



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

AGENDA

WEBINAR/CONFERENCE CALL

June 6, 2022

9:00 AM

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

Conference Call Number: (619) 483-4264 **Conference ID Number:** 758 736 051#

San Diego County Water Authority

Lobby Conference Room
4677 Overland Avenue
San Diego, CA 92123

AS PERMITTED UNDER AB 361, IN AN EFFORT TO PROTECT PUBLIC HEALTH, PREVENT THE SPREAD OF COVID-19 (CORONAVIRUS), AND BECAUSE STATE AND/OR LOCAL OFFICIALS ARE RECOMMENDING MEASURES TO PROMOTE SOCIAL DISTANCING, MEMBERS OF THE PUBLIC MAY VIEW OR LISTEN TO THIS MEETING ONLINE AND PROVIDE PUBLIC COMMENT TELEPHONICALLY BY CALLING THE PHONE NUMBER LISTED ABOVE (LIMITED TO 3 MINUTES) OR PRIOR TO THE MEETING BY E-MAILING COMMENTS TO THE QSA JPA GENERAL COUNSEL AT JEFF.FERRE@BBKLAW.COM AND IT WILL BE READ ALOUD AT THE PUBLIC COMMENT PERIOD (LIMITED TO 3 MINUTES). THERE WILL ALSO BE A PUBLIC LOCATION FOR ATTENDING THIS MEETING IN PERSON AT THE ADDRESS SET FORTH ABOVE.

PRELIMINARY MATTERS

1. Call to Order
2. Roll Call - Determination of Quorum
3. Action: Adopt Resolution No. 2022-03 of the Commission of the Quantification Settlement Agreement Joint Powers Authority Authorizing Remote Teleconference/Virtual Meetings of the Legislative Body for the Period of June 6, 2022 to July 6, 2022 Pursuant to Brown Act Provisions (Jeff Ferre, BBK)
4. Public Comment - Opportunity for members of the public who wish to address the Authority on matters within the Authority's jurisdiction

ORGANIZATIONAL MATTERS

5. Action: Approve minutes of regular QSA JPA meeting held March 23, 2022 (Alexi Schnell, SDCWA)
6. Information: FY 2023 QSA JPA Meeting Logistics (Alexi Schnell, SDCWA)

FINANCIAL MATTERS

7. Information: Treasurer's Report ending March 31, 2022 (Chris Woidzik, SDCWA)
8. Information: Financial Report ending March 31, 2022 (Chris Woidzik, SDCWA)

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.

9. Action: Review and consider approval of QSA JPA Fiscal Year 2023 Budget and Work Plan (Alexi Schnell, SDCWA and Jessica Humes, IID)

IMPLEMENTATION

10. Information: Status report on implementation of mitigation measures (Jessica Humes, IID)
11. Information: Managed Marsh land valuation (Tina Shields, IID)
12. Information: Update on State Salton Sea Management Program (Miguel Hernández, CNRA)
13. Adjourn

MEMORANDUM

TO: QSA JPA Commissioners

FROM: General Counsel

RE: Adoption Of Resolution No. 2022-03 Of The Commission Of The Quantification Settlement Agreement Joint Powers Authority ("Authority") Re-Authorizing Remote Teleconference/Virtual Meetings Of The Legislative Body For The Period Of June 6, 2022 to July 6, 2022 Pursuant To Brown Act Provisions.

DATE: June 6, 2022

Summary:

The Governor has signed AB 361 which sets forth the process by which public agencies can continue to engage in virtual meetings so long as certain criteria remain in place, which are the result of the COVID State of Emergency. This legislation took effect immediately and will sunset January 1, 2024. AB 361 also applies during other emergencies, such as fires or earthquakes.

Recommendation:

That the Commission adopt Resolution No. 2022-03 Re-Authorizing Remote Teleconference/Virtual Meetings Of The Authority's Legislative Body For the Period Of June 6, 2022 to July 6, 2022.

Summary:

Under AB 361, the Authority may use teleconferencing/virtual meetings (no physical location required). AB 361 does not include the remote agenda posting and remote public access requirements which normally apply for teleconferenced meeting under the Brown Act provisions which predate COVID-19.

The authority to implement AB 361 must be re-established every 30 days. As a condition of extending the use of the provisions found in Government Code Section 54953(e), the Commission must reconsider the circumstances of the State of Emergency that exist. The current circumstances exist. On March 4, 2020, the Governor

proclaimed a State of Emergency to exist in California as a result of the threat of COVID-19 and that State of Emergency remains in effect. In addition, state officials have issued orders imposing or recommending social distancing measures for certain individuals and in certain situations. For example, and not by way of limitation, social distancing is referenced in guidance on vaccine doses for persons who are immunocompromised and in certain situations under general industry safety orders.

Furthermore, the state legislature has made findings that by removing the requirement that public meetings be conducted at a primary physical location with a quorum of members present, AB 361 protects the health and safety of civil servants and the public and does not preference the experience of members of the public who might be able to attend a meeting in a physical location over members of the public who cannot travel or attend that meeting in a physical location.

Since the next Commission meeting will take place after the 30-day period expires, a similar resolution will need to be adopted at the beginning of the next Commission meeting along the same lines as what is being recommended for this current meeting.

RESOLUTION NO. 2022-03
A RESOLUTION OF THE COMMISSION OF THE
QUANTIFICATION SETTLEMENT AGREEMENT JOINT POWERS AUTHORITY
RE-AUTHORIZING REMOTE TELECONFERENCE/VIRTUAL MEETINGS OF THE
LEGISLATIVE BODY FOR THE PERIOD OF JUNE 6, 2022 TO JULY 6, 2022 PURSUANT
TO BROWN ACT PROVISIONS

WHEREAS, the Commission of the Quantification Settlement Agreement Joint Powers Authority (“Authority”) is committed to preserving and nurturing public access and participation in meetings of the Commission; and

WHEREAS, meetings of the Commission (“Legislative Body”) are open and public, as required by the Ralph M. Brown Act (Government Code Sections 54950 – 54963); and

WHEREAS, the Brown Act makes provisions for remote teleconferencing participation subject to the existence of certain conditions. A required condition is that a state of emergency is declared by the Governor. It is further required that state or local officials have imposed or recommended measures to promote social distancing, or, meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, the Board previously adopted Resolution No. 2022-01 on January 6, 2022, and Resolution No. 2022-02 on March 23, 2022 which both made findings that the requisite conditions exist for the Legislative Body to conduct remote teleconference/virtual meetings without compliance with Government Code Section 54953(b)(3); and

WHEREAS, as a condition of extending the use of the provisions found in Government Code Section 54953(e), the Legislative Body must reconsider the circumstances of the State of Emergency that exist, and the Legislative Body has done so; and

WHEREAS, such conditions persist in the Authority, specifically, on March 4, 2020, the Governor proclaimed a State of Emergency to exist in California as a result of the threat of COVID-19 and that State of Emergency remains in effect. In addition, state officials have issued orders imposing or recommending social distancing measures for certain individuals and in certain situations. For example, and not by way of limitation, social distancing is referenced in guidance on vaccine doses for persons who are immunocompromised and in certain situations under general industry safety orders. Furthermore, the state legislature has made findings that by

removing the requirement that public meetings be conducted at a primary physical location with a quorum of members present, AB 361 protects the health and safety of civil servants and the public and does not preference the experience of members of the public who might be able to attend a meeting in a physical location over members of the public who cannot travel or attend that meeting in a physical location; and

WHEREAS, as a consequence of the State of Emergency and the social distancing recommendations mentioned above, the Authority shall conduct its Commission meetings without compliance with Government Code Section 54953(b)(3), as authorized by Government Code Section 54953(e), and said Legislative Body shall comply with the requirements to provide the public with access to the meetings as prescribed in Government Code Section 54953(e)(2); and

WHEREAS, as permitted under AB 361, the Authority will provide the public with the ability to listen and view Commission meetings online or virtually. Members of the public who wish to provide comment may make comments virtually.

NOW THEREFORE, BE IT RESOLVED by the Commission of the Authority that this Commission finds and determines:

1. The Recitals in this Resolution are true and correct and the Commission so finds, determines and represents. Said Recitals are incorporated herein and made a part of this Resolution.
2. The Legislative Body, as well as the Chief Administrative Officer or her designee, are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code Section 54953(e) and other applicable provisions of the Brown Act.
3. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of: (a) July 6, 2022; or (b) such time as the Board adopts a subsequent resolution in accordance with Government Code Section 54953(e)(3) to extend the time during which the Legislative Body may continue to teleconference without compliance with Government Code Section 54953(b)(3).

4. If any section, subsection, clause or phrase in this Resolution is for any reason held invalid, the validity of the remainder of this Resolution shall not be affected thereby. The Commission hereby declares that it would have passed this Resolution and each section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that one or more sections, subsections, sentences, clauses or phrases or the application thereof be held invalid.

PASSED AND ADOPTED on this 6th day of June 2022, at a Regular Meeting of the Commission, by the following roll call vote:

AYES: _____, _____, _____, _____, _____

NOES: _____

ABSENT: _____

ATTEST:

Alexi Schnell

Chief Administrative Officer



**QUANTIFICATION SETTLEMENT AGREEMENT
JOINT POWERS AUTHORITY
VIRTUAL MEETING MINUTES
March 23, 2022, at 3:00 p.m.**

Commissioners and Alternates present:

Arturo Delgado, California Natural Resources Agency (CNRA) – Chair
 Dan Denham, San Diego County Water Authority (SDCWA) – Commissioner
 Henry Martinez, Imperial Irrigation District (IID) – Commissioner
 Robert Cheng, Coachella Valley Water District (CVWD) – Alternate Commissioner
 Kelly Rodgers, SDCWA – Alternate Commissioner
 Tina Shields, IID– Alternate Commissioner

QSA JPA staff present:

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

Others present:

Tonya Marshall, California Department of Fish and Wildlife	Cindy Matejovsky, IID
Miguel Hernández, CNRA	Patrick O'Dowd, Salton Sea Authority
Mario Llanos, CNRA	Dennis Davis, SDCWA
Jessica Schroeder, CNRA	Wendy Joplin, SDCWA
Shannon Ayala, Davis Farr	Darren Simon, SDCWA
Joanna Hoff, IID	Chris Woidzik, SDCWA
Jessica Humes, IID	

PRELIMINARY MATTERS

1. Action: Adopt Resolution No. 2022-02 of the Commission of the Quantification Settlement Agreement Joint Powers Authority Authorizing Remote Teleconference/Virtual Meetings of the Legislative Body for the Period of March 23, 2022 to April 22, 2022 Pursuant to Brown Act Provisions
 Commissioner Denham made a motion to adopt the resolution, which was seconded by Commissioner Martinez. The resolution was adopted unanimously by a roll call vote.
2. Call to Order
 Chair Arturo Delgado called the meeting to order at 3:05 p.m.
3. Roll Call
 There was a quorum of the Commission present at the time of the meeting.
4. Public Comment
 There were no public comments at that time.

