



**QUANTIFICATION SETTLEMENT AGREEMENT  
JOINT POWERS AUTHORITY  
REGULAR MEETING**

**AGENDA**

**WEBINAR/CONFERENCE CALL**

**June 14, 2024**

**1:00 PM**

**Webinar link:** [Click here to join the meeting](#)

**Conference Call Number:** (858) 284-4608 **Conference ID Number:** 310 092 258#

**Conference Call Locations:**

San Diego County Water Authority  
Lobby Conference Room  
4677 Overland Avenue  
San Diego, CA 92123

Coachella Valley Water District  
Administration Conference Room  
75-515 Hovley Lane East  
Palm Desert, CA 92211

Imperial Irrigation District  
Library, J-1 Building  
333 East Barioni Boulevard  
Imperial, CA 92251

Best, Best, & Krieger  
3390 University Avenue, 5th Floor  
Riverside, CA 92501

California Department of Fish and Wildlife  
78078 Country Club Drive, Suite 109  
Bermuda Dunes, CA 92203

**PRELIMINARY MATTERS**

1. Call to Order
2. Roll Call - Determination of Quorum
3. Public Comment - Opportunity for members of the public who wish to address the Authority on matters within the Authority's jurisdiction

**ORGANIZATIONAL MATTERS**

4. Action: Approve minutes of regular QSA JPA meeting held March 21, 2024 (Alexi Schnell, SDCWA)

**FINANCIAL MATTERS**

5. Information: Treasurer's Report ending March 31, 2024 (Alan Okewole, SDCWA)
6. Information: Financial Report ending March 31, 2024 (Chris Woidzik, SDCWA)
7. Action: Review and consider approval of QSA JPA Fiscal Year 2025 Budget and Work Plan (Alexi Schnell, SDCWA and Jessica Humes, IID)

**NOTE:** All items identified as information, discussion, or action items on the agenda may be deliberated by and become subject to consideration and alternative action by the QSA Joint Powers Authority. This meeting may be recorded.

## **IMPLEMENTATION**

8. Information: Status report on implementation of mitigation measures (Jessica Humes, IID)
9. Information: Update on State Salton Sea Management Program (Miguel Hernández, CNRA)
10. Adjourn



**QUANTIFICATION SETTLEMENT AGREEMENT  
JOINT POWERS AUTHORITY  
VIRTUAL MEETING MINUTES  
March 21, 2024, at 2:30 p.m.**

**Commissioners and Alternates present:**

Tonya Marshall, California Department of Fish and Wildlife (CDFW) – Chair  
Tina Shields, Imperial Irrigation District (IID) – Commissioner  
Jamie Asbury, Imperial Irrigation District (IID) – Alternate Commissioner  
Robert Cheng, Coachella Valley Water District (CVWD) – Alternate Commissioner  
Alexi Schnell, San Diego County Water Authority (SDCWA) – Alternate Commissioner

**QSA JPA staff present:**

Jeff Ferre, Best, Best, and Krieger – Legal Counsel  
Alexi Schnell, SDCWA – Chief Administrative Officer (CAO)

**Others present:**

Jessica Schroeder, CDFW	Jessica Humes, IID
Miguel Hernández, California Natural Resources Agency (CNRA)	Cindy Matejovsky, IID
Carrie Scott, CVWD	Michael Cohen, Pacific Institute
Karla Romero, CVWD	Dennis Davis, SDCWA
Petya Vasileva, CVWD	Deborah Hodgins, SDCWA
Shannon Ayala, Davis Farr	Wendy Joplin, SDCWA
Joanna Hoff, IID	Chris Woidzik, SDCWA

**PRELIMINARY MATTERS**

1. Call to Order  
Chair Marshall called the meeting to order at 2:30 p.m.
2. Roll Call  
There was a quorum of the Commission present at the time of the meeting.
3. Public Comment  
There were no public comments at that time.

## ORGANIZATIONAL MATTERS

4. Action: Approve minutes of regular QSA JPA meeting held January 18, 2024 (Alexi Schnell, SDCWA)  
Commissioner Shields made a motion to approve the minutes, which was seconded by Alternate Commissioner Cheng. The minutes were approved unanimously by a roll call vote.
5. Information: Annual Conflict of Interest Form 700 filings due April 2 (Alexi Schnell, SDCWA)  
Alternate Commissioner Schnell reminded the Commissioners of the upcoming due date for their annual Form 700 filings and requested that they submit their form with a wet signature to her by March 25, 2024.

## FINANCIAL MATTERS

6. Information: Fiscal Year 2024 Audit Engagement (Chris Woidzik, SDCWA and Shannon Ayala, Davis Farr)  
Mr. Woidzik provided a timeline of key audit dates and then introduced auditor Shannon Ayala from Davis Farr, LLP to update the Commission. Ms. Ayala reviewed the Audit Engagement Letter and the SAS 114 Planning Letter. Ms. Ayala explained that the scope of the audit is to express an opinion as to whether the financial statements and disclosures are free of material misstatement, evaluate internal controls and the risk of material misstatement attributable to those, and indicate whether there is compliance with applicable laws and regulations, contracts, and agreements. She explained the SAS 114 Planning Letter expressed two-way communications about fraud and fraud risk, as well as the planned scope and timing of the audit.  
  
Alternate Commissioner Cheng asked how long Davis Farr has been engaged with the QSA JPA and about the terms of the current contract.  
  
Ms. Ayala responded that Davis Farr has been the QSA JPA auditor for approximately seven years and that Davis Farr recently renewed a contract with the QSA JPA. Under the duration of the current contract, Ms. Ayala will reach her sixth year as the audit partner managing the QSA JPA audit engagement. Consistent with state law, another Davis Farr representative will take over as audit partner for Ms. Ayala once she reaches her sixth year as the audit partner.  
  
Mr. Woidzik added that Davis Farr's contract was renewed following a standard procurement process in 2023. The Water Authority issued a Request for Proposals (RFP) for audit services for both the QSA JPA and the SDCWA. Only two firms submitted proposals, one of which was Davis Farr. He commented that the low number of responses was likely due to a combination of staffing issues at auditing firms and lack of capacity for firms to take on new clients.
7. Information: Treasurer's Report ending December 31, 2023 (Chris Woidzik, SDCWA)  
Mr. Woidzik provided a review of the Treasurer's Report ending December 31, 2023. The quarter ended with \$81.1 million in cash and investments. Approximately \$64.5 million of that amount was managed by Chandler Asset Management. The effective rate of return for the portfolio was 3.21%, and the interest received (fiscal year (FY) to date) was \$1.3 million. Three invoices were paid during the last quarter totaling approximately \$2.2 million. Mr. Woidzik concluded with an overview of the maturity distribution of QSA JPA investments.

8. Information: Financial Report ending December 31, 2023 (Chris Woidzik, SDCWA)

Mr. Woidzik provided a review of the Financial Report ending December 31, 2023. Total assets were \$81.5 million with \$2 million in liabilities. The total revenues were \$9.4 million, and total expenditures were \$3.7 million. Approximately 31% of the FY 2024 budget was spent through this period. Mr. Woidzik concluded with a summary of expenses on Tasks 2, 8, and 24, as included in the Budget Status Report.

Alternate Commissioner Cheng asked if the QSA JPA's investment policy aligns with the SDCWA's investment policy, and how often is the policy updated. Further, he asked if the scope of the audit services provided for the QSA JPA covers compliance with the investment policy. Alternate Commissioner Cheng also asked if more detail could be provided on the status of Task 24 expenses.

Mr. Woidzik responded that the QSA JPA investment policy does align with the SDCWA's policy and that the investment policy is reviewed and revised annually to ensure consistency with state regulations. SDCWA staff also receive guidance from the QSA JPA investment advisor, Chandler Assessment Management, to ensure the investment strategy is in sync with the investment policy. Mr. Woidzik noted that to address the question about auditing of investment policy compliance, he will reach out to Shannon Ayala from Davis Farr after the meeting for her input.

Alternate Commissioner Schnell noted that QSA JPA staff would provide Ms. Ayala's answer once received.

## IMPLEMENTATION

9. Information: Status report on implementation of mitigation measures (Jessica Humes, IID)

Ms. Humes provided an update on various mitigation measures:

*Task 8 – Drain Habitat (Aquatic) – Managed Marsh Complex:* IID retrieved 80 native trees from the Joshua Tree National Parks Nursery that were planted in the west buffer zone of Phase 3. The trees were grown for another SDCWA mitigation project but were ultimately not needed and provided by the SDCWA to IID at no charge for this mitigation project. Separately, 7,000 trees will be delivered in April to be planted by a conservation crew and IID staff. IID also reported that it had three staff members attend marsh bird training last week to prepare for annual marsh bird surveys, which started in March and will be conducted through May.

*Task 15 – Pre-Construction Activity Burrowing Owl Surveys and Relocation:* IID staff are working with operators to make sure they know where all burrows are located. All IID water department staff are completing annual burrowing owl avoidance training, which includes an approximately 15-minute training video.

*Task 18 – Desert Pupfish Abundance and Distribution Study:* IID reported that its presence/absence surveys will start in April. IID is finishing a site characterization of each IID drain that connects to the Salton Sea.

*Task 24 – Salton Sea Air Quality Mitigation:* IID presented its major work authorization for the Clubhouse vegetation project to its board. Project cost came in at approximately \$2.86 million and work will begin as soon as a notice to proceed is issued. Work will include seabed preparation, procurement and installation of an irrigation system, and procurement and installation of a waterless dust control and stormwater erosion control system. The vegetation project will use one deep groundwater well and three shallow groundwater wells that were installed on the project site and issued a conditional use permit in early 2024. Project design and environmental review are ongoing for IID's Bombay Beach vegetation projects. Three shallow groundwater wells are installed at the site. The only work remaining is the installation of solar panels and a 30-day pump

test. Work on IID's piezometer project was scheduled to start in March but has been delayed by the Imperial County permit process. Work is now expected to start in May. IID's annual emissions estimate and proactive dust control plans are currently being reviewed by the Imperial County Air Pollution Control District. IID staff plans to take the final documents to its board in April.

Ms. Humes also noted that the Habitat Conservation Plan Implementation Team (HCP IT) met in March to review the draft QSA JPA FY 2025 budget, and she is revising the draft budget based on initial feedback received. She will also add budget numbers from SDCWA staff related to administrative JPA tasks. Another meeting will be held in April to review the revised draft budget with a goal of having a final draft budget no later than early May. In response to Alternate Commissioner Cheng's request for more detail on Task 24 expenses, Ms. Humes noted that the payment of the combined January and February invoice would bring the total year-to-date cost for Task 24 to approximately \$4 million.

Alternate Commissioner Cheng asked if there was a preferred alternative for air quality improvement projects around the Salton Sea and what is IID's plan if current air quality improvement projects do not address air quality mitigation requirements.

Ms. Humes responded that air quality improvements are site specific and would depend on the soil characteristics of the site. On a clay-heavy site, the preferred method would be surface roughening, and gravel is usually the last method considered because of the cost. Ms. Humes also noted that the annual emissions monitoring provides an opportunity to check the effectiveness of current projects and determine if augmentation is needed to help a project meet air quality mitigation requirements.

10. Information: Update on State Salton Sea Management Program (Miguel Hernández, CNRA)  
Miguel Hernández, Public Affairs Officer for the SSMP at CNRA, provided the SSMP Update. Mr. Hernández reported the following items to the Commission:

*SSMP and Community Needs Report:* The SSMP finalized a public draft of its Community Needs report, which was distributed for a public comment period that ended on March 26. Several community meetings were held during the comment period to let the public know about this document and to provide additional opportunities to review and provide input. The meetings were well attended, and ideas for how the SSMP could increase community engagement were suggested by meeting participants.

*Salton Sea Long-Range Plan:* The SSMP team released the final Salton Sea Long-Range Plan (LRP) in March, which was developed in coordination with multiple entities and community members, including tribal partners and regional agencies. The focus of the LRP is a feasibility study conducted in partnership with the U.S. Army Corps of Engineers (USACE). The feasibility study will evaluate restoration concepts identified in the Long-Range Plan. The USACE study team plans to refine and build upon the LRP concepts to align with USACE policy and procedures, and then apply their standard planning process as required by federal regulation. This process will eventually result in a final strategy for long-term restoration of the Salton Sea.

*Salton Sea Monitoring Implementation Plan Annual Work Plan:* In February, the SSMP team released the Salton Sea Monitoring Implementation Plan Annual Work Plan (Work Plan), a collaborative effort among several entities, most of which are SSMP partners, to document the annually planned monitoring work done by implementing partners that needs to be conducted near the Salton Sea. The plan is intended to promote collaboration among partners and leverage the collective expertise and investments of partner agencies and the larger science community.

*SSMP Project Tracker:* The project tracker interactive map went live on the SSMP website in March and shows all SSMP projects in progress at the Salton Sea, as well as potential future

projects under consideration by the SSMP team. Users can select a project to learn the status of the project, the lead implementing agency, and more. Links to project fact sheets, that are updated frequently, are also provided for each project.

*SSMP Annual Report:* The SSMP team released the annual report in March, which was prepared for and submitted to the State Water Resources Control Board (Water Board) per a water order issued by the Water Board. A workshop will be held on May 22 in Sacramento with the Water Board to report on the annual plan. The report summarizes the progress made at the Salton Sea in 2023 and highlights the next steps to be accomplished in 2024. The SSMP team is planning to schedule a community meeting in May to provide a high-level overview of the annual report.

11. Adjournment

Before the meeting was adjourned, Alternate Commissioner Schnell informed meeting attendees that QSA JPA staff are working to schedule the next meeting date in June 2024. The meeting will be scheduled for 90 minutes to facilitate review of the FY 2025 QSA JPA budget.

The meeting was adjourned at 3:15 p.m.

