



**QUANTIFICATION SETTLEMENT AGREEMENT JOINT POWERS AUTHORITY
REGULAR MEETING
AGENDA
WEBINAR/CONFERENCE CALL
June 10, 2021
9:30 AM**

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

Conference Call Number: (619) 483-4264 Conference ID Number: 309943250#

LOCATION

IN AN EFFORT TO PREVENT THE SPREAD OF COVID-19 (CORONAVIRUS), AND IN ACCORDANCE WITH THE GOVERNOR'S EXECUTIVE ORDER N-29-20, THERE WILL BE NO PUBLIC LOCATION FOR ATTENDING THIS BOARD MEETING IN PERSON. MEMBERS OF THE PUBLIC MAY LISTEN 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).

PRELIMINARY MATTERS

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

ORGANIZATIONAL MATTERS

4. Discussion: General Counsel Report – Preparation for presentation to the Salton Sea Authority (Jeff Ferre, BBK)
5. Action: Approve minutes of regular QSA JPA meeting held March 11, 2021 (Kara Mathews, SDCWA)
6. Information: QSA JPA Website (Kimberlyn Velasquez, SDCWA)

FINANCIAL MATTERS

7. Information: Treasurer's Report ending March 31, 2021 (Chris Woidzik, SDCWA)
8. Information: Financial Report ending March 31, 2021 (Chris Woidzik, SDCWA)
9. Action: Review and consider approval of QSA JPA Fiscal Year 2022 Budget & Work Plan (Kara Mathews, SDCWA and Jessica Humes, IID)

IMPLEMENTATION

10. Information: Status report on implementation of mitigation measures (Jessica Humes, IID)
11. Information: Update on Managed Marsh negotiations (Jessica Schroeder, CA DFW and Tina Shields, IID)
12. Information: Update on State Salton Sea Management Program (Evon Willhoff, CA DWR)
13. Adjourn

1 **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.



**QUANTIFICATION SETTLEMENT AGREEMENT
JOINT POWERS AUTHORITY
VIRTUAL MEETING MINUTES
March 11, 2021 at 9:00 a.m.**

Commissioners and Alternates present:

Arturo Delgado, California Natural Resources Agency (CNRA) – Chair
Jim Barrett, Coachella Valley Water District (CVWD) – Commissioner
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, San Diego County Water Authority (SDCWA) – Alternate Commissioner
Tina Shields, Imperial Irrigation District (IID) – Alternate Commissioner

JPA staff present:

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

Others present:

Shannon Ayala, Davis Farr LLP
Mike Cohen, Pacific Institute
Jessica Humes, IID
Wendy Joplin, SDCWA
Alan Okewole, SDCWA

Ivory Reyburn, CVWD
Jessica Schroeder, CNRA
Gail Sevens, CDFW
Darren Simon, SDCWA
Chris Woidzik, SDCWA

PRELIMINARY MATTERS

1. Call to Order

Chair Delgado called the meeting to order at 9:00 a.m.

2. Roll Call

There was a quorum of the Commission present at the time of the meeting.

3. Public Comment

There were no public comments at that time.

ORGANIZATIONAL MATTERS

4. Action: Approval of Minutes of Regular JPA Meeting Held December 10, 2020.

Commissioner Barrett made a motion to approve the minutes, seconded by Chair Delgado. The minutes were approved unanimously by a roll call vote.

5. Information: Website (Kara Mathews, SDCWA)

Ms. Mathews called on the public speaker.

Mike Cohen from the Pacific Institute made a public comment that JPA funds should be used to create the website and recommended to create a separate “QSAJPA.com” website for search engine optimization. He thanked the committee for the discussion.

Ms. Mathews opened up the item to discussion. Several comments were made, and questions were asked during the discussion on what to include on the website as far as content, concerns of cost, management and maintenance, where to put the website, and next steps.

Ms. Mathews replied she would do more research and provide an update at the next meeting.

FINANCIAL MATTERS

6. Information: Fiscal Year 2021 Audit Engagement (Chris Woidzik, SDCWA)

Mr. Woidzik introduced auditor Shannon Ayala from the Davis Farr LLP to update the committee on the Audit.

Ms. Ayala reviewed the Audit Engagement Letter and the SAS 114 Planning Letter. The engagement letter had no changes from the prior year and had a slight increase in fees from the prior year. She explained the scope of the audit was to express an opinion and that the auditors were not responsible for providing introductory or supplementary information. She explained the SAS 114 Planning Letter expressed two-way communications about fraud and fraud risk were important as well as any modifications to the audit approach. She said extra testing would be done in interest income and interest receivables this year. She concluded with a timeline and mentioned final field work would start in August 2021 with review of the financial statements.

7. Information: Treasurer’s Report ending December 31, 2020 (Chris Woidzik, SDCWA)

Mr. Woidzik provided a review of the Treasurer’s Report ending December 31, 2020. The month ended with \$36 million in cash and investments. LAIF had a significant amount at \$21 million. He mentioned Chandler Asset invested \$15 million and would invest another \$5 million in April. Interest earnings to date was \$136,000. \$3.7 million in invoices were paid during the quarter. He said annual contributions were received in the amount of \$4.5 million in deposits.

8. Information: Financial Report ending December 31, 2020 (Chris Woidzik, SDCWA)

Mr. Woidzik provided a review of the Financial Report ending December 31, 2020. Total assets were \$99.8 million with \$259,000 in liabilities. Total revenue was \$5.4 million, expenditures at \$3.6 million with a fund balance of \$35.9 million. Approximately 24 percent of the budget was spent to date. He concluded with a summary of expenses on certain tasks.

IMPLEMENTATION

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

Ms. Jessica Humes provided an update on various mitigation measures:

Mitigation Measure 2 – Implementation Team Biologists: The IID biologist team currently has two vacancies: Environmental Specialist II to fill a vacancy and an Environmental Specialist I, with interviews at the end of March.

Mitigation Measure 4 – Salton Sea Salinity and Elevation Program: IID has partnered with IID’s Water Quality Program and is currently collecting quarterly salinity samples at the Salton Sea.

Mitigation Measure 8 – Drain Habitat for Managed Marsh Complex: All emergent wetlands ponds have been filled for nesting bird season. IID staff will conduct marsh bird surveys. Phase 3 has seen a

lot of shore bird activity as vegetation begins to grow. IID has a new invasive species control contractor who does weed spray control.

Mitigation Measure 15 - Pre-Construction Activity Burrowing Owl Surveys and Relocation: As part of COVID restrictions, IID has had to adapt to training to staff virtually and created a burrowing owl education video. The training went out in February.

Mitigation Measure 19 – Pupfish Selenium Drain Studies: There is ongoing monitoring for tasks 1 and 2 as part of the salinity monitoring. IID is coordinating with the Regional Water Quality Control Board as part of the monitoring effort.

Mitigation Measure 23 – Covered Species Baseline and Monitoring Surveys: Southwestern flycatcher surveys started this month.

10. Information: Update on Air Quality Mitigation Program Dust Control Projects (Jessica Humes, IID)

Ms. Humes provided an update on the Air Quality Mitigation Programs Dust Control Projects. She began with background on overall rules and regulations. She explained there are four different agencies that are collaborated with: the Environmental Protection Agency (EPA), California Air Resources Board, Imperial County Air Pollution Control District (ICAPCD) and South Coast Air Quality Management District. She continued with what was included in the State Implementations Plan, which was air quality monitoring/modeling, emissions inventory, and control strategy. She reviewed PM10 emissions inventory in Imperial County and Salton Sea, and stated the annual emissions on the county's inventory for open areas is 199.96 tons per day. On a three-year average, the IID air quality program has found that the Salton Sea playa is only about 1.12 tons per day, which is low compared to all open areas.