ORGANIZATIONAL MATTERS

5. Action: Approve minutes of regular QSA JPA meeting held January 6, 2022
Commissioner Denham made a motion to approve the minutes with a correction to agenda item No. 1. Action: Adopt Resolution No. 2022-01, corrected to reflect that the motion on the item was seconded by Alternate Commissioner Rodgers. Commissioner Denham's motion was seconded by Commissioner Martinez. The minutes were approved unanimously by a roll call vote.
6. Information: Streamlined process for routine professional services invoices (Dennis Davis, SDCWA)
Mr. Davis presented a measure implemented by Water Authority staff to streamline the processing of certain, routine QSA JPA professional services invoices. The Water Authority will curtail the 14-day advance notice for professional services invoices stemming from four QSA JPA budget expenditures: (1) JPA Audit Fees, (2) JPA Bank Fees, (3) Financial Advisor, and (4) QSA JPA Website. These expenditures have been authorized by the Commission in prior adopted budgets and are anticipated to be requested in future budgets. The subject invoices will continue to be vetted through the Water Authority's review process, including that they adhere to the current year adopted budget, before payment is made.

FINANCIAL MATTERS

7. Information: Fiscal Year 2022 Audit Engagement (Chris Woidzik, SDCWA and Shannon Ayala, Davis Farr)
Mr. Woidzik shared the timeline for the annual audit and then introduced auditor Shannon Ayala from Davis Farr, LLP to update the Commission.

Ms. Ayala presented the Audit Engagement Letter and the SAS 114 Planning Letter. To comply with the Statement on Auditing Standards 134, several changes were made to the engagement letter compared to the engagement letter from 2021, including format changes and reporting requirements. The Audit Engagement Letter did not increase fees from the prior year. Ms. Ayala explained the scope of the audit was to express an opinion that the financial statement and disclosures are free of material misstatement, evaluate internal controls and the risk of material misstatement attributable to those, and indicate compliance with applicable laws and regulations, contracts, and agreements. She also 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.
8. Information: Treasurer's Report ending December 31, 2021 (Chris Woidzik, SDCWA)
Mr. Woidzik provided a review of the Treasurer's Report ending December 31, 2021. The quarter ended with \$39.5 million in cash and investments. The majority of that was in asset-backed securities of approximately \$22 million, held by Chandler Asset Management amongst others, with the remainder of \$17.3 million in the Local Agency Investment Fund (LAIF). The effective rate of return is approximately 0.57%, and the interest received was \$113,278.56. Three deposits were made in the quarter for water agency contributions totaling approximately \$9.4 million and three invoices were paid totaling approximately \$1.8 million. The total outstanding balance due was \$82.4 million, or \$56.4 million at net present value at 6%.
9. Information: Financial Report ending December 31, 2021 (Chris Woidzik, SDCWA)
Mr. Woidzik provided a review of the Financial Report ending December 31, 2021. Total assets were \$95.6 million with \$1.6 million in liabilities. Unavailable mitigation contributions were \$56 million, and the total fund balance was \$37.5 million. Total revenues were \$10.7 million and total expenditures \$3.3 million. Approximately 29% of the budget was spent to date. He concluded with a summary of expenses on Tasks 2, 8 and 24, as included in the Budget Status Report.

IMPLEMENTATION

10. 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 started its pre-summer maintenance activities for the marsh, including irrigating the marsh for the upcoming summer. IID expects an increase in their monthly invoice amounts for water orders related to the irrigation.

Task 15 – Pre-Construction Activity Burrowing Owl Surveys and Relocation: IID reported on-going burrowing owl pre-activity inspections. As the beginning of the burrowing owl breeding season starts, IID has ensured that its water department staff have attended IID's annual environmental mitigation training to avoid burrowing owl nests, both potential and active.

Task 24 – Salton Sea Air Quality Mitigation: The Mundo surface roughening project is planned for construction Spring 2022. As for surface roughening activity, IID received solicitations for air station, operation, and maintenance and its Bombay Beach surface roughening project. A solicitation for the Poe Road surface roughening has been posted, which is expected to start towards the end of Summer 2022. IID is finishing its annual emissions estimate and Proactive Dust Control Plan that are both part of IID's reporting for the Salton Sea Air Quality Mitigation Program. IID reported that the total exposed playa acreage at the end of 2021 was approximately 27,700 acres.

IID also shared an update on its Clubhouse shallow groundwater test well, designed to determine if a groundwater source exists that could irrigate vegetation and help control dust. Construction of the shallow groundwater test well began in mid-February. Water was found at approximately 332 feet below ground surface. A pump test will be conducted in March 2022, and, upon conclusion of the test, IID will seek a building permit from Imperial County for the project. IID plans to have three additional wells at the project site along with a series of water tanks to hold pumped groundwater that will be used to irrigate the playa. Similar wells are planned for the Bombay Beach and San Felipe Wash areas. IID shared photos and a drone video of the Clubhouse test well.

Alternate Commissioner Shields added that the purpose of the groundwater test well is to determine the groundwater depth and to take water quality samples to make sure the water is viable for irrigation before committing resources to a full-scale well. She also noted that construction of the Clubhouse test well was partially funded by a Bureau of Reclamation grant.

IID also noted that it finished its annual Mitigation Implementation Report and draft FY 2023 Budget, both of which would be distributed to the Habitat Conservation Plan Implementation Team for review after the meeting.

Commissioner Denham recommended naming a project after the late Bruce Wilcox to recognize his contributions to the Salton Sea. Commissioner Martinez and Alternate Commissioner Shields agreed to work with IID staff to explore options and return to the Commission with ideas for consideration.

IID noted that a reception will be held in Bruce Wilcox's honor at the April 2022 Salton Sea Summit.

11. Information: Managed Marsh land valuation (Tina Shields, IID)

Alternate Commissioner Shields reminded the Commission that at the January 6, 2022 meeting, the Commission discussed options for valuation of the land given that past appraisals were conducted in 2010 and were paid for by the QSA JPA. An updated appraisal is estimated to cost approximately \$50,000. She reported that since the last meeting, IID real estate staff was unable to identify any potential qualified local appraisers to complete the work. She indicated that, as an option, IID real estate staff could perform an updated analysis based on recent land sales near the marsh property, examining the impact that the property size and proximity to others could have on the valuation.

IID staff is looking into whether it can obtain assistance from a third-party entity to complete the suggested comparative market analysis. IID would bring the analysis back to the Commission for its consideration and request a modest level of funding for costs related to the third-party assistance, if employed, in the FY 2023 budget. Alternate Commissioner Shields also mentioned that IID staff would return to the Commission regarding reimbursement to IID or a credit off IID future payments to the QSA JPA for the marsh property.

Alternate Commissioner Rodgers commented that the intent is to keep the momentum going on identifying a fair valuation of the managed marsh land, and an update on the land valuation will be provided at the June 2022 meeting.

12. Information: Update on State Salton Sea Management Program (Miguel Hernández, CNRA)

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

Long-Range Plan: The committee met on March 2, 2022, and covered the planning process for the long-range plan, initiated the solicitation of feedback from committee members and the public on restoration concepts, and solicited feedback on draft evaluation criteria. Due to the high level of interest at the March 2 meeting, two follow up meetings were scheduled the week of March 14, 2022, covering the same topics, to gather more feedback and recommendations from the committee and public. Drafts of the Long-Range Plan Preliminary Restoration Concepts and Evaluation Criteria are posted on CNRA's SSMP website. The deadline to submit comments is April 4, but it could be extended.

Mr. Hernández identified the following Salton Sea events that will be hosted by either the SSMP team or SSMP partners:

- Community Meeting: SSMP Update and Overview of the National Environmental Policy Act Process and how it relates to the SSMP 10-Year Plan – Wednesday, March 30
 - A virtual community meeting where the SSMP team will provide an overview of the federal process now underway to consider how projects at the Salton Sea may affect the environment. There are opportunities for the public to provide input on a draft Environmental Assessment that is anticipated to be released in April.
- Independent Review Panel Update: Screening Report Completed – Monday, April 11
 - A zoom meeting to review the completed Screening Report that identifies which concepts provided sufficient information to be evaluated and involved water importation methods.
- Annual Report Pre-Workshop – Tentatively set for Tuesday, April 12
 - The SSMP team will host an in-depth presentation of the recently released 2022 Annual Report.

Commissioner Martinez encouraged the SSMP team to continue to diversify its advertising strategies to maximize public participation from the community at SSMP events.

13. Adjournment

Before the meeting was adjourned, Alexi Schnell (CAO) reminded the Commission that the June 6, 2022, meeting is the last meeting of FY 2022 and has been scheduled for 90 minutes to facilitate review of the FY 2023 QSA JPA budget.

The meeting was adjourned at 3:57 p.m.

Quantification Settlement Agreement
Joint Powers Authority
Treasurer's Report
at March 31, 2022

<u>Investment Type</u>	<u>% Limit</u>	<u>% of Portfolio</u>	<u>Book</u>
Local Agency Investment Fund (LAIF)	\$75M - Maximum	41%	\$ 15,629,251.26
Treasury Securities	100%	24%	9,129,940.49
Federal Agency Securities	100%	19%	7,346,440.00
Medium Term Notes	100%	11%	4,062,172.95
Supranationals	100%	3%	1,301,526.00
Asset Back Securities	100%	1%	233,905.39
Chandler Managed Account (BNY)	100%	0%	149,633.36
CA Asset Mgmt Program (CAMP)	25%	0%	59,939.97
CEO Account (Wells Fargo)	100%	0%	10,804.55
Total Cash and Investments		100%	\$ 37,923,613.97
Effective Rate of Return			0.63%
<u>Interest Earnings (Cash and Investments):</u>			
Fiscal Year to Date			\$ 179,385.08
Average Term			787
Average Days to Maturity (730 Days Maximum)			518



Lisa Marie Harris, Treasurer

Quantification Settlement Agreement
Joint Powers Authority
Treasurer's Report
at March 31, 2022

Deposit & Invoice Activity:

Date	Name	Deposits	Invoices
Total Fiscal Year 6/30/2004		\$ 4,387,846.00	\$ -
Total Fiscal Year 6/30/2005		\$ 1,758,945.00	\$ (1,959,440.28)
Total Fiscal Year 6/30/2006		\$ 2,161,019.83	\$ (4,555,061.94)
Total Fiscal Year 6/30/2007		\$ 2,347,672.00	\$ (2,938,474.58)
Total Fiscal Year 6/30/2008		\$ 11,644,612.84	\$ (5,779,276.79)
Total Fiscal Year 6/30/2009		\$ 6,870,567.00	\$ (8,251,293.97)
Total Fiscal Year 6/30/2010		\$ 14,545,715.00	\$ (9,061,269.71)
Total Fiscal Year 6/30/2011		\$ 5,849,675.00	\$ (5,944,418.65)
Total Fiscal Year 6/30/2012		\$ 6,585,384.00	\$ (1,851,265.44)
Total Fiscal Year 6/30/2013		\$ 7,497,513.00	\$ (4,335,543.28)
Total Fiscal Year 6/30/2014		\$ 10,699,074.00	\$ (10,987,218.93)
Total Fiscal Year 6/30/2015		\$ 17,331,735.00	\$ (14,361,492.54)
Total Fiscal Year 6/30/2016		\$ 15,222,157.00	\$ (22,997,264.03)
Total Fiscal Year 6/30/2017		\$ 29,162,833.00	\$ (21,104,845.03)
Total Fiscal Year 6/30/2018		\$ 18,183,882.00	\$ (16,428,573.00)
Total Fiscal Year 6/30/2019		\$ 20,121,404.00	\$ (5,447,961.38)
Total Fiscal Year 6/30/2020		\$ 11,654,013.00	\$ (8,417,595.87)
Total Fiscal Year 6/30/2021		\$ 5,366,051.00	\$ (18,469,059.88)
07/01/2021	IID Operating Cost	\$ 1,500,000.00	
07/28/2021	Mitigation # 1177		\$ (352,602.20)
08/23/2021	Mitigation # 1178		\$ (654,080.10)
09/29/2021	Mitigation # 1179		\$ (908,646.99)
10/22/2021	Mitigation # 1180		\$ (515,630.09)
11/19/2021	Mitigation # 1181		\$ (251,160.54)
12/03/2021	Coachella Operating Cost	\$ 2,697,555.00	
12/29/2021	SDCWA Operating Cost	\$ 3,801,632.00	
12/30/2021	Mitigation # 1182		\$ (1,031,320.15)
12/30/2021	IID Operating Cost	\$ 2,885,115.00	
02/03/2022	Mitigation # 1183		\$ (428,088.22)
03/11/2022	Mitigation # 1184		\$ (1,199,718.04)
Total Fiscal Year 6/30/2022 (YTD)		\$ 10,884,302.00	\$ (5,341,246.33)
Totals to date:		\$ 202,274,400.67	\$ (168,231,301.63)