**Quantification Settlement Agreement**  
**Joint Powers Authority**  
**Treasurer's Report**  
**at March 31, 2024**

<b><u>Investment Type</u></b>	<b><u>% Limit</u></b>	<b><u>% of Portfolio</u></b>	<b><u>Book Value</u></b>
CA Asset Mgmt Program (CAMP)	25%	13.52%	\$ 10,792,294.17
Treasury Securities	100%	31.05%	24,779,545.53
Federal Agency Securities	100%	23.62%	18,852,230.00
Medium Term Notes	30%	18.03%	14,391,041.41
Supranationals	15%	1.32%	1,050,626.00
Commercial Paper	30%	0.00%	-
Local Agency Investment Fund (LAIF)	\$75M - Maximum	6.52%	5,205,372.20
Asset-Backed Securities and Collateralized Mortgage Obligations	20%	5.10%	4,070,778.45
Chandler Managed Account (BNY)	100%	0.82%	651,331.94
CEO Account (Wells Fargo)	100%	0.01%	10,358.33
Total Cash and Investments		100.00%	\$ 79,803,578.03

Effective Rate of Return 3.36%

**Interest Earnings (Cash and Investments):**

Fiscal Year to Date (excluding FMV adjustments) \$ 2,008,548.95

Average Term 742

Average Days to Maturity (730 Days Maximum) 477



**Lisa Marie Harris, Treasurer**



**Quantification Settlement Agreement**  
**Joint Powers Authority**  
**Treasurer's Report**  
**at March 31, 2024**

**Deposit & Invoice Activity:**

<u>Date</u>	<u>Description</u>	<u>Deposits</u>	<u>Invoices</u>
<b>Total Fiscal Year 6/30/2004</b>		<b>\$ 4,387,846.00</b>	<b>\$ -</b>
<b>Total Fiscal Year 6/30/2005</b>		<b>\$ 1,758,945.00</b>	<b>\$ (1,959,440.28)</b>
<b>Total Fiscal Year 6/30/2006</b>		<b>\$ 2,161,019.83</b>	<b>\$ (4,555,061.94)</b>
<b>Total Fiscal Year 6/30/2007</b>		<b>\$ 2,347,672.00</b>	<b>\$ (2,938,474.58)</b>
<b>Total Fiscal Year 6/30/2008</b>		<b>\$ 11,644,612.84</b>	<b>\$ (5,779,276.79)</b>
<b>Total Fiscal Year 6/30/2009</b>		<b>\$ 6,870,567.00</b>	<b>\$ (8,251,293.97)</b>
<b>Total Fiscal Year 6/30/2010</b>		<b>\$ 14,545,715.00</b>	<b>\$ (9,061,269.71)</b>
<b>Total Fiscal Year 6/30/2011</b>		<b>\$ 5,849,675.00</b>	<b>\$ (5,944,418.65)</b>
<b>Total Fiscal Year 6/30/2012</b>		<b>\$ 6,585,384.00</b>	<b>\$ (1,851,265.44)</b>
<b>Total Fiscal Year 6/30/2013</b>		<b>\$ 7,497,513.00</b>	<b>\$ (4,335,543.28)</b>
<b>Total Fiscal Year 6/30/2014</b>		<b>\$ 10,699,074.00</b>	<b>\$ (10,987,218.93)</b>
<b>Total Fiscal Year 6/30/2015</b>		<b>\$ 17,331,735.00</b>	<b>\$ (14,361,492.54)</b>
<b>Total Fiscal Year 6/30/2016</b>		<b>\$ 15,222,157.00</b>	<b>\$ (22,997,264.03)</b>
<b>Total Fiscal Year 6/30/2017</b>		<b>\$ 29,162,833.00</b>	<b>\$ (21,104,845.03)</b>
<b>Total Fiscal Year 6/30/2018</b>		<b>\$ 18,183,882.00</b>	<b>\$ (16,428,573.00)</b>
<b>Total Fiscal Year 6/30/2019</b>		<b>\$ 20,121,404.00</b>	<b>\$ (5,447,961.38)</b>
<b>Total Fiscal Year 6/30/2020</b>		<b>\$ 11,654,013.00</b>	<b>\$ (8,417,595.87)</b>
<b>Total Fiscal Year 6/30/2021</b>		<b>\$ 5,366,051.00</b>	<b>\$ (18,469,059.88)</b>
<b>Total Fiscal Year 6/30/2022</b>		<b>\$ 10,884,302.00</b>	<b>\$ (6,598,421.27)</b>
<b>Total Fiscal Year 6/30/2023</b>		<b>\$ 52,682,997.04</b>	<b>\$ (14,471,975.65)</b>
07/03/2023	SDCWA Balance Payoff	\$ 3,328,284.17	
07/03/2023	Coachella Balance Payoff	\$ 3,285,204.12	
07/06/2023	Mitigation # 1201		\$ (193,147.29)
07/26/2023	Mitigation # 1202		\$ (492,647.44)
08/24/2023	Mitigation # 1203		\$ (219,235.31)
09/22/2023	Mitigation # 1204		\$ (455,814.45)
10/26/2023	Mitigation # 1205		\$ (1,436,370.61)
12/06/2023	Mitigation # 1206		\$ (222,792.77)
12/29/2023	Mitigation # 1207		\$ (509,368.20)
01/26/2024	Mitigation # 1208		\$ (586,188.17)
03/21/2024	Mitigation # 1209		\$ (1,460,150.49)
<b>Total Fiscal Year 6/30/2024</b>		<b>\$ 6,613,488.29</b>	<b>\$ (5,575,714.73)</b>
Totals to date:		<u>\$ 261,570,886.00</u>	<u>\$ (189,536,166.95)</u>

## PORTFOLIO SUMMARY



QSA JPA | Account #10763 | As of March 31, 2024

### Portfolio Characteristics

Average Modified Duration	1.85
Average Coupon	3.20%
Average Purchase YTM	3.98%
Average Market YTM	4.87%
Average Quality	AA+
Average Final Maturity	2.02
Average Life	2.00

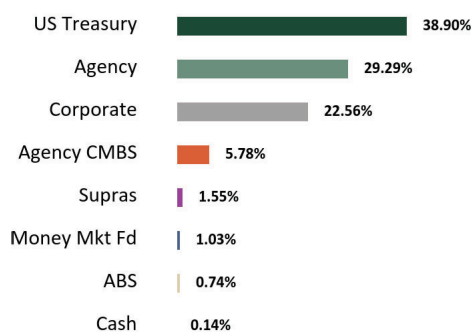
### Account Summary

	Beg. Values as of 03/01/2024	End Values as of 03/31/2024
Market Value	63,214,143.50	63,501,091.87
Accrued Interest	492,650.84	446,118.79
<b>Total Market Value</b>	<b>63,706,794.33</b>	<b>63,947,210.66</b>
Income Earned	164,239.06	86,364.75
Cont/WD	(1,327,680.07)	(2,679.10)
Par	64,754,620.44	64,970,093.44
Book Value	63,635,211.18	63,841,029.95
Cost Value	63,635,211.18	63,841,029.95

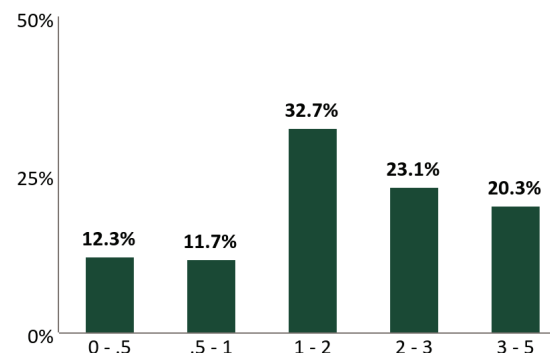
### Top Issuers

United States	30.83%
Farm Credit System	12.89%
Federal Home Loan Banks	10.82%
FHLMC	8.40%
United States Department of The Trea	8.07%
FNMA	2.98%
Duke Energy Corporation	1.22%
The Toronto-Dominion Bank	1.22%

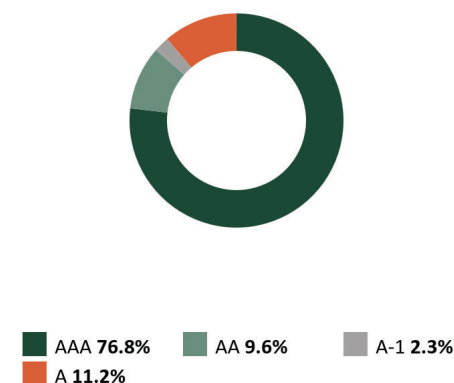
### Sector Allocation



### Maturity Distribution



### Credit Quality



\*See Footnote

### Performance Review

Total Rate of Return	1M	3M	YTD	1YR	2YRS	3YRS	5YRS	10YRS	Since Inception (06/01/20)
QSA JPA	0.38%	0.47%	0.47%	4.33%	2.21%	0.36%	--	--	0.28%
Benchmark Return*	0.36%	(0.01%)	(0.01%)	2.45%	1.02%	(0.58%)	--	--	(0.53%)

\*Periods over 1 year are annualized.

Benchmark: ICE BofA 1-5 Year Unsubordinated US Treasury & Agency Index Secondary Benchmark:  
The credit quality is a weighted average calculation of the highest of S&P, Moody's' and Fitch

Execution Time: 04/11/2024 10:39:13 AM

Chandler Asset Management | info@chandlerasset.com | www.chandlerasset.com | 800.317.4747

CONFIDENTIAL | 2

QSA JPA - Fiscal Year 2024  
Portfolio Management  
Portfolio Summary  
March 31, 2024

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	16,648,998.31	16,648,998.31	16,648,998.31	20.86	1	1	5.003	5.073
Passbook/Checking Accounts	10,358.33	10,358.33	10,358.33	0.01	1	1	0.000	0.000
Medium Term Notes	14,600,000.00	14,328,688.36	14,391,041.41	18.03	1,264	834	4.236	4.294
Federal Agency - Coupon	18,900,000.00	18,597,538.00	18,852,230.00	23.62	1,107	556	3.505	3.554
Treasury - Coupon	23,900,000.00	23,268,741.86	23,352,985.95	29.26	1,245	806	3.718	3.769
Treasury - Discount	1,500,000.00	1,472,412.81	1,426,559.58	1.79	344	129	5.409	5.484
Supranationals	1,050,000.00	983,606.00	1,050,626.00	1.32	1,770	580	0.615	0.624
Asset Backed Securities	4,277,556.53	4,142,308.11	4,070,778.45	5.10	1,452	1,203	4.884	4.952
	80,886,913.17	79,452,651.78	79,803,578.03	100.00%	957	589	4.078	4.134
Investments								

Total Earnings	March 31	Month Ending	Fiscal Year To Date
Current Year		241,018.01	2,304,031.99
Average Daily Balance		80,622,550.60	81,761,862.21
Effective Rate of Return		3.52%	3.74%

QSA Joint Powers Authority,

QSA JPA - Fiscal Year 2024  
Portfolio Management  
Portfolio Details - Investments  
March 31, 2024

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Managed Pool Accounts												
SYS	2000	BNY Mellon			651,331.94	651,331.94	651,331.94	5.050		5.050	1	
SYS1001	1001	CAMP - QSA OPERATING			10,792,294.17	10,792,294.17	10,792,294.17	5.480	AAA	5.480	1	
SYS1000	1000	Local Agency Investment Fund			5,205,372.20	5,205,372.20	5,205,372.20	4.232		4.232	1	
Subtotal and Average			17,812,907.62		16,648,998.31	16,648,998.31	16,648,998.31			5.073	1	
Passbook/Checking Accounts												
SYS100	100	Wells Fargo Bank			10,358.33	10,358.33	10,358.33			0.000	1	
Subtotal and Average			57,552.19		10,358.33	10,358.33	10,358.33			0.000	1	
Medium Term Notes												
023135BX3	20048	Amazon		06/09/2021	250,000.00	230,747.50	250,235.00	1.000	AA-	0.980	771	05/12/2026
037833DT4	20005	Apple Inc		05/15/2020	125,000.00	119,663.75	125,710.00	1.125	AAA	1.006	405	05/11/2025
037833BG4	20087	Apple Inc		12/29/2022	250,000.00	244,832.50	242,172.50	3.200	AA+	4.607	407	05/13/2025
00440EAV9	20117	BNY Mellon		04/13/2023	500,000.00	483,215.00	487,780.00	3.350	A	4.200	762	05/03/2026
06051GFS3	20103	Bank of America		02/14/2023	350,000.00	344,414.00	342,982.50	3.875	A-	4.746	487	08/01/2025
06367WB85	20061	Bank of Montreal		09/25/2021	250,000.00	240,782.50	258,362.50	1.850	A-	1.054	395	05/01/2025
06368LGV2	22416	Bank of Montreal		10/26/2023	500,000.00	503,525.00	482,915.00	5.203	A-	6.123	1,401	02/01/2028
06406RBA4	20070	Bank of NY Mellon		01/26/2022	125,000.00	115,737.50	125,402.50	2.050	A	1.981	1,030	01/26/2027
06406RAN7	20104	Bank of NY Mellon		02/14/2023	250,000.00	240,410.00	233,207.50	1.600	A	4.863	388	04/24/2025
14913R2Y2	20086	CATERPILLAR FINL SERVICE		11/21/2022	400,000.00	398,668.00	400,112.00	4.900		4.889	291	01/17/2025
14913UAA8	20126	CATERPILLAR FINL SERVICE		06/12/2023	250,000.00	247,195.00	248,292.50	4.350	A	4.601	774	05/15/2026
808513BF1	20116	Charles Schwab Corp		03/10/2023	250,000.00	230,315.00	220,290.00	0.900	A	5.228	709	03/11/2026
17275RBR2	22426	Cisco Systems Inc		03/05/2024	750,000.00	755,529.38	754,359.38	4.850	AA-	4.744	1,792	02/26/2029
26442CAX2	22424	Duke Energy Carolinas		01/22/2024	800,000.00	779,129.11	784,625.11	3.950	A	4.570	1,689	11/15/2028
341081GR2	20125	Florida Power & light Co		05/25/2023	500,000.00	494,900.00	495,870.00	4.450	A	4.751	774	05/15/2026
437076BM3	20106	Home Depot		02/14/2023	500,000.00	482,050.00	477,595.00	3.000	A	4.551	730	04/01/2026
438516BW5	20015	Honeywell International		06/23/2020	250,000.00	247,007.50	265,285.00	2.300	A	0.768	136	08/15/2024
24422EVC0	20022	John Deere Owner Trust		06/30/2020	125,000.00	121,922.50	132,176.25	2.050	A	0.757	283	01/09/2025
24422EWB1	20082	John Deere Owner Trust		11/14/2022	250,000.00	242,895.00	234,740.00	2.125	A	4.948	340	03/07/2025
24422EWX3	20127	John Deere Owner Trust		06/12/2023	300,000.00	298,887.00	299,991.00	4.750		4.751	798	06/08/2026
46647PBK1	20049	JP MORGAN SECURITIES LLC		06/09/2021	150,000.00	144,510.00	155,842.50	2.083	A-	1.053	751	04/22/2026
46647PBH8	20114	JP MORGAN SECURITIES LLC		03/10/2023	250,000.00	241,625.00	231,995.00	2.005	A-	5.858	711	03/13/2026
61690U7W4	22419	Morgan Stanley Bank		11/02/2023	750,000.00	763,690.04	750,347.54	5.882		5.871	942	10/30/2026
594918BJ2	20098	Microsoft Corporation		01/27/2023	750,000.00	730,147.50	728,160.00	3.125	AAA	4.250	581	11/03/2025
63743HFC1	20084	NATIONAL RURAL UTIL COOP		11/14/2022	250,000.00	242,657.50	232,627.50	1.875	A-	5.214	312	02/07/2025
63743HFH0	20124	NATIONAL RURAL UTIL COOP		05/17/2023	500,000.00	494,280.00	502,110.00	4.450	A-1	4.282	711	03/13/2026
69371RS23	20115	Paccar Financial Corp		03/10/2023	500,000.00	498,885.00	496,310.00	4.950	A+	5.260	550	10/03/2025
713448FW3	22421	Pepsico Inc		11/15/2023	490,000.00	493,979.68	489,554.98	5.125		5.184	953	11/10/2026

