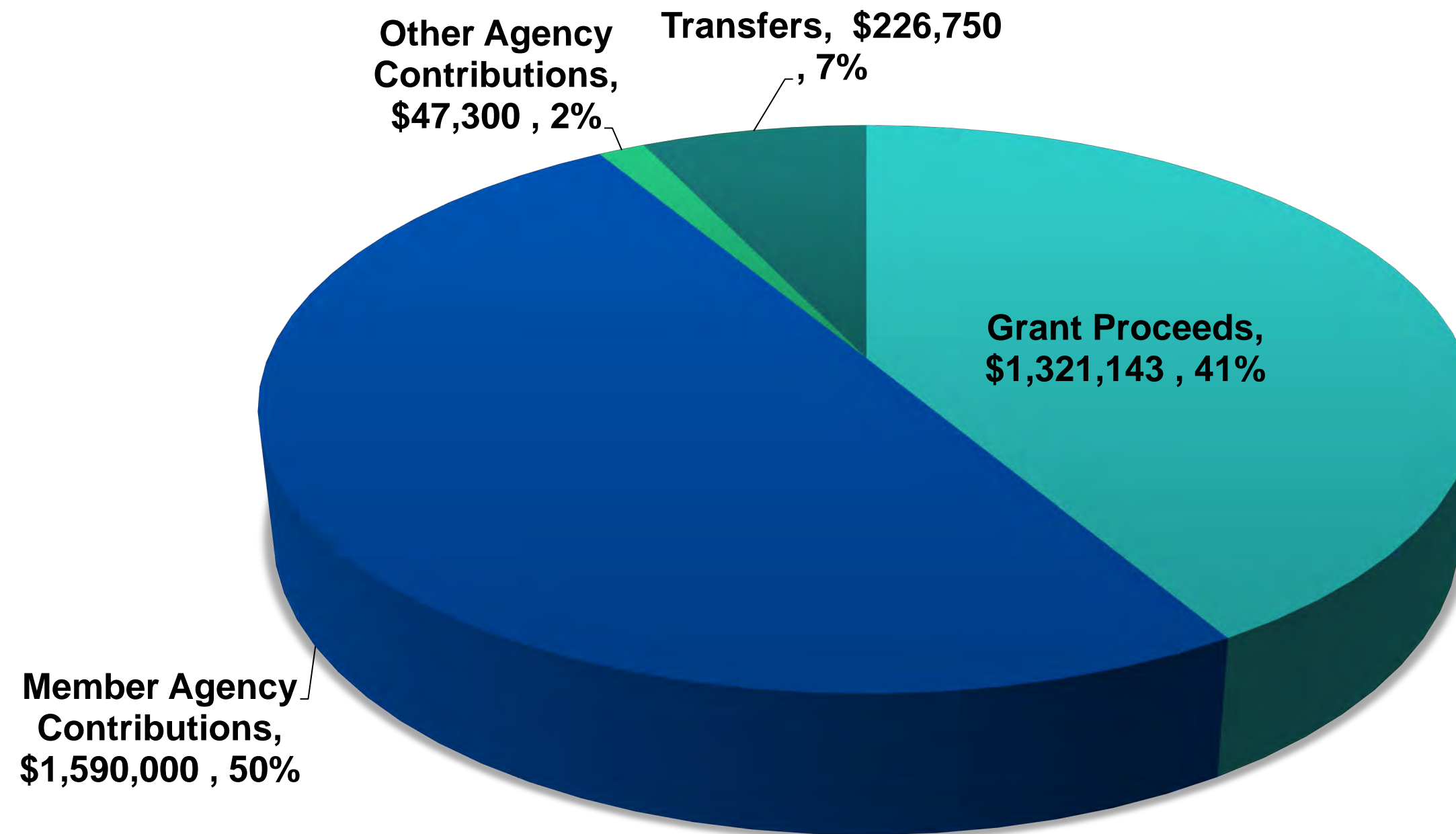
FYE 2026 – Revenues \$7,937,772



FYE 2027 – Revenues \$3,185,193



FYE 2027 – Revenues \$3,185,193



Prop 1 and 84 Projects - Passthrough

Fund	FYE 2025	FYE 2026	FYE 2027
Prop 84 – Final Round (SARCCUP)	\$10,029,070	\$9,000,000	\$0
Prop 1 R1 - Capital Projects	2,550,000	2,543,088	1,500,000
Prop 1 R2 – Capital Projects	2,684,425	9,300,000	5,800,000
Total	\$15,263,495	\$20,843,088	\$7,300,000

Prop 1 and 84 Projects - Passthrough

Agency	Project	FYE 2026	FYE 2027
Prop 84 – Final Round (SARCCUP)			
San Bernardino Valley MWD	Santa Ana Sucker Habitat	\$2,000,000	\$0
Western MWD	Sterling Pump Station, Riverside-Arlington Basin Facilities, Elsinore Basin Wells, and Interconnections	7,000,000	0
Prop 1 R1 - Capital Projects			
US Forest Service	Santa Ana Mountains Watershed Protection	268,088	0
Inland Empire Utilities Agency	Joint IEUA-JCSD Regional Water Recycling	1,000,000	1,000,000
Lake Elsinore	Physical Harvesting of Algal Biomass in LE Pilot	275,000	0
Big Bear Area RWA	Replenish Big Bear	1,000,000	500,000
Prop 1 R2 – Capital Projects			
Jurupa Community SD	Etiwanda Intervalley WQ & Resiliency Project	1,000,000	500,000
Monte Vista WD	Wellhead Nitrate Treatment Wells 4 & 27	500,000	1,000,000

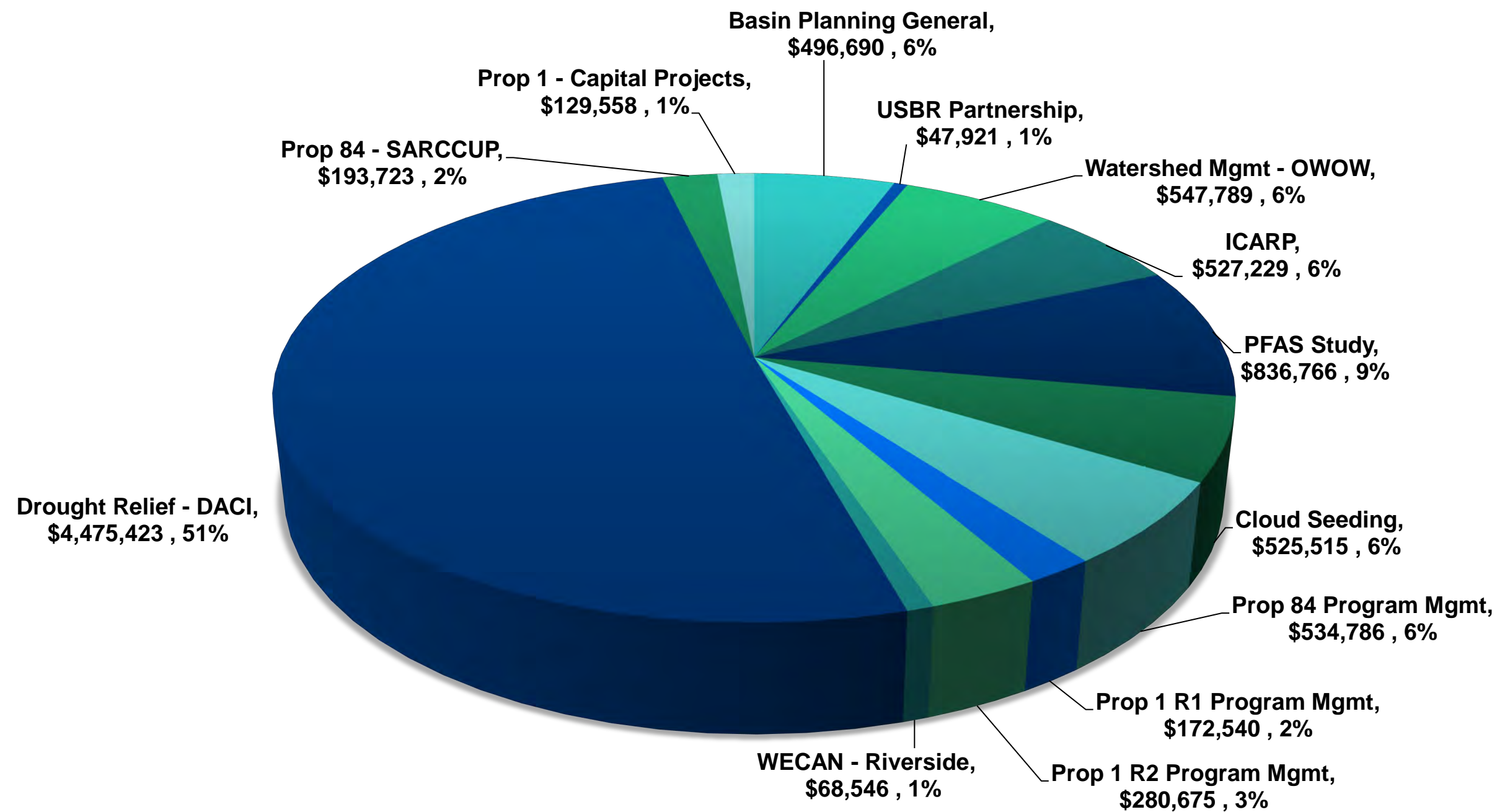
Prop 1 and 84 Projects - Passthrough

Agency	Project	FYE 2026	FYE 2027
Prop 1 R2 – Capital Projects			
San Bernardino County FCD	Cable Creek Basin (Upper)	\$500,000	\$1,000,000
LESJWA	LE Algae Harvesting & Nutrient Removal Pilot	1,000,000	0
City of Rialto	Lake Rialto Habitat Mgmt & Comm Open Space	1,000,000	500,000
Monte Vista WD	Well 2 Replacement	1,000,000	500,000
City of Santa Ana	New Washington Well Project	1,000,000	500,000
Box Springs MWD	Well Improvement Project	800,000	800,000
Orange County WD	OC Regional PFAS Groundwater Treatment	1,500,000	500,000
City of Santa Ana	Santa Ana Zoo Stormwater Capture & Diversion	1,000,000	500,000
MWDOC	Making Conservation an OC Way of Life	1,000,000	500,000