Ms. Humes said that at the end of 2020 the Salton Sea playa was 25,589 acres compared to 23,917 acres in 2019. Of that 2,684 acres have proactive dust control projects on them-- 1,954 acres is surface roughening, and 730 acres include surface roughening and vegetation enhancement. 7,000 acres of playa around Salton Sea have been naturally revegetated. She explained the progress on a couple of maps. IID has 7,000 acres of projects in various planning stages. Eighty percent of dust emissions are coming off of 20 percent of the playa in the western shore. There is very little water opportunities in that area, so IID is looking for groundwater to see if that is a source for vegetation.

Ms. Humes further explained the process for dust control performance, which included spatial roughness mapping using LiDAR, sand motion monitoring, upwind/downwind monitoring and visual surveillance. She showed satellite pictures of Alamo South that showed the dust control methods in progress. She reviewed control efficiency during construction in the Alamo South and Red Hill Bay areas. After the operations and maintenance and land leveling, the dust emissions should be reduced going forward since construction is complete. She showed pictures of windstorms before and after surface roughening, which showed reduced dust emissions coming off the playa.

Commissioner Denham asked about sand capture if it was coming from natural desert environment and how much was attributable to the dunes moving toward the sea from the west.

Ms. Humes replied sand and dust came from the desert to the west and the sand dunes move closer every year and she will follow up with a better estimate at a future meeting.

Commissioner Denham asked who owns that land?

Ms. Humes stated the land is owned by the State of CA and/or BLM and the State manages most of it. She said their team has been working with BOR and BLM as well as the state parks to try to identify

who owns it. Also, IID is working on targeted messaging to the off-road recreational vehicles and will provide additional maps.

Commissioner Martinez made a comment about the off-roading issues.

Ms. Humes replied that the off-roaders like to deviate off the recreation paths so IID has added more no trespassing signage and repaired broken signage. They are trying to work with Anza Borrego Desert on an educational video so people understand why not to go on the playa.

Alternate Commissioner Cheng asked what do we plan on doing to spend the \$6.6 million for the rest of the year, and what about the JPA's liability for the fugitive emissions that are not caused from this area because the best control measures have already been implemented with our projects?

Ms. Humes explained the \$6.6 million will cover construction, irrigation and planting contractors to do additional vegetation establishment. Also, they are testing groundwater wells in the Salton City area and hoping to have bids back in 4-6 weeks. She further explained that IID was in the planning stages of additional shallow groundwater wells in the Salton City and San Felipe wash areas and were trying some additional plot studies including sand fences, hay bales, and other constructed dust control measures to reduce dust in areas where surface roughening and vegetation enhancement aren't possible.

Alternate Commissioner Ms. Shields replied to Mr. Cheng's liability question stating that there are legal issues involved.

11. Information: Update on State Salton Sea Management Program (Gail Sevens, CDFW)

Ms. Sevens provided an update on the Salton Sea Management Program (SSMP) and began with announcing the species conservation habitat constructions began in January and is ongoing. The SSMP team submitted an annual report to the State Water Board and it's available on the website, and the State Water Board Workshop is scheduled for March 17. She also announced the SSMP team had submitted an application to the US Army Corps of Engineers for the Environmental Assessment for the SSMP Phase 1 10-Year Plan and public notice was forthcoming and that would begin a 30-day public comment period for written comments to be received to the US Army Corps. She mentioned that some of the specific projects in the environmental assessment would include the Desert Shores Channel restoration project, Audubon California Bombay Beach Wetland Restoration, and the North Lake Demonstration project.

Ms. Sevens announced on the staffing front that the Department of Water Resources had opened a Program Manager position, with an application cut-off date of March 31 and to please spread the word. She said additionally, CDFW had hired a wildlife technician and other SSMP positions are in progress.

12. Adjournment

The meeting was adjourned 9:56 a.m.



QUANTIFICATION SETTLEMENT AGREEMENT JOINT POWERS AUTHORITY

4677 Overland Avenue • San Diego, California 92123
(858) 522-6732 FAX (858) 522-6565

June 10, 2021

Attention: QSA Joint Powers Authority Commissioners

QSA JPA Website (Information)

Background

At its March 11, 2021 meeting, the Quantification Settlement Agreement Joint Powers Authority Commission requested information on the potential costs and requirements for developing its first website. The website would be used to share information with the public, including QSA JPA-related records such as budget documents and meeting agendas and minutes. As the administrative agency of the QSA JPA, the San Diego County Water Authority (Water Authority) met with its website developer, Planeteria Media, to acquire a cost proposal based on the needs of the QSA JPA.

Website Contents

To keep development and security costs to a minimum, as well as required maintenance, Planeteria Media would develop a website housed under the Water Authority's existing website, www.sdcwa.org. Planeteria Media has an existing website design and theme already developed, but not yet used by the Water Authority, that would be used for the QSA JPA website.

The website would be made available under its own page as a subdomain of SDCWA.org (sdcwa.org/qsajpa) and made searchable through internet search engines.

The site would consist of three pages:

1. Homepage – description of QSA JPA organization, list of Commissioners and each agency's role in the QSA JPA, description of work funded over time by the QSA JPA
2. Board Meetings Page – list of meeting dates with agendas, minutes, and other associated meeting documents
3. Documents and Outside Sources Page – legal documents, planning documents, and links to associated outside websites

Timing

Planeteria Media's proposal outlines a multi-phase project plan. Once approved by the Commission, it would approximately two to three months for development. The QSA JPA staff would provide content edits and an opportunity for all QSA JPA agencies to review the website before it is launched for public use and viewing.

Costs

Costs for the website are outlined in Table 1 and also included in the attached website design and development proposal. The total proposed costs to develop and maintain the site in the first year are projected at \$10,000 as follows:

Table 1. Website Costs

Description	Cost
Design and Development Total	\$6,710
First Year Annual Managed Maintenance	\$1,320
As-needed Services Allowance (\$110/hour)	\$1,970
Security and Domain Name (Funded by the Water Authority)	\$425*
Total Cost to QSA JPA	\$10,000

**A typical website requires ongoing security (SSL) certificates of \$100 per year, hosting fees of \$300 per year, and domain name fees of \$25 per year. Because this website will be housed under the Water Authority's website, those costs will be absorbed by the Water Authority.*

A new Task 46 – QSA JPA Website is included with \$10,000 not-to-exceed budget for this item in the proposed Fiscal Year 2022 Budget and Work Plan.

Subsequent budgets will include annual managed maintenance costs. Approximately every five years, more comprehensive updates to keep up with technological advancements with additional fees are expected.

Recommendation

QSA JPA staff recommends the Commission approve the development of the proposed QSA JPA website (housed under the San Diego County Water Authority website) by Planeteria Media and include \$10,000 in the fiscal year 2022 budget for website development and annual maintenance.

Prepared by: Kara Mathews, QSA JPA Chief Administrative Officer
Kimberlyn Velasquez, SDCWA Public Affairs Representative

Attachment: Website Design and Development Proposal



PLANETERIA MEDIA

WWW.PLANETERIA.COM

FEDERAL EIN: 45-4957640

CA MICRO SMALL BUSINESS CERTIFICATION: 1759443

DUNS & BRADSTREET NUMBER : 079196688

San Diego County Water Authority

WEBSITE DESIGN & DEVELOPMENT



PROPOSAL ISSUED: APRIL 26, 2021

PREPARED FOR:

Kimberlyn Velasquez - Public Affairs Representative
San Diego County Water Authority
4677 Overland Avenue, San Diego, California 92123
P: 858.522.6722 **E:** kvelasquez@sdcwa.org

PREPARED BY:

Tyler Coffin - Sales & Business Development Director
Planeteria Media
110 Stony Point Road, Ste 225, Santa Rosa, California 95401
P: 707.843.3773 **E:** tyler@planeteria.com

SECTION ONE



PROJECT PLAN

WEBSITE DESIGN PROCESS

Here is an overview of the project in its seven phase project plan. We understand timelines overlap, we value flexibility and we are experts at balancing and prioritizing all of your needs. Throughout the lifetime of the project, we will provide deliverables and collect feedback with regular communication and documentation. Weekly meetings will help us stay on track.

