

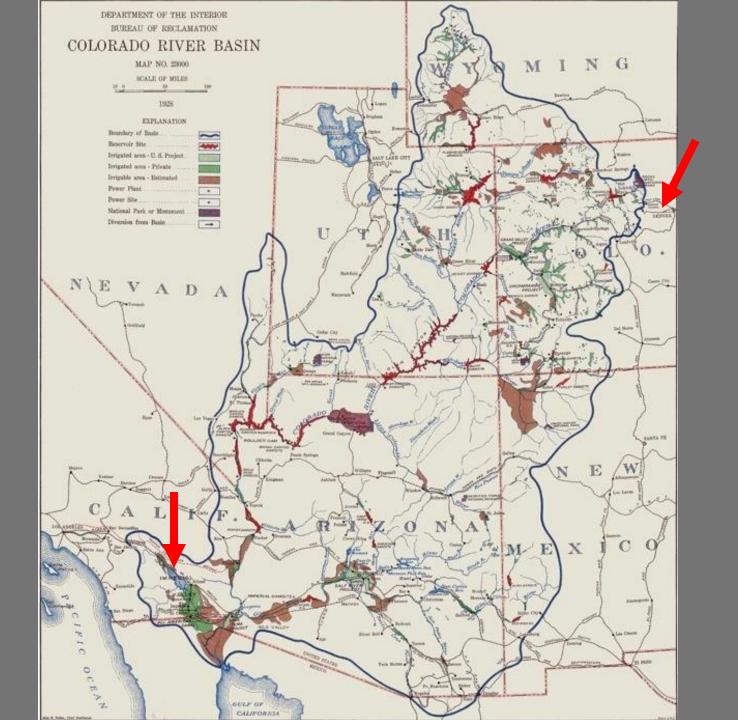
## **Pacific Institute**



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#### STATE OF CALIFORNIA

#### STATE WATER RESOURCES CONTROL BOARD

In the matter of

IMPERIAL IRRIGATION DISTRICT'S (IID) AND SAN DIEGO COUNTY WATER AUTHORITY'S (SDCWA) AMENDED JOINT PETITION FOR APPROVAL OF A LONG-TERM TRANSFER OF CONSERVED WATER FROM IID TO SDCWA AND TO CHANGE THE POINT OF DIVERSION, PLACE OF USE, AND PURPOSE OF USE

Under Permit 7643 on Application 7482 of Imperial Irrigation District

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PETITION OF IMPERIAL IRRIGATION DISTRICT FOR MODIFICATION OF REVISED WATER RIGHTS ORDER 2002-0013

Submitted Nov. 18, 2014 www.waterboards.ca.gov/waterrights/water\_issues/programs/salton\_sea/



# Salton Sea Management Program

Preserving clean air, ecosystem wealth, and a stable water supply.







#### About

The Salton Sea is California's largest lake. Thirty-five miles long and 15 miles wide, the desert lake extends from the Coachella Valley into the Imperial Valley. Though saltier than the ocean, the Sea supports an abundance of fish, a food source for millions of migratory birds on the Pacific Flyway. Managing the Sea's natural, agricultural, and municipal water inflows to maximize bird and fish habitat and minimize fine-particle air pollution will allow California to protect regional health, ecological wealth and a stable water supply.

Governor Edmund G. Brown Jr.'s Salton Sea Task Force, created in May 2015, has directed agencies to develop a comprehensive management plan for the Sea that will:



# Estimated Salton Sea Playa Exposure and SWRCB Milestones Over the Next Decade

From Salton Sea Management Program Phase I Ten-Year Plan

Year	Acres of Newly Exposed Playa	Acres of Projects To Be Constructed
2018	3,500	500
2019	4,200	1,300
2020	5,000	1,700
2021	5,600	3,500
2022	5,500	1,750
2023	5,300	2,750
2024	4,900	2,700
2025	4,300	3,400
2026	3,900	4,000
2027	3,300	4,000
2028	2,800	4,200
Totals	48,300	29,800