QSA JPA - Fiscal Year 2024  
Portfolio Management  
Portfolio Details - Investments  
March 31, 2024

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Medium Term Notes												
713448FW3	22422	Pepsico Inc		11/15/2023	110,000.00	110,893.40	109,936.40	5.125		5.172	953	11/10/2026
74456QBU9	22417	Public Service Electric		10/26/2023	750,000.00	719,662.50	695,287.50	3.700	A	5.549	1,491	05/01/2028
747525AF0	20050	Qualcomm Inc		06/09/2021	250,000.00	245,315.00	274,905.00	3.450	A-	0.715	414	05/20/2025
78013XZU5	20001	RBC CAPITAL MARKETS		05/15/2020	125,000.00	123,915.00	130,016.25	2.550	A	1.552	106	07/16/2024
78015K7H1	20068	RBC CAPITAL MARKETS		12/28/2021	125,000.00	119,187.50	123,856.25	1.150	A	1.423	435	06/10/2025
78016FZT4	20096	RBC CAPITAL MARKETS		01/27/2023	250,000.00	249,035.00	251,292.50	4.875	A	4.685	651	01/12/2026
89236TJK2	20062	Toyota Auto Receivables		09/17/2021	250,000.00	229,987.50	249,850.00	1.125	AAA	1.034	808	06/18/2026
89236TKN4	20097	Toyota Auto Receivables		01/27/2023	500,000.00	497,750.00	501,710.00	4.800	A+	4.614	284	01/10/2025
89114QCA4	20024	Toronto Dominion Bank		06/30/2020	125,000.00	124,257.50	133,626.25	2.650	A	0.869	72	06/12/2024
89114TZD7	20052	Toronto Dominion Bank		06/17/2021	150,000.00	137,950.50	150,562.50	1.200	A	1.122	793	06/03/2026
89115A2U5	22418	Toronto Dominion Bank		10/26/2023	500,000.00	510,030.00	488,240.00	5.523	A	6.101	1,568	07/17/2028
87612EBM7	20071	Target Corp		01/26/2022	100,000.00	92,906.00	100,335.00	1.950	A	1.878	1,019	01/15/2027
91324PEN8	20085	UNITEDHEALTH GROUP INC		11/14/2022	250,000.00	250,282.50	250,522.50	5.150	A+	5.072	562	10/15/2025
92826CAD4	20105	Visa Inc		02/14/2023	500,000.00	485,915.00	481,850.00	3.150	AA-	4.528	622	12/14/2025
Subtotal and Average			14,492,642.05		14,600,000.00	14,328,688.36	14,391,041.41			4.294	834	
Federal Agency - Coupon												
3133ENZ37	20007	Federal Farm Credit Bank		11/10/2022	500,000.00	498,870.00	500,916.00	4.875	AA+	4.788	284	01/10/2025
3133ENPG9	20101	Federal Farm Credit Bank		02/13/2023	1,000,000.00	970,110.00	946,720.00	1.750	AA+	4.564	319	02/14/2025
3133EPCF0	20111	Federal Farm Credit Bank		03/09/2023	1,000,000.00	996,710.00	990,670.00	4.500	AA+	4.840	700	03/02/2026
3133EPCW3	20113	Federal Farm Credit Bank		03/10/2023	1,000,000.00	999,760.00	996,470.00	5.000	AA+	5.188	343	03/10/2025
3133EPHH1	20118	Federal Farm Credit Bank		05/01/2023	500,000.00	493,415.00	500,925.00	4.000	AA+	3.934	757	04/28/2026
3133EPJX4	20123	Federal Farm Credit Bank		05/17/2023	1,000,000.00	981,020.00	993,410.00	3.625	AA+	1.068	687	02/17/2026
3133EPNG6	20128	Federal Farm Credit Bank		06/26/2023	750,000.00	745,387.50	748,665.00	4.375	AA+	4.439	813	06/23/2026
3133EPPE9	22403	Federal Farm Credit Bank		08/30/2023	1,500,000.00	1,491,090.00	1,486,350.00	4.375	AA+	4.718	826	07/06/2026
3133EPC60	22420	Federal Farm Credit Bank		11/15/2023	1,000,000.00	1,005,920.00	992,300.00	4.625	AA+	4.839	1,323	11/15/2027
3130ATT31	20004	Federal Home Loan Bank		11/10/2022	500,000.00	498,065.00	497,315.00	4.500	AA+	4.800	185	10/03/2024
3133XVDG3	20008	Federal Home Loan Bank		11/10/2022	500,000.00	497,850.00	496,255.00	4.375	AA+	4.802	165	09/13/2024
3130A4CH3	20013	Federal Home Loan Bank		06/22/2020	500,000.00	487,260.00	543,535.00	2.375	AA+	0.509	347	03/14/2025
3130ATUR6	20090	Federal Home Loan Bank		01/26/2023	1,000,000.00	996,350.00	1,004,280.00	4.625	AA+	4.378	256	12/13/2024
3130ATVD6	20091	Federal Home Loan Bank		01/26/2023	500,000.00	498,775.00	502,665.00	4.875	AA+	4.532	165	09/13/2024
3130ATUC9	20100	Federal Home Loan Bank		02/13/2023	1,000,000.00	995,170.00	1,005,830.00	4.500	AA+	4.275	620	12/12/2025
3130ATVC8	20109	Federal Home Loan Bank		02/28/2023	700,000.00	699,286.00	697,480.00	4.875	AA+	5.154	74	06/14/2024
3130AWGR5	20129	Federal Home Loan Bank		06/30/2023	700,000.00	696,857.00	696,024.00	4.375	AA+	4.583	802	06/12/2026
3130AWBY5	22401	Federal Home Loan Bank		07/12/2023	500,000.00	499,115.00	497,695.00	4.750	AA+	5.001	438	06/13/2025
3130AWTQ3	22408	Federal Home Loan Bank		09/27/2023	1,000,000.00	999,550.00	990,150.00	4.625	AA+	4.983	893	09/11/2026
3137EAEPO	20002	Federal Home Loan Mtg Corp		05/14/2020	500,000.00	484,185.00	523,435.00	1.500	AA+	0.499	317	02/12/2025
3137EAEU9	20030	Federal Home Loan Mtg Corp		08/11/2020	500,000.00	471,575.00	500,035.00	0.375	AA+	0.373	476	07/21/2025

QSA JPA - Fiscal Year 2024  
Portfolio Management  
Portfolio Details - Investments  
March 31, 2024

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Federal Agency - Coupon												
3137EAEX3	20041	Federal Home Loan Mtg Corp		10/14/2020	250,000.00	234,147.50	249,067.50	0.375	AA+	0.451	540	09/23/2025
3137EAEX3	20051	Federal Home Loan Mtg Corp		06/16/2021	500,000.00	468,295.00	494,625.00	0.375	AA+	0.631	540	09/23/2025
3135G03U5	20003	Federal National Mtg Assn		05/14/2020	500,000.00	476,880.00	502,235.00	0.625	AA+	0.533	386	04/22/2025
3135G04Z3	20029	Federal National Mtg Assn		08/11/2020	500,000.00	473,915.00	502,750.00	0.500	AA+	0.385	442	06/17/2025
3135G05X7	20040	Federal National Mtg Assn		10/14/2020	250,000.00	234,827.50	249,155.00	0.375	AA+	0.445	511	08/25/2025
3135G06G3	20042	Federal National Mtg Assn		11/30/2020	250,000.00	233,497.50	250,012.50	0.500	AA+	0.499	585	11/07/2025
3135G05X7	20055	Federal National Mtg Assn		06/24/2021	500,000.00	469,655.00	493,260.00	0.375	AA+	0.704	511	08/25/2025
Subtotal and Average			19,080,124.53		18,900,000.00	18,597,538.00	18,852,230.00			3.554	556	
Treasury - Coupon												
9128282N9	20009	U.S. Treasury		05/29/2020	500,000.00	494,707.03	537,695.31	2.125	AA+	0.305	121	07/31/2024
9128282U3	20016	U.S. Treasury		11/10/2022	500,000.00	492,910.16	475,175.78	1.875	AA+	4.779	152	08/31/2024
9128285T3	20019	U.S. Treasury		11/10/2022	500,000.00	482,500.00	472,753.91	2.625	AA+	4.505	639	12/31/2025
912828ZL7	20025	U.S. Treasury		06/30/2020	500,000.00	475,839.85	502,285.16	0.375	AA+	0.280	394	04/30/2025
912828M56	20026	U.S. Treasury		11/10/2022	500,000.00	480,273.44	468,105.47	2.250	AA+	4.539	593	11/15/2025
912828X70	20035	U.S. Treasury		11/10/2022	500,000.00	498,515.63	480,058.59	2.000	AA+	4.839	29	04/30/2024
91282CBH3	20044	U.S. Treasury		02/19/2021	300,000.00	277,359.38	297,410.16	0.375	AA+	0.552	670	01/31/2026
91282CBC4	20045	U.S. Treasury		03/05/2021	250,000.00	231,865.24	246,230.47	0.375	AA+	0.693	639	12/31/2025
91282CBQ3	20046	U.S. Treasury		03/05/2021	250,000.00	231,074.22	247,343.75	0.500	AA+	0.717	698	02/28/2026
91282CBT7	20053	U.S. Treasury		06/21/2021	500,000.00	463,339.85	497,402.34	0.750	AA+	0.861	729	03/31/2026
91282CCF6	20057	U.S. Treasury		06/25/2021	400,000.00	368,437.50	397,312.50	0.750	AA+	0.890	790	05/31/2026
91282CCG4	20058	U.S. Treasury		06/25/2021	400,000.00	395,843.75	397,390.63	0.250	AA+	0.471	75	06/15/2024
91282CCP4	20060	U.S. Treasury		08/10/2021	400,000.00	365,343.75	396,656.25	0.625	AA+	0.800	851	07/31/2026
91282CCW9	20063	U.S. Treasury		09/16/2021	500,000.00	456,992.19	498,671.88	0.750	AA+	0.805	882	08/31/2026
91282CCZ2	20067	U.S. Treasury		11/02/2021	500,000.00	457,460.94	493,066.41	0.875	AA+	1.166	912	09/30/2026
91282CDG3	20069	U.S. Treasury		12/27/2021	400,000.00	367,343.75	397,468.75	1.125	AA+	1.260	943	10/31/2026
91282CER8	20079	U.S. Treasury		11/10/2022	500,000.00	497,539.07	482,851.56	2.500	AA+	4.815	60	05/31/2024
91282CEY3	20080	U.S. Treasury		11/10/2022	500,000.00	488,222.66	480,371.09	3.000	AA+	4.572	470	07/15/2025
91282CEY3	20092	U.S. Treasury		01/26/2023	500,000.00	488,222.66	488,437.50	3.000	AA+	3.992	470	07/15/2025
91282CGE5	20093	U.S. Treasury		01/26/2023	500,000.00	492,851.57	500,468.75	3.875	AA+	3.841	654	01/15/2026
912828G38	20095	U.S. Treasury		01/26/2023	1,000,000.00	981,796.88	965,703.13	2.250	AA+	4.246	228	11/15/2024
9128285C0	20102	U.S. Treasury		02/13/2023	1,000,000.00	973,789.06	968,515.63	3.000	AA+	4.279	547	09/30/2025
91282CGL9	20108	U.S. Treasury		02/15/2023	1,000,000.00	987,695.31	994,960.94	4.000	AA+	4.180	685	02/15/2026
91282CEK3	20112	U.S. Treasury		03/09/2023	1,000,000.00	997,382.81	968,750.00	2.500	AA+	5.350	29	04/30/2024
91282CFE6	22404	U.S. Treasury		08/30/2023	1,500,000.00	1,465,781.25	1,449,609.38	3.125	AA+	4.944	501	08/15/2025
91282CFH9	22407	U.S. Treasury		09/13/2023	1,000,000.00	960,625.00	948,359.38	3.125	AA+	4.563	1,247	08/31/2027
91282CEF4	22409	U.S. Treasury		09/27/2023	1,000,000.00	946,796.88	927,773.44	2.500	AA+	4.760	1,094	03/31/2027
91282CEW7	22410	U.S. Treasury		09/27/2023	1,000,000.00	965,859.38	949,140.63	3.250	AA+	4.742	1,185	06/30/2027