Below is a sample schedule estimate:

PHASE ONE: DISCOVERY - 2 WEEKS

The Discovery Phase lays the foundation of the project by helping further identify the needs of your stakeholders, better define your audience and furthers clarify project goals.

I. Questionnaire & Documents

SDCWA will fill out and complete the provided digital questionnaire.

SDCWA Deliverable: Completed Questionnaire & Requested Documents

II. Kick-Off

Planeteria will conduct full site walk-through of SDCWA's live website to solicit feedback from your primary stakeholders to further investigate the needs and opportunities for your existing site. Other agenda items may be discussed.

Planeteria Deliverable: Site Walk-Through

PHASE TWO: INFORMATION ARCHITECTURE - 3 WEEKS

The Information Architecture Phase's primary function is to streamline your navigation and content for the new site.

I. Sitemap

Based on the findings from the Discovery Phase, we will create a sitemap outlining the high-level architecture of SDCWA's website.

Planeteria Deliverable: Interactive Sitemap Link

Versions: 2

Rounds of Feedback: 1

SDCWA Deliverable: Feedback & Approval

II. Wireframes

We will review previous wireframes created for SDCWA.org and select appropriate page types needed for this website.

Planeteria Deliverable: Interactive Wireframe Link

SDCWA Deliverable: Selection of Wireframes Needed

PHASE THREE: VISUAL DESIGN - 4 WEEKS

The Visual Design phase establishes the overall design for the site

I. Colors & Typography

Selection of primary colors and secondary colors. Typography will use the same font options as SDCWA.

Planeteria Deliverable: Colors & Fonts

Versions: 2

Rounds of Feedback: 1

SDCWA Deliverable: Feedback & Approval

II. Page Type Designs

We will apply the approved color and typography design principles to the homepage and design the remaining approved page type wireframes.

Planeteria Deliverable: Interactive Page Type Design Link

Versions: 2

Rounds of Feedback: 1

SDCWA Deliverable: Feedback & Approval

PHASE FOUR: CONTENT STRATEGY & MIGRATION -3 WEEKS

The Content Strategy & Migration Phase establishes the strategy for migrating and establishing content for the new site.

I. Mapping Content

Through various exercises we will help SDCWA map content from the existing site and where it goes on the new site based on the approved sitemap and designs. This process helps identify what content is and isn't being migrated to the new site, missing and needs to be edited.

Planeteria Deliverable: Creation of Mapping Strategy Exercises

SDCWA Deliverable: Complete Assigned Exercises

II. Content Migration

Planeteria will migrate all identified content from the existing site as well as content from the completed Content Sanctuary.

Planeteria Deliverable: Content Migration

PHASE FIVE: BETA DEVELOPMENT- 4 WEEKS

The Beta Development Phase is dedicated to the development of the site based on the previously approved and completed phases.

I. Server, CMS Setup & Functionality

We create necessary accounts, set up GIT (version control), install plugins, create database and modify CMS based on security best practices. All site functionality is integrated and customized in this phase including: board meetings agendas, board members, projects and a documents and

outside sources page.

Planeteria Deliverable: Server & CMS Setup

II. Template Development

We will develop the page type templates based on the approved designs.

Planeteria Deliverable: Developed Templates

III. Quality Assurance

We will review the site in different browsers and devices to ensure that the pages with the content scale appropriately based on the approved desktop designs.

Planeteria Deliverable: Internal Quality Assurance

IV. Beta Site & Initial Training

You will be presented and provided access to a beta (draft) developed/interactive version of the website that is complete as possible based on the content provided by SDCWA. An initial training on how to use the backend of the site is provided.

Planeteria Deliverable: Beta Site & Initial Training

PHASE SIX: QUALITY ASSURANCE & LAUNCH- 2 WEEKS

Planeteria will conduct internal quality assurance checks in addition to soliciting feedback from SDCWA.

I. User Feedback

Once you have been provided access to the beta site, you will log all defects and bugs as a support tickets or a document that prioritizes the items as high, medium or low priority (Priority level assigned by SDCWA).

SDCWA Deliverable: Internal Quality Assurance

II. Implement User Feedback

Prior to launch, all high and medium tickets will be resolved by Planeteria. Low priority tickets will be resolved post-launch.

Planeteria Deliverable: High/Medium Tickets Resolved

III. Content Edits

If initial training was initiated you will make any edits to the content migrated to the site before launch. If not, you will need to provide Planeteria with any content edits that need to be made and Planeteria will execute the changes.

SDCWA Deliverable: Edit Content or Provide Content Edits

IV. Launch

The site is live and ready for public use and viewing!

Planeteria Deliverables: Launch Site

PHASE SEVEN: MONITORING & TRAINING

Post launch we provide proactive monitoring and in depth training.

I. Monitoring

For one week after launch, we carefully monitor the site and provide 24 hour support for any issues.

Planeteria Deliverables: Monitoring

SECTION TWO



BUDGET



Proposal

Planeteria Media

Date: April 26, 2021
Customer ID: SDCWA

To: San Diego County Water Authority
4677 Overland Avenue, San Diego, California 92123
P: 858.522.6722 E: kvelasquez@sdwcwa.org

Design Phase	Description	Hours	Rate	Line Total
1	Discovery	5	\$ 110.00	\$ 550.00
	Questionnaire & Documents	2	110	220.00
	Kickoff	3	110	330.00
	Moodboard	0	110	-
2	Information Architecture	6	\$ 110.00	\$ 660.00
	Sitemap & Page Types	4	110	440.00
	Wireframes (All Page Types)	2	110	220.00
3	Visual Design	12	\$ 110.00	\$ 1,320.00
	Website Style Guide: Colors & Typography	2	110	220.00
	All Page Design Mockups	10	110	1,100.00
4	Content Strategy & Migration	6	\$ 110.00	\$ 660.00
	Mapping Content & Content Sanctuary	2	110	220.00
	Content Editing & Compiling	0	110	-
	Content Migration	4	110	440.00
5	Development	25	\$ 110.00	\$ 2,750.00
	Server, CMS Setup & Template Development	20	110	2,200.00
	Quality Assurance	3	110	330.00
	Beta Site	2	110	220.00
6	Quality Assurance & Launch	7	\$ 110.00	\$ 770.00
	User Feedback & Feedback Implementation	4	110	440.00
	Content Edits & Launch	3	110	330.00
7	Post Launch Monitoring & Training	0	110	\$ -
	Post Launch "Hyper-Care" Monitoring	0	110	-
	Hands on Training & Video Training Library	0	110	-
Design & Development Total				\$ 6,710.00
Yearly Hosting				\$ -
Yearly Managed Maintenance				\$ 1,320.00
Additional Services Hourly Rate				\$110/ Hour

The price quoted encompasses all scope of work as a fixed price and will not exceed the quoted amount. Terms of payment can be agreed upon selecting Planeteria as your vendor for this project. Payment terms will be communicated clearly prior to award of contract. We have several options in terms of different payment models: (1) Bench Mark Payments: When certain stages of the project are completed, agreed upon payments will be invoiced. (2) Monthly Invoicing: Invoices are sent each month based on work completed that month. (3) Half Down/Half Upon Completion (4) No-Interest Payment Plans

Payment schedules can be arranged.
Thank you for your business!

110 Stony Point Rd #225, Santa Rosa, CA 95401, Phone/Fax 707-843-3773 sales@planeteriamedia.com



San Diego County Water Authority **WEBSITE DESIGN & DEVELOPMENT**

WE BELIEVE our team, our process and our proven outcomes at Planeteria are uniquely aligned with the needs of SDCWA to address your website redesign in meaningful ways that add enduring value for you and the audience you serve.

