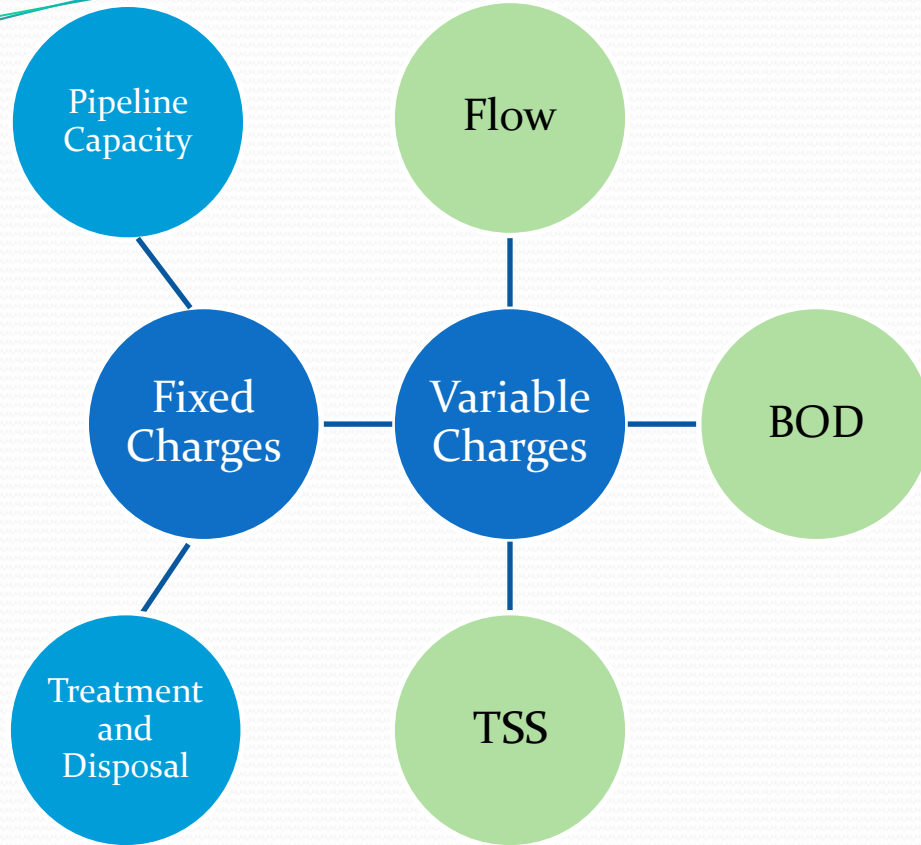


# Inland Empire Brine Line Rate Resolution FY20-21

Carlos Quintero, Operations Manager  
Karen Williams, DGM, CFO  
SAWPA Commission | June 16, 2020  
Item 6.B.

# Recommendation

- That the SAWPA Commission adopt Resolution No. 2020-06 establishing the new Inland Empire Brine Line rates to be effective July 1, 2020 (FY20-21).



## Brine Line Rate Components:

- Flow
  - Per Million Gallons
- Biochemical Oxygen Demand (BOD)
  - Per 1,000 lbs
- Total Suspended Solids (TSS)
  - Per 1,000 lbs
- Fixed Charges for Pipeline and Treatment and Disposal Capacity Owned
  - Per Million Gallons/Day

# Brine Line Expenses

OCSD  
Treatment and  
Disposal

OCSD SARI Line  
O&M

SSMP  
Implementation

Pre-treatment  
Program

Capital  
Improvements

Water Quality  
Sampling

Billing

Engineering

Management



# Brine Line Approved Budgeted Expenses

Category	FY19-20	FY20-21	Change (%)	Change (\$)
OCSD Treatment and Disposal	3,023,600	3,303,505	9.26	279,900
OCSD SARI O&M	75,000	80,000	6.67	5,000
Engineering	575,586	625,953	8.75	50,366
Water Quality Sampling	105,000	110,000	4.76	5,000
Management / Support	1,243,993	1,336,243	7.42	92,250
SSMP Implementation	2,045,099	2,113,432	3.34	68,333
Pretreatment Program	1,159,597	1,213,049	4.61	53,452
Non-operating expenses	2,895,027	2,835,027	-2.07	(60,000)
<b>TOTAL</b>	<b>11,122,902</b>	<b>11,617,209</b>	<b>4.4</b>	<b>494,307</b>