# Salton Sea Management Needs • Water – ✓

- Stakeholder support –
- Funding \
- Leadership –
- Long-term Commitment X

### Funding for Salton Sea Mitigation and Management

As of June 2018 (In Millions)

Source	Authorized	Unspent	Use
State			
Proposition 12 (2000)	\$4.8	\$4.8	Constructing Species Conservation Habitat (SCH) project.
Proposition 50 (2002)	33.6ª	9.7	Environmental Impact Report and related studies and planning activities, SCH project.
Proposition 84 (2006)	47.0	23.4	Staffing and planning activities; SCH project planning and design; partial funding for projects including Red Hill Bay, Seawater Marine Habitat Pilot, and Torres-Martinez Wetlands.
Proposition 1 (2014)	80.0	77.3	Projects to meet goals identified in Phase I Ten-Year Plan.
Proposition 68 (2018)	200.0	200.0	Projects to meet goals identified in Phase I Ten-Year Plan.
Federal			
NRCS (to Salton Sea Authority)	\$7.5	\$7.5	Agricultural dust suppression and wetlands projects.
NRCS (to state)	0.8	8.0	Planning activities.
Local			
QSA Joint Powers Authority	\$288.0	\$130.5	Various mitigation requirements associated with the QSA.
Salton Sea Restoration Fund	68.5	53.5	Various restoration activities.
Totals	\$730.1	\$507.5	\$358.7, excluding JPA & federal

<sup>&</sup>lt;sup>a</sup>The bond authorized \$58.6 million for various purposes in the Colorado River basin, of which \$33.6 million has been allocated specifically for activities at the Salton Sea.

NRCS = National Resources Conservation Service and QSA = Quantification Settlement Agreement.



# Finally, California and IID reach agreement on Salton Sea access and liability

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Janet Wilson, Palm Springs Desert Sun Published 6:10 p.m. PT May 7, 2019 | Updated 6:42 p.m. PT May 7, 2019



Eva Pineda talks about how dust from the Salton Sea has affected the air she breathes in Westmorland. Calif.













The Imperial Irrigation District board of directors voted Tuesday to allow access across its lands for critically needed state wetlands projects at the Salton Sea, designed to tamp down dangerous dust storms and give threatened wildlife a boost. In exchange, California will shoulder the maintenance and operations of the projects,

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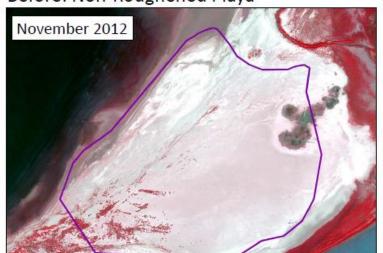
Raul Ruiz comes to rescue of Vietnam veteran

May 7, 2019, 6:45 p.m.