THANK YOU

Tyler Coffin - Sales & Business Development Director

110 Stony Point Road, Suite 225, Santa Rosa, California 95401

P: 707.843.3773 **E:** tyler@planeteria.com

**Quantification Settlement Agreement
Joint Powers Authority
Treasurer's Report
at March 31, 2021**

<u>Investment Type</u>	<u>% Limit</u>	<u>% of Portfolio</u>	<u>Amount</u>
Local Agency Investment Fund (LAIF)	\$75M - Maximum	58%	\$ 20,795,852.07
Treasury Securities	100%	12%	4,341,921.89
Federal Agency Securities	100%	15%	5,358,660.00
Medium Term Notes	100%	6%	2,121,637.50
Supranationals	100%	6%	2,001,595.00
Chandler Managed Account (BNY)	100%	2%	822,897.13
Asset Back Securities	100%	1%	428,046.30
CA Asset Mgmt Program (CAMP)	25%	0%	59,898.36
CEO Account (Wells Fargo)	100%	0%	10,730.72
Total Cash and Investments		100%	\$ 35,941,238.97
Effective Rate of Return			0.74%
<u>Interest Earnings (Cash and Investments):</u>			
Fiscal Year to Date			\$ 199,797.69
Average Term			512
Average Days to Maturity (730 Days Maximum)			414



Lisa Marie Harris, Treasurer

Quantification Settlement Agreement
Joint Powers Authority
Treasurer's Report
at March 31, 2021

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)
7/01/2020	SDCWA Annual Operating Cost	\$ 850,000.00	
7/15/2020	Mitigation # 1165		\$ (594,990.32)
7/31/2020	Mitigation # 1166		\$ (8,049,806.92)
8/27/2020	Mitigation # 1167		\$ (723,123.47)
9/25/2020	Mitigation # 1168		\$ (1,389,081.98)
11/06/2020	Mitigation # 1169		\$ (968,333.72)
12/15/2020	Mitigation # 1170		\$ (450,278.43)
12/22/2020	IID Annual Operating Cost	\$ 2,726,346.00	
12/28/2020	CVWD Annual Operating Cost	\$ 738,869.00	
12/29/2020	SDCWA Annual Operating Cost	\$ 1,050,836.00	
12/31/2020	Mitigation # 1171		\$ (2,296,549.09)
1/14/2021	Audit Fees		\$ (10,560.00)
2/04/2021	Mitigation # 1172		\$ (249,105.45)
Total Fiscal Year 6/30/2020 (YTD)		\$ 5,366,051.00	\$ (14,731,829.38)
Totals to date:		\$ 191,390,098.67	\$ (159,152,824.80)

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

Deposits	\$ 191,390,098.67
Invoices	(159,152,824.80)
Subtotal	32,237,273.87
Interest Earned - Fiscal Year to Date 2021	199,797.69
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	(10,098.14)
Interest not yet received at March 31, 2021	(73,523.60)
Total Cash & Investments	\$ 35,941,238.97

**Quantification Settlement Agreement
Joint Powers Authority
Treasurer's Report
at March 31, 2021**

Deposit History (Inception-to-Date):

Calendar Year	Payment Type	SDCWA (1)	IID	CVWD	Total
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
		-	-	-	-
	Totals to date:	<u>\$ 82,103,661.67</u>	<u>\$ 51,214,808.00</u>	<u>\$ 58,071,629.00</u>	<u>\$ 191,390,098.67</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 as of March 31, 2021				
Payment Schedules ⁽²⁾	SDCWA	IID	CVWD	Total
Nominal amount	\$ 8,934,198	\$ 75,506,808	\$ 8,854,313	\$ 93,295,319
Present value (@ 6%)	\$ 7,928,765	\$ 48,640,535	\$ 7,908,007	\$ 64,477,307

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

Unaudited
**QUANTIFICATION SETTLEMENT AGREEMENT
JOINT POWERS AUTHORITY**

**BALANCE SHEET
GENERAL FUND
MARCH 31, 2021**

Assets:

Cash	\$ 10,731
Investments	35,830,829
Mitigation contributions receivable	35,262,012
Interest receivable	<u>28,331,225</u>

Total assets	<u>\$ 99,434,797</u>
---------------------	-----------------------------

Liabilities:

Accounts payable	<u>\$ 3,178,624</u>
------------------	---------------------

Deferred inflows of resources:

Unavailable mitigation contributions	<u>63,535,301</u>
--------------------------------------	-------------------

Fund balance:

Unassigned	<u>32,720,872</u>
------------	-------------------

Total liabilities, deferred inflows of resources, and fund balance	<u>\$ 99,434,797</u>
---	-----------------------------

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, 2021**

Revenues:

Interest income	\$ (58,906)
Mitigation contributions	<u>5,366,051</u>

Total revenues	<u>5,307,145</u>
-----------------------	-------------------------

Expenditures:

Environmental mitigation	6,807,314
Administrative	<u>5,909</u>

Total expenditures	<u>6,813,223</u>
---------------------------	-------------------------

Net changes in fund balance	(1,506,078)
------------------------------------	--------------------

Fund balance at beginning of year	<u>34,226,950</u>
--	--------------------------

Fund balance at end of year	<u><u>\$ 32,720,872</u></u>
------------------------------------	------------------------------------

Unaudited

**QUANTIFICATION SETTLEMENT AGREEMENT
JOINT POWERS AUTHORITY**

**SUPPLEMENTARY INFORMATION - BUDGET STATUS REPORT
FOR THE NINE MONTHS ENDED MARCH 31, 2021**

Task No.	Mitigation Tasks	Amended FY 2021 Budget	Total Expenditures	Variance (Remaining)	Percent Complete
1	QSA Implementation Team	\$ -	\$ -	\$ -	0.0%
2	QSA Implementation Team Biologists	1,093,590	633,384	460,206	57.9%
3	Environmental Reporting and Monitoring	540	-	540	0.0%
4	Salton Sea Salinity and Elevation Program	16,330	7,497	8,833	45.9%
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	4,860,210	2,350,272	2,509,938	48.4%
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	33,950	-	33,950	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	3,290	-	3,290	0.0%
16	Burrowing Owl Relative Abundance and Distribution Surveys	245,890	36,635	209,255	14.9%
17	Farmer and Public Education Program	7,300	800	6,500	11.0%
18	Desert Pupfish Abundance and Distribution Study	6,400	15,078	(8,678)	235.6%
19/19A	Pupfish Selenium Drain Studies	310,450	122,020	188,430	39.3%
20	Pupfish Construction and Maintenance Conservation Measures	253,390	2,753	250,637	1.1%
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	171,870	-	171,870	0.0%
24	Salton Sea Air Quality	7,785,200	3,635,618	4,149,582	46.7%
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	12,730	-	12,730	0.0%
36	JPA Audit Fees	10,770	-	10,770	0.0%
37	JPA Bank Fees	3,000	655	2,345	21.8%
38	Financial Advisor	16,000	5,254	10,746	0.0%
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	3,257	55,283	5.6%
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%
Total Expenditures		\$ 14,994,760	\$ 6,813,223	\$ 8,181,537	45.4%



FY 2022



QSA JPA
Fiscal Year 2022
Budget & Work Plan
Proposed June 10, 2021



Quantification Settlement Agreement Joint Powers Authority

4677 Overland Avenue, San Diego, CA 92123



TABLE OF CONTENTS

Section 1: Background.....	2
Section 2: Budget Overview.....	3
Section 3: Review of Activities in FY 2021 and FY 2020	4
Section 4: FY 2022 Budget.....	6
Section 5: FY 2022 Work Plan.....	8
 Figure 1. QSA JPA Organization Chart	 2
 Table 1. Water Agency Remaining Payment Schedule	 3
Table 2. Detailed FY 2021 Expenditures	4
Table 3. FY 2021 Budget Summary.....	5
Table 4. FY 2021 Projected Fund Balance	5
Table 5. Summary of Mitigation Contributions by Water Agency.....	6
Table 6. FY 2022 Projected Fund Balance	6
Table 7. Detailed FY 2022 Expenditures	7
Table 8. Major Expenditures in FY 2022.....	8

APPENDIX 1: AUDITED HISTORICAL QSA JPA SPENDING, FY 2004 - FY 2020	A1
--	----

APPENDIX 2: WORK PLAN BY MITIGATION TASK	A2
--	----

QSA JPA FISCAL YEAR 2022 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.