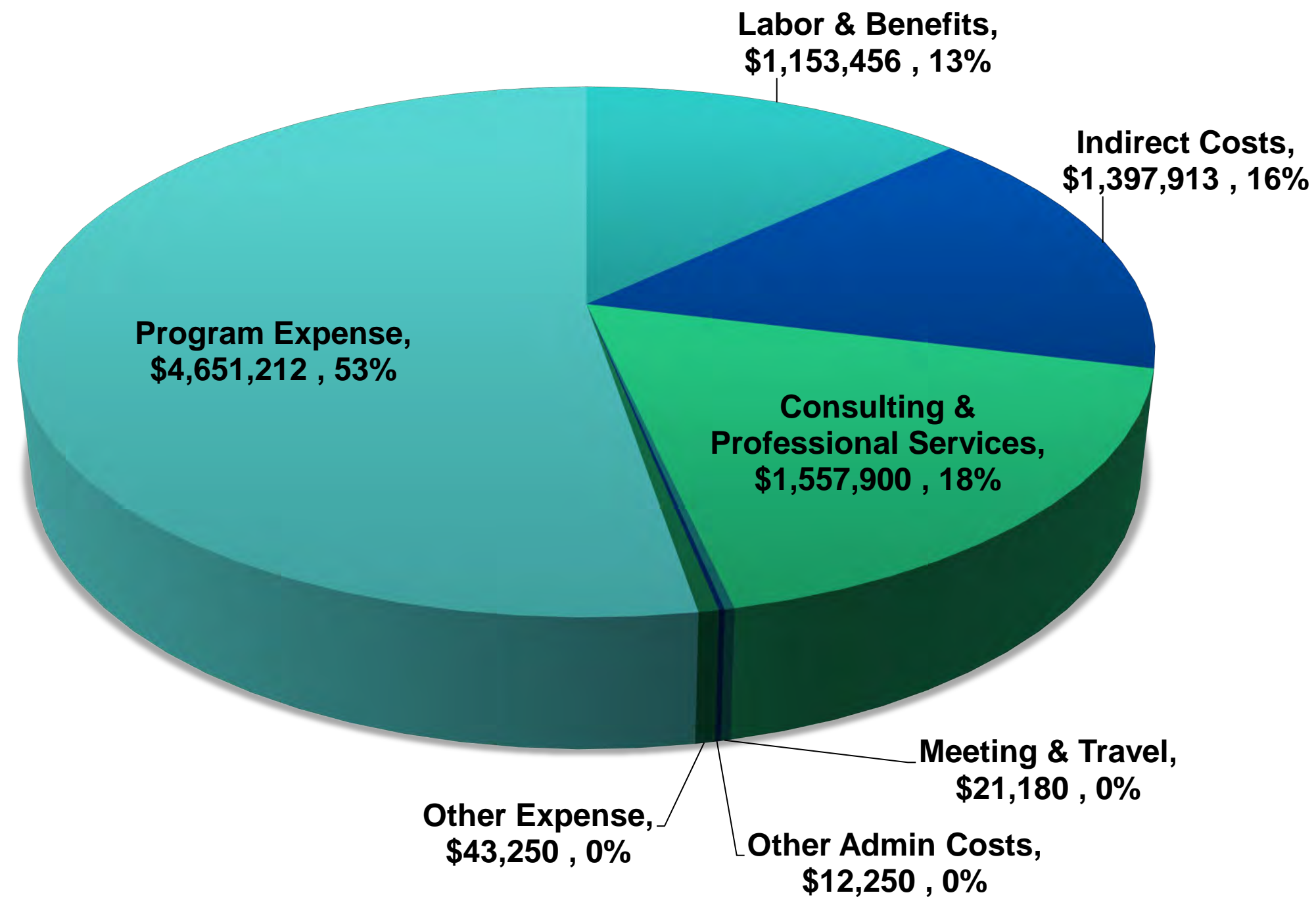
OWOW Fund - Expenses

Expense	FYE 2025	FYE 2026	FYE 2027
Basin Planning	\$539,791	\$496,690	\$544,963
USBR Partnership	69,471	47,921	51,121
Watershed Mgmt (OWOW)	904,428	547,789	665,081
ICARP	0	527,229	410,890
PFAS Study	550,459	836,766	654,305
Cloud Seeding	494,707	525,515	414,201
Prop 84 R2015 Mgmt	539,894	534,786	0
Prop 1 R1 Program Mgmt	248,593	172,540	181,736
Prop 1 R2 Program Mgmt	0	280,675	621,296
Prop 1 DACI Grant	471,466	4,475,423	0
WECAN –Riverside	148,933	68,546	0
Prop 84 SARCCUP	225,399	193,723	226,750
Prop 1 Capital Projects	36,178	129,558	114,615
Total	\$4,229,319	\$8,837,161	\$3,884,958