**QSA JPA - Fiscal Year 2024**  
**Portfolio Management**  
**Portfolio Details - Investments**  
**March 31, 2024**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
<b>Treasury - Coupon</b>												
91282CFM8	22411	U.S. Treasury		09/27/2023	1,000,000.00	992,265.63	978,203.13	4.125	AA+	4.728	1,277	09/30/2027
912828V98	22412	U.S. Treasury		09/27/2023	1,000,000.00	941,171.88	921,718.75	2.250	AA+	4.783	1,050	02/15/2027
91282CJA0	22413	U.S. Treasury		10/25/2023	1,500,000.00	1,526,418.43	1,491,848.11	4.625	AA+	4.822	1,643	09/30/2028
91282CJC6	22425	U.S. Treasury		03/04/2024	1,500,000.00	1,530,828.00	1,534,812.37	4.625		4.403	927	10/15/2026
91282CJW2	22427	U.S. Treasury		03/13/2024	1,500,000.00	1,491,688.71	1,496,434.80	4.000	AA+	4.159	1,766	01/31/2029
<b>Subtotal and Average</b>			<b>22,625,190.64</b>		<b>23,900,000.00</b>	<b>23,268,741.86</b>	<b>23,352,985.95</b>			<b>3.769</b>	<b>806</b>	
<b>Treasury - Discount</b>												
912797GK7	22405	U.S. Treasury		08/30/2023	1,500,000.00	1,472,412.81	1,426,559.58	5.124	A-1	5.484	129	08/08/2024
<b>Subtotal and Average</b>			<b>1,426,559.58</b>		<b>1,500,000.00</b>	<b>1,472,412.81</b>	<b>1,426,559.58</b>			<b>5.484</b>	<b>129</b>	
<b>Supranationals</b>												
4581X0DV7	20047	Inter-American Devel Bank		04/23/2021	300,000.00	277,761.00	299,826.00	0.875	AAA	0.887	749	04/20/2026
459058JB0	20012	Intl Bank Recon & Develop		06/08/2020	250,000.00	238,655.00	250,480.00	0.625	AAA	0.585	386	04/22/2025
459058JL8	20043	Intl Bank Recon & Develop		01/28/2021	500,000.00	467,190.00	500,320.00	0.500	AAA	0.486	575	10/28/2025
<b>Subtotal and Average</b>			<b>1,050,626.00</b>		<b>1,050,000.00</b>	<b>983,606.00</b>	<b>1,050,626.00</b>			<b>0.624</b>	<b>580</b>	
<b>Asset Backed Securities</b>												
02582JJV3	20081	AmEx Credit Acct Master Trust		11/14/2022	250,000.00	245,197.55	240,683.59	3.750		5.263	1,231	08/15/2027
3137BN6G4	20099	FreddieMac Structured Pass-Thr		01/30/2023	500,000.00	484,226.90	484,667.97	2.995		4.136	633	12/25/2025
3137BMTX4	20107	FreddieMac Structured Pass-Thr		02/15/2023	500,000.00	486,213.25	482,441.41	3.151		4.539	603	11/25/2025
3137FBBX3	22414	FreddieMac Structured Pass-Thr		10/27/2023	1,000,000.00	956,382.90	930,117.19	3.244		5.291	1,241	08/25/2027
3137FG6X8	22415	FreddieMac Structured Pass-Thr		10/27/2023	1,000,000.00	970,581.00	940,000.00	3.850		5.350	1,515	05/25/2028
3137FGR31	22423	FreddieMac Structured Pass-Thr		12/18/2023	800,000.00	776,228.00	774,156.25	3.854		4.650	1,546	06/25/2028
362585AC5	20083	GM Financial		11/14/2022	227,556.53	223,478.51	218,712.04	3.100	AAA	5.245	1,051	02/16/2027
<b>Subtotal and Average</b>			<b>4,076,947.99</b>		<b>4,277,556.53</b>	<b>4,142,308.11</b>	<b>4,070,778.45</b>			<b>4.952</b>	<b>1,203</b>	
<b>Total and Average</b>			<b>80,622,550.60</b>		<b>80,886,913.17</b>	<b>79,452,651.78</b>	<b>79,803,578.03</b>			<b>4.134</b>	<b>589</b>	

QSA JPA - Fiscal Year 2024  
Portfolio Management  
Portfolio Details - Cash  
March 31, 2024

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity
Average Balance			0.00								0
Total Cash and Investments			80,622,550.60		80,886,913.17	79,452,651.78	79,803,578.03			4.134	589



*Unaudited*  
**QUANTIFICATION SETTLEMENT AGREEMENT  
JOINT POWERS AUTHORITY**

**BALANCE SHEET  
GENERAL FUND  
MARCH 31, 2024**

**Assets:**

Cash	\$ 10,358
Investments	79,391,634
Interest receivable	<u>581,194</u>

<b>Total assets</b>	<b><u>\$ 79,983,186</u></b>
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**Liabilities:**

Accounts payable	<u>\$ 1,067,155</u>
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**Fund balance:**

Unassigned	<u>78,916,031</u>
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<b>Total liabilities, deferred inflows of resources, and fund balance</b>	<b><u>\$ 79,983,186</u></b>
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*Unaudited*  
**QUANTIFICATION SETTLEMENT AGREEMENT  
JOINT POWERS AUTHORITY**

**STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE  
GENERAL FUND  
FOR THE NINE MONTHS ENDED MARCH 31, 2024**

**Revenues:**

Interest income	\$ 3,313,562
Mitigation contributions	<u>6,613,488</u>

<b>Total revenues</b>	<b><u>9,927,050</u></b>
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**Expenditures:**

Environmental mitigation	4,718,871
Administrative	<u>20,836</u>

<b>Total expenditures</b>	<b><u>4,739,707</u></b>
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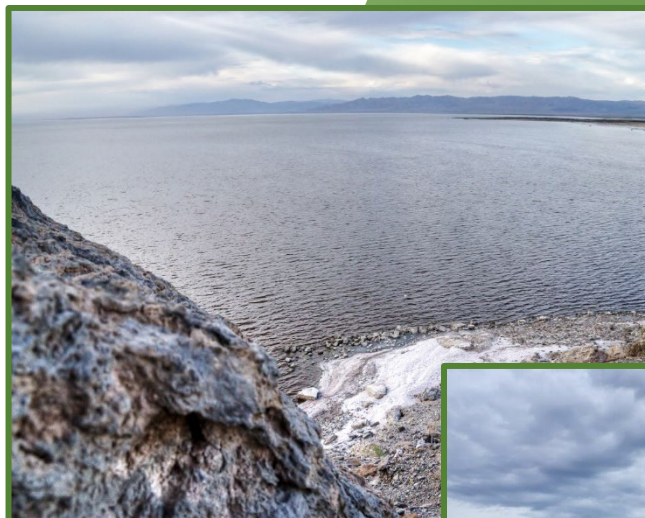
<b>Net changes in fund balance</b>	<b>5,187,343</b>
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<b>Fund balance at beginning of year</b>	<b><u>73,728,688</u></b>
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<b>Fund balance at end of year</b>	<b><u><u>\$ 78,916,031</u></u></b>
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**Unaudited****QUANTIFICATION SETTLEMENT AGREEMENT  
JOINT POWERS AUTHORITY****SUPPLEMENTARY INFORMATION - BUDGET STATUS REPORT  
FOR THE NINE MONTHS ENDED MARCH 31, 2024**

<b>Task No.</b>	<b>Mitigation Tasks</b>	<b>Amended FY 2024 Budget</b>	<b>Total Expenditures</b>	<b>Variance (Remaining)</b>	<b>Percent Complete</b>
1	QSA Implementation Team	\$ -	\$ -	\$ -	0.0%
2	QSA Implementation Team Biologists	1,355,620	942,305	413,315	69.5%
3	Environmental Reporting and Monitoring	-	-	-	0.0%
4	Salton Sea Salinity and Elevation Program	8,000	2,136	5,864	26.7%
5	Salton Sea Mitigation Water to Salton Sea	-	-	-	0.0%
6	Tamarisk Scrub Habitat - Surveys and Mitigation	61,810	16,447	45,363	26.6%
7	Drain Habitat - Initial Vegetation and Habitat Surveys	-	-	-	0.0%
8/8A/8B	Drain Habitat (Aquatic) - Create/Manage/Monitor "Managed Marsh" Areas	561,580	340,506	221,074	60.6%
9	Drain Habitat Restrictions/Requirements for Construction and Maintenance	-	-	-	0.0%
10/10A	Worker Education Program Covered Species Training and Manual	-	-	-	0.0%
11	Desert Habitat Survey and Mapping of Right of Way	-	-	-	0.0%
12	Desert Habitat Create/Maintain Desert Habitat	-	-	-	0.0%
13	Changes to Operations on IID Canals to Avoid Covered Species	-	-	-	0.0%
14	Burrowing Owl Worker Annual Education and Manual	-	-	-	0.0%
15	Pre-Construction Activity Burrowing Owl Surveys and Relocation	1,500	21	1,479	1.4%
16	Burrowing Owl Relative Abundance and Distribution Surveys	-	-	-	0.0%
17	Farmer and Public Education Program	5,000	1,827	3,173	36.5%
18	Desert Pupfish Abundance and Distribution Study	6,750	62	6,688	0.9%
19/19A	Pupfish Selenium Drain Studies	183,140	41,547	141,593	22.7%
20	Pupfish Construction and Maintenance Conservation Measures	100,000	10,668	89,332	10.7%
21	Salvage of Razorback Suckers when Dewatering Canals	-	-	-	0.0%
22	Maintain Habitat on Fallowed Parcels	-	-	-	0.0%
23	Covered Species Baseline and Monitoring Surveys	3,280	-	3,280	0.0%
24	Salton Sea Air Quality	9,613,060	3,360,187	6,252,873	35.0%
25	Minimize Dust Emissions from Fallowed Lands	-	-	-	0.0%
26	Drain Connectivity to Salton Sea Elevation Decrease	-	-	-	0.0%
27	Grade Spoil/Roads from Drain Maintenance	-	-	-	0.0%
28	Power Line Markers for Pumpback and Seepage Recovery Systems	-	-	-	0.0%
29	Prepare and Implement Management Plan for Abandoned Portions of AAC	-	-	-	0.0%
30	Southwestern Willow Flycatcher Surveys and Habitat Monitoring	-	-	-	0.0%
31	Elf Owl Surveys	-	-	-	0.0%
32	Desert Tortoise Survey and Avoidance	-	-	-	0.0%
33	Least Tern Surveys	-	-	-	0.0%
34	Rail and Bittern Surveys	-	-	-	0.0%
35	Management and Planning	-	-	-	0.0%
36	JPA Audit Fees	12,920	-	12,920	0.0%
37	JPA Bank Fees	11,090	118	10,972	1.1%
38	Financial Advisor	36,000	20,718	15,282	57.6%
39	Bond Counsel Fees	-	-	-	0.0%
40	2001 Biological Opinion Measures	-	-	-	0.0%
41	Brown Pelican Coast	-	-	-	0.0%
42	Brown Pelican Sea	55,920	-	55,920	0.0%
43	Salton Sea Shoreline Strand Study	-	-	-	0.0%
44	Pupfish Refugium	12,660	3,165	9,495	25.0%
45	Recreation Facilities at Salton Sea	-	-	-	0.0%
46	QSA JPA Website Maintenance Services	-	-	-	0.0%
<b>Total Expenditures</b>		<b>\$ 12,028,330</b>	<b>\$ 4,739,707</b>	<b>\$ 7,288,623</b>	<b>39.4%</b>



FY 2025



# QSA JPA Fiscal Year 2025 Budget & Work Plan

*Proposed June 14, 2024*

**Quantification Settlement Agreement Joint Powers Authority**

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4677 Overland Avenue, San Diego, CA 92123



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<b>APPENDIX 1: AUDITED HISTORICAL QSA JPA SPENDING, FY 2004 - FY 2023</b>	<b>A1</b>
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# QSA JPA FISCAL YEAR 2025 BUDGET

## SECTION 1: BACKGROUND

The Quantification Settlement Agreement Joint Powers Authority (QSA JPA) administers funding of environmental mitigation requirements related to the QSA water transfers. The QSA JPA collects, holds, invests, and disburses funds needed for the mitigation projects. The QSA JPA is comprised of designated representatives from the California Department of Fish and Wildlife (CDFW), Coachella Valley Water District (CVWD), Imperial Irrigation District (IID), and San Diego County Water Authority (Water Authority) that serve as Commissioners and staff.

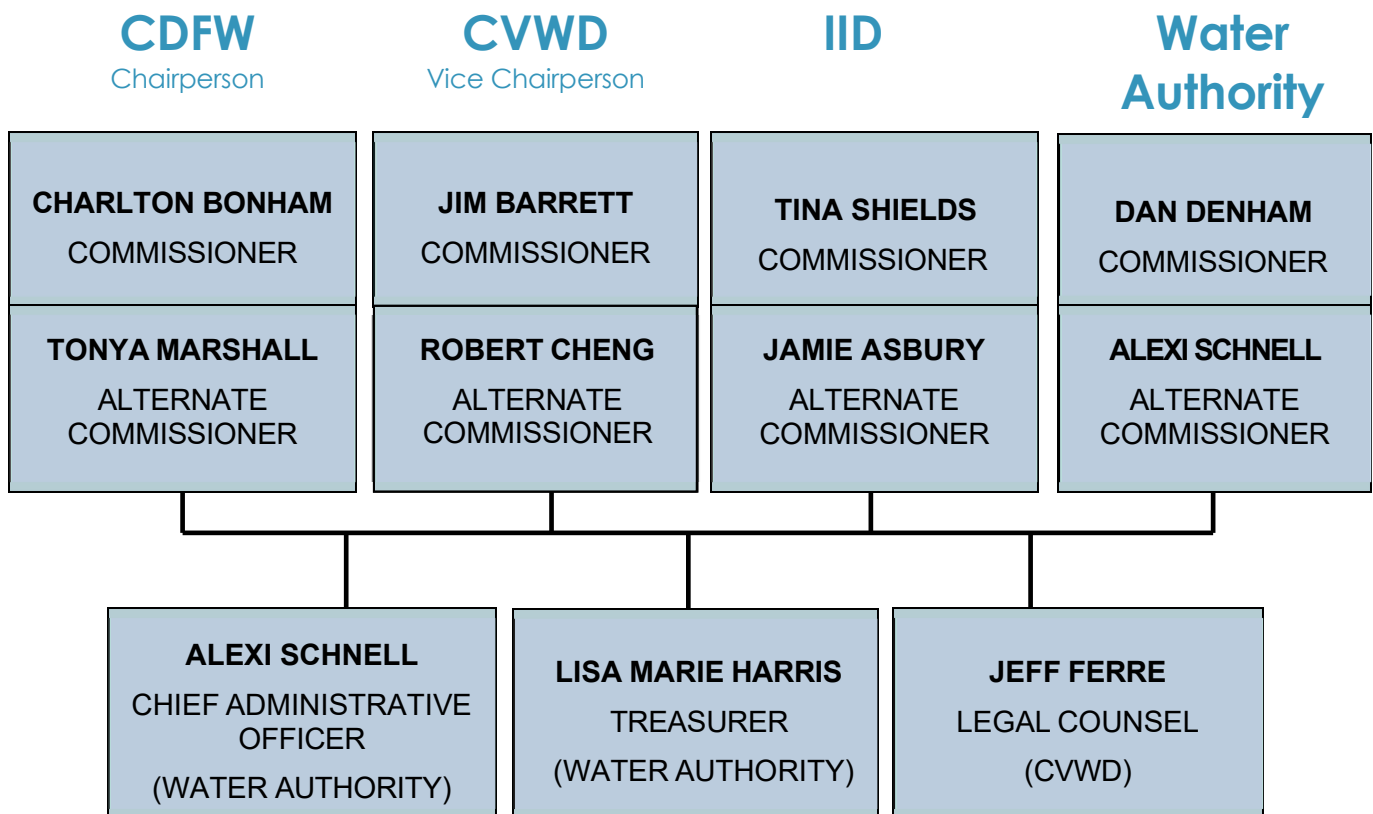


Figure 1. QSA JPA Organization Chart

CVWD, IID, and the Water Authority are required to provide up to \$133 million (in 2003 dollars) to pay for the QSA JPA mitigation program. Under the terms of the *Quantification Settlement Agreement Joint Powers Authority Creation and Funding Agreement* (JPA Agreement), the collective financial obligation of the water agencies is capped at \$133 million, and the State of California is responsible to pay for any QSA water transfer environmental mitigation costs that exceed \$133 million.