# Proposed Brine Line Rates

Options	Flow (MG)	BOD - 1,000 lbs	TSS – 1,000 lbs	Fixed Pipe	Fixed T&D
Current rates FY19-20	\$979	\$316	\$442	\$6,398	\$12,985
July 1, 2020 – December 31, 2020 (Proposed)	\$979	\$316	\$442	\$6,398	\$12,985
January 1, 2021 – June 30, 2021 (Proposed)	\$1,018	\$329	\$460	\$6,654	\$13,505

# Rate increase (%) from FY19-20

Options	Flow (MG)	BOD - 1,000 lbs	TSS - 1,000 lbs	Fixed Pipe	Fixed T&D
Current rates FY19-20	\$979	\$316	\$442	\$6,398	\$12,985
July 1, 2020 – December 31, 2020 (Proposed)	0%	0%	0%	0%	0%
January 1, 2021 – June 30, 2021 (Proposed)	4%	4.1%	4.1%	4%	4%

# Impact to revenue

Rate Period	Impact to revenue
No rate increase (July 1, 2020 – December 31, 2020)	(\$290,852)
Rate increase (January 1, 2021 – June 30, 2021)	\$0
<b>TOTAL</b>	<b>(\$290,852)</b>

# Indirect Dischargers

- Currently using a 2 tier system:
  - Brine (  $< 100$  mg/L)
  - Non-Brine (  $\geq 100$  mg/L)
  - Charges based on a per gallon base for brine tier and a per gallon base plus pounds of BOD and pounds of TSS for non-brine tier.

# Rates for Indirect Dischargers

Option	Brine Tier ( $< 100$ mg/L) / gallon	Non-Brine Tier* ( $\geq 100$ mg/L) / gallon	BOD/lb	TSS/lb
Current (FY19-20)	\$0.015	\$0.015	\$0.75	\$0.716
7/1/20 – 12/31/20	\$0.015	\$0.015	\$0.75	\$0.716
1/1/21 – 6/30/21	\$0.016	\$0.016	\$0.78	\$0.745

*\*Non-brine tier charges the flow component plus any pounds of BOD and TSS.*

# Proposed Capacity Pool Lease Rates

Rate Period	Flow (per gallon)	Additional BOD (per lb)	Additional TSS (per lb)
Current (FY19-20) [250 mg/L BOD/TSS]	\$0.00253	\$0.3923	\$0.2405
7/1/20 – 12/31/20	\$0.00253	\$0.3923	\$0.2405
1/1/20 – 6/30/21	\$0.00263	\$0.4080	\$0.2501

# Proposed Treatment & Disposal Surcharge Rates

Rate Period	Flow (per gallon)	BOD (per lb)	TSS (per lb)
Current (FY19-20)	\$0.0020	\$0.3923	\$0.2405
7/1/20 – 12/31/20	\$0.0020	\$0.3923	\$0.2405
1/1/20 – 6/30/21	\$0.0021	\$0.4080	\$0.2501



# Proposed Permit Fees

Type of Permit	FY19-20 Fee	Proposed FY20-21 Fee
Direct Discharger	\$600	\$600
Indirect Discharger	\$300	\$300
Emergency Permits	\$1,100	\$1,100
Liquid Waste Hauler	\$250	\$250

# Asset Criticality Study - Reserve Fund Analysis

- PA24 approved an asset criticality study
- Results of criticality study will help assess current Brine Line Reserve Funds
- Results expected by November 2020

# Communication with Dischargers

- IEUA, EMWD, SBVMWD, and WMWD indicated that they would contact the dischargers in their service area regarding the proposed FY20-21 rates

# BRINE LINE RESERVES

Karen Williams, Assistant General Manager/CFO

# SAWPA Future CIP

- Reach 4D Corrosion Rehabilitation
- Reach 4A Pine Avenue Siphon Protection / Replacement
- Reach V Baker Street Protection
- Reach V Indian Truck Trail Protection
- Reach V Air / Vacuum Valves Modification/Relocation
- Reach 4D Mission Tunnel Rehabilitation
- Reach V Access / Condition Study / Rehabilitation
- Reach IV Condition Study / Rehabilitation
- Capacity Management
- Hydraulic “Choke Points”
- OCSD Future CIP