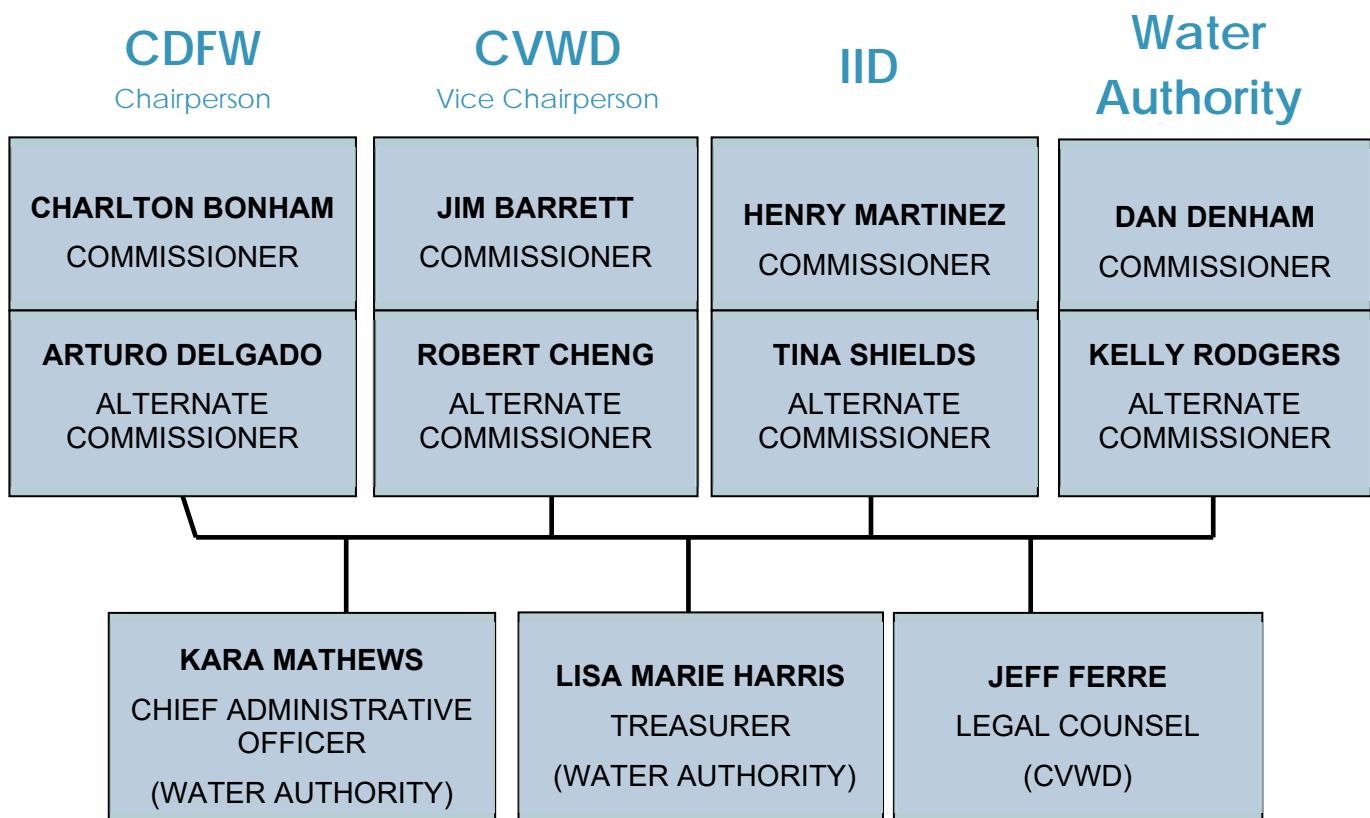


Figure 1. QSA JPA Organization Chart

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 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 2020 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
2021	\$2,697,555		\$2,885,115	\$1,500,000	\$3,801,632		\$10,884,302	\$7,191,051
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	\$8,854,313	\$0	\$74,006,808	\$1,500,000	\$8,934,198	\$0	\$93,295,320	\$100,486,371

SECTION 3: REVIEW OF ACTIVITIES IN FY 2021 AND FY 2020

On June 9, 2020, the QSA JPA Commission adopted the FY 2021 budget in the amount of \$14,994,760. Table 2 shows the FY 2021 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 2021 budget include implementing the Salton Sea air quality mitigation program (Task 24), the managed marsh habitat (Task 8), and the QSA IT biologists (Task 2).

Table 2. Detailed FY 2021 Expenditures

TASK	TASK DESCRIPTION	BUDGETED FY 2021	PROJECTED FY 2021	BUDGET SAVINGS
2	QSA Implementation Team Biologists	\$1,093,590	\$1,013,357	\$(80,233)
3	Environmental Reporting and Monitoring	\$540	-	\$(540)
4	Salton Sea Salinity and Elevation Program	\$16,330	\$16,330	-
6	Tamarisk Scrub Habitat - Surveys and Mitigation	\$72,740		\$(72,740)
8	Drain Habitat (Aquatic) – Create, Manage, Monitor "Managed Marsh"	\$4,860,210	\$3,500,000	\$(1,360,210)
10/10A	Worker Education Program Covered Species Training and Manual	\$640	-	\$(640)
11	Desert Habitat Survey and Mapping of Right of Way	\$33,950	-	\$(33,950)
15	Pre-Construction Activity Burrowing Owl Surveys and Relocation	\$3,290	-	\$(3,290)
16	Burrowing Owl Relative Abundance and Distribution Surveys	\$245,890	\$25,000	\$(220,890)
17	Farmer and Public Education Program	\$7,300	\$3,200	\$(4,100)
18	Desert Pupfish Abundance and Distribution Study	\$6,400	\$21,000	\$14,600
19/19A	Pupfish Selenium Drain Studies	\$310,450	\$200,000	\$(110,450)
20	Pupfish Construction and Maintenance Conservation Measures	\$253,390	\$10,000	\$(243,390)
23	Covered Species Baseline & Monitoring Surveys	\$171,870	-	\$(171,870)
24	Salton Sea Air Quality	\$7,785,200	\$6,800,000	\$(985,200)
35	Management and Planning	\$12,730	-	\$(12,730)
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	\$5,000	\$(26,930)
	Total	\$14,994,760	\$11,628,657	\$(3,366,103)

The projected budget savings and delayed expenditures for FY 2021 of \$3,366,103 is mostly due to the deferral of items under the air quality mitigation program (Task 24), managed marsh (Task 8) and postponement of pupfish conservation measures (Task 20) and burrowing owl relative abundance and distribution surveys (Task 16). Table 3 summarizes the FY 2021 budget projections.

Table 3. FY 2021 Budget Summary

FY 2021 BUDGET	PROJECTED FY 2021 EXPENDITURES	PROJECTED FY 2021 SAVINGS/DELAYS
\$ 14,994,760	\$ 11,628,657	\$ 3,366,103

On January 13, 2020 the QSA JPA Commission accepted an audit of its basic financial statements by Davis Farr Certified Public Accountants for fiscal years ending June 30, 2020 and 2019. Audited FY 2020 environmental mitigation expenditures totaled \$15,087,064. Based upon the audited cash balance of \$34,226,950 at the end of FY 2020, FY 2021 projected agency contributions and interest earnings of \$7,261,951, and projected FY 2021 budget spending of \$11,628,657, the QSA JPA expects to have a positive cash balance of \$29,860,244 at the end of FY 2021 (Table 4).