## SECTION 2: BUDGET OVERVIEW

The QSA JPA Commission adopts an annual budget for the payment of environmental costs for QSA conserved water transfer mitigation projects in the Imperial Valley. The budget is developed by IID in coordination with the QSA Implementation Team (IT), which consists of CDFW, IID, and the U.S. Fish and Wildlife Service (USFWS). The annual budget provides revenues generated from agency contributions and interest earnings to meet anticipated fiscal year (FY) mitigation expenditures. Mitigation projects are implemented by IID under direction from the IT. Specific mitigation measures are implemented per environmental permitting requirements and involve various timeframes for completion. Detailed QSA JPA annual spending through FY 2023 by mitigation task is provided in Appendix 1.

The JPA Agreement provides a schedule of annual agency contributions that are due on December 31 of each calendar year. As a means of managing cash flow requirements for future mitigation activities, the JPA Agreement permits agencies to adjust their payment schedules by rescheduling future payments from outer years to the near term. Under the *Modification of Payment Schedules Pursuant to the QSA JPA Agreement* (Advanced Funding Agreement), advanced payments by the agencies are due on July 1 and are discounted at six percent from the date of the scheduled payment to the date of the advance.

The QSA JPA has advanced payments from the original JPA Agreement payment schedules to cover expected environmental mitigation expenses. In 2007, the water agencies modified their payment schedules to advance \$13.2 million in FYs 2007 and 2008 to cover mitigation requirements through 2013. In 2015, the Board of Directors (BOD) of the individual water agencies authorized advanced payments to the QSA JPA totaling \$40.5 million, consisting of \$10 million from the Water Authority, \$5 million from CVWD, and \$25.5 million from IID, scheduled over six years beginning in FY 2016.

In 2022, IID's BOD authorized a payoff of \$48.5 million for its remaining payments to the QSA JPA, consistent with the JPA Agreement. The Water Authority and CVWD were looking at the option to pay off their respective financial obligations to the QSA JPA as well, resulting in the Commission's submittal of written notice to the state in January 2023, stating that it anticipated that the \$133 million environmental cost limitation would be exceeded within two years. Written notice is required pursuant to the JPA Agreement and provides the state with time to prepare to take over financial responsibility for any environmental mitigation costs in excess of \$133 million. The Water Authority and CVWD paid off their remaining financial obligations to the QSA JPA of \$3.33 million and \$3.29 million respectively, in July 2023.

## SECTION 3: REVIEW OF ACTIVITIES IN FY 2024 AND FY 2023

On June 15, 2023, the QSA JPA Commission adopted the FY 2024 budget in the amount of \$12,002,330. An amended FY 2024 budget of \$12,028,330 was later adopted on January 18, 2024, to fund increases to FY 2024 financial advisor and bank fees. Table 1 shows the FY 2024 budgeted and projected spending by mitigation task, based on approved invoice totals to date

and remaining fiscal year projections of IID expenditures. Major expenses in the FY 2024 budget include the Salton Sea Air Quality Mitigation Program (Task 24), the Managed Marsh Areas (Task 8), and the QSA IT Biologists (Task 2).

**Table 1. Detailed FY 2024 Projected Expenditures**

TASK	TASK DESCRIPTION	BUDGETED FY 2024	PROJECTED FY 2024	BUDGET SAVINGS
2	QSA Implementation Team Biologists	\$ 1,355,620	\$ 1,286,080	\$ (69,540)
4	Salton Sea Salinity and Elevation Program	\$ 8,000	\$ 4,330	\$ (3,670)
6	Tamarisk Scrub Habitat - Surveys and Mitigation	\$ 61,810	\$ 20,100	\$ (41,710)
8	Drain Habitat (Aquatic) - Create/Manage/Monitor "Managed Marsh" Areas	\$ 561,580	\$ 463,860	\$ (97,720)
15	Pre-Construction Activity Burrowing Owl Surveys and Relocation	\$ 1,500	\$ 30	\$ (1,470)
17	Farmer and Public Education Program	\$ 5,000	\$ 1,830	\$ (3,170)
18	Desert Pupfish Abundance and Distribution Study	\$ 6,750	\$ 80	\$ (6,670)
19/19A	Pupfish Selenium Drain Studies	\$ 183,140	\$ 90,390	\$ (92,750)
20	Pupfish Construction and Maintenance Conservation Measures	\$ 100,000	\$ 17,850	\$ (82,150)
23	Covered Species Baseline and Monitoring Surveys	\$ 3,280	\$ -	\$ (3,280)
24	Salton Sea Air Quality	\$ 9,613,060	\$ 5,876,360	\$ (3,736,700)
36	JPA Audit Fees	\$ 12,920	\$ 12,920	\$ -
37	JPA Bank Fees	\$ 11,090	\$ 11,090	\$ -
38	Financial Advisor	\$ 36,000	\$ 36,000	\$ -
42	Brown Pelican - Sea	\$ 55,920	\$ -	\$ (55,920)
44	Pupfish Refugium	\$ 12,660	\$ 4,700	\$ (7,960)
	<b>Total <sup>1</sup></b>	<b>\$ 12,028,330</b>	<b>\$ 7,825,620</b>	<b>\$ (4,202,710)</b>

The projected budget savings and delayed expenditures for FY 2024 of \$4,202,710 is mostly due to the deferral of items under the Salton Sea Air Quality Mitigation Program (Task 24).

Table 2 summarizes the FY 2024 budget projections.

**Table 2. FY 2024 Budget Summary <sup>2</sup>**

FY 2024 BUDGET	PROJECTED FY 2024 EXPENDITURES	PROJECTED FY 2024 SAVINGS/DELAYS
<b>\$ 12,028,330</b>	<b>\$ 7,825,620</b>	<b>\$ 4,202,710</b>

<sup>1</sup> May not foot due to rounding.

<sup>2</sup> May not foot due to rounding.



On January 18, 2024, the QSA JPA Commission accepted an audit of its basic financial statements by Davis Farr Certified Public Accountants for fiscal years ending June 30, 2023, and 2022. Audited FY 2023 environmental mitigation expenditures totaled \$14,969,452, as depicted in Appendix 1. Based upon the audited cash balance of \$73,728,688 at the end of FY 2023, FY 2024 projected agency contributions and interest earnings of \$9,313,488, and projected FY 2024 budget spending of \$7,825,620, the QSA JPA expects to have a positive cash balance of \$75,216,556 at the end of FY 2024 (Table 3).

**Table 3. FY 2024 Projected Fund Balance**

DESCRIPTION		CASH FLOW
FY 2023 Audited Fund Balance (6-30-23)		\$73,728,688
Sources	Mitigation Contributions	\$6,613,488
	Interest Income	\$2,700,000
Uses		
	Environmental Mitigation	\$(7,825,620)
FY 2024 Projected Fund Balance (6-30-24)		\$75,216,556

#### SECTION 4: FY 2025 BUDGET

The FY 2024 budget provides projected revenues of \$9,313,488 to meet anticipated expenditures from July 1, 2023, through June 30, 2024, of \$7,825,620, resulting in a net gain of \$1,487,868 from the previous fiscal year. FY 2025 will begin with the projected year-end FY 2024 fund balance of \$75,216,556. Information summarizing the FY 2025 budget is presented in Tables 4 and 5. Following the FY 2024 payoffs by CVWD and the Water Authority, and IID's payoff in FY 2023, no further contributions are required from the QSA JPA water agencies. Table 4 provides the total agency contributions made through FY 2024.

**Table 4. Summary of Mitigation Contributions by Water Agency**

AGENCY	CONTRIBUTIONS THROUGH FY 2024	FY 2025 CONTRIBUTIONS
CVWD	\$66,761,133	\$ -
IID	\$104,058,578	\$ -
Water Authority <sup>3</sup>	\$90,751,175	\$ -
<b>Total Agency Contributions</b>	<b>\$261,570,886</b>	<b>\$ -</b>

<sup>3</sup> Water Authority contributions have been reduced by credits for payments made to the U.S. Bureau of Reclamation for implementation of Conservation and Mitigation Measures for the Colorado River.

Revenue sources for FY 2025 include interest income estimated at \$1,878,000. Projected spending in FY 2025 is \$14,604,879, primarily for environmental mitigation, shown by task in Table 6. Based upon the projected cash balance of \$75,216,556 at the end of FY 2024, FY 2025 interest income of \$1,878,000, and projected FY 2025 budget spending of \$14,604,879, the QSA JPA expects to have a positive cash balance of \$62,489,677 at the end of FY 2025 (Table 5). Projected uses exceed sources, indicating a projected decrease of \$12,726,879 in cash reserves for FY 2025.

**Table 5. FY 2025 Projected Fund Balance**

DESCRIPTION		CASH FLOW
FY 2024 Projected Cash Balance (6-30-24)		\$75,216,556
Sources	Mitigation Contributions	\$ -
	Interest Income	\$1,878,000
Uses	Environmental Mitigation	\$(14,604,879)
FY 2025 Projected Cash Balance (6-30-25)		\$62,489,677

## SECTION 5: FY 2025 WORK PLAN

The FY 2025 budget totaling \$14,604,879 includes funding for environmental mitigation activities for compliance with environmental permits and regulatory requirements, and designated administrative costs. A detailed breakdown of anticipated expenditures by task is provided in Table 6. Mitigation measures are implemented consistent with environmental permit requirements of the QSA conserved water transfers. Major expenditure categories for mitigation measures to be implemented in FY 2025 are shown in Table 7 and include: the Salton Sea Air Quality Mitigation Program (Task 24), the QSA IT Biologists (Task 2), and the Managed Marsh Areas (Task 8).

Table 6. Detailed FY 2025 Projected Expenditures

TASK	TASK DESCRIPTION	FY 2025 BUDGET
1	QSA Implementation Team	\$ -
2	QSA Implementation Team Biologists	\$ 1,356,444
3	Environmental Reporting and Monitoring	\$ -
4	Salton Sea Salinity and Elevation Program	\$ 6,000
5	Salton Sea Mitigation Water to Salton Sea	\$ -
6	Tamarisk Scrub Habitat – Surveys and Mitigation	\$ 58,462
7	Drain Habitat - Initial Vegetation and Habitat Surveys	\$ -
8/8A/8B	Drain Habitat (Aquatic) - Create/Manage/Monitor "Managed Marsh" Areas	\$ 454,636
9	Drain Habitat Restrictions/Requirements for Construction and Maintenance	\$ -
10/10A	Worker Education Program Covered Species Training and Manual	\$ -
11	Desert Habitat Survey and Mapping of Right of Way	\$ -
12	Desert Habitat Create/Maintain Desert Habitat	\$ -
13	Changes to Operations on IID Canals to Avoid Covered Species	\$ -
14	Burrowing Owl Worker Annual Education and Manual	\$ -
15	Pre-Construction Activity Burrowing Owl Surveys and Relocation	\$ 1,500
16	Burrowing Owl Relative Abundance and Distribution Surveys	\$ -
17	Farmer and Public Education Program	\$ 5,000
18	Desert Pupfish Abundance and Distribution Study	\$ 12,283
19/19A	Pupfish Selenium Drain Studies	\$ 152,142
20	Pupfish Construction and Maintenance Conservation Measures	\$ 100,000
21	Salvage of Razorback Suckers when Dewatering Canals	\$ -
22	Maintain Habitat on Fallowed Parcels	\$ -
23	Covered Species Baseline and Monitoring Surveys	\$ -
24	Salton Sea Air Quality	\$ 12,339,800
25	Minimize Dust Emissions from Fallowed Lands	\$ -
26	Drain Connectivity to Salton Sea Elevation Decrease	\$ -
27	Grade Spoil/Roads from Drain Maintenance	\$ -
28	Power Line Markers for Pumpback and Seepage Recovery Systems	\$ -
29	Prepare and Implement Management Plan for Abandoned Portions of AAC	\$ -
30	Southwestern Willow Flycatcher Surveys and Habitat Monitoring	\$ -
31	Elf Owl Surveys	\$ -
32	Desert Tortoise Survey and Avoidance	\$ -
33	Least Tern Surveys	\$ -
34	Rail and Bittern Surveys	\$ -
35	Management and Planning	\$ -
36	JPA Audit Fees	\$ 10,090
37	JPA Bank Fees	\$ 9,500
38	Financial Advisor	\$ 36,000
39	Bond Counsel Fees	\$ -
40	2001 Biological Opinion Measures	\$ -
41	Brown Pelican Coast	\$ -
42	Brown Pelican Sea	\$ 55,916
43	Salton Sea Shoreline Strand Study	\$ -
44	Pupfish Refugium	\$ 7,106
45	Recreation Facilities at Salton Sea	\$ -
46	QSA JPA Website Maintenance Services	\$ -
Total		\$ 14,604,879

**Table 7. Major Projected Expenditures in FY 2025**

<b>TASK</b>	<b>TASK DESCRIPTION</b>	<b>FY 2025 BUDGET</b>	<b>PERCENT OF TOTAL BUDGET</b>
<b>24</b>	Salton Sea Air Quality	\$ 12,339,800	85%
<b>2</b>	QSA Implementation Team Biologists	\$ 1,356,444	9%
<b>8</b>	Drain Habitat (Aquatic) – Create, Manage, Monitor "Managed Marsh" Areas	\$ 454,636	3%
<b>--</b>	Other Tasks	\$ 453,999	3%
<b>Total</b>		<b>\$ 14,604,879</b>	<b>100%</b>

Implementation of the Salton Sea Air Quality Mitigation Program (Task 24) is the largest budgeted expenditure for FY 2025 totaling \$12,339,800 or 85% of the total FY 2024 budget. Air quality mitigation includes activities related to annual emissions inventory, air quality network operations and maintenance, proactive dust control planning, groundwater development, air quality mitigation planning, and restricting public access to the Salton Sea playa.