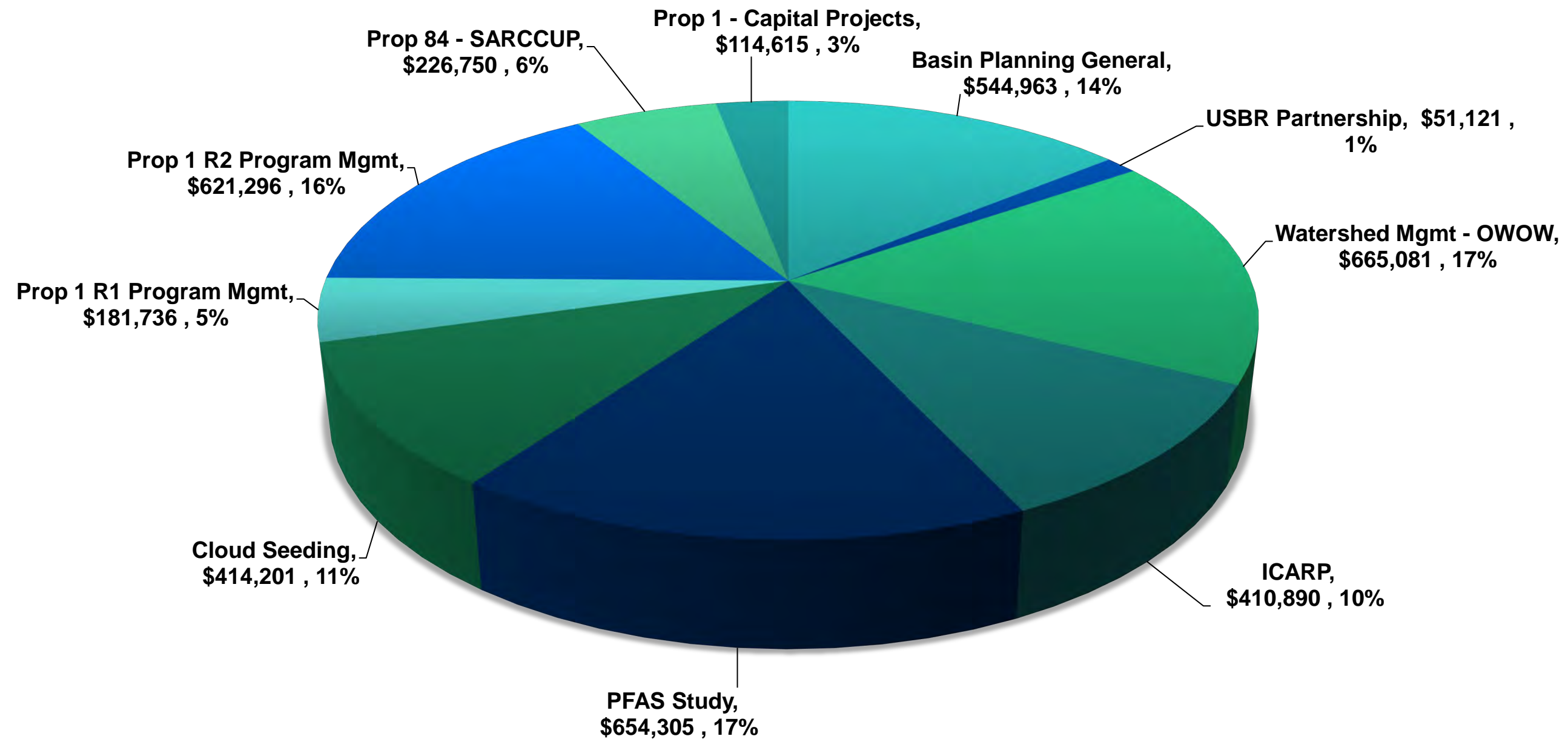
FYE 2026 – Expenses \$8,837,161



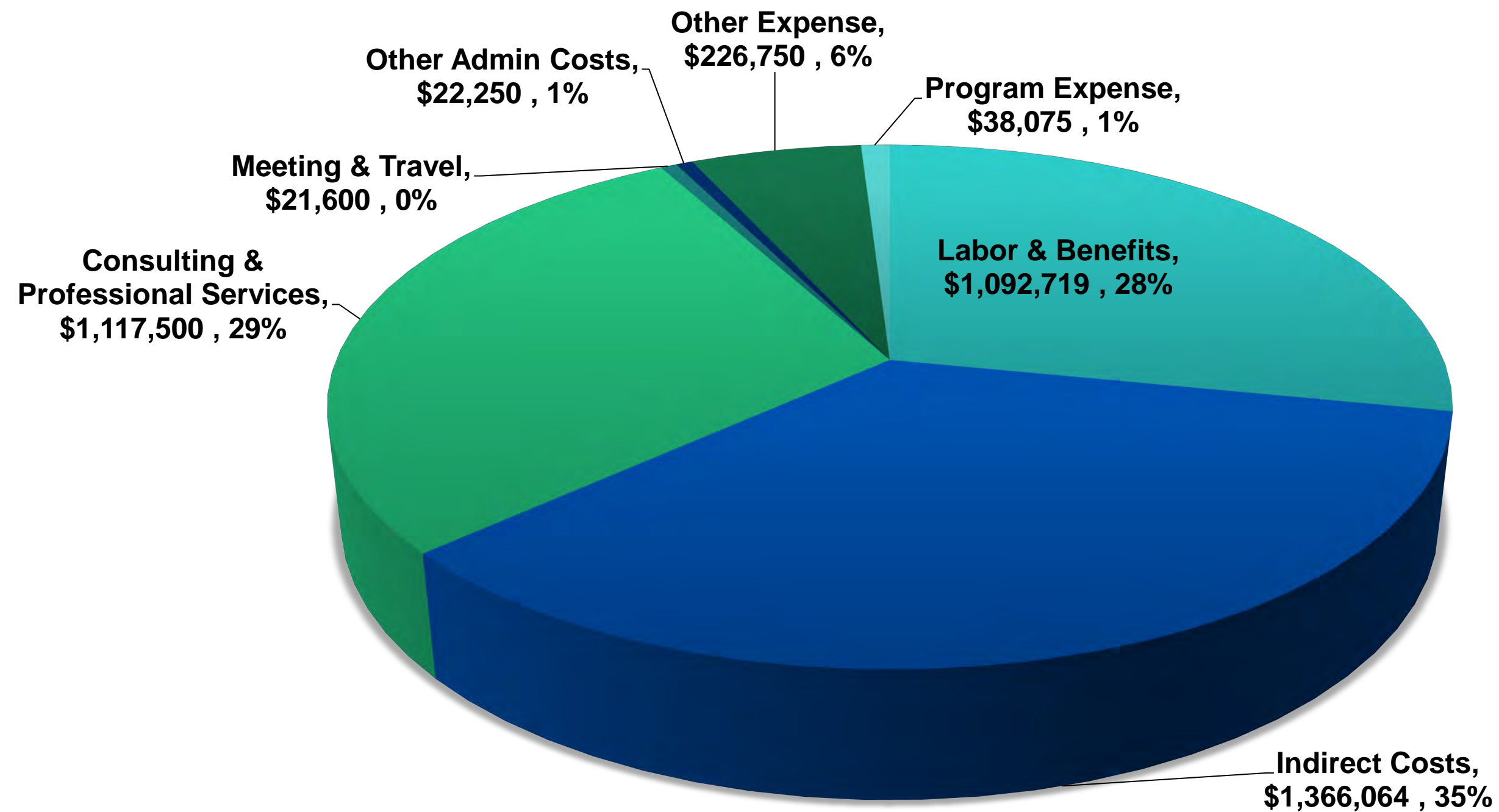
FYE 2026 – Expenses \$8,837,161



FYE 2027 – Expenses \$3,884,958



FYE 2027 – Expenses \$3,884,958



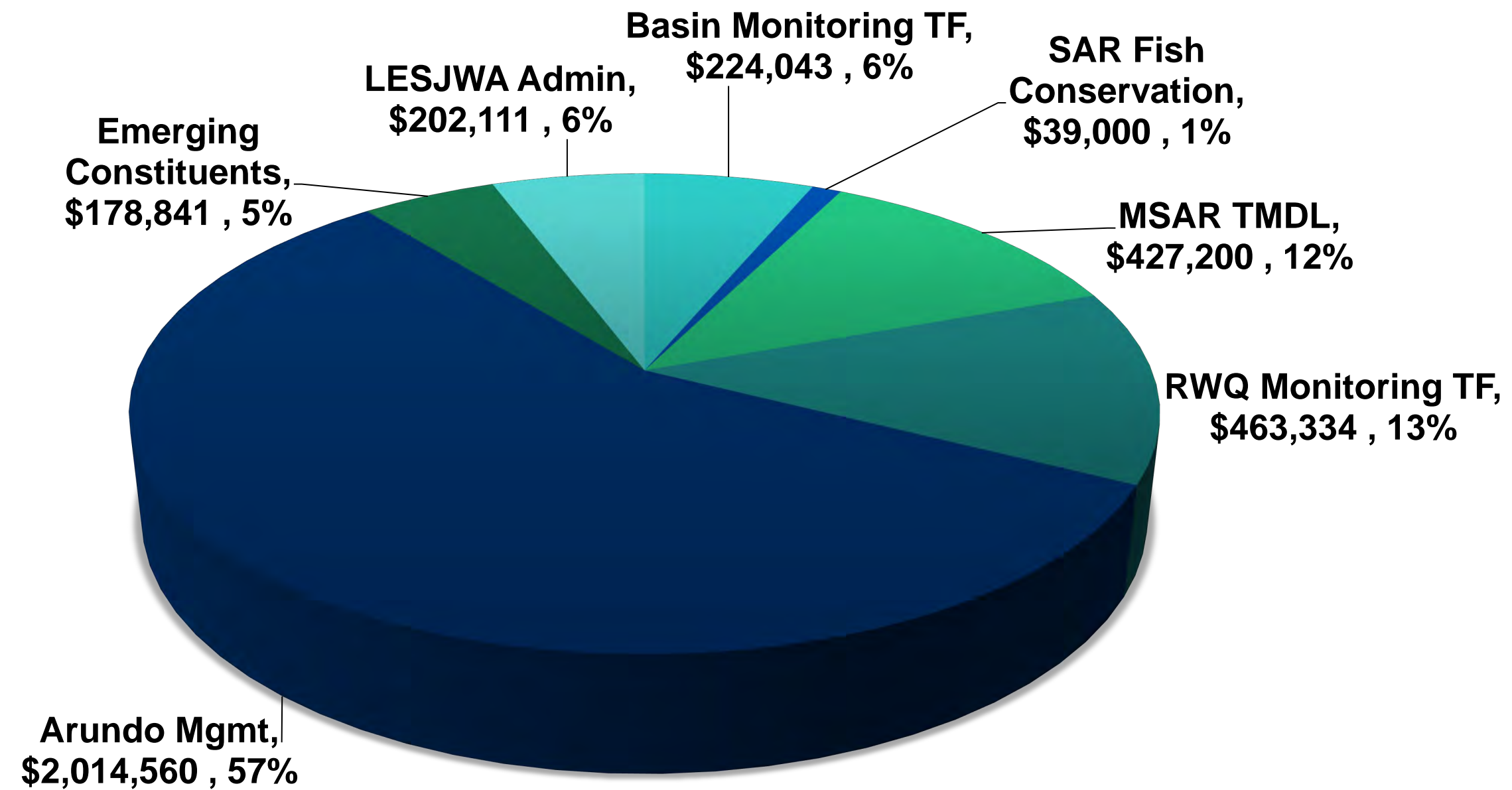
Roundtable Fund Budget



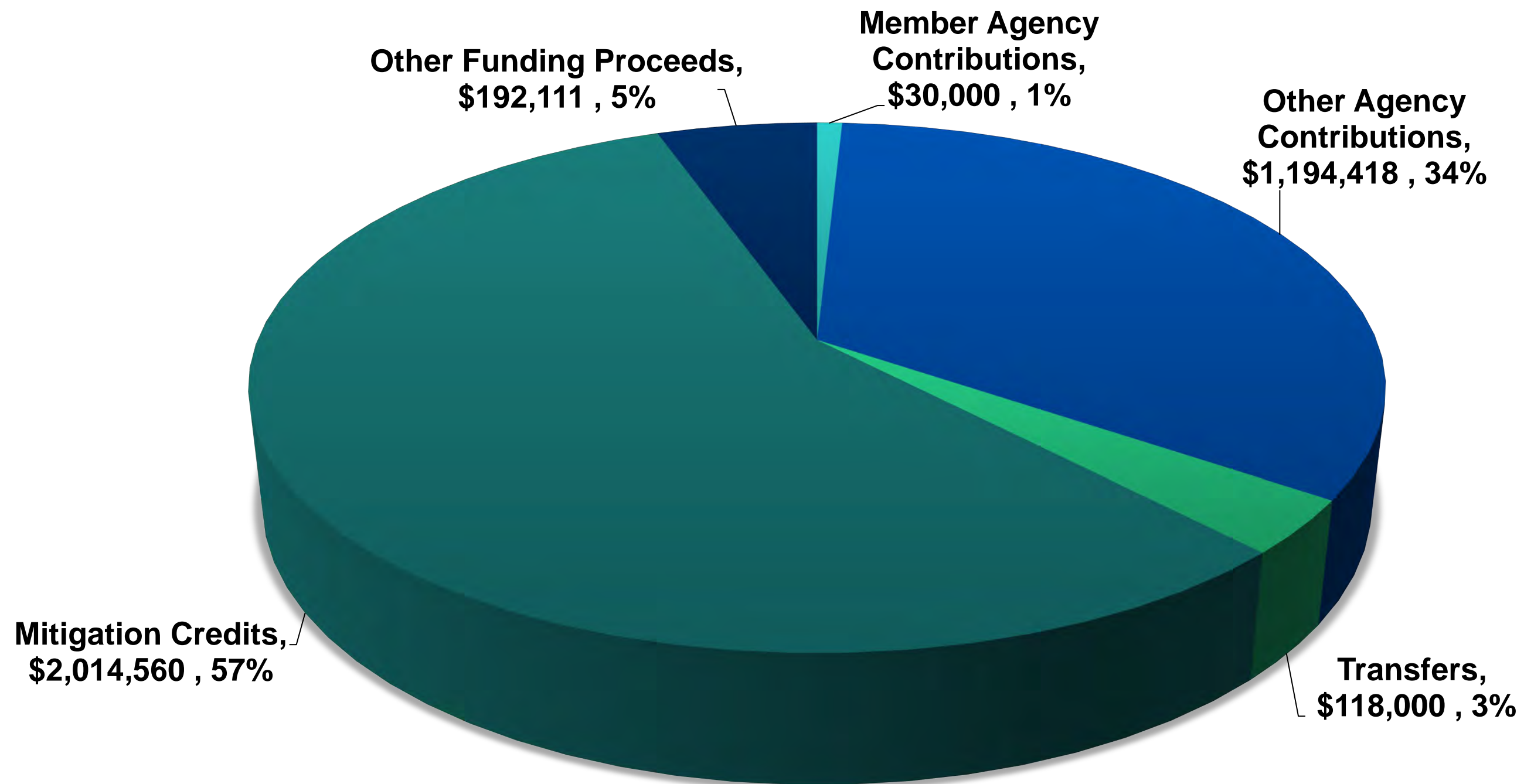
Roundtable Fund – Revenues by Type

Revenue Type	FYE 2025	FYE 2026	FYE 2027
Grant Proceeds	\$250,000	\$0	\$0
Member Agency Contributions	20,000	30,000	30,000
Other Agency Contributions	1,229,125	1,194,418	1,210,349
Other Income	1,198,405	2,324,671	341,516
Total	\$2,697,530	\$3,549,089	\$1,581,865