Table 4. FY 2021 Projected Fund Balance

DESCRIPTION		CASH FLOW
FY 2020 Audited Fund Balance (6-30-20)		\$34,226,950
Sources	Mitigation Contributions	\$7,191,051
	Interest Income	\$70,900
		\$7,261,951
Uses	Environmental Mitigation	(\$11,628,657)
FY 2021 Projected Fund Balance (6-30-21)		\$29,860,244

SECTION 4: FY 2022 BUDGET

The FY 2021 budget provides projected revenues of \$7,261,951 to meet anticipated expenditures from July 1, 2020 through June 30, 2021 of \$11,628,657, resulting in a net loss of \$4,366,706 from the previous fiscal year. FY 2022 will begin with the projected year-end FY 2021 fund balance of \$29,860,244.

Information summarizing the FY 2022 budget is presented in Tables 5 and 6. Table 5 provides the agency contributions scheduled for FY 2022 per the 2015 Advanced Funding Agreement, as well as funding contributions by agency through FY 2021. Revenue sources for FY 2022 include funding contributions of \$10,884,302 from the water agencies and interest income estimated at \$95,200.

Table 5. Summary of Mitigation Contributions by Water Agency

AGENCY	CONTRIBUTIONS THROUGH FY 2021	FY 2022 CONTRIBUTIONS
CVWD	\$58,071,629	\$2,697,555
IID	\$51,214,808	\$4,385,115
Water Authority ¹	\$82,103,662	\$3,801,632
Total Agency Contributions	\$191,390,099	\$10,884,302

Projected spending in FY 2022 is \$11,698,380 for environmental mitigation, shown by mitigation task in Table 7. Based upon the projected cash balance of \$29,860,244 at the end of FY 2021, FY 2022 combined sources of \$10,979,502, and projected FY 2022 budget spending of \$11,698,380, the QSA JPA expects to have a positive cash balance of \$29,141,366 at the end of FY 2022 (Table 6). Projected uses exceed sources indicating a decrease of \$718,878 in cash reserves for FY 2022.

Table 6. FY 2022 Projected Fund Balance

DESCRIPTION			CASH FLOW
FY 2021 Projected Cash Balance (6-30-21)			\$29,860,244
Sources	Mitigation Contributions	\$10,884,302	\$10,979,502
	Interest Income	\$95,200	
Uses	Environmental Mitigation		\$(11,698,380)
FY 2022 Projected Cash Balance (6-30-22)			\$29,141,366

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 2022 Expenditures

TASK	TASK DESCRIPTION	FY 2022 BUDGET
1	QSA Implementation Team	\$ 0
2	QSA Implementation Team Biologists	\$ 1,216,590
3	Environmental Reporting and Monitoring	\$ 540
4	Salton Sea Salinity and Elevation Program	\$ 10,610
5	Salton Sea Mitigation Water to Salton Sea	\$ 0
6	Tamarisk Scrub Habitat - Surveys and Mitigation	\$ 72,740
7	Drain Habitat - Initial Vegetation and Habitat Surveys	\$ 0
8	Drain Habitat (Aquatic) - Create/Manage/Monitor "Managed Marsh" Areas	\$ 931,480
9	Drain Habitat Restrictions/Requirements for Construction and Maintenance	\$ 0
10/10a	Worker Education Program Covered Species Training and Manual	\$ 640
11	Desert Habitat Survey and Mapping of Right of Way	\$ 0
12	Desert Habitat Create/Maintain Desert Habitat	\$ 0
13	Changes to Operations on IID Canals to Avoid Covered Species	\$ 0
14	Burrowing Owl Worker Annual Education and Manual	\$ 0
15	Pre-Construction Activity Burrowing Owl Surveys and Relocation	\$ 8,950
16	Burrowing Owl Relative Abundance and Distribution Surveys	\$ 0
17	Farmer and Public Education Program	\$ 7,380
18	Desert Pupfish Abundance and Distribution Study	\$ 6,530
19/19A	Pupfish Selenium Drain Studies	\$ 210,940
20	Pupfish Construction and Maintenance Conservation Measures	\$ 500,000
21	Salvage of Razorback Suckers when Dewatering Canals	\$ 0
22	Maintain Habitat on Fallowed Parcels	\$ 0
23	Covered Species Baseline and Monitoring Surveys	\$ 5,300
24	Salton Sea Air Quality	\$ 8,596,440
25	Minimize Dust Emissions from Fallowed Lands	\$ 0
26	Drain Connectivity to Salton Sea Elevation Decrease	\$ 0
27	Grade Spoil/Roads from Drain Maintenance	\$ 0
28	Power Line Markers for Pumpback and Seepage Recovery Systems	\$ 0
29	Prepare and Implement Management Plan for Abandoned Portions of AAC	\$ 0
30	Southwestern Willow Flycatcher Surveys and Habitat Monitoring	\$ 0
31	Elf Owl Surveys	\$ 0
32	Desert Tortoise Survey and Avoidance	\$ 0
33	Least Tern Surveys	\$ 0
34	Rail and Bittern Surveys	\$ 0
35	Management and Planning	\$ 0
36	JPA Audit Fees	\$ 10,770
37	JPA Bank Fees	\$ 3,000
38	Financial Advisor	\$ 16,000
39	Bond Counsel Fees	\$ 0
40	2001 Biological Opinion Measures	\$ 0
41	Brown Pelican Coast	\$ 0
42	Brown Pelican Sea	\$ 58,540
43	Salton Sea Shoreline Strand Study	\$ 0
44	Pupfish Refugium	\$ 31,930
45	Recreation Facilities at Salton Sea	\$ 0
46	QSA JPA Website	\$ 10,000
Total		\$11,698,380

SECTION 5: FY 2022 WORK PLAN

The FY 2022 budget totaling \$11,698,380 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 water transfers. Major expenditure categories for mitigation measures to be implemented in FY 2022 are shown in Table 8 and include: the biologist team (Task 2), the Managed Marsh (Task 8), and Salton Sea air quality mitigation (Task 24).

Table 8. Major Expenditures in FY 2022

TASK	TASK DESCRIPTION	FY 2021 BUDGET	PERCENT OF TOTAL BUDGET
24	Salton Sea Air Quality	\$ 8,596,440	74%
2	QSA Implementation Team Biologists	\$ 1,216,590	10%
8	Drain Habitat (Aquatic) – Create, Manage, Monitor "Managed Marsh" Areas	\$ 931,480	8%
--	Other Tasks	\$ 953,870	8%
Total		\$ 11,698,380	100%

Implementation of the Air Quality Mitigation Program (AQMP) (Task 24) is the largest budgeted expenditure for FY 2022 totaling \$8,596,440 or 74 percent of the total FY 2022 budget. Air quality mitigation includes Salton Sea playa monitoring and modeling, emissions inventory, air station monitoring network, and proactive dust control projects.

The QSA IT Biologists (Task 2) is the second largest budgeted expenditure making up \$1,216,590 or 10 percent of the total budget. This item includes funding for nine full time staff and expenses for their fleet of vehicles.

The Managed Marsh complex (Task 8) is the third largest budgeted expenditure totaling \$931,480 or 8 percent of the total FY 2022 budget. Expenditures for FY 2022 include operations and maintenance of the existing marsh (all three Phases); supplemental planting in Phases I and II; and planting and completion of Phase III. There are discussions underway of options for pricing and reimbursement of the Managed Marsh complex land (owned by IID) that is expected to be brought to the Commission for review in FY 2022.

Wildlife and habitat studies, monitoring, and education and outreach make up the remaining 8 percent of the FY 2022 expenditures totaling \$953,870.

The budget also includes reimbursements to the Water Authority for designated financial costs such as bank fees, audit fees, and financial consultants (investment management). The FY 2022 budget includes a new item, Task 46, to cover expenses related to the development and maintenance of a QSA JPA website. Audited historical spending by task is included as Appendix 1. Detailed summaries for individual mitigation measures by task including a detailed breakdown of FY 2022 expenditures; and planned and completed work are included in Appendix 2.