Reconciliation of Deposit and Invoice Activity to Total Cash and Investments:

Deposits	\$ 202,274,400.67
Invoices	(168,231,301.63)
Subtotal	34,043,099.04
Interest Earned - Fiscal Year to Date 2022	179,385.08
Interest Earned - Fiscal Year 2021	256,696.76
Interest Earned - Fiscal Year 2020	875,225.18
Interest Earned - Fiscal Year 2019	867,814.64
Interest Earned - Fiscal Year 2018	367,384.75
Interest Earned - Fiscal Year 2017	169,676.70
Interest Earned - Fiscal Year 2016	99,489.54
Interest Earned - Fiscal Year 2015	43,822.46
Interest Earned - Fiscal Year 2014	36,595.42
Interest Earned - Fiscal Year 2013	60,004.09
Interest Earned - Fiscal Year 2012	45,850.28
Interest Earned - Fiscal Year 2011	66,144.04
Interest Earned - Fiscal Year 2010	48,102.28
Interest Earned - Fiscal Year 2009	173,945.72
Interest Earned - Fiscal Year 2008	376,499.98
Interest Earned - Fiscal Year 2007	135,591.60
Interest Earned - Fiscal Year 2006	127,788.23
Interest Earned - Fiscal Year 2005	86,031.33
Interest Earned - Fiscal Year 2004	7,822.91
Fees Paid - Inception to Date	(77,669.48)
Interest not yet received at March 31, 2022	(65,686.58)
Total Cash & Investments	\$ 37,923,613.97

Quantification Settlement Agreement
Joint Powers Authority
Treasurer's Report
at March 31, 2022

Deposit History (Inception-to-Date):

<u>Calendar Year</u>	<u>Payment Type</u>	<u>SDCWA (1)</u>	<u>IID</u>	<u>CVWD</u>	<u>Total</u>
2003	Original Payment	\$ 2,340,273.00	\$ 402,069.00	\$ 1,645,504.00	\$ 4,387,846.00
2004	Original Payment	1,032,775.00	-	726,170.00	1,758,945.00
2005	Original Payment	969,146.83	418,191.00	773,682.00	2,161,019.83
2006	Original Payment	848,849.00	574,316.00	924,507.00	2,347,672.00
2007	Advance Payment	4,094,225.00	1,658,950.00	2,878,752.00	8,631,927.00
2007	Original Payment	1,214,878.84	739,432.00	1,058,375.00	3,012,685.84
2008	Advance Payment	2,164,086.00	876,872.00	1,521,623.00	4,562,581.00
2008	Original Payment	-	761,615.00	1,546,371.00	2,307,986.00
2009	Original Payment	7,879,603.00	941,356.00	5,724,756.00	14,545,715.00
2010	Original Payment	2,770,483.00	1,131,196.00	1,947,996.00	5,849,675.00
2011	Original Payment	3,084,803.00	1,331,579.00	2,169,002.00	6,585,384.00
2012	Original Payment	3,496,247.00	1,542,967.00	2,458,299.00	7,497,513.00
2013	Original Payment	5,245,201.00	1,765,841.00	3,688,032.00	10,699,074.00
2014	Original Payment	5,291,989.00	1,818,816.00	3,720,930.00	10,831,735.00
2015	Advance Payment	2,000,000.00	6,500,000.00	1,000,000.00	9,500,000.00
2015	Original Payment	6,076,346.00	1,873,380.00	4,272,431.00	12,222,157.00
2016	Advance Payment	1,800,000.00	5,125,000.00	2,000,000.00	8,925,000.00
2016	Original Payment	8,254,386.00	1,929,582.00	5,803,865.00	15,987,833.00
2017	Advance Payment	1,850,000.00	4,250,000.00	500,000.00	6,600,000.00
2017	Original Payment	8,314,814.00	1,987,469.00	5,531,599.00	15,833,882.00
2018	Advance Payment	1,750,000.00	3,500,000.00	500,000.00	5,750,000.00
2018	Original Payment	6,914,667.00	2,261,221.00	5,195,516.00	14,371,404.00
2019	Advance Payment	1,750,000.00	2,800,000.00	1,000,000.00	5,550,000.00
2019	Original Payment	1,060,053.00	2,473,610.00	745,350.00	4,279,013.00
2020	Advance Payment	850,000.00	1,825,000.00	-	2,675,000.00
2020	Original Payment	1,050,836.00	2,726,346.00	738,869.00	4,516,051.00
2021	Advance Payment	-	1,500,000.00	-	1,500,000.00
2021	Original Payment	3,801,632.00	2,885,115.00	2,697,555.00	9,384,302.00
		-	-	-	-
	Totals to date:	<u>\$ 85,905,293.67</u>	<u>\$ 55,599,923.00</u>	<u>\$ 60,769,184.00</u>	<u>\$ 202,274,400.67</u>

⁽¹⁾ SDCWA payments shown above are reduced by credits for payments made to the Bureau of Reclamation regarding responsibility for implementation of Conservation and Mitigation Measures for the Colorado River.

Total Outstanding Balance Due at March 31, 2022				
Payment Schedules ⁽²⁾	SDCWA	IID	CVWD	Total
Nominal amount	\$ 8,934,198	\$ 74,006,808	\$ 8,854,313	\$ 91,795,319
Present value (@ 6%)	\$ 8,163,112	\$ 48,556,465	\$ 8,141,741	\$ 64,861,318

⁽²⁾ Source: Modification of Payment Schedules per Agreement dated May 20, 2015

QSA JPA - Fiscal Year 2022
Portfolio Management
Portfolio Summary
March 31, 2022

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Managed Pool Accounts	15,838,824.59	15,838,824.59	15,838,824.59	41.77	1	1	0.356	0.361
Passbook/Checking Accounts	10,804.55	10,804.55	10,804.55	0.03	1	1	0.000	0.000
Medium Term Notes	3,900,000.00	3,825,830.20	4,062,172.95	10.71	1,389	952	0.886	0.898
Federal Agency - Coupon	7,250,000.00	6,998,062.50	7,346,440.00	19.37	1,378	800	0.401	0.407
Treasury - Coupon	9,100,000.00	8,750,760.43	9,129,940.49	24.07	1,277	902	0.483	0.490
Supranationals	1,300,000.00	1,226,626.50	1,301,526.00	3.43	1,637	1,139	0.569	0.577
Asset Backed Securities	229,216.00	229,451.09	233,905.39	0.62	1,257	692	0.417	0.423
	37,628,845.14	36,880,359.86	37,923,613.97	100.00%	787	518	0.460	0.466

Investments

Total Earnings	March 31	Month Ending	Fiscal Year To Date
Current Year		21,215.48	158,324.51
Average Daily Balance		38,301,281.02	
Effective Rate of Return		0.65%	

QSA Joint Powers Authority,

QSA JPA - Fiscal Year 2022
Portfolio Management
Portfolio Details - Investments
March 31, 2022

Page 1

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			149,633.36	149,633.36	149,633.36	0.010		0.010	1	
SYS1001	1001	CAMP - QSA OPERATING			59,939.97	59,939.97	59,939.97	0.250	AAA	0.250	1	
SYS1000	1000	Local Agency Investment Fund			15,629,251.26	15,629,251.26	15,629,251.26	0.365		0.365	1	
Subtotal and Average			16,160,431.20		15,838,824.59	15,838,824.59	15,838,824.59			0.361	1	
Passbook/Checking Accounts												
SYS100	100	Wells Fargo Bank			10,804.55	10,804.55	10,804.55			0.000	1	
Subtotal and Average			47,991.06		10,804.55	10,804.55	10,804.55			0.000	1	
Medium Term Notes												
023135BX3	20048	Amazon		06/09/2021	250,000.00	234,642.50	250,235.00	1.000	AA-	0.980	1,502	05/12/2026
037833DT4	20005	Apple Inc		05/15/2020	125,000.00	119,492.50	125,710.00	1.125	AAA	1.006	1,136	05/11/2025
037833CQ1	20019	Apple Inc		06/30/2020	125,000.00	125,072.50	129,272.50	2.300	AAA	0.372	40	05/11/2022
06406HCS6	20021	BNY Mellon		06/30/2020	125,000.00	127,263.75	137,736.25	3.650	A	0.709	674	02/04/2024
06051GHR3	20020	Bank of America		06/30/2020	125,000.00	125,843.75	135,600.00	3.458	A-	1.117	1,079	03/15/2025
06051GEU9	20038	Bank of America		08/18/2020	125,000.00	126,391.25	133,401.25	3.300	A-	0.477	296	01/22/2023
06367WB85	20061	Bank of Montreal		09/25/2021	250,000.00	240,530.00	258,362.50	1.850	A-	1.054	1,126	05/01/2025
06406RBA4	20070	Bank of NY Mellon		01/26/2022	125,000.00	120,613.75	125,402.50	2.050	A	1.981	1,761	01/26/2027
808513BN4	20064	Charles Schwab Corp		09/27/2021	250,000.00	241,865.00	251,097.50	0.750	A	0.565	717	03/18/2024
438516BW5	20015	Honeywell International		06/23/2020	250,000.00	249,470.00	265,285.00	2.300	A	0.768	867	08/15/2024
24422EVC0	20022	John Deere Owner Trust		06/30/2020	125,000.00	122,742.50	132,176.25	2.050	A	0.757	1,014	01/09/2025
46625HRL6	20006	JP MORGAN SECURITIES LLC		05/15/2020	125,000.00	125,531.25	129,938.75	2.700	A-	1.280	412	05/18/2023
46647PBK1	20049	JP MORGAN SECURITIES LLC		06/09/2021	150,000.00	144,916.50	155,842.50	2.083	A-	1.053	1,482	04/22/2026
58933YAF2	20023	Merck & Co Inc		06/30/2020	250,000.00	252,045.00	266,602.50	2.800	AA-	0.478	412	05/18/2023
69353RFL7	20039	PNC Bank		08/18/2020	250,000.00	253,297.50	270,380.00	3.500	A	0.485	433	06/08/2023
747525AF0	20050	Qualcomm Inc		06/09/2021	250,000.00	254,970.00	274,905.00	3.450	A-	0.715	1,145	05/20/2025
78013XZU5	20001	RBC CAPITAL MARKETS		05/15/2020	125,000.00	124,538.75	130,016.25	2.550	A	1.552	837	07/16/2024
78015K7H1	20068	RBC CAPITAL MARKETS		12/28/2021	125,000.00	118,185.87	123,932.12	1.150	A	1.423	1,166	06/10/2025
89236TJK2	20062	Toyota Auto Receivables		09/17/2021	250,000.00	232,260.00	249,850.00	1.125	AAA	1.034	1,539	06/18/2026
89114QCA4	20024	Toronto Dominion Bank		06/30/2020	125,000.00	124,937.50	133,626.25	2.650	A	0.869	803	06/12/2024
89114TZD7	20052	Toronto Dominion Bank		06/17/2021	150,000.00	138,531.00	150,562.50	1.200	A	1.122	1,524	06/03/2026
87612EBM7	20071	Target Corp		01/26/2022	100,000.00	96,726.83	100,345.83	1.950	A	1.878	1,750	01/15/2027
92826CAC6	20017	Visa Inc		06/23/2020	125,000.00	125,962.50	131,892.50	2.800	AA-	0.398	257	12/14/2022
Subtotal and Average			4,062,198.66		3,900,000.00	3,825,830.20	4,062,172.95			0.898	952	
Federal Agency - Coupon												
3133ELYR9	20004	Federal Farm Credit Bank		05/14/2020	500,000.00	500,005.00	500,200.00	0.250	AA+	0.230	35	05/06/2022
313379Q69	20008	Federal Home Loan Bank		05/29/2020	500,000.00	501,555.00	519,135.00	2.125	AA+	0.305	70	06/10/2022