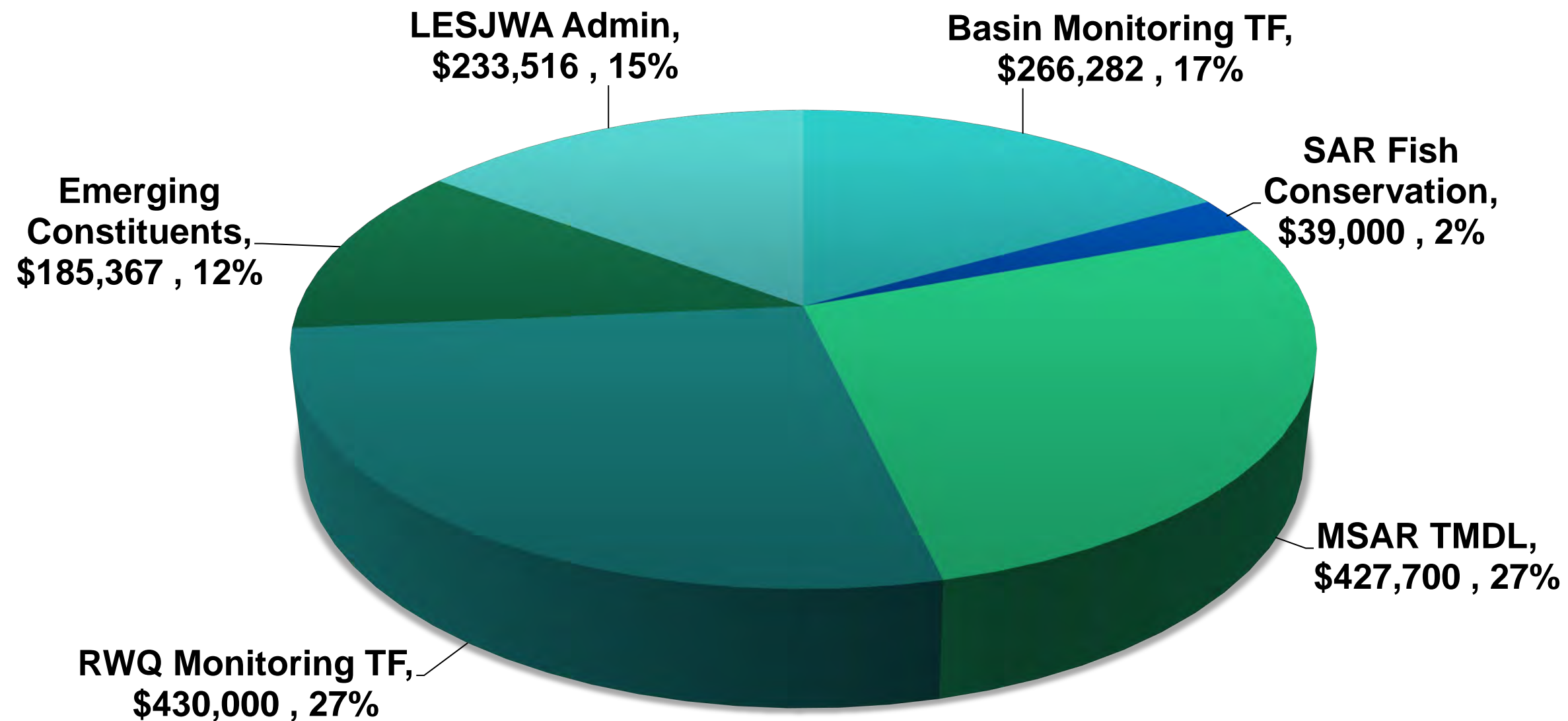
FYE 2026 – Revenues \$3,549,089



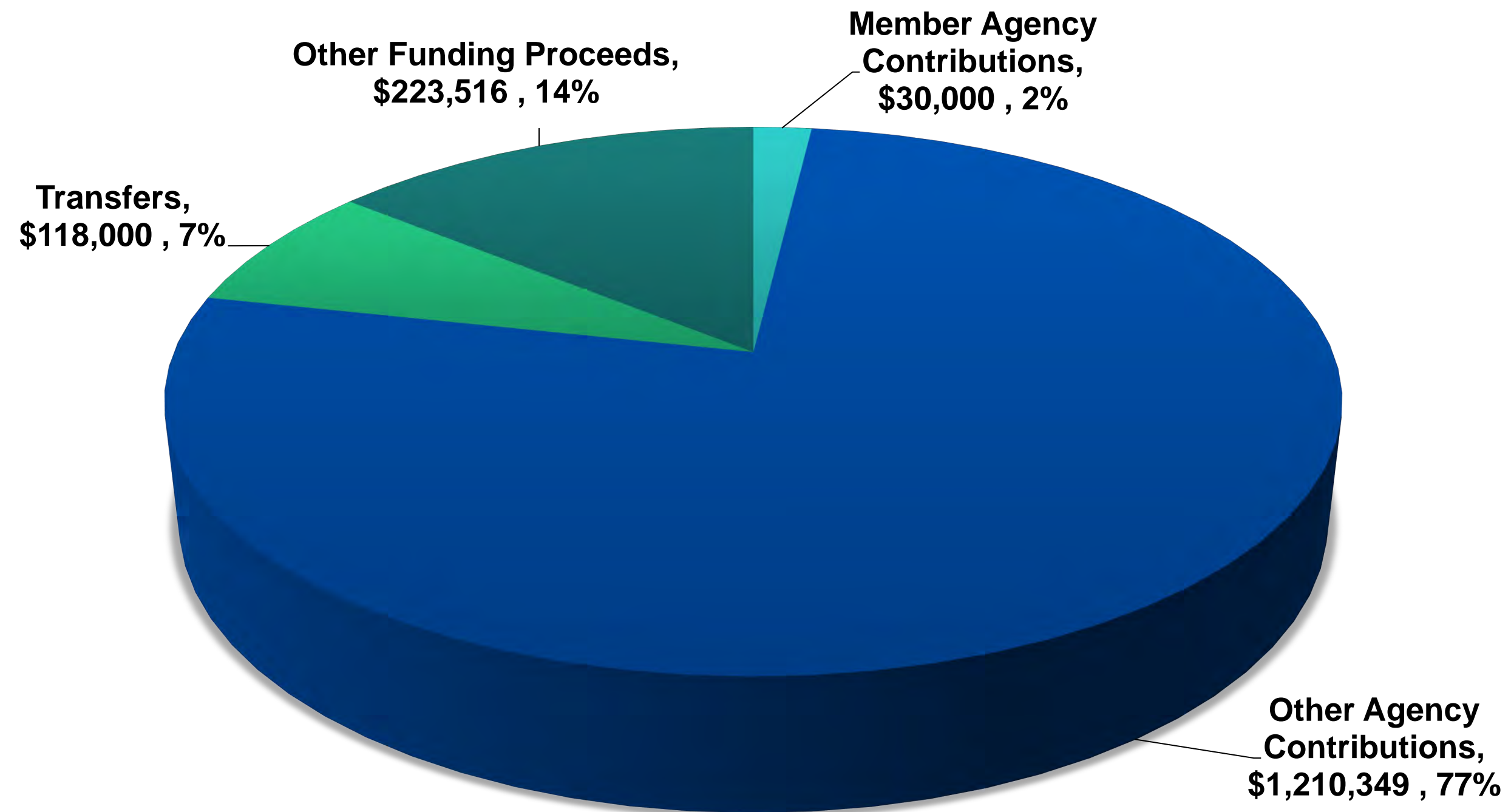
FYE 2026 – Revenues \$3,549,089



FYE 2027 – Revenues \$1,581,865



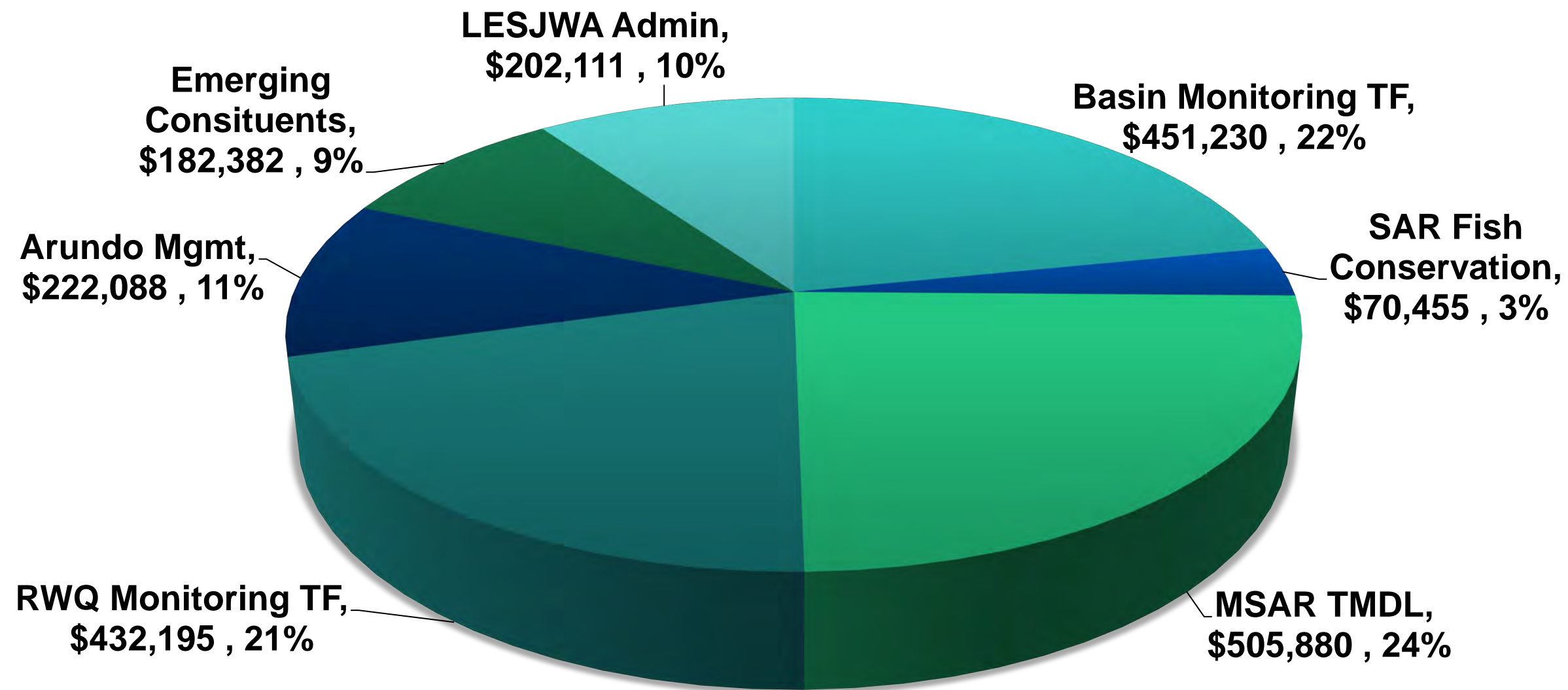
FYE 2026 – Revenues \$1,581,865



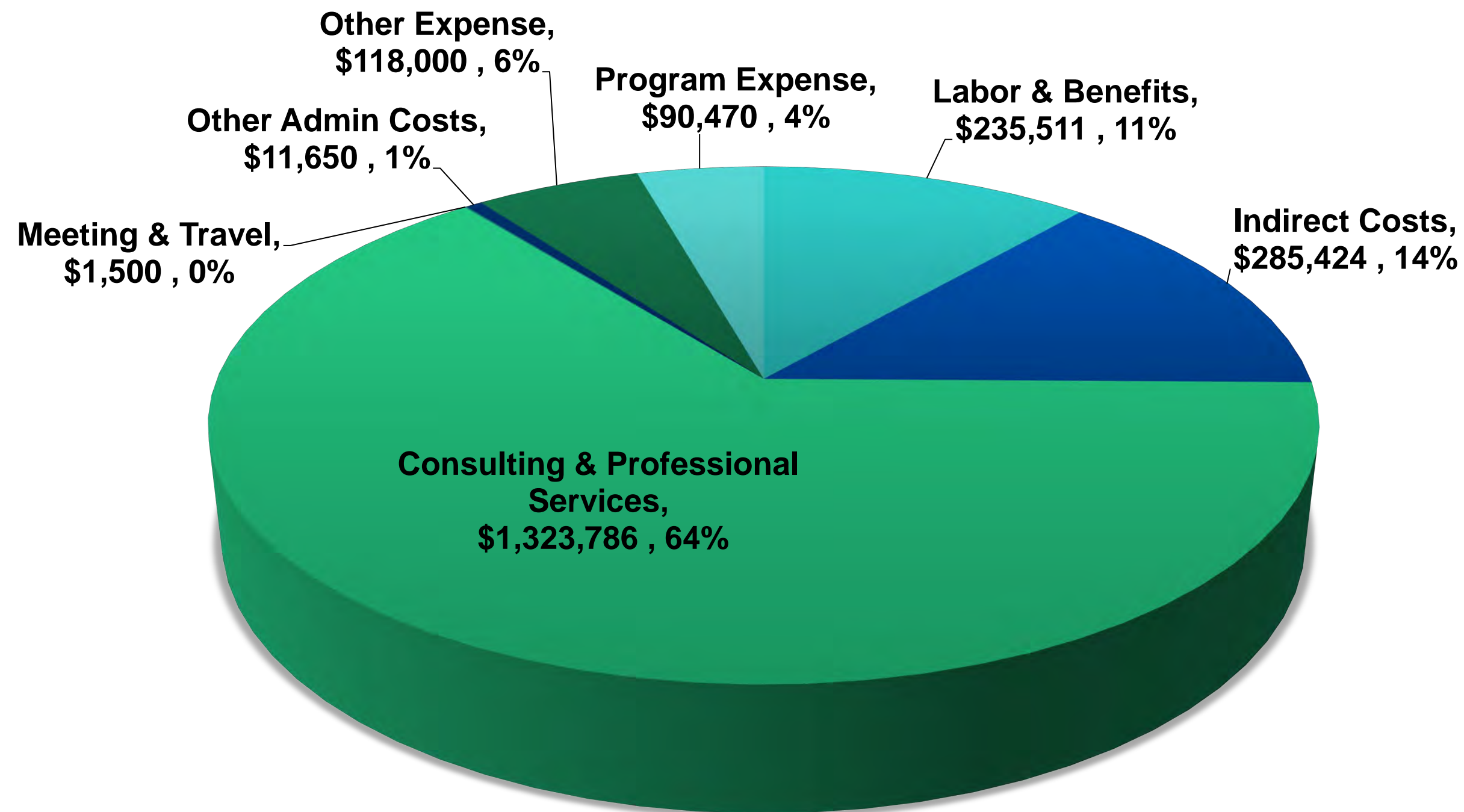
Roundtable Fund - Expenses

Expense	FYE 2025	FYE 2026	FYE 2027
Basin Monitoring TF	\$565,988	\$451,230	\$455,658
SAR Fish Conservation	288,541	70,455	73,551
MSAR TMDL TF	284,664	505,880	531,442
RWQ Monitoring TF	415,702	432,195	434,782
Arundo Mgmt	85,780	222,088	275,109
Emerging Constituents TF	114,303	182,382	191,814
LESJWA Admin	198,285	202,111	233,516
Total	\$1,953,263	\$2,066,341	\$2,195,872