#### SALTON SEA AIR QUALITY MITIGATION PROGRAM

#### ALAMO NORTH DUST CONTROL AREA – BEFORE AND AFTER

Before: Non-Roughened Playa





After: Roughened Playa



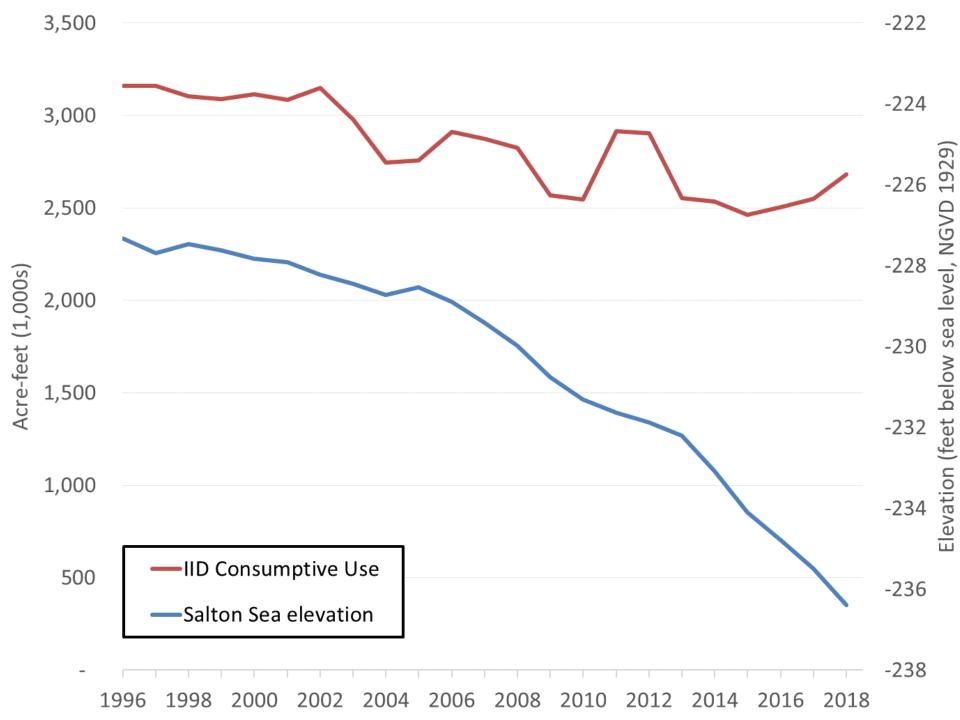
For more information on IID's Salton Sea Air Quality Mitigation Program, please visit www.iid.com/airquality.



## **Salton Sea Ecosystem Monitoring Project**



**Reclamation/USGS Saline Habitat Pond** 



## tnis schooi year, ner 32nd in education.

## Conservation has saved 4.8 million acre feet of water since 2003

#### BY MICHAEL MARESH

Staff Writer

IMPERIAL — Since 2003, Imperial Irrigation District has conserved almost 4.8 million acre feet of water, mostly through water transfers and agreements.

A 1988 agreement between IID and the Metropolitan Water District of Southern California near Los Angles has amounted to 1.56 million of that amount since 2003 at the Imperial Dam.

The San Diego County Water Authority Conservation District received more than 993,000 acre

feet in water under the agreement from 2003 to 2017, and Salton Sea mitigation in the same frame was 730,182 acre feet of water.

IID Public Affairs Director Robert Schletter said the water transfers bring in money to the district because the water being delivered comes with a cost.

Water to local farmers, municipalities and industrial businesses is delivered for a charge of \$20 per acre foot, while the San Diego County Water Authority pays IID \$667 for every acre foot delivered. What the Metropolitan Water District pays IID to deliver water to them is more complex because MWD is not charged per acre foot.

Every year the IID conserves close to 500,000 acre feet of water that other water districts and organizations use in water transfers or agreements, which equates to 10 percent to 15 percent of its share of water from the Colorado River.

The funds from MET for example has been used to line the IID canals with concrete to stop seepage.

Schletter said the

funds for the water transfers are also used for IID operations, its budget and developing projects on how to conserve water

IID's availability of water every year from the Colorado River is between 2.5 million and 2.6 million acre feet. One acre foot at 326,800 gallons of water would be enough water for one to two families for an entire vear

Schettler said all the IID does is deliver raw water to entities in the county. Of the 2.5 million to 2.6 million acre feet of water from the

Colorado River IID receives and is available, 95 water were used for this percent of it is used for agriculture. The other 5 percent of the raw water, that still must be treated, is delivered to Imperial County communities, which treat it and sell it to their ratepayers.

According to data for 2017, 2.186 million acre feet, or more than 712 billion gallons, of water were used for agriculture. Imperial Valley cities had 31,922 acre feet (10.4 billion of gallons) of water delivered to them.

For industrial operations, 24,076 acre feet,

or 7.8 billion gallons, of purpose in 2017.

Some IID board members have made it clear they will not support another water transfer because they believe the water should stay in the county.

Protecting the county's water rights is a priority, Schettler said.