Portfolio JPA

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QSA JPA - Fiscal Year 2022
Portfolio Management
Portfolio Details - Investments
March 31, 2022

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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												
3130A4CH3	20013	Federal Home Loan Bank		06/22/2020	500,000.00	499,215.00	543,535.00	2.375	AA+	0.509	1,078	03/14/2025
313380GJ0	20031	Federal Home Loan Bank		08/17/2020	500,000.00	502,225.00	518,605.00	2.000	AA+	0.190	161	09/09/2022
3137EAEP0	20002	Federal Home Loan Mtg Corp		05/14/2020	500,000.00	486,450.00	523,435.00	1.500	AA+	0.499	1,048	02/12/2025
3137EAER6	20014	Federal Home Loan Mtg Corp		06/22/2020	500,000.00	492,055.00	500,695.00	0.375	AA+	0.326	399	05/05/2023
3137EAEU9	20030	Federal Home Loan Mtg Corp		08/11/2020	500,000.00	466,790.00	500,035.00	0.375	AA+	0.373	1,207	07/21/2025
3137EAES4	20033	Federal Home Loan Mtg Corp		08/17/2020	500,000.00	489,655.00	499,860.00	0.250	AA+	0.260	451	06/26/2023
3137EAEX3	20041	Federal Home Loan Mtg Corp		10/14/2020	250,000.00	232,340.00	249,067.50	0.375	AA+	0.451	1,271	09/23/2025
3137EAEX3	20051	Federal Home Loan Mtg Corp		06/16/2021	500,000.00	464,680.00	494,625.00	0.375	AA+	0.631	1,271	09/23/2025
3135G03U5	20003	Federal National Mtg Assn		05/14/2020	500,000.00	472,735.00	502,235.00	0.625	AA+	0.533	1,117	04/22/2025
3135G04Z3	20029	Federal National Mtg Assn		08/11/2020	500,000.00	469,180.00	502,750.00	0.500	AA+	0.385	1,173	06/17/2025
3135G05G4	20032	Federal National Mtg Assn		08/17/2020	500,000.00	489,230.00	499,835.00	0.250	AA+	0.261	465	07/10/2023
3135G05X7	20040	Federal National Mtg Assn		10/14/2020	250,000.00	232,960.00	249,155.00	0.375	AA+	0.445	1,242	08/25/2025
3135G06G3	20042	Federal National Mtg Assn		11/30/2020	250,000.00	233,067.50	250,012.50	0.500	AA+	0.499	1,316	11/07/2025
3135G05X7	20055	Federal National Mtg Assn		06/24/2021	500,000.00	465,920.00	493,260.00	0.375	AA+	0.704	1,242	08/25/2025
Subtotal and Average			7,346,440.00		7,250,000.00	6,998,062.50	7,346,440.00			0.407	800	
Treasury - Coupon												
9128282N9	20009	U.S. Treasury		05/29/2020	500,000.00	496,815.00	537,695.31	2.125	AA+	0.305	852	07/31/2024
912828ZL7	20025	U.S. Treasury		06/30/2020	500,000.00	468,655.00	502,285.16	0.375	AA+	0.280	1,125	04/30/2025
912828ZM5	20026	U.S. Treasury		06/30/2020	500,000.00	499,935.00	499,687.50	0.125	AA+	0.159	29	04/30/2022
912828ZP8	20027	U.S. Treasury		06/30/2020	500,000.00	490,625.00	499,335.94	0.125	AA+	0.171	409	05/15/2023
912828ZY9	20036	U.S. Treasury		08/17/2020	500,000.00	488,225.00	499,218.75	0.125	AA+	0.179	470	07/15/2023
91282CAC5	20037	U.S. Treasury		08/17/2020	500,000.00	498,905.00	499,804.69	0.125	AA+	0.145	121	07/31/2022
91282CBH3	20044	U.S. Treasury		02/19/2021	300,000.00	276,786.00	297,410.16	0.375	AA+	0.552	1,401	01/31/2026
91282CBC4	20045	U.S. Treasury		03/05/2021	250,000.00	231,132.50	246,230.47	0.375	AA+	0.693	1,370	12/31/2025
91282CBQ3	20046	U.S. Treasury		03/05/2021	250,000.00	231,397.50	247,343.75	0.500	AA+	0.717	1,429	02/28/2026
91282CBT7	20053	U.S. Treasury		06/21/2021	500,000.00	466,815.00	497,402.34	0.750	AA+	0.861	1,460	03/31/2026
91282CBN0	20056	U.S. Treasury		06/25/2021	600,000.00	592,032.00	599,109.38	0.125	AA+	0.213	333	02/28/2023
91282CCF6	20057	U.S. Treasury		06/25/2021	400,000.00	372,468.00	397,312.50	0.750	AA+	0.890	1,521	05/31/2026
91282CCG4	20058	U.S. Treasury		06/25/2021	400,000.00	381,764.00	397,390.63	0.250	AA+	0.471	806	06/15/2024
91282CCK5	20059	U.S. Treasury		06/30/2021	600,000.00	586,734.00	598,312.50	0.125	AA+	0.266	455	06/30/2023
91282CCP4	20060	U.S. Treasury		08/10/2021	400,000.00	369,592.00	396,656.25	0.625	AA+	0.800	1,582	07/31/2026
91282CCW9	20063	U.S. Treasury		09/16/2021	500,000.00	464,065.00	498,671.88	0.750	AA+	0.805	1,613	08/31/2026
912828T91	20065	U.S. Treasury		09/24/2021	500,000.00	496,055.00	514,023.44	1.625	AA+	0.285	578	10/31/2023
912828D1	20066	U.S. Treasury		09/24/2021	500,000.00	495,275.00	510,781.25	1.375	AA+	0.256	517	08/31/2023
91282CCZ2	20067	U.S. Treasury		11/02/2021	500,000.00	466,015.00	493,066.41	0.875	AA+	1.166	1,643	09/30/2026
91282CDG3	20069	U.S. Treasury		12/27/2021	400,000.00	377,469.43	398,202.18	1.125	AA+	1.260	1,674	10/31/2026
Subtotal and Average			9,130,324.33		9,100,000.00	8,750,760.43	9,129,940.49			0.490	902	

Portfolio JPA

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QSA JPA - Fiscal Year 2022
Portfolio Management
Portfolio Details - Investments
March 31, 2022

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CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 365	Days to Maturity	Maturity Date
Supranationals												
4581X0DM7	20011	Inter-American Devel Bank		06/08/2020	250,000.00	245,780.00	250,900.00	0.500	AAA	0.378	418	05/24/2023
4581X0DV7	20047	Inter-American Devel Bank		04/23/2021	300,000.00	280,209.00	299,826.00	0.875	AAA	0.887	1,480	04/20/2026
459058JB0	20012	Intl Bank Recon & Develop		06/08/2020	250,000.00	236,087.50	250,480.00	0.625	AAA	0.585	1,117	04/22/2025
459058JL8	20043	Intl Bank Recon & Develop		01/28/2021	500,000.00	464,550.00	500,320.00	0.500	AAA	0.486	1,306	10/28/2025
Subtotal and Average			1,301,526.00		1,300,000.00	1,226,626.50	1,301,526.00			0.577	1,139	
Asset Backed Securities												
47789JAD8	20018	John Deere Owner Trust		06/26/2020	18,615.09	18,644.44	19,104.46	2.910	A	1.061	472	07/17/2023
47789JAD8	20054	John Deere Owner Trust		06/23/2021	44,676.25	44,746.68	45,220.74	2.910	A	0.000	472	07/17/2023
89232HAC9	20028	Toyota Auto Receivables		07/08/2020	165,924.66	166,059.97	169,580.19	1.660	AAA	0.463	775	05/15/2024
Subtotal and Average			252,369.77		229,216.00	229,451.09	233,905.39			0.423	692	
Total and Average			38,301,281.02		37,628,845.14	36,880,359.86	37,923,613.97			0.466	518	

Portfolio JPA

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QSA JPA - Fiscal Year 2022
Portfolio Management
Portfolio Details - Cash
March 31, 2022

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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			38,301,281.02		37,628,845.14	36,880,359.86	37,923,613.97			0.466	518

Portfolio JPA

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QSA JPA - Fiscal Year 2022
Portfolio Management
Activity Summary
March 2021 through March 2022

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Month End	Year	Number of Securities	Total Invested	Yield to Maturity		Managed Pool Rate	Number of Investments Purchased	Number of Investments Redeemed	Average Term	Average Days to Maturity
				360 Equivalent	365 Equivalent					
March	2021	48	35,942,168.25	0.367	0.372	0.343	2	2	512	414
April	2021	47	34,296,168.53	0.360	0.365	0.320	1	0	552	437
June	2021	59	32,260,579.48	0.368	0.373	0.242	12	0	776	625
December	2021	68	39,510,602.84	0.377	0.382	0.201	2	0	749	540
January	2022	70	39,527,609.56	0.387	0.392	0.202	2	0	758	532
February	2022	70	39,105,696.22	0.420	0.426	0.276	0	0	765	521
March	2022	70	37,923,613.97	0.460	0.466	0.361	0	0	787	518
Average		62	36,938,062.69	0.391%	0.397%	0.278	3	0	700	512