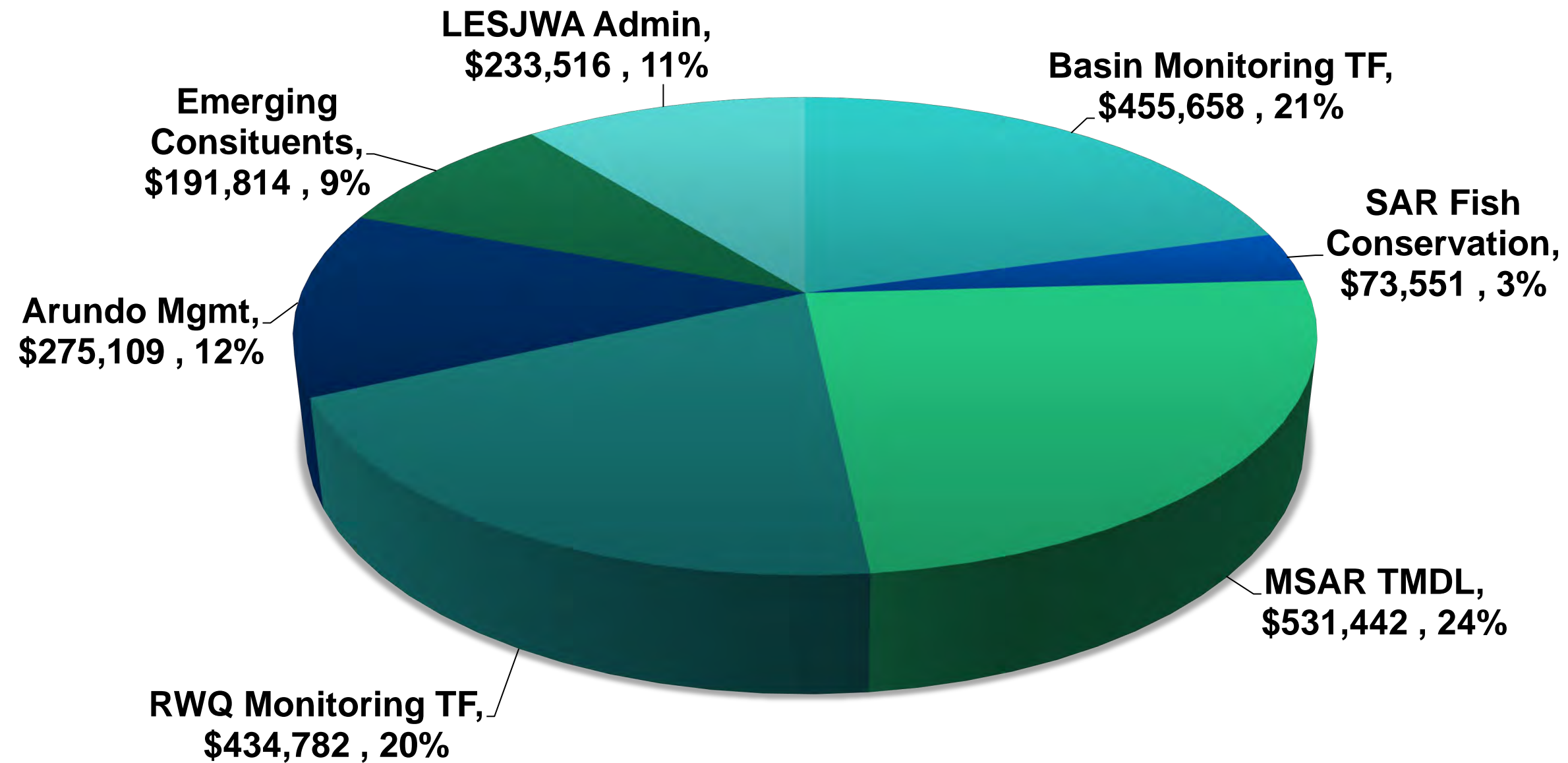
FYE 2026 – Expenses \$2,066,341



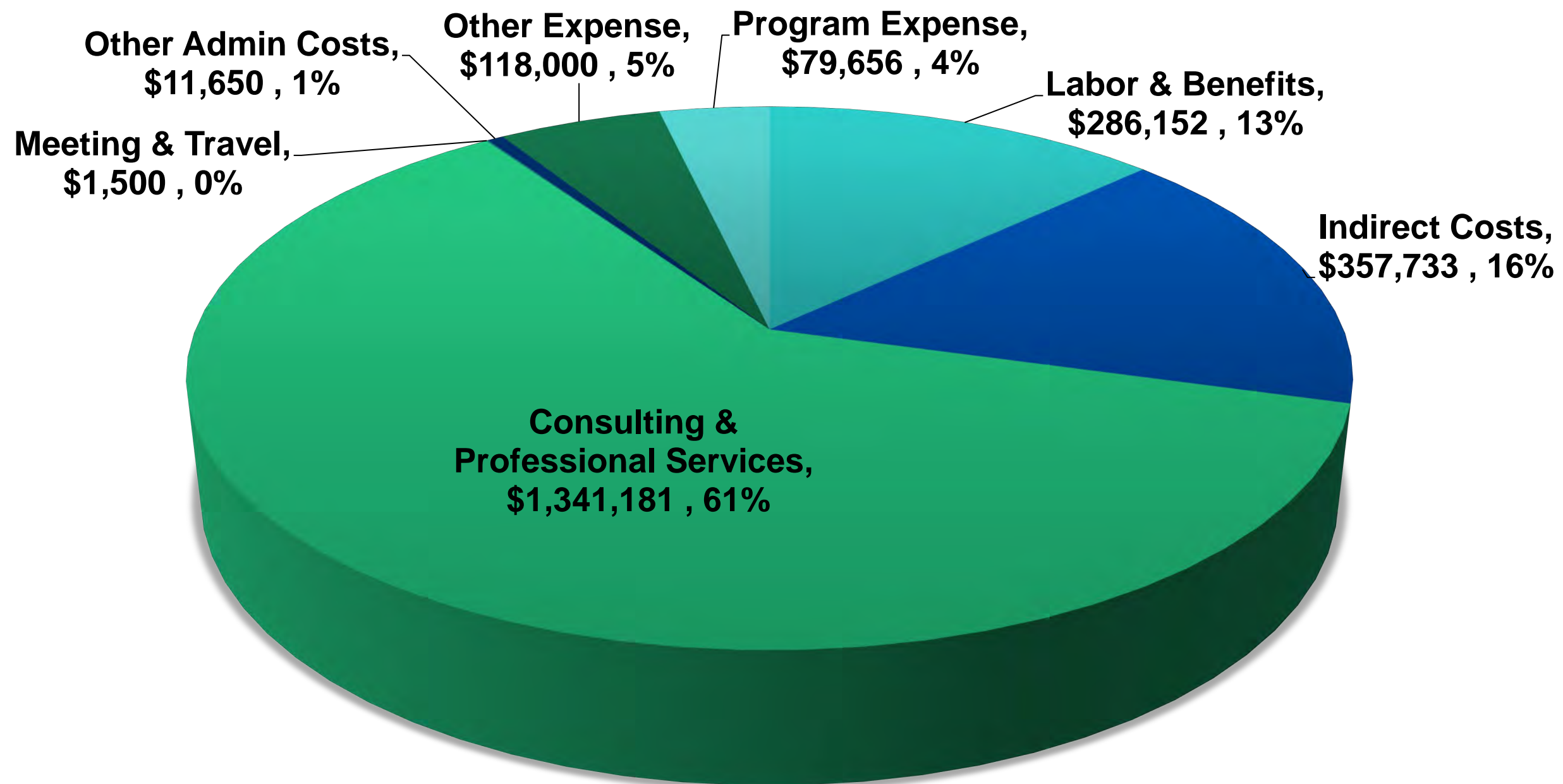
FYE 2026 – Expenses \$2,066,341



FYE 2027 – Expenses \$2,195,872



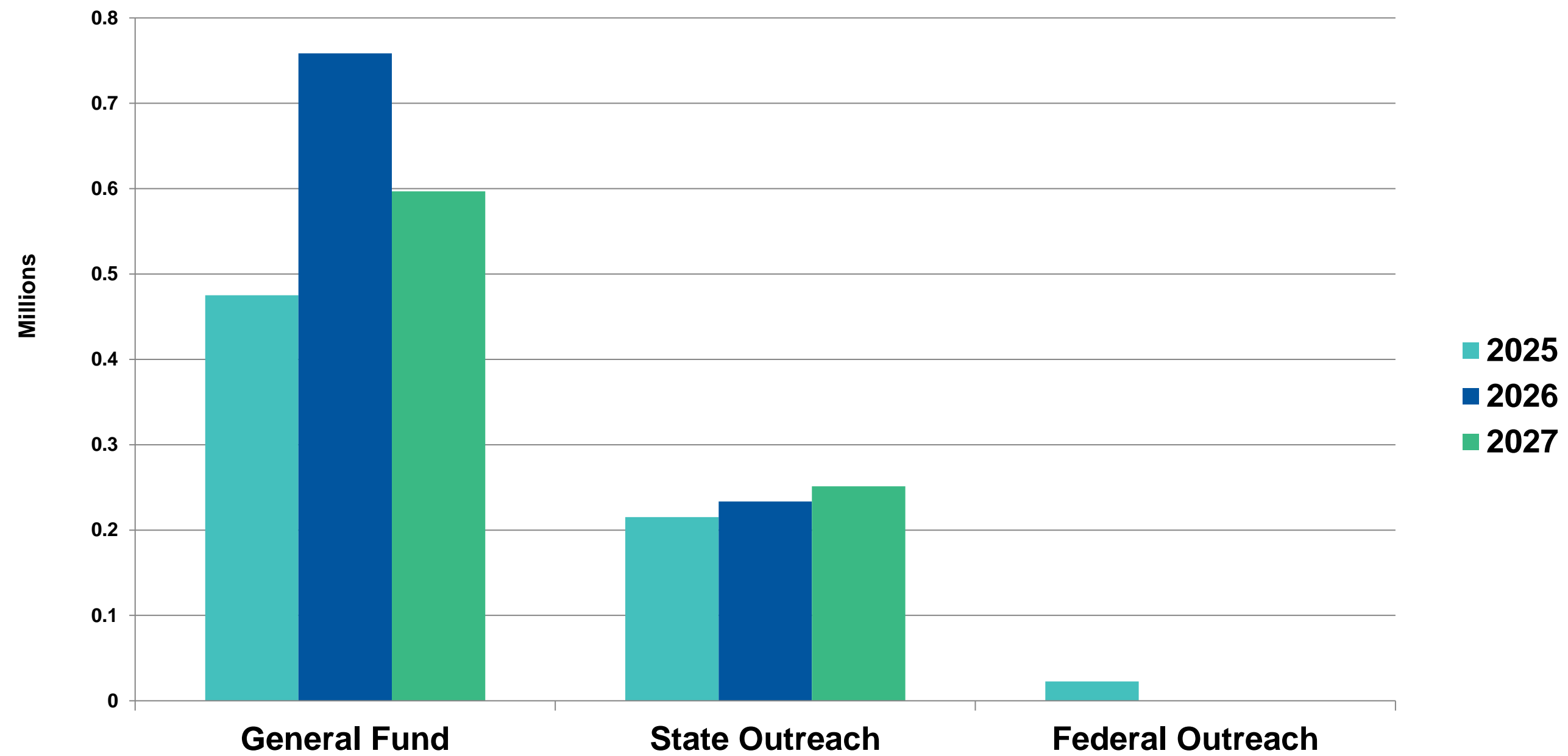
FYE 2027 – Expenses \$2,195,872





General Fund Budget

General Fund



General Fund Expenses

Expense	FYE 2025	FYE 2026	FYE 2027
General Fund	\$475,000	\$758,400	\$596,800
State Outreach	215,250	233,400	251,233
Federal Outreach	22,660	0	0
Total	\$712,910	\$991,800	\$848,033