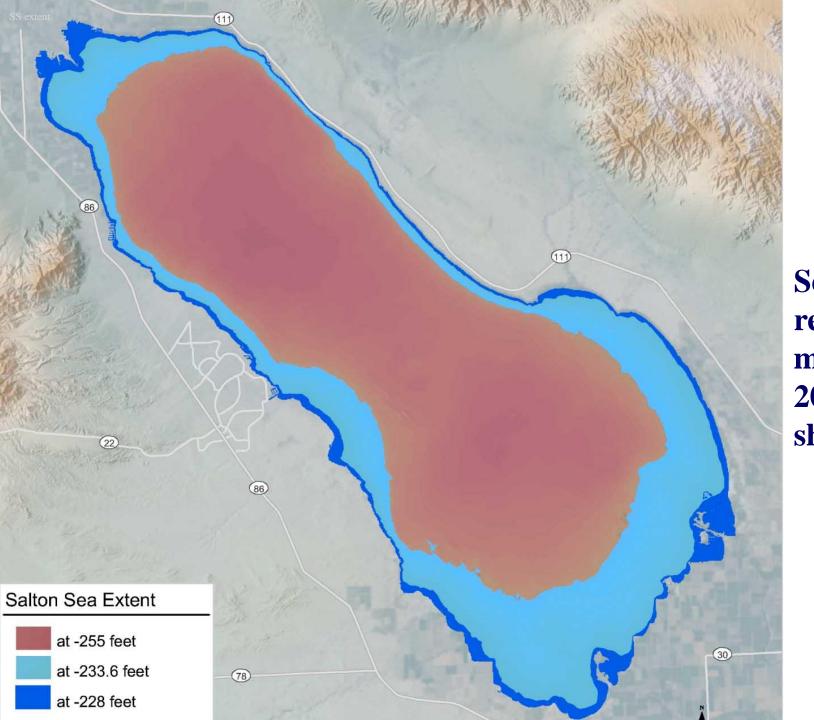
"When it comes to water in the desert we fight for it." he said. "When someone wants a chunk of the Colorado River we fight for it. This is a desert, and water is our life blood."

## **IID 2003-2018 Water Accounting Summary**

- IID-MWD 1.67 MAF
- IID-CVWD 0.30 MAF
- ICS -0.39 MAF

IID-SDCWA – 1.12 MAF

AAC Lining – 0.68 MAF



Sea could recede >5 miles from 2003 shoreline



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## **Prior Conditions – CRWUA Dec. 2016**

"If there is no going forward at the Salton Sea, then IID cannot help at Lake Mead." - IID

MWD will not move forward on the Colorado River until matters are resolved at the Bay-Delta. MWD's "conditions preceding": clear direction from the federal government about the Bay-Delta and, in solidarity with IID, direction from the state and federal governments on the Salton Sea. - MWD

Source: journalofwater.com

## Pinal County Farmers Resist Abrupt Cutoff Of Colorado River Water

#### By Bret Jaspers

Published: Monday, October 8, 2018 - 8:16am Updated: Monday, October 8, 2018 - 1:09pm



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Bret Jaspers/KJZZ

In the medium-term future, Pinal farmers will have to rely more on groundwater wells. But they hope to hang onto some Colorado River water when shortage comes in 2020, as is likely.



## December 10, 2018 Board meeting

## Amended Motion to Approve

I move that the Board approve the three intra-California agreements

- a. Agreement Between the Metropolitan Water District of Southern California and Imperial Irrigation District Apportioning Contributions to Lake Mead for Drought Contingency Plan Implementation
- b. Amendment No. 2 to the California Agreement for the Creation and Delivery of Extraordinary Conservation Intentionally Created Surplus
- c. Amendment No. 3 to the California Agreement for the Creation and Delivery of Extraordinary Conservation Intentionally Created Surplus.