Portfolio JPA

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Unaudited
**QUANTIFICATION SETTLEMENT AGREEMENT
 JOINT POWERS AUTHORITY**

**BALANCE SHEET
 GENERAL FUND
 MARCH 31, 2022**

Assets:

Cash	\$ 10,805
Investments	36,692,958
Mitigation contributions receivable	28,198,988
Interest receivable	<u>28,283,686</u>
Total assets	<u>\$ 93,186,437</u>

Liabilities:

Accounts payable	<u>\$ 804,688</u>
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Deferred inflows of resources:

Unavailable mitigation contributions	<u>56,419,022</u>
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Fund balance:

Unassigned	<u>35,962,727</u>
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**Total liabilities, deferred inflows of resources,
 and fund balance**

\$ 93,186,437

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, 2022

Revenues:

Interest income (loss)	\$ (924,586) *
Mitigation contributions	<u>10,884,302</u>
Total revenues	<u>9,959,716</u>

Expenditures:

Environmental mitigation	4,144,020
Administrative	<u>17,091</u>
Total expenditures	<u>4,161,111</u>

Net changes in fund balance	5,798,605
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Fund balance at beginning of year	<u>30,164,122</u>
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Fund balance at end of year	<u><u>\$ 35,962,727</u></u>
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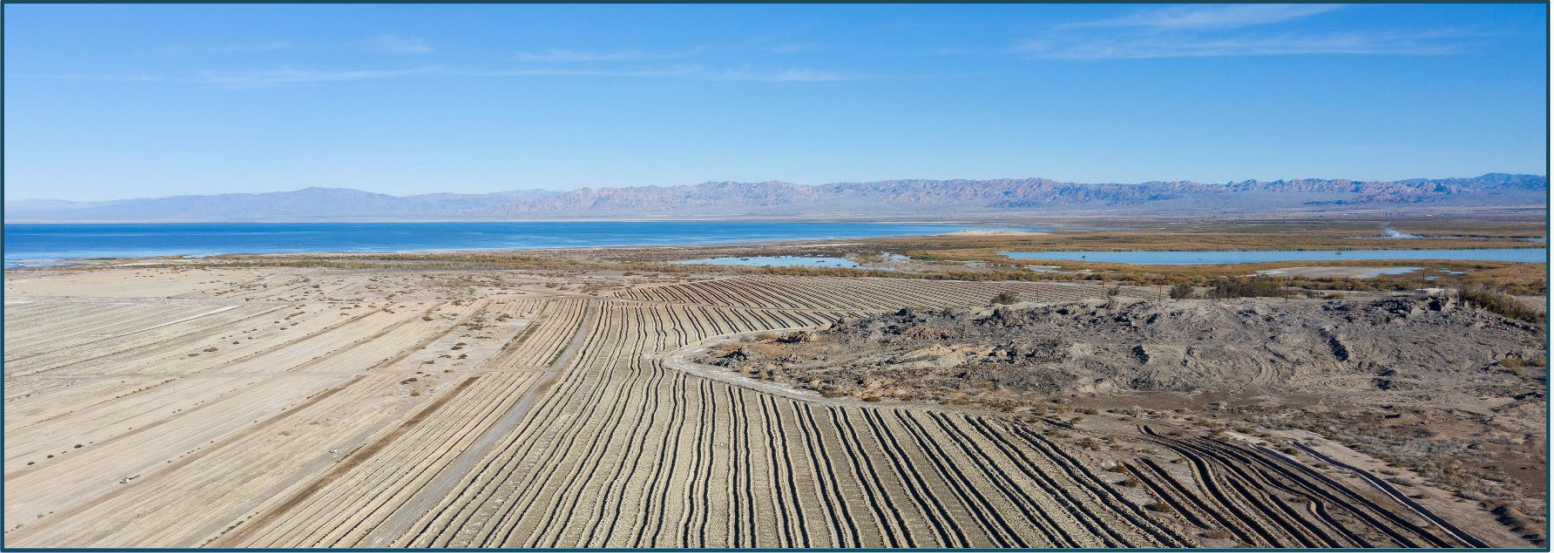
* Note: This is due to a mark-to-market value adjustment as required by accounting standards and is tied to interest rates. As interest rates change, the market values of the securities in the portfolio will also change, resulting in unrealized gains or losses. The QSA JPA follows the practice of holding its investments to maturity to receive scheduled principal and interest payments and avoid incurring any realized losses.

Unaudited**QUANTIFICATION SETTLEMENT AGREEMENT
JOINT POWERS AUTHORITY****SUPPLEMENTARY INFORMATION - BUDGET STATUS REPORT
FOR THE NINE MONTHS ENDED MARCH 31, 2022**

Task No.	Mitigation Tasks	Adopted FY 2022 Budget	Total Expenditures	Variance (Remaining)	Percent Complete
1	QSA Implementation Team	\$ -	\$ -	\$ -	0.0%
2	QSA Implementation Team Biologists	1,216,590	658,916	557,674	54.2%
3	Environmental Reporting and Monitoring	540	-	540	0.0%
4	Salton Sea Salinity and Elevation Program	10,610	15,326	(4,716)	144.4%
5	Salton Sea Mitigation Water to Salton Sea	-	-	-	0.0%
6	Tamarisk Scrub Habitat - Surveys and Mitigation	72,740	-	72,740	0.0%
7	Drain Habitat - Initial Vegetation and Habitat Surveys	-	-	-	0.0%
8	Drain Habitat (Aquatic) - Create/Manage/Monitor "Managed Marsh" Areas	931,480	290,715	640,765	31.2%
9	Drain Habitat Restrictions/Requirements for Construction and Maintenance	-	-	-	0.0%
10/10A	Worker Education Program Covered Species Training and Manual	640	-	640	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	8,950	3,639	5,311	40.7%
16	Burrowing Owl Relative Abundance and Distribution Surveys	-	-	-	0.0%
17	Farmer and Public Education Program	7,380	1,600	5,780	21.7%
18	Desert Pupfish Abundance and Distribution Study	6,530	(17,327)	23,857	-265.3%
19/19A	Pupfish Selenium Drain Studies	210,940	37,072	173,868	17.6%
20	Pupfish Construction and Maintenance Conservation Measures	500,000	63,761	436,239	12.8%
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	5,300	-	5,300	0.0%
24	Salton Sea Air Quality	8,596,440	3,089,989	5,506,451	35.9%
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	10,770	(210)	10,980	-1.9%
37	JPA Bank Fees	3,000	424	2,576	14.1%
38	Financial Advisor	16,000	7,537	8,463	47.1%
39	Bond Counsel Fees	-	-	-	0.0%
40	2001 Biological Opinion Measures	-	-	-	0.0%
41	Brown Pelican Coast	-	-	-	0.0%
42	Brown Pelican Sea	58,540	329	58,211	0.6%
43	Salton Sea Shoreline Strand Study	-	-	-	0.0%
44	Pupfish Refugium	31,930	-	31,930	0.0%
45	Recreation Facilities at Salton Sea	-	-	-	0.0%
46	QSA JPA Website	10,000	9,340	660	93.4%
Total Expenditures		\$ 11,698,380	\$ 4,161,111	\$ 7,537,269	35.6%



F
Y 2023



QSA JPA
Fiscal Year 2023
Budget & Work Plan
Proposed June 6, 2022



Quantification Settlement Agreement Joint Powers Authority

4677 Overland Avenue, San Diego, CA 92123



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QSA JPA FISCAL YEAR 2023 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.

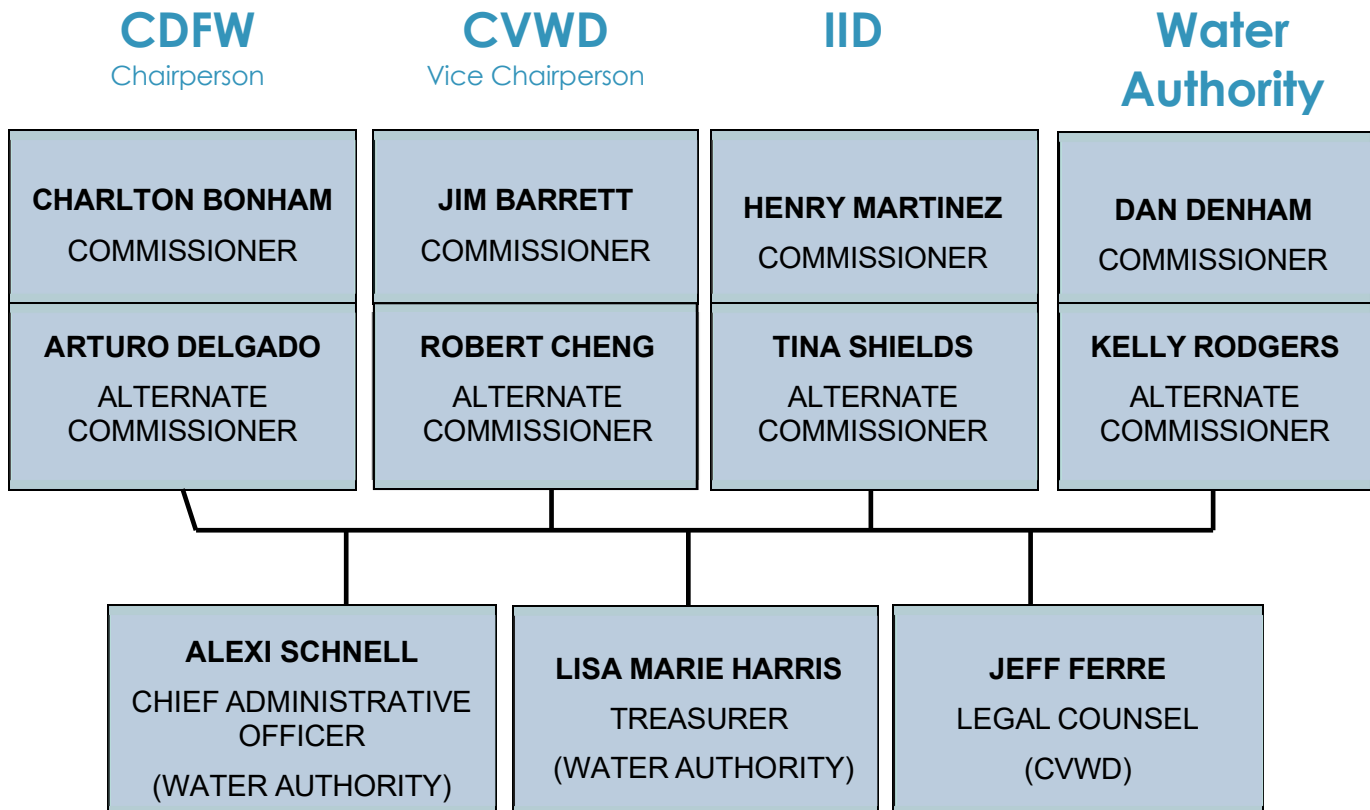


Figure 1. QSA JPA Organization Chart

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 2021 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 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. The remaining payments per the 2015 Advanced Funding Agreement are shown in Table 1.