The QSA IT Biologists (Task 2) is the second largest budgeted expenditure, making up \$1,356,444 or 9% of the total budget. This item includes funding for nine full-time staff and expenses for their fleet of vehicles used for environmental mitigation implementation.

The Managed Marsh Areas (Task 8) is the third largest budgeted expenditure totaling \$454,636 or 3% of the total FY 2025 budget. Expenditures for FY 2025 include operations and maintenance activities for all three phases of the marsh.

Other tasks make up the remaining 3% of the projected FY 2025 expenditures, totaling \$453,999. The budget includes reimbursements to the Water Authority for designated financial costs such as bank fees, audit fees, and financial consultants (investment management).

Audited historical spending by task is included as Appendix 1. Detailed summaries for individual mitigation measures by task, including a detailed breakdown of FY 2025 expenditures and planned and completed work, are included in Appendix 2.

## Appendix 1 – Audited Historical QSA JPA Spending, FY 2004 - FY 2023

Task	Task Description	Total FYs 2004-2023	FY 2023	FY 2022	FY 2021	FY 2020	FY 2019	FY 2018	FY 2017	FY 2016	FYs 2004- 2015
1	QSA Implementation Team	\$383,879									\$383,879
2	QSA Implementation Team Biologists	\$10,850,212	\$1,243,889	\$920,524	\$982,168	\$910,337	\$1,081,358	\$1,026,602	\$769,055	\$613,942	\$3,302,337
3	Environmental Reporting and Monitoring	\$82,458									\$82,458
4	Salton Sea Salinity and Elevation Program	\$50,514	\$5,128	\$15,326	\$8,447	\$4,129	\$4,895	\$7,100			\$5,489
5	Salton Sea Mitigation Water to Salton Sea	\$96,666,141				\$7,043,618	\$34,142	\$9,851,798	\$18,412,449	\$17,483,767	\$43,840,367
6	Tamarisk Scrub Habitat - Surveys and Mitigation	\$84,970	\$62,816	\$7,678		\$4,928					\$9,548
7	Drain Habitat - Initial Vegetation and Habitat Surveys	\$209,123									\$209,123
8	Drain Habitat (Aquatic) - Create/Manage/Monitor "Managed Marsh" Areas	\$17,362,306	\$360,101	\$403,912	\$2,615,125	\$2,206,448	\$1,911,610	\$439,409	\$297,032	\$389,963	\$8,738,706
8A	Reimbursement to IID for Appraised Value of Managed Marsh Land	\$9,182,030	\$9,182,030								
8B	Reimbursement to IID for Third-Party Appraiser	\$2,500	\$2,500								
9	Drain Habitat Restrictions/Requirements for Construction and Maintenance	\$8,473									\$8,473
10/ 10a	Worker Education Program Covered Species Training and Manual	\$35,302									\$35,302
11	Desert Habitat Survey and Mapping of Right of Way	\$379,191									\$379,191

## Appendix 1 – Audited Historical QSA JPA Spending, FY 2004 - FY 2023

Task	Task Description	Total FYs 2004-2023	FY 2023	FY 2022	FY 2021	FY 2020	FY 2019	FY 2018	FY 2017	FY 2016	FYs 2004- 2015
12	Desert Habitat Create/Maintain Desert Habitat	\$17,300									\$17,300
13	Changes to Operations on IID Canals to Avoid Covered Species	\$0									\$0
14	Burrowing Owl Worker Annual Education and Manual	\$10,411									\$10,411
15	Pre-Construction Activity Burrowing Owl Surveys and Relocation	\$927,690	\$135	\$3,933				\$7,164	\$1,540	\$6,765	\$908,153
16	Burrowing Owl Relative Abundance and Distribution Surveys	\$3,519,615	\$2,762		\$46,155	\$206,984	\$224,314		\$20,000	\$59,509	\$2,959,891
17	Farmer and Public Education Program	\$23,894	\$5,646	\$2,493	\$1,600	\$2,437	\$2,150	\$1,600	\$935	\$1,416	\$5,617
18	Desert Pupfish Abundance and Distribution Study	\$84,440	\$9,238	-\$17,165	\$60,307	\$17,653	\$116	\$8		\$24	\$14,259
19/ 19A	Pupfish Selenium Drain Studies	\$2,610,027	\$90,053	\$58,234	\$167,559	\$118,586	\$157,978	\$36,468	\$66,650		\$1,914,499
20	Pupfish Construction and Maintenance Conservation Measures	\$251,601	\$4,722	\$65,382	\$4,273	\$4,234	\$124,105	\$11,653	\$504		\$36,728
21	Salvage of Razorback Suckers when Dewatering Canals	\$9,534									\$9,534
22	Maintain Habitat on Fallowed Parcels	\$0									\$0
23	Covered Species Baseline and Monitoring Surveys <sup>1</sup>	\$5,395,188						\$800	\$947	\$17,000	\$5,376,441
24	Salton Sea Air Quality	\$36,948,530	\$3,957,503	\$4,588,075	\$5,478,183	\$4,553,484	\$4,024,938	\$3,483,968	\$3,809,309	\$2,797,387	\$4,255,683

<sup>1</sup> Includes Avian Studies from FY 2006, 2007, and 2008.

## Appendix 1 – Audited Historical QSA JPA Spending, FY 2004 - FY 2023

Task	Task Description	Total FYs 2004-2023	FY 2023	FY 2022	FY 2021	FY 2020	FY 2019	FY 2018	FY 2017	FY 2016	FYs 2004- 2015
25	Minimize Dust Emissions from Fallowed Lands	\$57,775									\$57,775
26	Drain Connectivity to Salton Sea Elevation Decrease	\$0									\$0
27	Grade Spoil/Roads from Drain Maintenance	\$0									\$0
28	Power Line Markers for Pumpback and Seepage Recovery Systems	\$1,960									\$1,960
29	Prepare and Implement Management Plan for Abandoned Portions of AAC	\$0									\$0
30	Southwestern Willow Flycatcher Surveys and Habitat Monitoring <sup>2</sup>	\$62,938									\$62,938
31	Elf Owl Surveys	\$0									\$0
32	Desert Tortoise Survey and Avoidance	\$0									\$0
33	Least Tern Surveys	\$0									\$0
34	Rail and Bittern Surveys	\$0									\$0
35	Management and Planning	\$336,979						\$1,367	\$9,354	\$4,190	\$322,068
36	JPA Audit Fees	\$190,288	\$10,770	\$10,560	\$10,770	\$10,560	\$10,350	\$10,350	\$10,350	\$12,147	\$104,431

<sup>2</sup> Includes Task 46 from previous years.

## Appendix 1 – Audited Historical QSA JPA Spending, FY 2004 - FY 2023

Task	Task Description	Total FYs 2004-2023	FY 2023	FY 2022	FY 2021	FY 2020	FY 2019	FY 2018	FY 2017	FY 2016	FYs 2004- 2015
37	JPA Bank Fees	\$35,272	\$1,855	\$1,776	\$2,082	\$2,495	\$1,405	\$1,526	\$1,584	\$1,609	\$20,940
38	Financial Advisor	\$67,411	\$16,117	\$12,567	\$9,230						\$29,497
39	Bond Counsel Fees	\$25,000									\$25,000
40	2001 Biological Opinion Measures	\$3,349,126									\$3,349,126
41	Brown Pelican Coast	\$0									\$0
42	Brown Pelican Sea	\$5,517		\$329	\$4,017	\$1,171					\$0
43	Salton Sea Shoreline Strand Study	\$0									\$0
44	Pupfish Refugium	\$81,053	\$14,187	\$3,051			\$3,174			\$1,840	\$58,801
45	Recreation Facilities at Salton Sea	\$22,603					\$3,911	\$10,999	\$6,565	\$3,911	\$1,128
46	QSA JPA Website	\$9,340	\$9,340								\$0
<b>Total</b>		<b>\$189,340,591</b>	<b>\$14,969,452</b>	<b>\$6,086,015</b>	<b>\$9,389,916</b>	<b>\$15,087,064</b>	<b>\$7,584,446</b>	<b>\$14,890,812</b>	<b>\$23,406,274</b>	<b>\$21,389,559</b>	<b>\$76,537,053</b>
<b>Biological Opinion Measures Credited to Water Authority</b>		<b>\$3,349,126</b>									<b>\$3,349,126</b>
<b>Total JPA Expenditures</b>		<b>\$185,991,465</b>	<b>\$14,969,452</b>	<b>\$6,086,015</b>	<b>\$9,389,916</b>	<b>\$15,087,064</b>	<b>\$7,584,446</b>	<b>\$14,890,812</b>	<b>\$23,406,274</b>	<b>\$21,389,559</b>	<b>\$73,187,927</b>



## Work Task 1: QSA Implementation Team

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$383,879

**Description and Purpose:** The Quantification Settlement Agreement (QSA) Implementation Team (IT) is to hold quarterly IT meetings consisting of representatives from Imperial Irrigation District (IID), U.S. Fish and Wildlife Service (USFWS), and California Department of Fish and Wildlife (CDFW), to guide implementation of the Habitat Conservation Plan (HCP) and In-Valley California Endangered Species Act (CESA) Permit for the duration of the HCP and CESA Permit.

**Permit Reference:** HCP; CESA Permit 4(a)(ii) and MMRP 8

**Accomplishments Through FY 2023:** Held quarterly implementation team meetings and reviewed annual budget.

**FY 2024 Activities:** Quarterly implementation team meetings were held virtually at no cost to the QSA JPA.

**Proposed FY 2025 Activities:** No expense to the QSA JPA is expected for this item due to quarterly implementation team meetings being held virtually.

## Work Task 2: QSA Implementation Team Biologists

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$1,356,444	\$1,286,080	\$ 1,355,620	\$10,850,212

**Description and Purpose:** Salary and expenses for IT Biologists.

**Permit Reference:** HCP, General 1; CESA Permit 4(a)(i) and MMRP 7

**Accomplishments Through FY 2023:** Covered environmental mitigation staff expenses and fuel and maintenance for vehicles used for environmental mitigation implementation.

**FY 2024 Activities:** Fund environmental mitigation staff and fuel and maintenance for vehicles used for environmental mitigation implementation.

**Proposed FY 2025 Activities:** Continue to fund environmental mitigation staff and fuel and maintenance for vehicles used for environmental mitigation implementation.

### Work Task 3: Environmental Reporting and Monitoring

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$82,458

**Description and Purpose:** Report annually to USFWS and CDFW the amount of water conserved, transferred, and allowed to flow to the Salton Sea.

Make available to USFWS and CDFW valley-wide statistics regarding agricultural production and implementation of water conservation measures, including total acreage in agricultural production in the IID water service area, acres of each crop grown, acres of land fallowed, acres of participating farms, and total amount of water conserved and transferred.

Submit annual report to SWRCB on actions taken to comply with the mitigation measures and conservation strategies included in the Final EIR/EIS and HCP and all other state and federal permits and regulatory requirements.

Prepare Adaptive Management Plan for monitoring effectiveness of mitigation measures. Submit reports of the previous year's activities to USFWS, CDFW and SWRCB, including details of fish and wildlife conservation actions implemented, monitoring/surveying activities, and water conservation activities.

**Permit Reference:** HCP Chp 4; In-Valley Biological Opinion, TC Reporting Requirements; CESA Permit Conditions of Approval, General Conditions (a) and (b) and MMRPs; SWRCB Section 4

**Accomplishments Through FY 2023:** Annual report sent by March 31 of each year for the previous calendar year.

**FY 2024 Activities:** There was no expense for this item due to annual reports being submitted electronically and posted on IID's website.

**Proposed FY 2025 Activities:** No expense expected for this item due to annual reports being submitted electronically and posted on IID's website.

## Work Task 4: Salton Sea Salinity and Elevation Program

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$6,000	\$4,330	\$8,000	\$50,514

**Description and Purpose:** To demonstrate compliance with the Salton Sea Habitat Conservation Strategy and monitor salinity and elevation of the Salton Sea.

**Permit Reference:** SWRCB-6; CESA Permit MMRP 40

**Accomplishments Through FY 2023:** Collected salinity measurement data at the Salton Sea for lab analysis and completed annual selenium salinity monitoring.

**FY 2024 Activities:** Collected salinity measurement data at the Salton Sea for lab analysis.

**Proposed FY 2025 Activities:** Continue to fund salinity measurements at the Salton Sea for lab analysis, including airboat and monitoring equipment expenses.

## Work Task 5: Salton Sea Mitigation Water to Salton Sea

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$96,666,141

**Description and Purpose:** To implement refined Salton Sea Habitat Conservation Strategy (SSHCS), which requires provision of mitigation water to the Salton Sea for the first 15 years of the project to mitigate reductions in inflow due to the transfer of water to the Water Authority.

Mitigation water will be delivered in accordance with the schedule in Table 1-3 of the 9/03 Addendum.