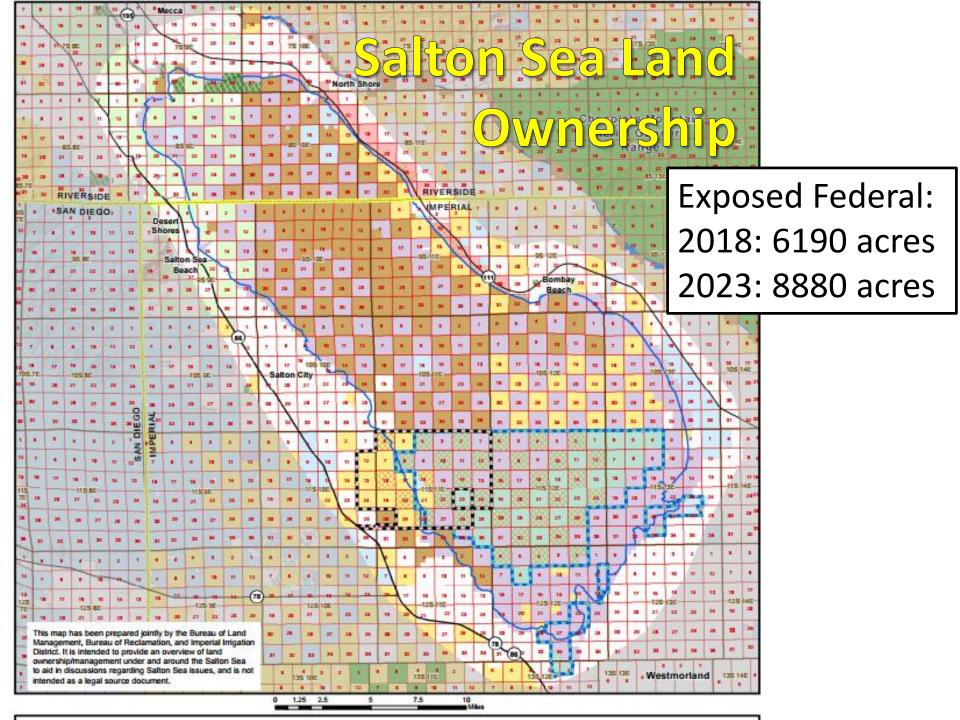
that were fully vetted at four workshops in which all Imperial Valley residents were invited to attend and present concerns. Numerous concerns were raised, and the conditions in this motion address some of those concerns.

By this Motion Amendment No. 2 to the California Agreement for the Creation and Delivery of Extraordinary Conservation Intentionally Created Surplus is approved by the Board in its entirety, Amendment No. 3 to the California Agreement for the Creation and Delivery of Extraordinary Conservation Intentionally Created Surplus and Agreement Between the Metropolitan Water District of Southern California and Imperial Irrigation District Apportioning Contributions to Lake Mead for Drought Contingency Plan Implementation are likewise approved, but their implementation is suspended until the following conditions are met:

- 1) All seven Colorado River Basin States and the United States have approved the interstate Drought Contingency Plan Documents in a form voted on and approved by the IID Board of Directors in a public meeting.
- 2) The IID Board of Directors have voted on and approved in a public meeting any proposed federal legislation that is to be submitted to Congress in conjunction with the DCP.
- 3) The State of California and the United States have irrevocably committed to provide sufficient funding for the full completion of the 10 year Salton Sea Management Program (SSMP) at a 1:1 federal-to-state funding commitment in addition to mitigating any and all future considerations as a result of the implementation of the Intra-California Agreements and the Interstate DCP Agreements.