Table 1. Water Agency Remaining Payment Schedule

Year	CVWD		IID		WATER AUTHORITY		TOTAL PAYMENTS	
	Due 12/31	Due 7/1	Due 12/31	Due 7/1	Due 12/31	Due 7/1	Calendar Year	Fiscal Year
2022	\$2,706,745		\$3,309,240		\$1,517,597		\$7,533,582	\$10,884,302
2023	\$2,733,006		\$4,746,284		\$1,221,837		\$8,701,127	\$7,533,582
2024	\$151,876		\$4,888,673		\$1,345,439		\$6,385,989	\$8,701,127
2025	\$565,131		\$5,035,333		\$1,047,693		\$6,648,157	\$6,385,989
2026			\$5,186,393				\$5,186,393	\$6,648,157
2027			\$5,341,985				\$5,341,985	\$5,186,393
2028			\$5,502,244				\$5,502,244	\$5,341,985
2029			\$5,130,911				\$5,130,911	\$5,502,244
2030			\$5,308,589				\$5,308,589	\$5,130,911
2031			\$5,322,392				\$5,322,392	\$5,308,589
2032			\$4,556,924				\$4,556,924	\$5,322,392
2033			\$6,005,020				\$6,005,020	\$4,556,924
2034			\$5,643,731				\$5,643,731	\$6,005,020
2035			\$5,143,974				\$5,143,974	\$5,643,731
2036								\$5,143,974
Total	\$6,156,758	\$0	\$71,121,693	\$0	\$5,132,566	\$0	\$82,411,018	\$93,295,320

SECTION 3: REVIEW OF ACTIVITIES IN FY 2022 AND FY 2021

On June 10, 2021, the QSA JPA Commission adopted the FY 2022 budget in the amount of \$11,698,380. Table 2 shows the FY 2022 budgeted and projected spending by mitigation task, based on approved invoice totals to date and remaining fiscal year projections by IID. Major expenses in the FY 2022 budget include implementing the Salton Sea Air Quality Mitigation Program (Task 24), the QSA Implementation Team (IT) Biologists (Task 2), and the Managed Marsh Areas (Task 8).

Table 2. Detailed FY 2022 Expenditures

TASK	TASK DESCRIPTION	BUDGETED FY 2022	PROJECTED FY 2022	BUDGET SAVINGS
2	QSA Implementation Team Biologists	\$ 1,216,590	\$ 1,112,748	\$ (103,842)
3	Environmental Reporting and Monitoring	\$ 540	\$ -	\$ (540)
4	Salton Sea Salinity and Elevation Program	\$ 10,610	\$ 16,330	\$ 5,720
6	Tamarisk Scrub Habitat - Surveys and Mitigation	\$ 72,740	\$ 25,000	\$ (47,740)
8	Drain Habitat (Aquatic) - Create/Manage/Monitor "Managed Marsh" Areas	\$ 931,480	\$ 467,957	\$ (463,523)
10/10A	Worker Education Program Covered Species Training and Manual	\$ 640	\$ -	\$ (640)
15	Pre-Construction Activity Burrowing Owl Surveys and Relocation	\$ 8,950	\$ 5,139	\$ (3,811)
17	Farmer and Public Education Program	\$ 7,380	\$ 7,380	\$ -
18	Desert Pupfish Abundance and Distribution Study	\$ 6,530	\$ 8,000	\$ 1,470
19/19A	Pupfish Selenium Drain Studies	\$ 210,940	\$ 100,000	\$ (110,940)
20	Pupfish Construction and Maintenance Conservation Measures	\$ 500,000	\$ 100,000	\$ (400,000)
23	Covered Species Baseline & Monitoring Surveys	\$ 5,300	\$ -	\$ (5,300)
24	Salton Sea Air Quality	\$ 8,596,440	\$ 5,409,989	\$ (3,186,451)
36	JPA Audit Fees	\$ 10,770	\$ 10,770	\$ -
37	JPA Bank Fees	\$ 3,000	\$ 3,000	\$ -
38	Financial Advisor	\$ 16,000	\$ 16,000	\$ -
42	Brown Pelican - Sea	\$ 58,540	\$ 5,000	\$ (53,540)
44	Pupfish Refugium	\$ 31,930	\$ 1,000	\$ (30,930)
46	QSA JPA Website	\$ 10,000	\$ 9,340	\$ (660)
	Total	\$ 11,698,380	\$ 7,297,653	\$ (4,400,727)

The projected budget savings and delayed expenditures for FY 2022 of \$4,400,727 is mostly due to the deferral of items under the Salton Sea Air Quality Mitigation Program (Task 24), Managed Marsh Areas (Task 8) and postponement of pupfish conservation measures (Task 20). Table 3 summarizes the FY 2022 budget projections.

Table 3. FY 2022 Budget Summary

FY 2022 BUDGET	PROJECTED FY 2022 EXPENDITURES	PROJECTED FY 2022 SAVINGS/DELAYS
\$ 11,698,380	\$ 7,297,653	\$ 4,400,727

On January 6, 2022, the QSA JPA Commission accepted an audit of its basic financial statements by Davis Farr Certified Public Accountants for fiscal years ending June 30, 2021 and 2020. Audited FY 2021 environmental mitigation expenditures totaled \$9,389,916, as depicted in Appendix 1. Based upon the audited cash balance of \$30,164,122 at the end of FY 2021, FY 2022 projected agency contributions and interest earnings of \$10,034,416, and projected FY 2022 budget spending of \$7,297,653, the QSA JPA expects to have a positive cash balance of \$32,900,885 at the end of FY 2022 (Table 4).

Table 4. FY 2022 Projected Fund Balance

DESCRIPTION			CASH FLOW
FY 2021 Audited Fund Balance (6-30-21)			\$30,164,122
Sources	Mitigation Contributions	\$10,884,302	\$10,034,416
	Interest Income	\$(849,886)	
Uses	Environmental Mitigation		\$(7,297,653)
FY 2022 Projected Fund Balance (6-30-22)			\$32,900,885

SECTION 4: FY 2023 BUDGET

The FY 2022 budget provides projected revenues of \$10,034,416 to meet anticipated expenditures from July 1, 2021 through June 30, 2022 of \$7,297,653, resulting in a net gain of \$2,736,763 from the previous fiscal year. FY 2023 will begin with the projected year-end FY 2022 fund balance of \$32,900,885.

Information summarizing the FY 2023 budget is presented in Tables 5 and 6. Table 5 provides the agency contributions scheduled for FY 2023 per the 2015 Advanced Funding Agreement, as well as funding contributions by agency through FY 2022. Revenue sources for FY 2023 include funding contributions of \$7,533,582 from the water agencies and interest income estimated at \$245,000.

Table 5. Summary of Mitigation Contributions by Water Agency

AGENCY	CONTRIBUTIONS THROUGH FY 2022	FY 2023 CONTRIBUTIONS
CVWD	\$60,769,184	\$2,706,745
IID	\$55,599,923	\$3,309,240
Water Authority ¹	\$85,905,294	\$1,517,597
Total Agency Contributions	\$202,274,401	\$7,533,582

Projected spending in FY 2023 is \$15,379,280 for environmental mitigation, shown by mitigation task in Table 7. Based upon the projected cash balance of \$32,900,885 at the end of FY 2022, FY 2023 combined sources of \$7,778,582, and projected FY 2023 budget spending of \$15,379,280, the QSA JPA expects to have a positive cash balance of \$25,300,187 at the end of FY 2023 (Table 6). Projected uses exceed sources indicating a decrease of \$7,600,698 in cash reserves for FY 2023.

Table 6. FY 2023 Projected Fund Balance

DESCRIPTION			CASH FLOW
FY 2022 Projected Cash Balance (6-30-22)			\$32,900,885
Sources	Mitigation Contributions	\$7,533,582	\$7,778,582
	Interest Income	\$245,000	
Uses	Environmental Mitigation		\$(15,379,280)
FY 2023 Projected Cash Balance (6-30-23)			\$25,300,187

¹ 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.

Table 7. Detailed FY 2023 Expenditures

TASK	TASK DESCRIPTION	FY 2023 BUDGET
1	QSA Implementation Team	\$ -
2	QSA Implementation Team Biologists	\$ 1,197,060
3	Environmental Reporting and Monitoring	\$ 560
4	Salton Sea Salinity and Elevation Program	\$ 8,000
5	Salton Sea Mitigation Water to Salton Sea	\$ -
6	Tamarisk Scrub Habitat - Surveys and Mitigation	\$ 74,920
7	Drain Habitat - Initial Vegetation and Habitat Surveys	\$ -
8	Drain Habitat (Aquatic) - Create/Manage/Monitor "Managed Marsh" Areas	\$ 564,080
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	\$ 3,390
16	Burrowing Owl Relative Abundance and Distribution Surveys	\$ -
17	Farmer and Public Education Program	\$ 7,600
18	Desert Pupfish Abundance and Distribution Study	\$ 6,750
19/19A	Pupfish Selenium Drain Studies	\$ 317,310
20	Pupfish Construction and Maintenance Conservation Measures	\$ 257,500
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	\$ 12,822,120
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	\$ 10,770
37	JPA Bank Fees	\$ 3,090
38	Financial Advisor	\$ 16,000
39	Bond Counsel Fees	\$ -
40	2001 Biological Opinion Measures	\$ -
41	Brown Pelican Coast	\$ -
42	Brown Pelican Sea	\$ 55,920
43	Salton Sea Shoreline Strand Study	\$ -
44	Pupfish Refugium	\$ 32,890
45	Recreation Facilities at Salton Sea	\$ -
46	QSA JPA Website Maintenance Services	\$ 1,320
Total		\$ 15,379,280

SECTION 5: FY 2023 WORK PLAN

The FY 2023 budget totaling \$15,379,280 includes environmental mitigation activities for compliance with environmental permits and regulatory requirements. A detailed breakdown of anticipated expenditures by task is provided in Table 7. 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 2023 are shown in Table 8 and include: Salton Sea Air Quality Mitigation Program (Task 24), the biologist team (Task 2), and the Managed Marsh Areas (Task 8).

Table 8. Major Expenditures in FY 2023

TASK	TASK DESCRIPTION	FY 2023 BUDGET	PERCENT OF TOTAL BUDGET
24	Salton Sea Air Quality	\$ 12,822,120	83%
2	QSA Implementation Team Biologists	\$ 1,197,060	8%
8	Drain Habitat (Aquatic) – Create, Manage, Monitor "Managed Marsh" Areas	\$ 564,080	4%
--	Other Tasks	\$ 796,020	5%
Total		\$ 15,379,280	100%

Implementation of the Salton Sea Air Quality Mitigation Program (Task 24) is the largest budgeted expenditure for FY 2023 totaling \$12,822,120 or 83 percent of the total FY 2023 budget. Air quality mitigation includes annual emissions inventory, air quality network operations and maintenance, proactive dust control planning, groundwater development, air quality mitigation planning, and restricting access.

The QSA IT Biologists (Task 2) is the second largest budgeted expenditure making up \$1,197,060 or 8 percent of the total budget. This item includes funding for nine full-time staff and expenses for their fleet of vehicles.

The Managed Marsh Areas (Task 8) is the third largest budgeted expenditure totaling \$564,080 or 4 percent of the total FY 2023 budget. Expenditures for FY 2023 include operations and maintenance of the existing marsh (all three phases). There are discussions underway of options for pricing and reimbursement of the Managed Marsh Areas land (owned by IID) that is expected to be brought to the Commission for review in FY 2023.