Appendix 1 – Audited Historical QSA JPA Spending, FY 2004 - FY 2020

Task	Task Description	Total FY 2004-2020	FY 2020	FY2019	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2004-2011
1	QSA Implementation Team	\$383,879									\$1,440	\$382,439
2	QSA Implementation Team Biologists	\$7,703,631	\$910,337	\$1,081,358	\$1,026,602	\$769,055	\$613,942	\$505,547	\$536,389	\$490,019	\$516,993	\$1,253,389
3	Environmental Reporting and Monitoring	\$82,458										\$82,458
4	Salton Sea Salinity and Elevation Program	\$21,613	\$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	\$300,000	\$17,518,832
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	\$13,983,168	\$2,206,448	\$1,911,610	\$439,409	\$297,032	\$389,963	\$2,787,567	\$390,935	\$205,940	\$249,921	\$5,104,343
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 2020

Task	Task Description	Total FY 2004-2020	FY 2020	FY2019	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2004-2011
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	\$35	\$903,342
16	Burrowing Owl Relative Abundance and Distribution Surveys	\$3,470,698	\$206,984	\$224,314		\$20,000	\$59,509	\$28,172	\$13,145	\$35,072	\$245,285	\$2,638,217
17	Farmer and Public Education Program	\$14,155	\$2,437	\$2,150	\$1,600	\$935	\$1,416	\$1,435	\$2,876	\$260		\$1,046
18	Desert Pupfish Abundance and Distribution Study	\$32,060	\$17,653	\$116	\$8		\$24		\$14			\$14,245
19/ 19A	Pupfish Selenium Drain Studies	\$2,294,181	\$118,586	\$157,978	\$36,468	\$66,650		\$1,482			\$14,333	\$1,898,684
20	Pupfish Construction and Maintenance Conservation Measures	\$177,224	\$4,234	\$124,105	\$11,653	\$504					\$5,800	\$30,928
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 ²	\$5,395,188			\$800	\$947	\$17,000	\$62	\$151	\$53,333	\$90,752	\$5,232,143
24	Salton Sea Air Quality	\$22,924,769	\$4,553,484	\$4,024,938	\$3,483,968	\$3,809,309	\$2,797,387	\$601,399	\$348,604	\$286,877	\$344,955	\$2,673,848
25	Minimize Dust Emissions from Fallowed Lands	\$57,775										\$57,775

² Includes Avian Studies from FY 2006, 2007, and 2008.

Appendix 1 – Audited Historical QSA JPA Spending, FY 2004 - FY 2020

Task	Task Description	Total FY 2004-2020	FY 2020	FY2019	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2004-2011
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 ³	\$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	\$5,713	\$304,558
36	JPA Audit Fees	\$158,188	\$10,560	\$10,350	\$10,350	\$10,350	\$12,147	\$11,911	\$11,680	\$11,452	\$11,230	\$58,158
37	JPA Bank Fees	\$29,559	\$2,495	\$1,405	\$1,526	\$1,584	\$1,609	\$1,678	\$1,603	\$1,708	\$3,200	\$12,751

³ Includes Task 46 from previous years.

Appendix 1 – Audited Historical QSA JPA Spending, FY 2004 - FY 2020

Task	Task Description	Total FY 2004-2020	FY 2020	FY2019	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012	FY 2004-2011
38	Financial Advisor	\$29,497										\$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	\$1,171	\$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		\$158,895,208	\$15,087,064	\$7,584,446	\$14,890,812	\$23,406,274	\$21,389,559	\$15,571,929	\$11,893,373	\$4,924,529	\$1,789,657	\$42,357,565
Biological Opinion Measures Credited to Water Authority		\$3,349,126										\$3,349,126
Total JPA Expenditures		\$155,546,082	\$15,087,064	\$7,584,446	\$14,890,812	\$23,406,274	\$21,389,559	\$15,571,929	\$11,893,373	\$4,924,529	\$1,789,657	\$39,008,439

Work Task 1: QSA Implementation Team

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$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 2020: Quarterly implementation team meetings and FY 2020 budget review.

FY 2021 Activities: Quarterly implementation team meetings.

Proposed FY 2022 Activities: Quarterly implementation team meetings.

Work Task 2: QSA Implementation Team Biologists

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$1,216,590	\$1,013,357	\$1,093,590	\$7,886,884

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 2020: Environmental Mitigation Staff.

FY 2021 Activities: Environmental Mitigation Staff & Vehicles.

Proposed FY 2022 Activities: Environmental Mitigation Staff & Vehicles.

Work Task 3: Environmental Reporting and Monitoring

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$540	\$ -	\$540	\$82,998

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 2020: Annual report sent by March 31 of each year for the previous calendar year.

FY 2021 Activities: Printing and shipping costs for annual reports.

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

Work Task 4: Salton Sea Salinity and Elevation Program

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$10,610	\$16,330	\$16,330	\$33,814

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 2020: Annual selenium monitoring.

FY 2021 Activities: Selenium analysis at the Salton Sea.

Proposed FY 2022 Activities: Selenium analysis at the Salton Sea.

Work Task 5: Salton Sea Mitigation Water to Salton Sea

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$89,622,523

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

FY 2021 Activities: N/A.

Proposed FY 2022 Activities: N/A.

Work Task 6: Tamarisk Scrub Habitat - Surveys and Mitigation

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$72,740	\$ -	\$72,740	\$82,288

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 2020: Managed Marsh Complex native tree habitat in buffer zones installed.

FY 2021 Activities: Operation and maintenance of native tree habitat.

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

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

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$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 2020: Baseline drain. Fallowing is no longer conducted as a conservation measure post 2017.

FY 2021 Activities: N/A.

Proposed FY 2022 Activities: N/A.

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

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$931,480	\$3,500,000	\$4,860,210	\$16,636,930

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 2020: 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 2021 Activities: Operation & Maintenance of Phase I and II of Managed Marsh Complex conducted. Phase III Design and Construction carried out.

Proposed FY 2022 Activities: O&M of Phase I and II of Managed Marsh Complex. Finished construction of Phase III and beginning O&M.

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

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$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 2020: Pre-construction surveys for construction activities.

FY 2021 Activities: Costs of biological monitors included as Environmental Specialists in Task 2.

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

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

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$640	\$ -	\$640	\$35,942

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 2020: Annual worker education trainings conducted at the beginning of each calendar year and then an additional training mid-year for new employees.

FY 2021 Activities: Annual worker education program.

Proposed FY 2022 Activities: Annual worker education program.

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

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$33,950	\$413,141

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 2020: Habitat survey conducted as part of initial habitat mapping at the beginning of the QSA.

FY 2021 Activities: N/A

Proposed FY 2022 Activities: N/A

Work Task 12: Desert Habitat Create/Maintain Desert Habitat

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$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 2020: N/A.

FY 2021 Activities: N/A.

Proposed FY 2022 Activities: N/A.

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

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$ -

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 2020: No major modifications to operations & maintenance activities to date.

FY 2021 Activities: N/A.

Proposed FY 2022 Activities: N/A.

Work Task 14: Burrowing Owl Worker Annual Education and Manual

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$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 2020: 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

FY 2021 Activities: Annual education program rolled into Task 10/10A.

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

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

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$8,950	\$ -	\$3,290	\$926,912

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 2020: Annual inspections of canals and drains prior to all operations and maintenance activities.

FY 2021 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

Proposed 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

Work Task 16: Burrowing Owl Relative Abundance and Distribution Surveys

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$25,000	\$245,890	\$3,509,604

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 2020: 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 2021 Activities: Burrowing Owl population subsampling event began in 2019 and ongoing through 2021.

Proposed FY 2022 Activities: N/A.

Work Task 17: Farmer and Public Education Program

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$7,380	\$3,200	\$7,300	\$19,018

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 2020: Design an ad and public outreach presentations to various groups.

FY 2021 Activities: Public outreach presentations, design an ad, etc.

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

Work Task 18: Desert Pupfish Abundance and Distribution Study

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$6,530	\$21,000	\$6,400	\$20,807

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 2020: 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 2021 Activities: Pupfish distribution surveys and equipment costs.