Fixed Asset Purchases – General Fund

Asset	FYE 2026	FYE 2027
Replace HVAC units*	\$23,400	\$46,800
Replace Roof*	150,000	0
Charging Stations (4)*	85,000	0
Total	\$258,400	\$46,800

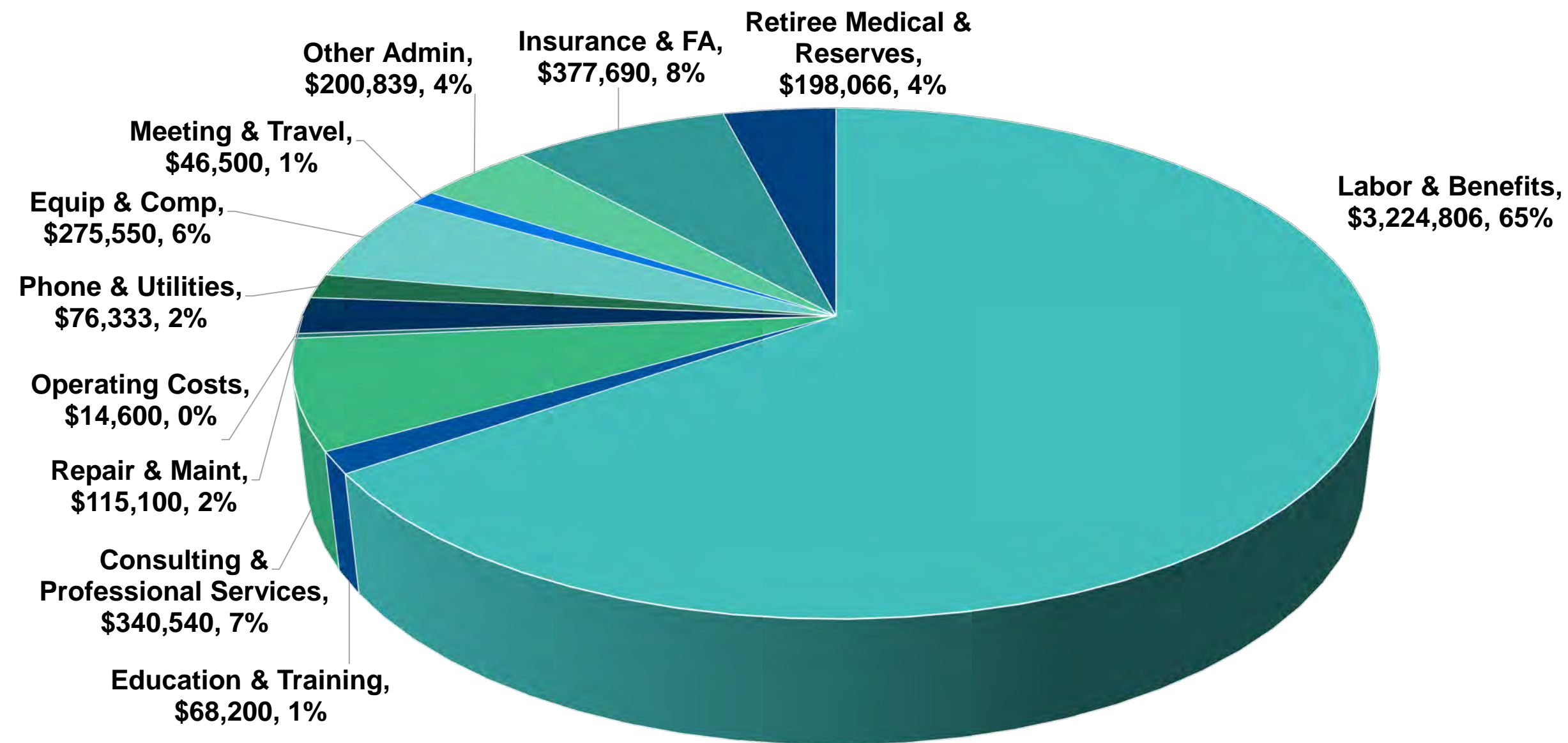
*Funding from 2024 and 2025 will be used for fixed asset purchases

General Fund Expenses

Expense	FYE 2025	FYE 2026	FYE 2027
Labor and Benefits	\$2,792,735	\$3,224,806	\$3,626,235
Education & Training	61,000	68,200	69,200
Consulting & Professional Services	305,110	340,540	318,970
Operating Costs	11,880	14,600	14,600
Repair & Maintenance	106,900	115,100	109,200
Phone & Utilities	89,666	76,333	76,333
Equipment & Computers	265,663	275,550	285,750
Meeting & Travel	48,000	46,500	46,500
Other Administrative Expenses	189,730	200,839	204,385
Insurance & Fixed Assets	169,968	377,690	166,530
Retiree Medical & Building Reserves	199,523	198,066	214,228
Total Before Indirect Cost Allocations	4,240,175	4,938,224	5,131,931
Less Indirect Cost Allocations	(3,765,175)	(4,179,824)	(4,535,131)
Total General Fund Costs	\$475,000	\$758,400	\$596,800