Other tasks make up the remaining 5 percent of the FY 2023 expenditures totaling \$796,020.

The budget also includes reimbursements to the Water Authority for designated financial costs such as bank fees, audit fees, website maintenance, 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 2023 expenditures and planned and completed work, are included in Appendix 2.

Appendix 1 – Audited Historical QSA JPA Spending, FY 2004 - FY 2021

Task	Task Description	Total FY 2004-2021	FY 2021	FY 2020	FY 2019	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2004-2012
1	QSA Implementation Team	\$383,879										\$383,879
2	QSA Implementation Team Biologists	\$8,685,799	\$982,168	\$910,337	\$1,081,358	\$1,026,602	\$769,055	\$613,942	\$505,547	\$536,389	\$490,019	\$1,770,382
3	Environmental Reporting and Monitoring	\$82,458										\$82,458
4	Salton Sea Salinity and Elevation Program	\$30,060	\$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	\$11,607,035	\$10,580,006	\$3,834,494	\$17,818,832
6	Tamarisk Scrub Habitat - Surveys and Mitigation	\$14,476		\$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	\$16,598,293	\$2,615,125	\$2,206,448	\$1,911,610	\$439,409	\$297,032	\$389,963	\$2,787,567	\$390,935	\$205,940	\$5,354,264
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
12	Desert Habitat Create/Maintain Desert Habitat	\$17,300										\$17,300
13	Changes to Operations on IID Canals to Avoid Covered Species	\$0										\$0

Appendix 1 – Audited Historical QSA JPA Spending, FY 2004 - FY 2021

Task	Task Description	Total FY 2004-2021	FY 2021	FY 2020	FY 2019	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2004-2012
14	Burrowing Owl Worker Annual Education and Manual	\$10,411										\$10,411
15	Pre-Construction Activity Burrowing Owl Surveys and Relocation	\$923,622				\$7,164	\$1,540	\$6,765		\$4,020	\$756	\$903,377
16	Burrowing Owl Relative Abundance and Distribution Surveys	\$3,516,853	\$46,155	\$206,984	\$224,314		\$20,000	\$59,509	\$28,172	\$13,145	\$35,072	\$2,883,502
17	Farmer and Public Education Program	\$15,755	\$1,600	\$2,437	\$2,150	\$1,600	\$935	\$1,416	\$1,435	\$2,876	\$260	\$1,046
18	Desert Pupfish Abundance and Distribution Study	\$92,367	\$60,307	\$17,653	\$116	\$8		\$24		\$14		\$14,245
19	Pupfish Selenium Drain Studies	\$2,461,740	\$167,559	\$118,586	\$157,978	\$36,468	\$66,650		\$1,482			\$1,913,017
20	Pupfish Construction and Maintenance Conservation Measures	\$181,497	\$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 ¹	\$5,395,188				\$800	\$947	\$17,000	\$62	\$151	\$53,333	\$5,322,895
24	Salton Sea Air Quality	\$28,402,952	\$5,478,183	\$4,553,484	\$4,024,938	\$3,483,968	\$3,809,309	\$2,797,387	\$601,399	\$348,604	\$286,877	\$3,018,803
25	Minimize Dust Emissions from Fallowed Lands	\$57,775										\$57,775

¹ Includes Avian Studies from FY 2006, 2007, and 2008.

Appendix 1 – Audited Historical QSA JPA Spending, FY 2004 - FY 2021

Task	Task Description	Total FY 2004-2021	FY 2021	FY 2020	FY 2019	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2004-2012
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 ²	\$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	\$3,229	\$3,950	\$4,618	\$310,271
36	JPA Audit Fees	\$168,958	\$10,770	\$10,560	\$10,350	\$10,350	\$10,350	\$12,147	\$11,911	\$11,680	\$11,452	\$69,388
37	JPA Bank Fees	\$31,641	\$2,082	\$2,495	\$1,405	\$1,526	\$1,584	\$1,609	\$1,678	\$1,603	\$1,708	\$15,951

² Includes Task 46 from previous years.

Appendix 1 – Audited Historical QSA JPA Spending, FY 2004 - FY 2021

Task	Task Description	Total FY 2004-2021	FY 2021	FY 2020	FY 2019	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2004-2012
38	Financial Advisor	\$38,727	\$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	\$5,188	\$4,017	\$1,171								\$0
43	Salton Sea Shoreline Strand Study	\$0										\$0
44	Pupfish Refugium	\$63,815			\$3,174			\$1,840	\$21,284			\$37,517
45	Recreation Facilities at Salton Sea	\$22,603			\$3,911	\$10,999	\$6,565		\$1,128			\$0
Total		\$168,285,124	\$9,389,916	\$15,087,064	\$7,584,446	\$14,890,812	\$23,406,274	\$21,389,559	\$15,571,929	\$11,893,373	\$4,924,529	\$44,147,222
Biological Opinion Measures Credited to Water Authority		\$3,349,126										\$3,349,126
Total JPA Expenditures		\$164,935,998	\$9,389,916	\$15,087,064	\$7,584,446	\$14,890,812	\$23,406,274	\$21,389,559	\$15,571,929	\$11,893,373	\$4,924,529	\$40,798,096

Appendix 2 – Work Plan by Mitigation Task

Work Task 1: QSA Implementation Team

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$383,879

Description and Purpose: The QSA Implementation Team is to hold quarterly Implementation Team (IT) meetings consisting of representatives from IID, USFWS, and CDFW, to guide implementation of the HCP and In-Valley CESA Permit for the duration of the HCP and Permit.

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

Accomplishments Through FY 2021: Quarterly implementation team meetings and annual budget review.

FY 2022 Activities: Quarterly implementation team meetings.

Proposed FY 2023 Activities: Quarterly implementation team meetings.

Appendix 2 – Work Plan by Mitigation Task

Work Task 2: QSA Implementation Team Biologists

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$1,197,060	\$1,112,748	\$1,216,590	\$8,685,799

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 2021: Environmental Mitigation Staff.

FY 2022 Activities: Environmental Mitigation Staff & Vehicles.

Proposed FY 2023 Activities: Environmental Mitigation Staff & Vehicles.

Work Task 3: Environmental Reporting and Monitoring

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$560	\$ -	\$540	\$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 2021: Annual report sent by March 31 of each year for the previous calendar year.

FY 2022 Activities: Printing and shipping costs for annual reports.

Proposed FY 2023 Activities: Printing and shipping costs for annual reports.

Appendix 2 – Work Plan by Mitigation Task

Work Task 4: Salton Sea Salinity and Elevation Program

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$8,000	\$16,330	\$10,610	\$30,060

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

Permit Reference: SWRCB-6; CESA Permit MMRP 40

Accomplishments Through FY 2021: Annual selenium monitoring.

FY 2022 Activities: Selenium analysis at the Salton Sea.

Proposed FY 2023 Activities: Selenium analysis at the Salton Sea.

Appendix 2 – Work Plan by Mitigation Task

Work Task 5: Salton Sea Mitigation Water to Salton Sea

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$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 2021: Delivered mitigation water to the Salton Sea.

FY 2022 Activities: Delivered 46,546 AF of mitigation water to the Salton Sea to resolve 2010 pre-delivery payback in FY 2020.

Proposed FY 2023 Activities: N/A.

Work Task 6: Tamarisk Scrub Habitat - Surveys and Mitigation

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$74,920	\$25,000	\$72,740	\$14,476

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 2021: Managed Marsh Complex native tree habitat in buffer zones installed.

FY 2022 Activities: Operation and maintenance of native tree habitat.

Proposed FY 2023 Activities: Operation and maintenance of native tree habitat.

Appendix 2 – Work Plan by Mitigation Task

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

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$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 2021: Baseline drain.

FY 2022 Activities: N/A.

Proposed FY 2023 Activities: N/A.

Appendix 2 – Work Plan by Mitigation Task

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

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$564,080	\$467,957	\$931,480	\$16,598,293

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 2021: Phase 1 built in 2009 - 365 acres. Phase 2 built in 2014 - 360 acres. Phase 3 design and construction. Buffer zones double as native tree habitat for construction projects.

FY 2022 Activities: Operation & Maintenance of Phase I and II of Managed Marsh Complex conducted. Phase III Design and Construction carried out.

Proposed FY 2023 Activities: O&M of Managed Marsh Complex Phases I, II, and III.

Appendix 2 – Work Plan by Mitigation Task

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

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$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 2021: Pre-construction surveys for construction activities.

FY 2022 Activities: Costs of biological monitors included as Environmental Specialists in Task 2.

Proposed FY 2023 Activities: Costs of biological monitors included as Environmental Specialists in Task 2.

Appendix 2 – Work Plan by Mitigation Task

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

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$640	\$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 2021: Annual worker education trainings conducted at the beginning of each calendar year and then an additional training mid-year for new employees.

FY 2022 Activities: Annual worker education program.

Proposed FY 2023 Activities: Annual worker education program.

Appendix 2 – Work Plan by Mitigation Task

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

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$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 tube 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 2021: Habitat survey conducted as part of initial habitat mapping at the beginning of the QSA.

FY 2022 Activities: N/A

Proposed FY 2023 Activities: N/A

Work Task 12: Desert Habitat Create/Maintain Desert Habitat

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$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 2021: N/A.

FY 2022 Activities: N/A.

Proposed FY 2023 Activities: N/A.

Appendix 2 – Work Plan by Mitigation Task

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

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$ -

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 2021: No major modifications to operations & maintenance activities to date.

FY 2022 Activities: N/A.

Proposed FY 2023 Activities: N/A.

Work Task 14: Burrowing Owl Worker Annual Education and Manual

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$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 2021: 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.

FY 2022 Activities: Annual education program rolled into Task 10/10A.

Proposed FY 2023 Activities: Annual education program rolled into Task 10/10A.

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

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$3,390	\$5,139	\$8,950	\$923,622

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 2021: Annual inspections of canals and drains prior to all operations and maintenance activities.

FY 2022 Activities: Pre-inspection activities are conducted by HCP Team members as soon as an operation/maintenance or construction activity is identified. HCP Team member and vehicles are covered under Task 2. Costs to Task 15 include materials and equipment. Assume no more than two burrows needing artificial relocation each year.

Proposed FY 2023 Activities: Pre-inspection activities are conducted by HCP Team members as soon as an operation/maintenance or construction activity is identified. HCP Team member and vehicles are covered under Task 2. Costs to Task 15 include materials and equipment. Assume no more than two burrows needing artificial relocation each year.

Appendix 2 – Work Plan by Mitigation Task

Work Task 16: Burrowing Owl Relative Abundance and Distribution Surveys

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$3,516,853

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 2021: Population Studies conducted in 2007/2008. Sub-Sampling conducted in 2011/2012.

"Efficacy study" on burrowing owl marking protocol in 2015/2016. Beginning of a 2-year subsampling effort in 2019 and 2020.

FY 2022 Activities: Burrowing Owl population subsampling event began in 2019 and ongoing through 2021.

Proposed FY 2023 Activities: N/A.