Motion carried 4-1









# THE BEATINGS WILL CONTINUE UNTIL MORALE IMPROVES!





# "Everybody's issues are real"

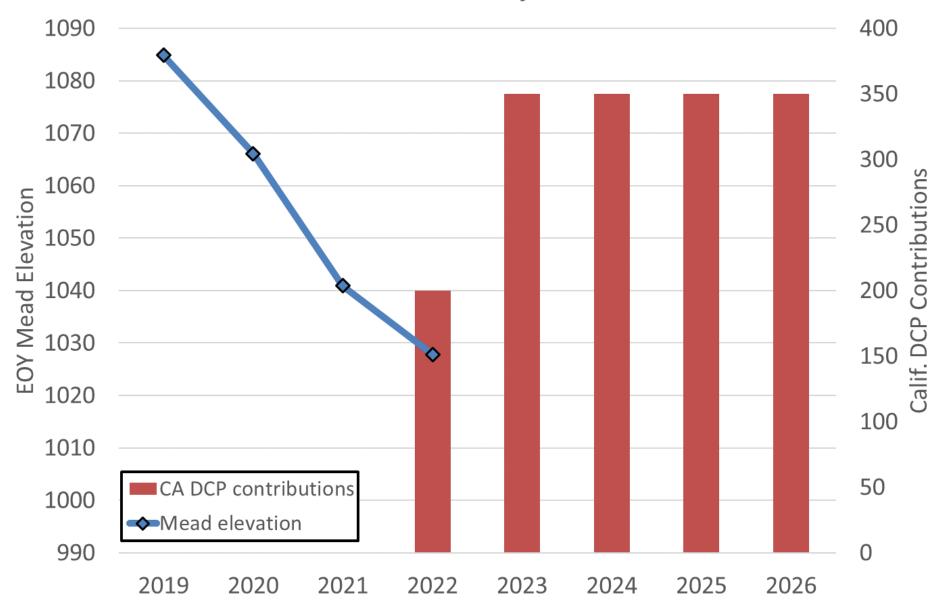


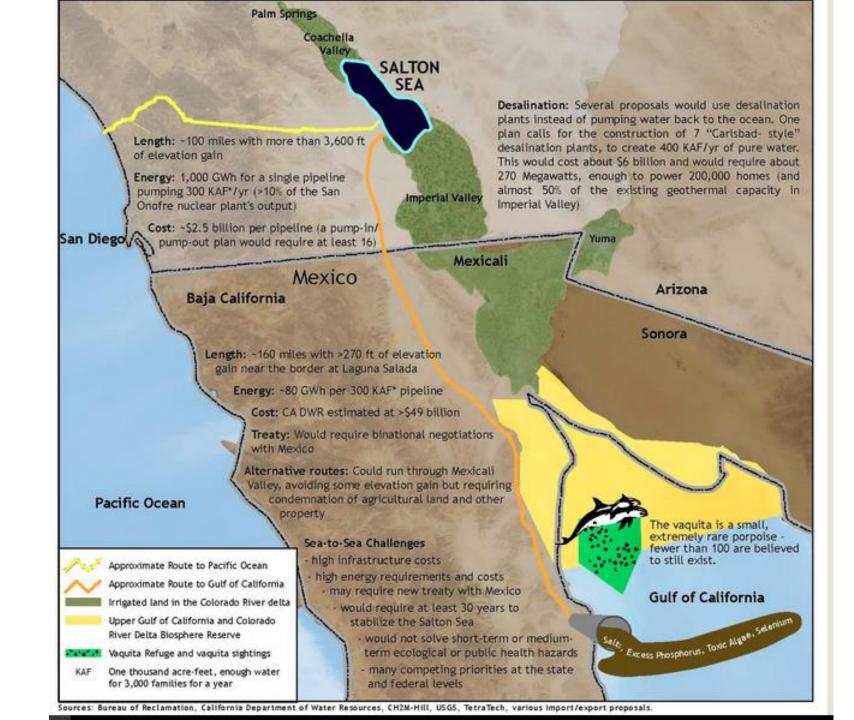
# Learning Lessons

- Milestones & conditions valuable
- Requires political will
- IG unlikely until relationships repaired
- IG 2.0 should have open process



## Black Swan Projection





## **Further Reading**

- resources.ca.gov/salton-sea/
- www.waterboards.ca.gov/waterrights/w ater\_issues/programs/salton\_sea/
- www.iid.com/water/salton-sea-initiative
- pacinst.org/issues/salton-sea/
- ca.audubon.org/conservation/birdssalton-sea
- www.usbr.gov/lc/region/programs/salton sea.html