**Permit Reference:** SWRCB CESA Permit 4(c)(i) and MMRP13

**Accomplishments Through FY 2023:** Delivered 46,546 AF of mitigation water to the Salton Sea to resolve 2010 pre-delivery payback in FY 2020. Mitigation task is complete.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

## Work Task 6: Tamarisk Scrub Habitat - Surveys and Mitigation

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$58,462	\$20,100	\$61,810	\$84,970

**Description and Purpose:** To develop preconstruction survey checklists and protocols in consultation with the IT, to identify proposed construction and impacted vegetation and covered species. Specific survey protocol will be developed to monitor and quantify changes in the amount/quality of habitat in consultation with USFWS and CDFW.

Includes the evaluation of all potential cottonwood-willow and tamarisk stands for Southwestern Willow Flycatcher breeding habitat suitability, prior to IID water conservation activities that could impact tamarisk habitat.

**Permit Reference:** HCP-TREE 1-3; In-Valley Biological Opinion, Willow Flycatcher Measures 1 to 4; CESA Permit 4(f) and MMRP 21-27, 29-36, 41, 42

**Accomplishments Through FY 2023:** Installed native tree habitat in Managed Marsh Complex buffer zones.

**FY 2024 Activities:** Carry out operation and maintenance (O&M) activities for native tree habitat, including repairs to flood irrigation, invasive species control, and supplemental planting.

**Proposed FY 2025 Activities:** Continue O&M activities for native tree habitat, including repairs to flood irrigation, invasive species control, and other related expenses.

## Work Task 7: Drain Habitat - Initial Vegetation and Habitat Surveys

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$209,123

**Description and Purpose:** To complete drain vegetation database, conduct covered species baseline surveys as necessary, and participate in a comprehensive planning process to address selenium impacts. Includes the evaluation of all potential cottonwood-willow and tamarisk stands for southwestern willow flycatcher breeding habitat suitability, based on characterizations provided in the draft Southwestern Willow Flycatcher Recovery Plan.

**Permit Reference:** HCP, Drain Habitat 1; In-Valley Biological Opinion Willow Flycatcher Measures 1 to 4; CESA Permit, 4(g) and MMRPs

**Accomplishments Through FY 2023:** Completed baseline drain survey.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

## Work Task 8: Drain Habitat (Aquatic) - Create/Manage/Monitor "Managed Marsh" Areas

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$454,636	\$463,860	\$561,580	\$17,362,306

**Description and Purpose:** To create 959 acres of managed marsh habitat over a 15 year period, 1/3 of the total within the first five years. The specific amount will be determined by the IT, and approved by USFWS and CDFW, based upon the drain vegetation survey (an amount equal to the total amount of habitat in the drains), as well as the acreage required to compensate for selenium effects. Due diligence will be conducted on land chosen for Managed Marsh and land will be purchased for managed marsh.

**Permit Reference:** HCP Drain Habitat; In-Valley Biological Opinion-Rail CM 1-2; CESA 4(g)(i) and MMRP 45, 46, 47, 88, 101, 102, 103

**Accomplishments Through FY 2023:** Phase I built in 2009 - 365 acres. Phase II built in 2014 - 360 acres. Phase III design and construction completed. Buffer zones double as native tree habitat for construction projects.

**FY 2024 Activities:** Conducted O&M of Phases I, II, and III of Managed Marsh Complex.

**Proposed FY 2025 Activities:** Continue O&M of Managed Marsh Complex Phases I, II, and III.



## Work Task 8A: Reimbursement to IID for Appraised Value of Managed Marsh Land

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$9,182,030

**Description and Purpose:** Reimburse IID for the appraised value of the land underlying the Managed Marsh Areas (Task 8).

**Permit Reference:** N/A

**Accomplishments Through FY 2023:** Reimbursed IID for the use of its land for the Managed Marsh Complex.

**FY 2024Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

**Work Task 8B: Reimbursement to IID for Third-Party Appraiser**

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$2,500

**Description and Purpose:** Reimburse IID for direct costs incurred by hiring a third-party appraiser (contractor) to determine the value of the land underlying the Managed Marsh Areas (Task 8).

**Permit Reference:** N/A

**Accomplishments Through FY 2023:** Reimbursed IID for its third-party appraiser.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

## Work Task 9: Drain Habitat Restrictions/Requirements for Construction and Maintenance

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$8,473

**Description and Purpose:** To implement the listed measures when conducting scheduled construction activities within rights-of-way along the AAC, East Highline, and portions of the Westside Main, Thistle, and Trifolium Extension Canals containing desert habitat (these measures may be modified during the permit term with the approval of USFWS and CDFW or based on survey results or adaptive management).

**Permit Reference:** HCP-Drain 3; CESA Permit 4(f)(i, ii, iii, and ix), 4(g), 4(i)(iv) and MMRP 36, 49, 50, 70, 71, 76, 77, 89

**Accomplishments Through FY 2023:** Completed pre-construction surveys for construction activities.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

## Work Task 10/10A: Worker Education Program Covered Species Training and Manual

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$35,302

**Description and Purpose:** To implement an annual worker education program for workers conducting O&M and construction activities to ensure compliance with the Desert Habitat Conservation Strategy. A worker education manual is to be prepared with the concurrence of USFWS and CDFW; copies are to be distributed to each person conducting O&M activities along the AAC, East Highline, Westside Main, Thistle, or Trifolium canals.

Includes review of worker education manual, updates as appropriate, and distribution to workers; copies are to be given to USFWS and CDFW. Workers' compliance is to be monitored with worker education manual procedures, and any infractions will be reported by the IT Biologist to the worker's supervisor.

**Permit Reference:** HCP-Desert 1; CESA Permit 4(i) MMRP 58, 59, and 60

**Accomplishments Through FY 2023:** Annual worker education trainings conducted at the beginning of each calendar year and then an additional training mid-year for new employees. In-person trainings have been transitioned to online video trainings. No future expenses are expected.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

## Work Task 11: Desert Habitat Survey and Mapping of Right of Way

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$379,191

**Description and Purpose:** To conduct a desert habitat survey encompassing IID's rights-of-way along the AAC (from the intersection with the East Highline Canal to the desilting basins at Imperial Dam) and the Westside Main, East Highline, Thistle, and Trifolium Extension Canals where the rights-of-way contain or are adjacent to desert habitat. Includes Identifying and mapping habitat and habitat features. A report of the results of the desert habitat survey is to be reported to USFWS and CDFW. The worker education manual will be updated to include a habitat map and map(s) of known locations of each of the covered species within the canal rights-of-way.

**Permit Reference:** HCP DH 4; CESA Permit 4(i)(v) MMRP 64

**Accomplishments Through FY 2023:** Habitat survey conducted as part of initial habitat mapping at the beginning of the QSA.

**FY 2024Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

## Work Task 12: Desert Habitat Create/Maintain Desert Habitat

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$17,300

**Description and Purpose:** To determine the amount of habitat lost, and work with the IT to identify a replacement property (in a 1:1 ratio to the lost acreage) to be acquired or covered with a conservation easement if desert habitat used by covered species would be permanently lost due to O&M or construction activities. IID may not permanently remove more than 100 acres of desert habitat and/or tamarisk scrub habitat over the permit term.

**Permit Reference:** HCP-DH 5; CESA Permit 4(i)(vi) and MMRP 66, 67, 68

**Accomplishments Through FY 2023:** Developed revegetation plan for disturbed desert habitat, as needed.

**FY 2024Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

### Work Task 13: Changes to Operations on IID Canals to Avoid Covered Species

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$ -

**Description and Purpose:** To implement the listed "interim" practices in connection with O&M activities. These measures may be modified during the permit term based upon survey results or adaptive management.

**Permit Reference:** HCP, Desert 2; CESA Permit, Conditions 4(i)(iii), 4(i)(vii) to (xiv) and MMRP 50, 60, 62, 63, 70, 71, 76 and 77

**Accomplishments Through FY 2023:** No major modifications to O&M activities to date.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

## Work Task 14: Burrowing Owl Worker Annual Education and Manual

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$10,411

**Description and Purpose:** To develop and implement an annual worker education program to ensure workers are familiar with Burrowing Owl mitigation measures. Also to ensure new workers are informed of and understand the HCP requirements. A worker education manual is to be prepared and distributed to each person conducting drain cleaning or canal maintenance procedures and refresher instruction is to be conducted. Copies of the manual are to be provided to USFWS and CDFW and approval of the workers' manual from USFWS and CDFW must be obtained. The IT Biologist will conduct random checks of workers to ensure compliance with the HCP.

**Permit Reference:** HCP, Owl 1

**Accomplishments Through FY 2023:** The Burrowing Owl Worker Education and Manual have been combined with Task 10/10A: Worker Education Program to conduct one annual worker education program. All Water Department O&M and construction workers are trained in January of each year. Zanjeros and water patrolmen are trained in February/March of each year. A mid-year make-up training is conducted for anyone who missed trainings at the beginning of the year or who have been hired since trainings occurred. Annual education program has been rolled into Task 10/10A.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.



## Work Task 15: Pre-Construction Activity Burrowing Owl Surveys and Relocation

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$1,500	\$30	\$1,500	\$927,690

**Description and Purpose:** To implement the following in connection with construction and O&M activities:

- Conduct visual inspection of banks and indicate location of burrows; avoid collapsing or filling burrows, exercise care in removing sediment, and avoid moving the excavator bucket directly over a burrow.
- Develop standard operating procedures through teamwork of IT biologist and maintenance workers for drain/canal cleaning.

**Permit Reference:** HCP-Owl 2-8

**Accomplishments Through FY 2023:** Annual inspections of canals and drains prior to all operations and maintenance activities and relocation of burrowing owl burrows, as needed, for construction or O&M activities.

**FY 2024 Activities:** Conducted annual inspections of canals and drains for burrows prior to all operations and maintenance activities.

**Proposed FY 2025 Activities:** Continue annual inspections of canals and drains for burrows prior to all operations and maintenance activities.

## Work Task 16: Burrowing Owl Relative Abundance and Distribution Surveys

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$3,519,615

**Description and Purpose:** To prepare and conduct a study design for a relative abundance and distribution survey of burrowing owls (BUOW) in the HCP area; prepare in consultation with a statistician; obtain IT approval of the study design.

**Permit Reference:** HCP, Owl 7

**Accomplishments Through FY 2023:** Population studies conducted in 2007/2008. Sub-sampling conducted in 2011/2012. "Efficacy study" on burrowing owl marking protocol in 2015/2016. Two-year subsampling effort in 2019 and 2020.

**FY 2024 Activities:** N/A. No surveys planned.

**Proposed FY 2025 Activities:** N/A. No surveys planned.

## Work Task 17: Farmer and Public Education Program

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$5,000	\$1,830	\$5,000	\$23,894

**Description and Purpose:** To implement a farmer and public education program on burrowing owls; periodically include information on burrowing owls in water bills to farmers.

**Permit Reference:** HCP, Owl 9

**Accomplishments Through FY 2023:** Designed advertisements to educate the public on burrowing owls and conducted public outreach presentations to various groups.

**FY 2024 Activities:** Engaged with school-age students to design local magazine advertisements for burrowing owls and provide public outreach presentations.

**Proposed FY 2025 Activities:** Continue public outreach presentations, design an ad, and related activities.

## Work Task 18: Desert Pupfish Abundance and Distribution Study

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$12,283	\$80	\$6,750	\$84,440

**Description and Purpose:** To develop in coordination with the IT a protocol for monitoring pupfish presence in drains currently maintained, and in drain channels constructed, to increase the amount of potential pupfish drain habitat under Pupfish 3.

**Permit Reference:** HCP, Pupfish 4; In-Valley Biological Opinion, Pupfish CM 3; CESA Permit

**Accomplishments Through FY 2023:** Developed desert pupfish distribution monitoring protocol, purchased monitoring equipment, and, to date, implemented pupfish monitoring. Trained IID environmental mitigation staff to survey for pupfish within drains around the Salton Sea.

**FY 2024 Activities:** Conducted pupfish distribution surveys.

**Proposed FY 2025 Activities:** IID staff will continue to monitor pupfish within IID drains at the Salton Sea.

## Work Task 19/19A: Pupfish Selenium Drain Studies

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$152,142	\$90,390	\$183,140	\$2,610,027

**Description and Purpose:** To operate and maintain drains in a manner that minimizes the effects of water conservation on water quality. To implement the selenium drain monitoring study. To work together with the IT to determine the best means for managing the drain channels to minimize potential selenium effects on pupfish, based upon the findings of studies conducted by USFWS or others and continue funding of the Selenium Toxicity Study.

**Permit Reference:** HCP-Pupfish 4; CESA Permit Conditions 4(j)(ii), 4(j)(vi), 4(j)(vii), 4(j)(x); MMRP 80, 81, 87, 94; In-Valley Biological Opinion; SWRCB Order

**Accomplishments Through FY 2023:** Completed the USGS Selenium Study in 2009. Recommendations from USGS study were used to create Selenium Work Plan for the RWQCB Ag Waiver completed; the first year of three year study began in late 2018. IID staff collected water quality samples in drains to conduct selenium analysis each year.

**FY 2024 Activities:** Install monitoring equipment and collect water quality samples in drains to conduct selenium analysis each year.

**Proposed FY 2025 Activities:** Ongoing selenium work plan activities, including water quality samples and monitoring.

## Work Task 20: Pupfish Construction and Maintenance Conservation Measures

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$100,000	\$17,850	\$100,000	\$251,601

**Description and Purpose:** To implement the listed measures in connection with construction activities (i.e., in-channel modifications) that directly affect pupfish drains and require dewatering or removal of drain sections.

**Permit Reference:** HCP-Pupfish 6; CESA Permit MMRP 80, 86, 89, 90, 94, 95, 96, 97; In-Valley Biological Opinion

**Accomplishments Through FY 2023:** Any required drain maintenance activities have been consulted with CDFW. Pupfish trapping occurred five consecutive days with no pupfish caught before work has started.

**FY 2024 Activities:** Work to develop a Pupfish Habitat Connectivity Plan with consultant, USFWS, CDFW and Coachella Valley Water District (CVWD) for IID and CVWD drains. Draft Pupfish Habitat Connectivity Plan being reviewed by the IT.

**Proposed FY 2025 Activities:** Develop a Pupfish Drain Connection Plan & Design.

## Work Task 21: Salvage of Razorback Suckers when Dewatering Canals

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$9,534

**Description and Purpose:** The IT will develop a procedure for salvaging and returning fish to the Colorado River and ensure that a person qualified to capture and handle razorback suckers, and approved by USFWS and CDFW, will be present during dewatering of main canals or reservoirs.