Appendix 2 – Work Plan by Mitigation Task

Work Task 17: Farmer and Public Education Program

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$7,600	\$7,380	\$7,380	\$15,755

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 2021: Design an ad and public outreach presentations to various groups.

FY 2022 Activities: Public outreach presentations, design an ad, etc.

Proposed FY 2023 Activities: Public outreach presentations, design an ad, etc.

Work Task 18: Desert Pupfish Abundance and Distribution Study

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$6,750	\$8,000	\$6,530	\$92,367

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 2021: Desert pupfish distribution monitoring protocol, purchasing of equipment, and implementation to date. IID environmental mitigation staff trained to survey for pupfish within drains around the Salton Sea.

FY 2022 Activities: Pupfish distribution surveys and equipment costs.

Proposed FY 2023 Activities: Monitoring of pupfish within IID drains at the Salton Sea by IID staff.

Work Task 19: Pupfish Selenium Drain Studies

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$317,310	\$100,000	\$210,940	\$2,461,740

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 2021: USGS Selenium Study completed in 2009. Recommendations from USGS study used to create Selenium Work Plan for the RWQCB Ag Waiver completed. 1st year of 3 year study began in late 2018.

FY 2022 Activities: Selenium analysis within IID drains, equipment costs, and data analysis.

Proposed FY 2023 Activities: Ongoing Selenium Work Plan activities.

Appendix 2 – Work Plan by Mitigation Task

Work Task 20: Pupfish Construction and Maintenance Conservation Measures

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$257,500	\$100,000	\$500,000	\$181,497

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 2021: 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 2022 Activities: Kicked off consultant to develop pupfish habitat connectivity plan.

Proposed FY 2023 Activities: Develop a Pupfish Habitat Connectivity Plan with consultant, USFWS, CDFW and CVWD for IID and CVWD drains.

Appendix 2 – Work Plan by Mitigation Task

Work Task 21: Salvage of Razorback Suckers when Dewatering Canals

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$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 2021: No relocation efforts have been conducted to date.

FY 2022 Activities: No Razorback Suckers were found.

Proposed FY 2023 Activities: Relocation of Razorback Suckers if needed.

Appendix 2 – Work Plan by Mitigation Task

Work Task 22: Maintain Habitat on Fallowed Parcels

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$ -

Description and Purpose: N/A

Permit Reference: N/A

Accomplishments Through FY 2021: 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.

FY 2022 Activities: N/A. Fallowing is no longer conducted as a conservation measure post 2017.

Proposed FY 2023 Activities: N/A.

Work Task 23: Covered Species Baseline and Monitoring Surveys

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$5,300	\$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 2021: Baseline survey of covered species completed in 2009. Imagery purchased for Imperial Valley Agricultural area. Annual marsh bird protocol surveys and Southwest Willow Flycatcher surveys conducted.

FY 2022 Activities: Covered species surveys.

Proposed FY 2023 Activities: Covered species surveys.

Appendix 2 – Work Plan by Mitigation Task

Work Task 24: Salton Sea Air Quality

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$12,822,120	\$5,409,989	\$8,596,440	\$28,402,952

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 2021: Annual emissions inventory, air quality network operations & maintenance, proactive dust control planning, groundwater development, air quality emissions inventory.

FY 2022 Activities: Annual emissions inventory, air quality network operations & maintenance, proactive dust control planning, groundwater development, air quality mitigation planning, restricting access, shallow tile install.

Proposed FY 2023 Activities: Annual emissions inventory, air quality network operations & maintenance, proactive dust control planning, groundwater development, air quality mitigation planning, restricting access.

Appendix 2 – Work Plan by Mitigation Task

Work Task 25: Minimize Dust Emissions from Fallowed Lands

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$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 2021: Fallowed fields are required to have a crop left in place for dust mitigation at the owners expense. No cost to the JPA.

FY 2022 Activities: N/A.

Proposed FY 2023 Activities: N/A.

Appendix 2 – Work Plan by Mitigation Task

Work Task 26: Drain Connectivity to Salton Sea Elevation Decrease

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$ -

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 2021: Drain connectivity for pupfish due to salinity levels is included in Task 20.

FY 2022 Activities: Included in Task 20.

Proposed FY 2023 Activities: Included in Task 20.

Appendix 2 – Work Plan by Mitigation Task

Work Task 27: Grade Spoil/Roads from Drain Maintenance

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$ -

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 2021: 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 2022 Activities: Included in Task 15.

Proposed FY 2023 Activities: Included in Task 15.

Appendix 2 – Work Plan by Mitigation Task

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

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$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 2021: N/A

FY 2022 Activities: N/A

Proposed FY 2023 Activities: N/A

Appendix 2 – Work Plan by Mitigation Task

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

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$ -

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

Permit Reference: CESA Permit MMRP 78

Accomplishments Through FY 2021: N/A.

FY 2022 Activities: N/A.

Proposed FY 2023 Activities: N/A.

Appendix 2 – Work Plan by Mitigation Task

Work Task 30: Southwestern Willow Flycatcher Surveys and Habitat Monitoring

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$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 2021: Included in Task 23.

FY 2022 Activities: Included in Task 23.

Proposed FY 2023 Activities: Included in Task 23.

Appendix 2 – Work Plan by Mitigation Task

Work Task 31: Elf Owl Surveys

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$ -

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 2021: Included in Task 23.

FY 2022 Activities: Included in Task 23.

Proposed FY 2023 Activities: Included in Task 23.

Appendix 2 – Work Plan by Mitigation Task

Work Task 32: Desert Tortoise Survey and Avoidance

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$ -

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 2021: Included in Task 23.

FY 2022 Activities: Included in Task 23.

Proposed FY 2023 Activities: Included in Task 23.

Appendix 2 – Work Plan by Mitigation Task

Work Task 33: Least Tern Surveys

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$ -

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 2021: Included in Task 23.

FY 2022 Activities: Included in Task 23.

Proposed FY 2023 Activities: Included in Task 23.

Appendix 2 – Work Plan by Mitigation Task

Work Task 34: Rail and Bittern Surveys

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$ -

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 2021: Included in Task 23.

FY 2022 Activities: Included in Task 23.

Proposed FY 2023 Activities: Included in Task 23.

Appendix 2 – Work Plan by Mitigation Task

Work Task 35: Management and Planning

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$12,730	\$336,979

Description and Purpose: Management and Planning.

Permit Reference: N/A

Accomplishments Through FY 2021: Costs for monthly accounting, invoicing, and budget development.

FY 2022 Activities: Costs for monthly accounting, invoicing, and budget development.

Proposed FY 2023 Activities: Costs for monthly accounting, invoicing, and budget development.

Appendix 2 – Work Plan by Mitigation Task

Work Task 36: JPA Audit Fees

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$10,770	\$10,770	\$10,770	\$168,958

Description and Purpose: To pay for JPA audit fees.

Permit Reference: N/A

Accomplishments Through FY 2021: Costs for JPA Auditor.

FY 2022 Activities: Costs for JPA Auditor.

Proposed FY 2023 Activities: Costs for JPA Auditor.

Appendix 2 – Work Plan by Mitigation Task

Work Task 37: JPA Bank Fees

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$3,090	\$3,000	\$3,000	\$31,641

Description and Purpose: To pay for JPA bank fees.

Permit Reference: N/A

Accomplishments Through FY 2021: Costs for JPA Bank Fees.

FY 2022 Activities: Costs for JPA Bank Fees.

Proposed FY 2023 Activities: Costs for JPA Bank Fees.

Appendix 2 – Work Plan by Mitigation Task

Work Task 38: Financial Advisor

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$16,000	\$16,000	\$16,000	\$38,727

Description and Purpose: To pay for financial advisor services.

Permit Reference: N/A

Accomplishments Through FY 2021: In FY07, 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 FY20, the QSA JPA hired Chandler Asset Management as an investment advisor.

FY 2022 Activities: Costs for investment management (Chandler Asset Management).

Proposed FY 2023 Activities: Costs for investment management (Chandler Asset Management).

Appendix 2 – Work Plan by Mitigation Task

Work Task 39: Bond Counsel Fees

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$25,000

Description and Purpose: To pay for bond counsel fees.

Permit Reference: N/A

Accomplishments Through FY 2021: In FY07, the QSA JPA hired Orrick, Herrington and Sutcliffe to advise on the potential issuance of bonds.

FY 2022 Activities: N/A.

Proposed FY 2023 Activities: N/A.

Appendix 2 – Work Plan by Mitigation Task

Work Task 40: 2001 Biological Opinion Measures

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$3,349,126

Description and Purpose: Bureau of Reclamation 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 2021: 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, MWD, and SDCWA, dated October 10, 2003, regarding responsibility for implementation of Conservation and Mitigation Measures for the Colorado River described in a US Fish and Wildlife Service Biological Opinion dated January 12, 2001.”

FY 2022 Activities: N/A.

Proposed FY 2023 Activities: N/A.

Appendix 2 – Work Plan by Mitigation Task

Work Task 41: Brown Pelican Coast

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$ -

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 2021: N/A.

FY 2022 Activities: N/A.

Proposed FY 2023 Activities: N/A.

Appendix 2 – Work Plan by Mitigation Task

Work Task 42: Brown Pelican Sea

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$55,920	\$5,000	\$58,540	\$5,188

Description and Purpose: To deliver mitigation water to Salton Sea until 2017 (2030 per HCP) to stabilize elevation and moderate salinity.

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

Accomplishments Through FY 2021: N/A.

FY 2022 Activities: Identified engineer of Brown Pelican Roost for Salton Sea.

Proposed FY 2023 Activities: Design of Brown Pelican Roost.

Appendix 2 – Work Plan by Mitigation Task

Work Task 43: Salton Sea Shoreline Strand Study

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$ -

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 2021: N/A.

FY 2022 Activities: Shoreline strand picked up in annual shoreline lidar imagery.

Proposed FY 2023 Activities: Shoreline strand picked up in annual shoreline lidar imagery.

Appendix 2 – Work Plan by Mitigation Task

Work Task 44: Pupfish Refugium

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$32,890	\$1,000	\$31,930	\$63,815

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 2021: Pupfish refugium built in 2010 and stocked in 2016.

FY 2022 Activities: Pupfish refugium operations and maintenance.

Proposed FY 2023 Activities: Pupfish refugium operations and maintenance.

Appendix 2 – Work Plan by Mitigation Task

Work Task 45: Recreation Facilities at Salton Sea

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$ -	\$ -	\$ -	\$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 2021: Inventory of recreational facilities around the Salton Sea.

FY 2022 Activities: N/A.

Proposed FY 2023 Activities: N/A.

Appendix 2 – Work Plan by Mitigation Task

Work Task 46: QSA JPA Website Maintenance Services

PROPOSED FY 2023	PROJECTED FY 2022	Budgeted FY 2022	SPENT THROUGH FY 2021
\$1,320	\$9,340	\$10,000	\$ -

Description and Purpose: Maintain the QSA JPA website.

Permit Reference: N/A

Accomplishments Through FY 2021: N/A.

FY 2022 Activities: Develop QSA JPA website.

Proposed FY 2023 Activities: Operation and maintenance of QSA JPA website.

RECOMMENDATION

Adopt the Amended QSA JPA Fiscal Year 2023
Budget & Work Plan in the amount of
\$15,379,280.