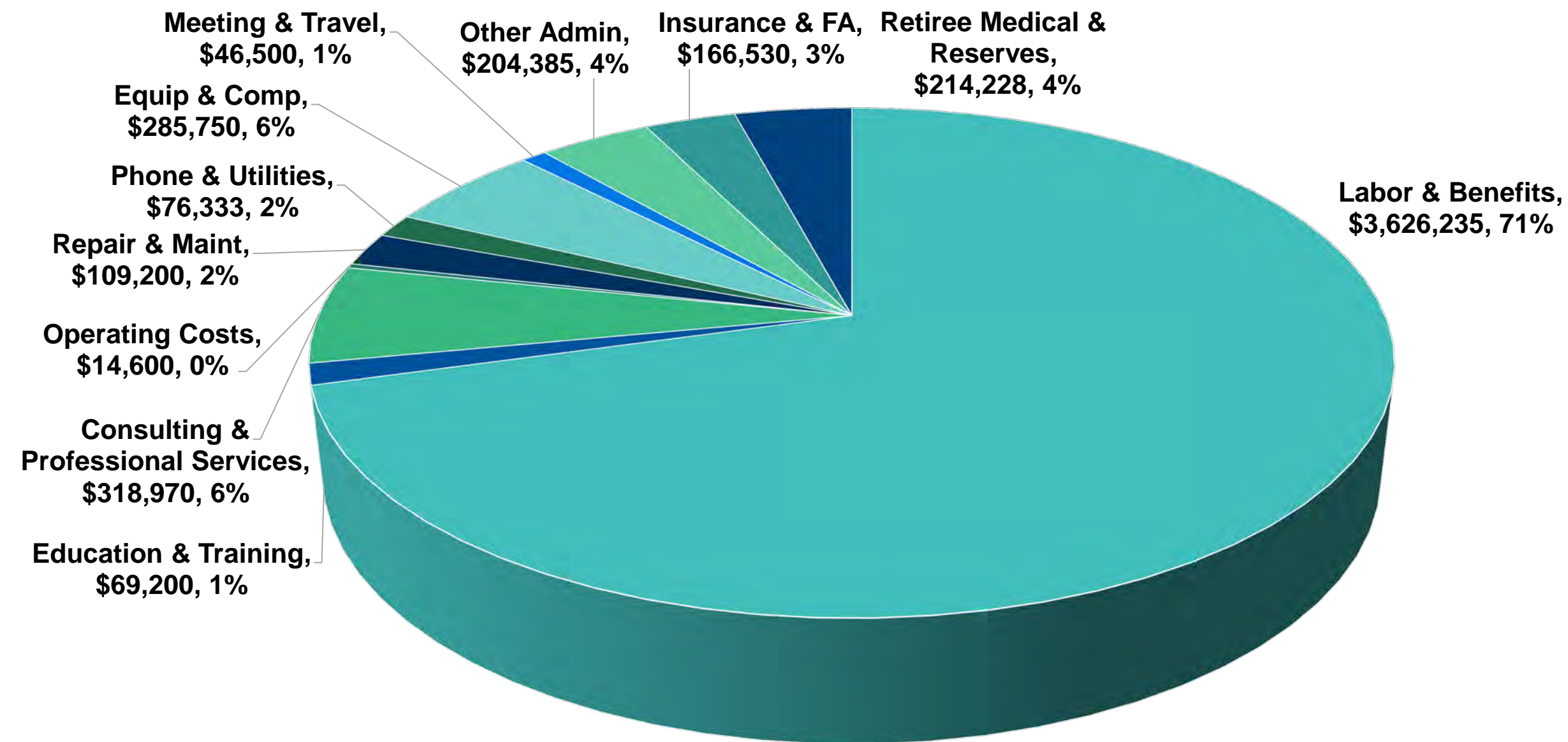
FYE 2026

General Fund Costs \$4.9 Million



FYE 2027

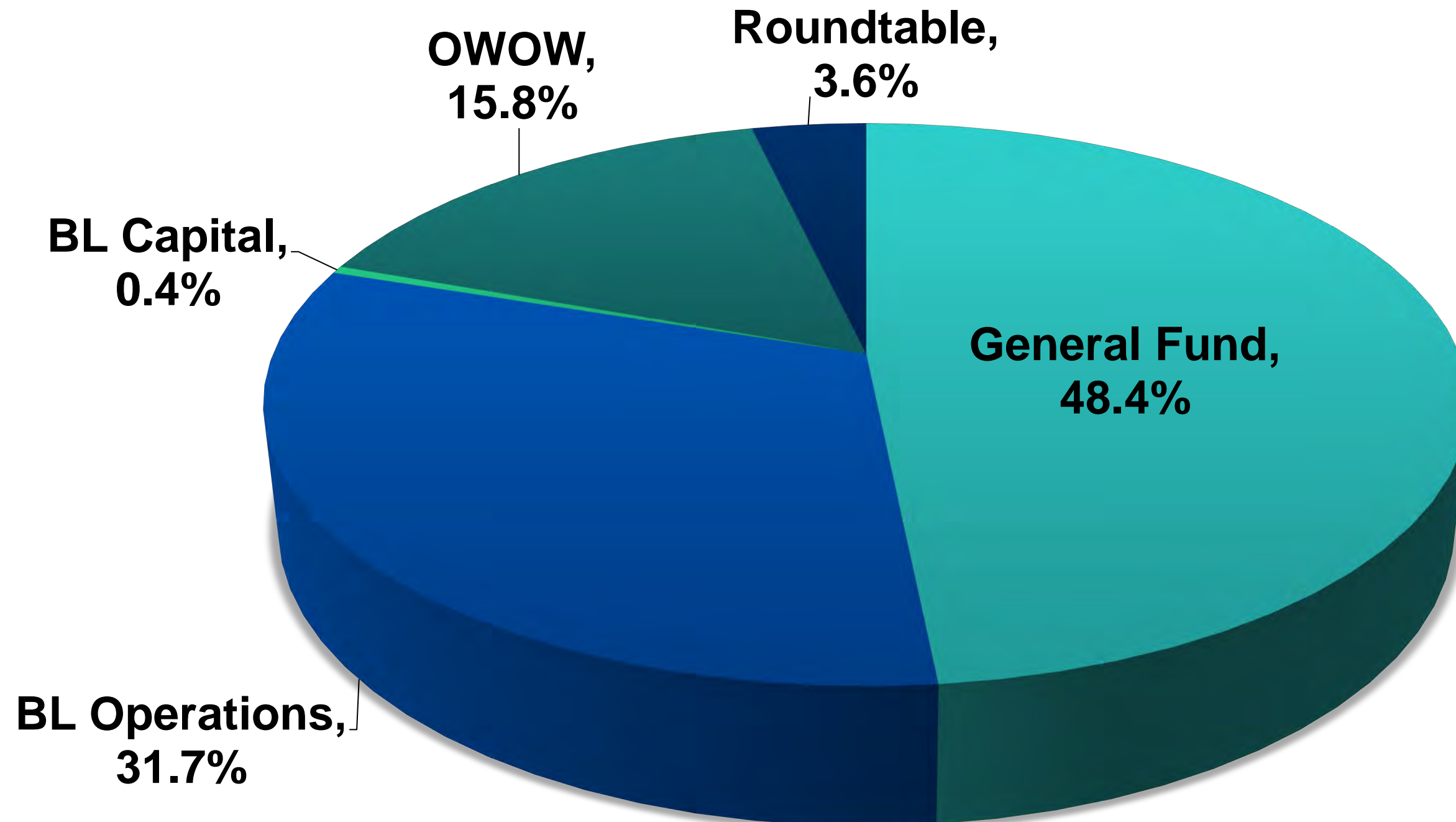
General Fund Costs \$5.1 Million



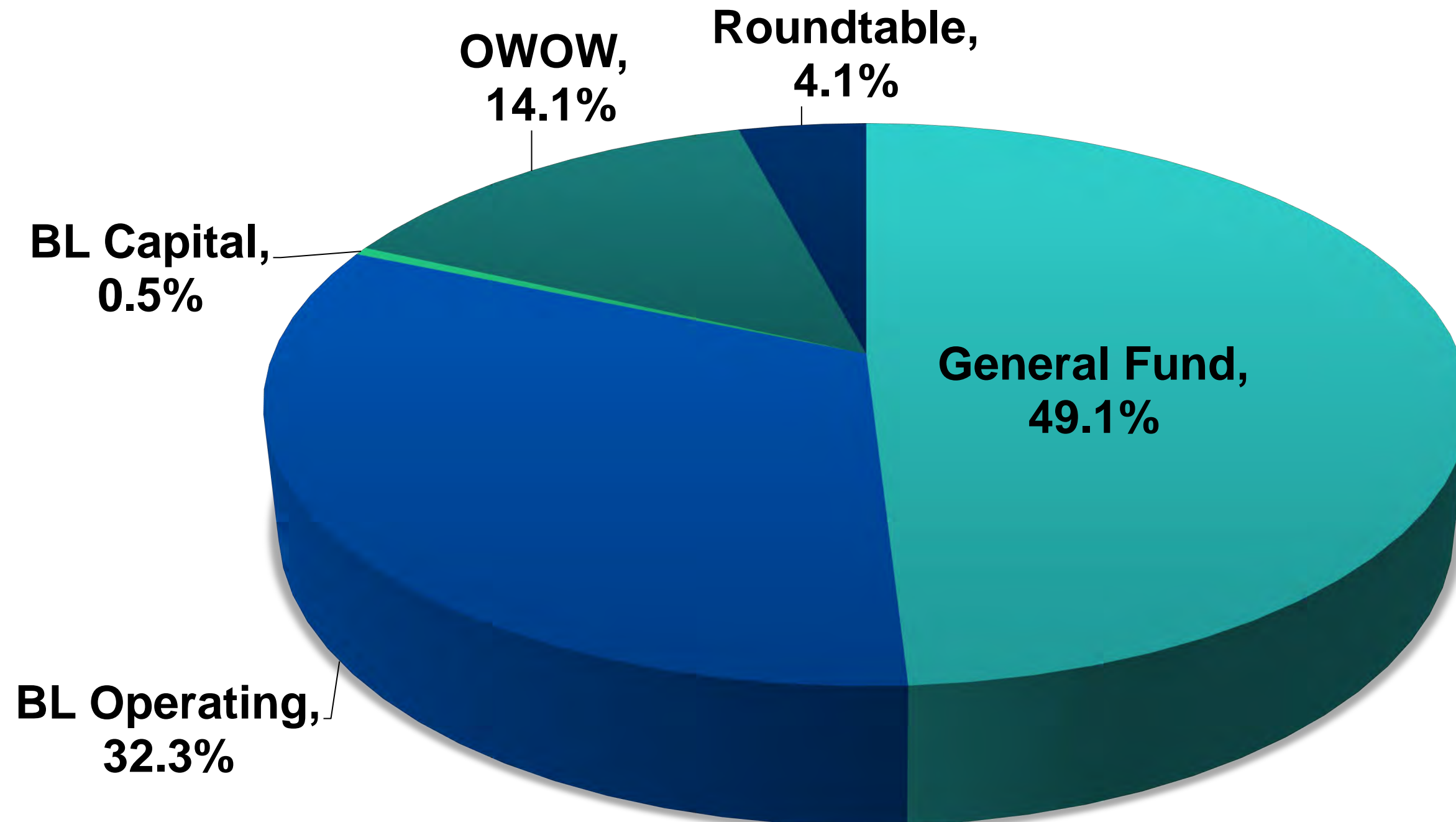
Indirect Cost Allocations by Fund Type

Fund	FYE 2026	FYE 2027
Brine Line Operating Fund	\$2,438,925	\$2,741,252
Brine Line Capital Fund	57,562	70,082
OWOW Fund	1,397,913	1,366,064
Roundtable Fund	285,424	357,733
Total	\$4,179,824	\$4,535,131

Labor Distribution Hours FYE 2026



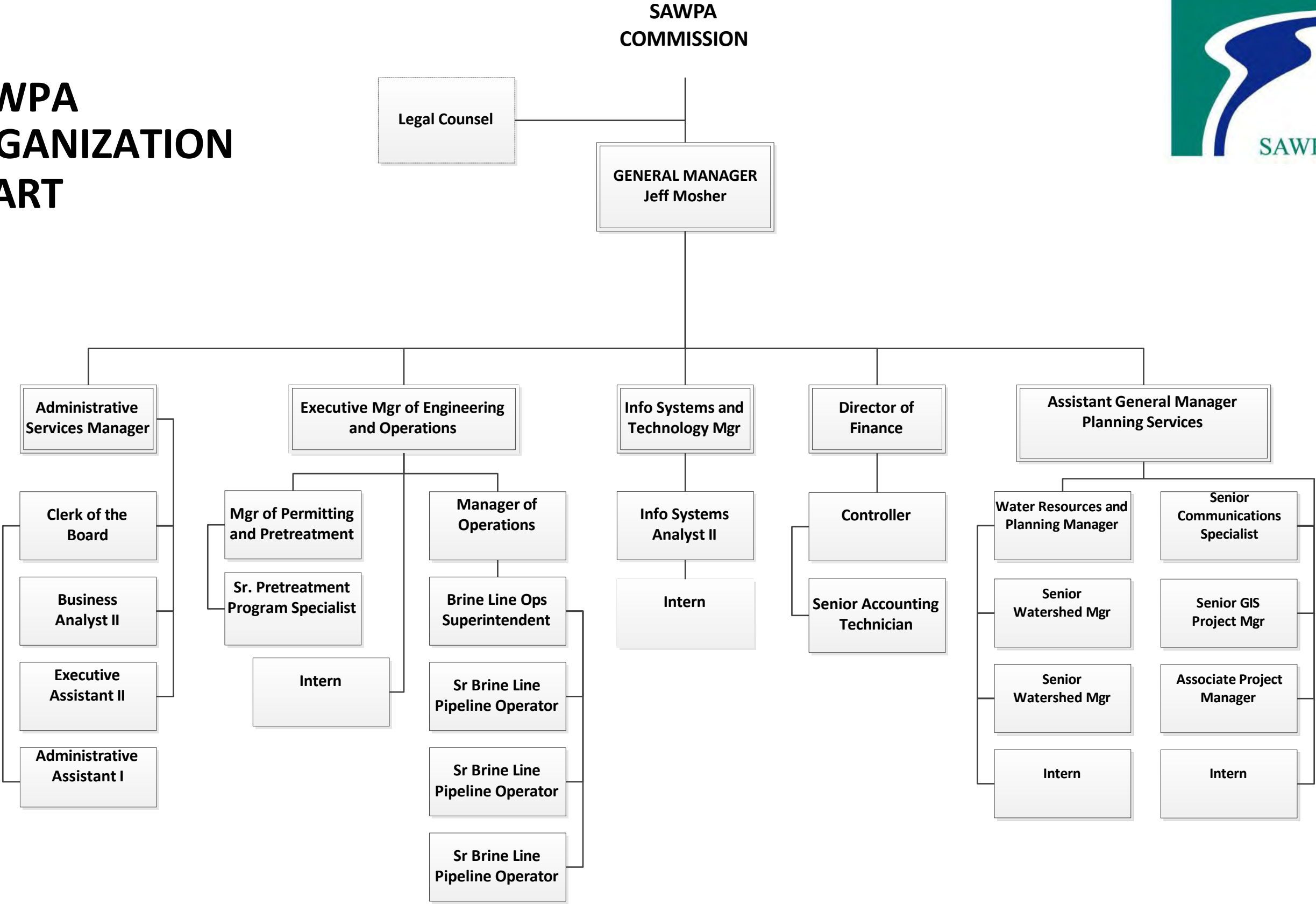
Labor Distribution Hours FYE 2027



Total Labor Hour Distribution

Fund	FYE 2025	FYE 2026	% Diff	FYE 2027	% Diff
General Fund	28,150	28,753	2.1%	28,895	0.5%
Brine Line Operating Fund	19,407	18,830	-3.0%	19,045	1.2%
Brine Line Capital Fund	626	250	-60.1%	270	8.0%
OWOW Fund	8,372	9,402	12.3%	8,275	-12.0%
Roundtable Fund	2,325	2,165	-6.9%	2,395	10.6%
Total	58,880	59,400	0.9%	58,880	-0.9%