Proposed FY 2022 Activities: Monitoring of pupfish within IID drains at the Salton Sea by IID staff.

Work Task 19: Pupfish Selenium Drain Studies

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$210,940	\$200,000	\$310,450	\$2,486,045

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 2020: 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 2021 Activities: Selenium analysis within IID drains, equipment costs, and data analysis.

Proposed FY 2022 Activities: Ongoing Selenium Work Plan activities.

Work Task 20: Pupfish Construction and Maintenance Conservation Measures

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$500,000	\$10,000	\$253,390	\$426,380

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 2020: 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 2021 Activities: Kicked off consultant to develop pupfish habitat connectivity plan.

Proposed FY 2022 Activities: Develop a Pupfish Habitat Connectivity Plan with consultant, USFWS, CDFW and CVWD for IID and CVWD drains.

Work Task 21: Salvage of Razorback Suckers when Dewatering Canals

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$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 2020: No relocation efforts have been conducted to date.

FY 2021 Activities: No Razorback Suckers were found.

Proposed FY 2022 Activities: Relocation of Razorback Suckers if needed.

Work Task 22: Maintain Habitat on Fallowed Parcels

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$ -

Description and Purpose: N/A

Permit Reference: N/A

Accomplishments Through FY 2020: Task has no value. Fallowed parcels are privately owned with residual cover from previous crops. Fallowed parcels are scattered around the valley, so no one area has had a significant percentage of fallowed lands. Fallowing is no longer conducted as a conservation measure post 2017.

FY 2021 Activities: N/A.

Proposed FY 2022 Activities: N/A.

Work Task 23: Covered Species Baseline and Monitoring Surveys

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$5,300	\$ -	\$171,870	\$5,567,058

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 2020: 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 2021 Activities: Covered species surveys.

Proposed FY 2022 Activities: Covered species surveys.

Work Task 24: Salton Sea Air Quality

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$8,596,440	\$6,800,000	\$7,785,200	\$26,156,485

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 2020: Annual emissions inventory, Air Quality network operations & maintenance, proactive dust control planning, groundwater development, air qualissions inventory,

FY 2021 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 2022 Activities: Annual emissions inventory, air quality network operations & maintenance, proactive dust control planning, groundwater development, air quality mitigation planning, restricting access.

Work Task 25: Minimize Dust Emissions from Fallowed Lands

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$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 2020: Fallowed fields are required to have a crop left in place for dust mitigation at the owners expense. No cost to the JPA.

FY 2021 Activities: N/A.

Proposed FY 2022 Activities: N/A.

Work Task 26: Drain Connectivity to Salton Sea Elevation Decrease

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$ -

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 2020: Drain connectivity for pupfish due to salinity levels is included in Task 20.

FY 2021 Activities: Included in Task 20.

Proposed FY 2022 Activities: Included in Task 20.

Work Task 27: Grade Spoil/Roads from Drain Maintenance

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$ -

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 2020: 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 2021 Activities: Included in Task 15.

Proposed FY 2022 Activities: Included in Task 15.

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

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$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 2020: N/A

FY 2021 Activities: N/A

Proposed FY 2022 Activities: N/A

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

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$ -

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

Permit Reference: CESA Permit MMRP 78

Accomplishments Through FY 2020: N/A.

FY 2021 Activities: N/A.

Proposed FY 2022 Activities: N/A.

Work Task 30: Southwestern Willow Flycatcher Surveys and Habitat Monitoring

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$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 2020: Included in Task 23.

FY 2021 Activities: Included in Task 23.

Proposed FY 2022 Activities: Included in Task 23.

Work Task 31: Elf Owl Surveys

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$ -

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 2020: Included in Task 23.

FY 2021 Activities: Included in Task 23.

Proposed FY 2022 Activities: Included in Task 23.

Work Task 32: Desert Tortoise Survey and Avoidance

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$ -

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 2020: Included in Task 23.

FY 2021 Activities: Included in Task 23.

Proposed FY 2022 Activities: Included in Task 23.

Work Task 33: Least Tern Surveys

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$ -

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 2020: Included in Task 23.

FY 2021 Activities: Included in Task 23.

Proposed FY 2022 Activities: Included in Task 23.

Work Task 34: Rail and Bittern Surveys

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$ -

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 2020: Included in Task 23.

FY 2021 Activities: Included in Task 23.

Proposed FY 2022 Activities: Included in Task 23.

Work Task 35: Management and Planning

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$12,730	\$349,709

Description and Purpose: Management and Planning.

Permit Reference: N/A

Accomplishments Through FY 2020: Costs for monthly accounting, invoicing, and budget development.

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

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

Work Task 36: JPA Audit Fees

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$10,770	\$10,770	\$10,770	\$158,398

Description and Purpose: To pay for JPA audit fees.

Permit Reference: N/A

Accomplishments Through FY 2020: Costs for JPA Auditor.

FY 2021 Activities: Costs for JPA Auditor.

Proposed FY 2022 Activities: Costs for JPA Auditor.

Work Task 37: JPA Bank Fees

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$3,000	\$3,000	\$3,000	\$30,064

Description and Purpose: To pay for JPA bank fees.

Permit Reference: N/A

Accomplishments Through FY 2020: Costs for JPA Bank Fees.

FY 2021 Activities: Costs for JPA Bank Fees.

Proposed FY 2022 Activities: Costs for JPA Bank Fees.

Work Task 38: Financial Advisor

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$16,000	\$16,000	\$16,000	\$45,497

Description and Purpose: To pay for financial advisor services.

Permit Reference: N/A

Accomplishments Through FY 2020: 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

FY 2021 Activities: Costs for investment management (Chandler Asset Management).

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

Work Task 39: Bond Counsel Fees

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$25,000

Description and Purpose: To pay for bond counsel fees.

Permit Reference: N/A

Accomplishments Through FY 2020: In FY07, the QSA JPA hired Orrick, Herrington and Sutcliffe to advise on the potential issuance of bonds.

FY 2021 Activities: N/A.

Proposed FY 2022 Activities: N/A.

Work Task 40: 2001 Biological Opinion Measures

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$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 2020: 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

FY 2021 Activities: N/A.

Proposed FY 2022 Activities: N/A.

Work Task 41: Brown Pelican Coast

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$ -

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 2020: N/A.

FY 2021 Activities: N/A.

Proposed FY 2022 Activities: N/A.

Work Task 42: Brown Pelican Sea

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$58,540	\$5,000	\$58,540	\$58,540

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 2020: N/A.

FY 2021 Activities: Identified engineer of Brown Pelican Roost for Salton Sea.

Proposed FY 2022 Activities: Design of Brown Pelican Roost.

Work Task 43: Salton Sea Shoreline Strand Study

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$ -

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

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

Accomplishments Through FY 2020: N/A.

FY 2021 Activities: Shoreline strand picked up in annual shoreline lidar imagery.

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

Work Task 44: Pupfish Refugium

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$31,930	\$5,000	\$31,930	\$95,745

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 2020: Pupfish refugium built in 2010 and stocked in 2016.

FY 2021 Activities: Pupfish refugium operations and maintenance.

Proposed FY 2022 Activities: Pupfish refugium operations and maintenance.

Work Task 45: Recreation Facilities at Salton Sea

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$ -	\$ -	\$ -	\$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 2020: Inventory of recreational facilities around the Salton Sea.

FY 2021 Activities: N/A.

Proposed FY 2022 Activities: N/A.

Work Task 46: QSA JPA Website

PROPOSED FY 2022	PROJECTED FY 2021	Budgeted FY 2021	SPENT THROUGH FY 2020
\$10,000	\$ -	\$ -	\$ -

Description and Purpose: Develop and maintain a QSA JPA website.

Permit Reference: N/A

Accomplishments Through FY 2020: N/A.

FY 2021 Activities: N/A.

Proposed FY 2022 Activities: Develop website for QSA JPA with information on meetings and library of public documents.