**Permit Reference:** HCP-Razorback Sucker 1; CESA Permit 4(k)(i) and MMRP 99

**Accomplishments Through FY 2023:** No relocation efforts have been conducted to date.

**FY 2024 Activities:** No razorback suckers were found.

**Proposed FY 2025 Activities:** No relocation of razorback suckers is expected.

## Work Task 22: Maintain Habitat on Fallowed Parcels

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$ -

**Description and Purpose:** N/A

**Permit Reference:** N/A

**Accomplishments Through FY 2023:** Task has no value. Fallowed parcels are privately owned with residual cover from previous crops. Fallowed parcels are scattered around the valley, so no one area has had a significant percentage of fallowed lands. Fallowing is no longer conducted as a conservation measure post 2017.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.



## Work Task 23: Covered Species Baseline and Monitoring Surveys

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$3,280	\$5,395,188

**Description and Purpose:** To work with the IT to define specific surveys and studies to be conducted as part of a study program for the "Other Species" listed in Table 3.9-1 of the HCP within the HCP area. The use of created or acquired native tree habitat is to be monitored. A baseline desert survey will be conducted.

**Permit Reference:** HCP-OTHER Species 1 and 2; CESA Permit 4(i)(v) and MMRP 35, 48, 64, 65; HCP; CESA Permit 4(i)(v) and MMRP 64; HCP DH 2, DH3, DH4

**Accomplishments Through FY 2023:** Completed baseline survey of covered species in 2009. Purchased imagery for Imperial Valley agricultural area. Conducted annual marsh bird protocol surveys and southwestern willow flycatcher surveys.

**FY 2024 Activities:** Survey covered species, primarily marsh birds at the Managed Marsh Complex and southwestern willow flycatchers.

**Proposed FY 2025 Activities:** Continue surveys of covered species, primarily marsh birds at the Managed Marsh and southwestern willow flycatchers.

## Work Task 24: Salton Sea Air Quality

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
12,339,800	\$5,876,360	\$9,613,060	\$36,948,530

**Description and Purpose:** To continue implementation of the 4-step air quality plan: (1) Restrict Access, (2) Research and Monitoring, (3) Emission Reduction Credits, (4) Direct Emissions Reductions.

**Permit Reference:** SWRCB-8; EIR/EIS STEP 2, AQPLAN-AQ 7

**Accomplishments Through FY 2023:** Conducted activities related to annual emissions inventory, air quality network operations & maintenance, proactive dust control planning, groundwater development, air quality emissions inventory.

**FY 2024 Activities:** Constructed shallow groundwater wells at Bombay Beach and prepared solicitation for the Bombay Beach Vegetation Project.

**Proposed FY 2025 Activities:** Continue to carry out activities related to annual emissions inventory, air quality network operations & maintenance, proactive dust control planning, groundwater development, air quality mitigation planning, and public access restrictions on Salton Sea playa.

## Work Task 25: Minimize Dust Emissions from Fallowed Lands

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$57,775

**Description and Purpose:** To implement at least one of the Best Management Practices ("BMPs") to minimize PM10 emissions prior to and after fallowing.

**Permit Reference:** SWRCB-8; EIR/EIS-AQ 3

**Accomplishments Through FY 2023:** Fallowed fields are required to have a crop left in place for dust mitigation at the owners expense. No cost to the JPA.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

## Work Task 26: Drain Connectivity to Salton Sea Elevation Decrease

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$ -

**Description and Purpose:** To ensure an appropriate level of connectivity between pupfish populations within individual drains that connect to the Sea and are below the first check (at the north and south ends of the Sea) if Salton Sea conditions become unsuitable for pupfish. To maintain created pupfish habitats for the duration of the term of the take permits.

**Permit Reference:** HCP-SS 2; In-Valley Biological Opinion; CESA Permit MMRP 79, 80

**Accomplishments Through FY 2023:** Drain connectivity for pupfish due to salinity levels is included in Task 20.

**FY 2024 Activities:** Included in Task 20.

**Proposed FY 2025 Activities:** Included in Task 20.

## Work Task 27: Grade Spoil/Roads from Drain Maintenance

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$ -

**Description and Purpose:** When grading spoils from drain or canal cleaning, the soil to be graded will first be rolled away from the channel and broken up into small clods and slowly rolled back towards the channel. Care will be taken to not roll the soil back down the slope.

**Permit Reference:** Owl-3, HCP

**Accomplishments Through FY 2023:** IID protocols for drain and canal cleaning include spoil to be graded away from the channel. Costs for burrowing owl marking included in Task 15.

**FY 2024 Activities:** Included in Task 15.

**Proposed FY 2025 Activities:** Included in Task 15.

## Work Task 28: Power Line Markers for Pumpback and Seepage Recovery Systems

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$1,960

**Description and Purpose:** To install markers in accordance with industry standards in order to reduce bird strikes and to alert birds to the presence of the lines if IID builds additional power lines to provide power to pumps for tailwater return systems. If additional lines are erected, submit a report to USFWS and CDFW.

**Permit Reference:** HCP-AG 1; CESA Permit MMRP 55, 57

**Accomplishments Through FY 2023:** N/A

**FY 2024 Activities:** N/A

**Proposed FY 2025 Activities:** N/A

## Work Task 29: Prepare and Implement Management Plan for Abandoned Portions of AAC

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$ -

**Description and Purpose:** To prepare and implement a Management Plan for abandoned portions of AAC.

**Permit Reference:** CESA Permit MMRP 78

**Accomplishments Through FY 2023:** N/A.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

## Work Task 30: Southwestern Willow Flycatcher Surveys and Habitat Monitoring

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$62,938

**Description and Purpose:** To carry out Southwestern Willow Flycatcher Surveys.

**Permit Reference:** CESA Permit 4(f) and MMRP 41, 42; HCP; In-Valley Biological Opinion, Willow Flycatcher Measures

**Accomplishments Through FY 2023:** Included in Task 23.

**FY 2024 Activities:** Included in Task 23.

**Proposed FY 2025 Activities:** Included in Task 23.



## Work Task 31: Elf Owl Surveys

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$ -

**Description and Purpose:** To carry out pre-construction surveys of potential habitat with a 0.25 mile radius for nesting owls.

**Permit Reference:** CESA Permit 4(f)(ix) and MMRP 44

**Accomplishments Through FY 2023:** Included in Task 23.

**FY 2024 Activities:** Included in Task 23.

**Proposed FY 2025 Activities:** Included in Task 23.

## Work Task 32: Desert Tortoise Survey and Avoidance

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$ -

**Description and Purpose:** To carry out pre-construction surveys and avoidance or minimization.

**Permit Reference:** CESA Permit 4(i) and MMRP 71 to 75; HCP DH 2 and DH 3

**Accomplishments Through FY 2023:** Included in Task 23.

**FY 2024 Activities:** Included in Task 23.

**Proposed FY 2025 Activities:** Included in Task 23.

### Work Task 33: Least Tern Surveys

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$ -

**Description and Purpose:** Permittee is to use fencing or other techniques to protect nesting terns if least terns begin nesting at the Salton Sea.

**Permit Reference:** CESA Permit 4(e) and MMRP 20

**Accomplishments Through FY 2023:** Included in Task 23.

**FY 2024 Activities:** Included in Task 23.

**Proposed FY 2025 Activities:** Included in Task 23.

### Work Task 34: Rail and Bittern Surveys

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$ -

**Description and Purpose:** To carry out Managed Marsh monitoring and initial baseline monitoring of suitable agricultural drain habitat.

**Permit Reference:** CESA Permit 4(g) and MMRPs 51, 52, 54; In-Valley Biological Opinion, Rail Measures; HCP

**Accomplishments Through FY 2023:** Included in Task 23.

**FY 2024 Activities:** Included in Task 23.

**Proposed FY 2025 Activities:** Included in Task 23.

## Work Task 35: Management and Planning

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$336,979

**Description and Purpose:** Management and Planning.

**Permit Reference:** N/A

**Accomplishments Through FY 2023:** Funded costs for monthly accounting, invoicing, and budget development.

**FY 2024 Activities:** Monthly accounting, invoicing, and budget development are managed internally by IID staff at no expense to the QSA JPA.

**Proposed FY 2025 Activities:**

No expense to the QSA JPA is expected for this item. Monthly accounting, invoicing, and budget development will continue to be managed internally by IID staff.

**Work Task 36: JPA Audit Fees**

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$10,090	\$12,920	\$12,920	\$190,288

**Description and Purpose:** To pay for JPA audit fees.

**Permit Reference:** N/A

**Accomplishments Through FY 2023:** Paid for JPA auditor services.

**FY 2024 Activities:** Pay for JPA auditor services.

**Proposed FY 2025 Activities:** Pay for JPA auditor services.

**Work Task 37: JPA Bank Fees**

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$9,500	\$11,090	\$11,090	\$35,272

**Description and Purpose:** To pay for JPA bank fees.

**Permit Reference:** N/A

**Accomplishments Through FY 2023:** Paid for JPA bank fees.

**FY 2024 Activities:** Pay JPA bank fees.

**Proposed FY 2025 Activities:** Pay for JPA Bank Fees.

## Work Task 38: Financial Advisor

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$36,000	\$36,000	\$36,000	\$67,411

**Description and Purpose:** To pay for financial advisor services.

**Permit Reference:** N/A

**Accomplishments Through FY 2023:** In FY 2007, the QSA JPA hired First Southwest Company as a financial advisor tasked with analyzing projected expenditures and existing payment schedules to develop options for an upcoming deficit. This led to the 2007 Advanced Payment Agreement. In FY 2020, the QSA JPA hired Chandler Asset Management as an investment advisor.

**FY 2024 Activities:** Pay for investment management services (Chandler Asset Management).

**Proposed FY 2025 Activities:** Pay for investment management services (Chandler Asset Management).



## Work Task 39: Bond Counsel Fees

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$25,000

**Description and Purpose:** To pay for bond counsel fees.

**Permit Reference:** N/A

**Accomplishments Through FY 2023:** In FY 2007, the QSA JPA hired Orrick, Herrington and Sutcliffe to advise on the potential issuance of bonds.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

## Work Task 40: 2001 Biological Opinion Measures

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$3,349,126

**Description and Purpose:** The Bureau of Reclamation’s implementation of “on-river” measures including backwater marsh creation, razorback sucker stocking, willow flycatcher habitat, and bonytail chub rearing. Costs for this task have been credited to the Water Authority.

**Permit Reference:** 2001 LCR BO; CESA

**Accomplishments Through FY 2023:** Section 9.5 of the JPA Agreement provides for a \$3.118 million credit to the Water Authority for certain on-river mitigation activities that are implemented by the Bureau of Reclamation (BOR). Specifically, the language states “SDCWA shall receive credit toward its payment obligations under this Agreement, not to exceed a present value of \$3,118,000, for payments made to BOR for satisfaction of Environmental Mitigation Requirements pursuant to that agreement among BOR, Metropolitan Water District of Southern California (MWD), and SDCWA, dated October 10, 2003, regarding responsibility for implementation of Conservation and Mitigation Measures for the Colorado River described in a U.S. Fish and Wildlife Service Biological Opinion dated January 12, 2001.”

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

## Work Task 41: Brown Pelican Coast

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$ -

**Description and Purpose:** To construct, maintain, and monitor major coastal roost sites in San Diego Bay and Santa Barbara Harbor.

**Permit Reference:** CESA 4(d); 2002 In-Valley BO BP CM-1

**Accomplishments Through FY 2023:** N/A.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

**Work Task 42: Brown Pelican Sea**

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$55,916	\$ -	\$55,920	\$5,517

**Description and Purpose:** To construct, maintain, and monitor roost sites at the Salton Sea.

**Permit Reference:** CESA 3(c); 2002 In-Valley BO BP CM-1; HCP SS-1

**Accomplishments Through FY 2023:** N/A.

**FY 2024 Activities:** IID and CDFW continues to consult on the scope of this task.

**Proposed FY 2025 Activities:** Develop a construction cost estimate for this task.

### Work Task 43: Salton Sea Shoreline Strand Study

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$ -

**Description and Purpose:** To survey for and mitigate, if required, impacts to tamarisk scrub upon completion of Salton Sea mitigation deliveries.

**Permit Reference:** HCP SS-3; HCP 4(f)

**Accomplishments Through FY 2023:** N/A.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A. No imagery is expected to be purchased and existing IID equipment will be used.

## Work Task 44: Pupfish Refugium

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$7,106	\$4,700	\$12,660	\$81,053

**Description and Purpose:** To construct and maintain one refugium pond.

**Permit Reference:** HCP SS-2; 2002 In-Valley BO DP CM-1; CESA 4(j)

**Accomplishments Through FY 2023:** Pupfish refugium built in 2010 and stocked in 2016. Environmental mitigation staff began O&M activities for the refugium in summer 2022.

**FY 2024 Activities:** Conduct pupfish refugium O&M activities, including water monitoring, cleaning, and maintenance.

**Proposed FY 2025 Activities:** Continue pupfish refugium O&M activities, including water monitoring, cleaning, and maintenance.

## Work Task 45: Recreation Facilities at Salton Sea

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$22,603

**Description and Purpose:** To relocate boat launch site and/or maintain boat launch connection to Salton Sea.

**Permit Reference:** SWRCB Order Measure R-7; 2002 EIS/EIR Measure R-7

**Accomplishments Through FY 2023:** Inventory of recreational facilities around the Salton Sea.

**FY 2024 Activities:** N/A.

**Proposed FY 2025 Activities:** N/A.

## Work Task 46: QSA JPA Website Maintenance Services

PROPOSED FY 2025	PROJECTED FY 2024	BUDGETED FY 2024	SPENT THROUGH FY 2023
\$ -	\$ -	\$ -	\$9,340

**Description and Purpose:** Maintain the QSA JPA website.

**Permit Reference:** N/A

**Accomplishments Through FY 2023:** The QSA JPA website was developed.

**FY 2024 Activities:** Water Authority staff operate and maintain the QSA JPA website to minimize costs to the JPA.

**Proposed FY 2025 Activities:** No expense to the QSA JPA is expected for this item. Will continue operation and maintenance of QSA JPA website using Water Authority staff.