SAWPA ORGANIZATION CHART



26 Positions
4 Interns

DRAFT
FY 2025-26

Positions by Department

Department	FYE 2020	FYE 2021	FYE 2022	FYE 2023	FYE 2024	FYE 2025	FYE 2026	FYE 2027
Executive Management	3	3	2	2	2	2	2	2
Administrative Services	6	6	5	5	6	6	6	6
Finance/Accounting	2	2	3	3	3	3	4	4
Information Systems and Technology	3	3	3	3	3	3	3	3
Engineering and Operations	10	10	10	10	9	9	8	8
Water Resources & Planning	4	4	3	3	3	3	3	3
Total Positions	28	28	26	26	26	26	26	26

Labor Assumptions Used

- **Budgeted FTE**
 - 26 filled and approved FTE
 - 5 Interns
- **8% Salary increase each year**
 - Merit Pool (4%)
 - COLA (4%)
 - Promotions
 - Adjustments

Benefit Assumptions Used

PERS 2% @ 55 - Classic

	FYE 2026	FYE 2027
PERS Employers Rate	13.11%	13.10%
Unfunded Liability Payment	\$217,346	\$289,000

PERS 2% @ 62 - PEPRA

	FYE 2026	FYE 2027
PERS Employers Rate	8.16%	8.20%
Unfunded Liability Payment	\$20,070	\$20,000

Benefit Assumptions Used

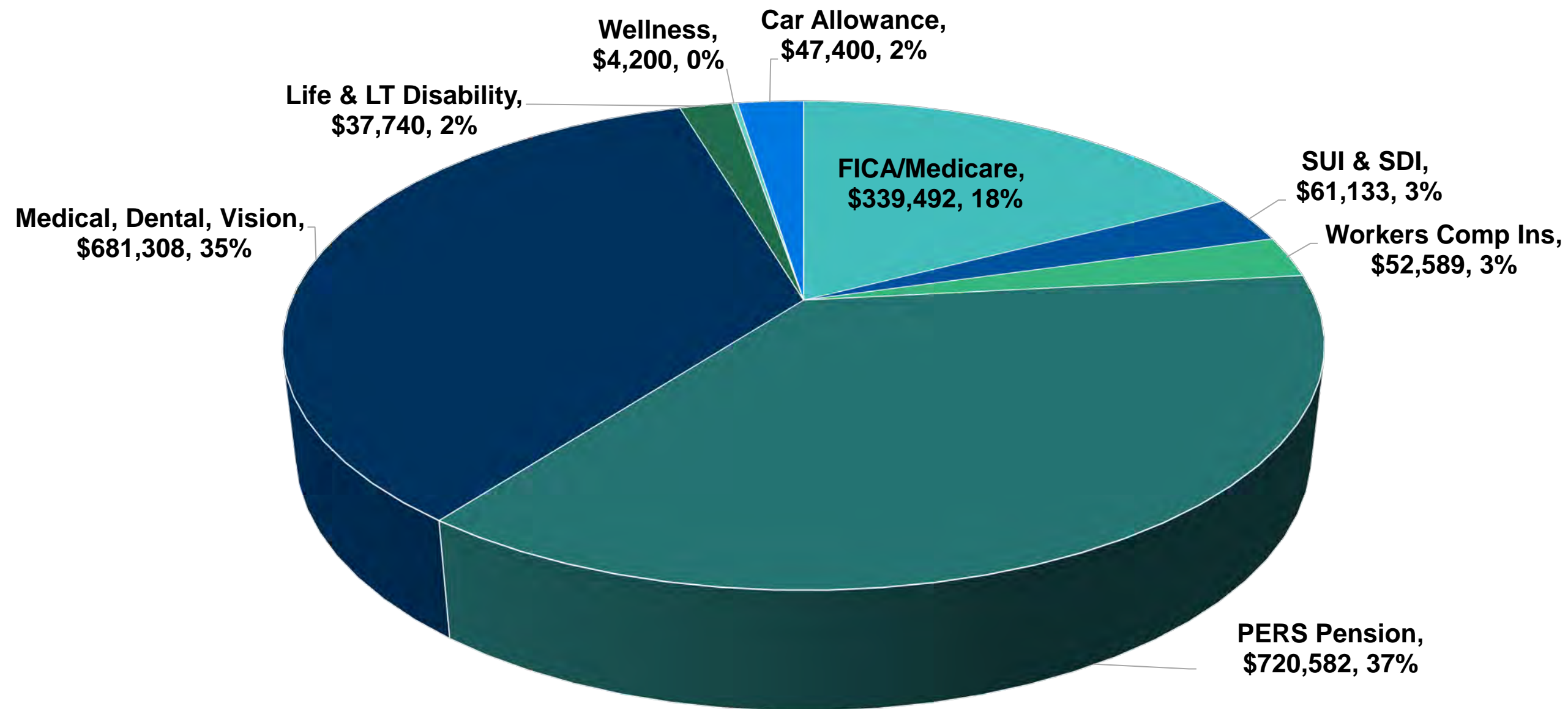
- **PERS Unfunded Liability as of 06/30/2024**
 - **\$3,104,092**
- **Outstanding OPEB Liability as of 06/30/2024**
 - **\$369,212 (Asset)**
- **GASB 45/75 Compliance (3.5 employees eligible)**
 - **FYE 2026 – \$98,066**
 - **Annual Required Contribution = \$11,117**
 - **Pay go Retiree Premiums (9.5) = \$86,949**
 - **FYE 2027 - \$114,228**
 - **Annual Required Contribution = \$12,000**
 - **Pay go Retiree Premiums (10) = \$102,228**
- **Health insurance cap based on the lowest cost plan**
 - **(Kaiser family) - \$2,170/month**
 - **5% increase FYE 2026**
 - **4% increase FYE 2027**

Total Payroll & Benefit Costs

FYE	Benefits	Payroll	Total	FTE
2022	\$1,257,561	\$3,325,579	\$4,583,140	26
2023	1,424,981	4,005,652	5,430,633	26
2024	1,346,541	4,022,439	5,368,980	26
2025	1,609,040	4,416,449	6,025,489	26
2026	1,944,444	4,829,649	6,774,093	26
2027	2,127,902	5,244,232	7,372,134	26

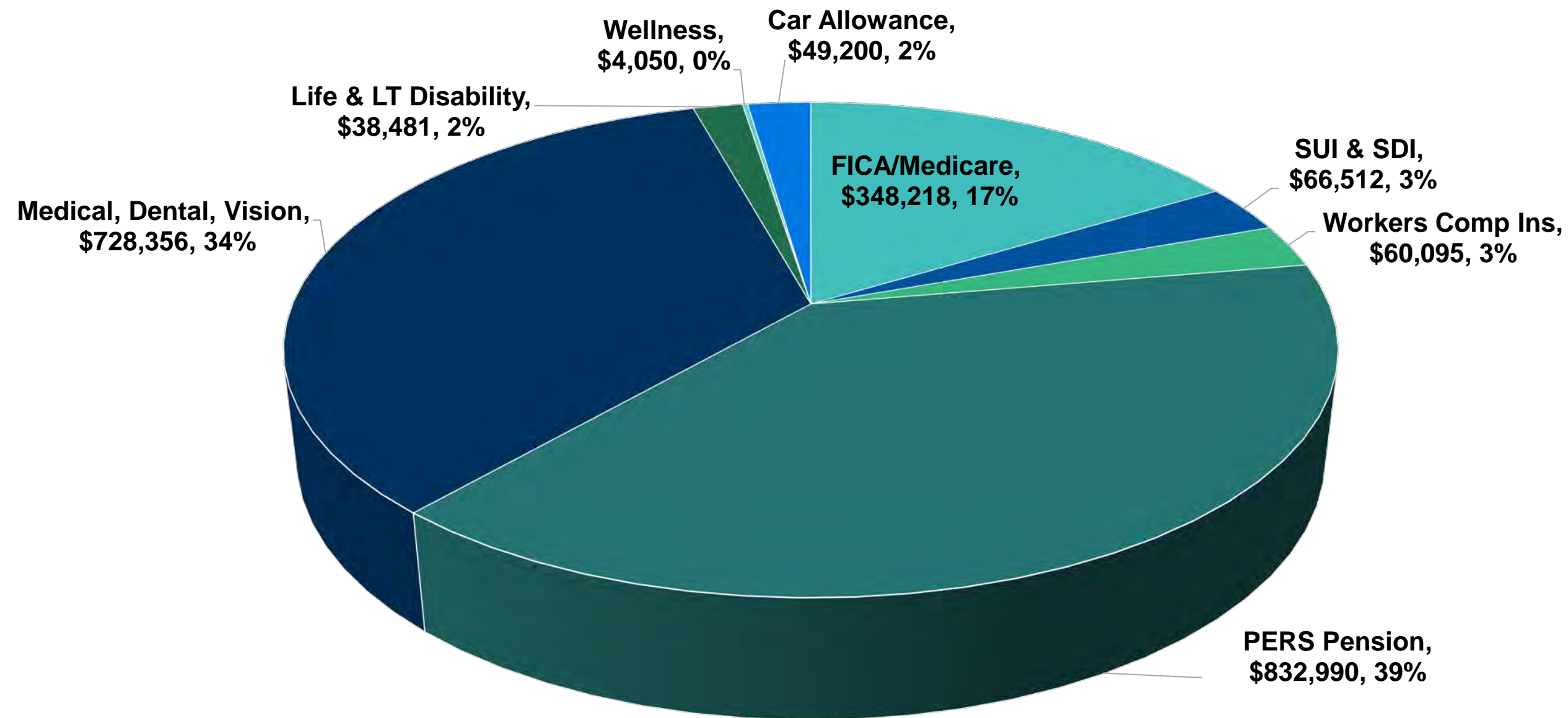
Benefit Costs FYE 2026

Total Benefits \$1,944,444



Benefit Costs FYE 2027

Total Benefits \$2,127,902



Benefit & Indirect Cost Allocation Rates

FYE	Benefits	Indirect Cost	Total
2022	0.378	1.615	1.993
2023	0.356	1.684	2.040
2024	0.335	1.701	2.036
2025	0.364	1.636	2.000
2026	0.403	1.700	2.103
2027	0.406	1.757	2.163

Total Member Contributions per Agency

(not including Roundtable Contributions)

Activity	Actual FYE 2025	Budget FYE 2026	Budget FYE 2027
General Planning	\$80,000	\$100,000	\$100,000
USBR Partnership Studies	4,000	4,000	4,000
Watershed Management (OWOW)	80,000	100,000	100,000
ICARP	0	8,000	0
PFAS Study	110,000	90,000	80,000
Cloud Seeding	31,700	0	34,000
SA River Fish Conservation	2,000	4,000	4,000
LESJWA Management	2,000	2,000	2,000
State Outreach	43,050	46,680	50,247
Federal Outreach	4,532	0	0
General Fund	95,000	100,000	110,000
Total Agency Contribution	\$452,282	\$454,680	\$484,247

0.53%

6.5%

Questions?

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