# Risks to System

- Portions of the system are aging
- Corrosion
- Unknown condition due to limited access to parts of the system
- Catastrophic failure due to earthquake
- Failure due to flooding / erosion / development

# Reserve Balance as of March 31, 2020

Reserve Account	03/31/2020
Pipeline Repair/Replacement Reserve	\$22,125,566
OCSD Rehabilitation Reserve	3,690,111
OCSD Future Capacity Reserve	1,809,234
Self-Insurance Reserve	4,311,780
Flow Imbalance Reserve	87,444
Debt Service Reserve	3,317,311
Capacity Management Reserve	11,817,079
Rate Stabilization Reserve	1,013,845
Operating Reserve	3,779,138
<b>Total Reserves</b>	<b>\$51,951,508</b>

# Reserve Balance Projected EOY

Reserve Account	FYE 2020	FYE 2021
Pipeline Repair/Replacement Reserve	\$15,467,521	\$15,728,983
OCSD Rehabilitation Reserve	3,591,892	3,591,892
OCSD Future Capacity Reserve	1,761,077	1,761,077
Self-Insurance Reserve	4,224,343	4,324,343
Flow Imbalance Reserve	85,103	85,103
Debt Service Reserve	3,928,308	3,417,032
Capacity Management Reserve	11,502,545	11,502,545
Operating Reserve	3,133,547	3,133,547
<b>Total Reserves</b>	<b>\$43,694,336</b>	<b>\$43,544,522</b>



# Budgeted Contributions to Reserves

Category	FYE 2020	FYE 2021	Difference	% Difference
Pipeline Repair/Replacement	\$1,435,478	\$1,810,491	\$375,013	26.12%
Self-Insurance	100,000	100,000	0	0.00%
Debt Service	1,708,750	1,708,750	0	0.00%
<b>Total Contributions</b>	<b>\$3,244,338</b>	<b>\$3,619,241</b>	<b>\$375,013</b>	<b>11.56%</b>

# Brine Line Operating Reserve

The Brine Line Operating Reserve was established to cover temporary cash flow deficiencies that occur as a result of timing differences between the receipt of operating revenues and expenditure requirements.

- Balance as of 03/31/20 - \$3,770,138
- Target Level – Funding shall be targeted at a minimum amount equal to 90 days (i.e., 25%)
- Events and Conditions Prompting the Use of the Reserve – This reserve is utilized as needed to pay outstanding Brine Line Enterprise expenditures prior to receipt of anticipated operating revenues.
- Target level for:
  - FYE 2020        \$2,056,969
  - FYE 2021        \$2,195,544

# Rate Stabilization Reserve

Established to mitigate the effects of occasional shortfalls in revenue. Revenue shortfalls result from a number of events such as weather factors (wet weather or drought events and natural disasters), increased water conservation, poor regional economic conditions, and unplanned or unexpectedly large rate adjustments/increases.

- Balance as of 03/31/2020 - \$1,013,845
- Target Level – There is no minimum balance for this reserve. This will be looked at as part of the Asset Criticality Assessment.
- Events and Conditions Prompting the Use of the Reserve – This reserve is utilized as needed to pay revenue shortfalls that result from conditions described above.

# Pipeline Replacement Reserve

Established to provide capital replacement funding as the Brine Line system's infrastructure (pipe) deteriorates over its expected useful life.

- Balance as of 03/31/2020 - \$22,125,566
- FYE 2021 Contribution of \$1,810,491
- Target Level – The most recent Brine Line Financial Study and Rate Model have identified a minimum target balance of \$10.0 million for this reserve. Target minimum and maximums will be developed during the asset criticality assessment.
- Events and Conditions Prompting the Use of the Reserve – This reserve account is used to pay for approved Capital Improvement Projects, emergency replacement, and in certain circumstances, one-time operating expenditures related to specific projects. (Funding would be provided through use of this reserve rather than rate increases.)

# Capital Project Funding – Use of Reserves

Project	FYE 2020	FYE 2021
Brine Line Protection	\$5,041,923	\$1,466,878
Reach IV-D Corrosion Repairs	76,211	82,151
<b>Total</b>	<b>\$5,118,134</b>	<b>\$1,549,029</b>

# Capital Projects

- Fund 320 Brine Line Protection
  - OCSD Rock Removal Project
  - Protection from stormwater/erosion
  - Reach IV-D MAS modifications
  - Alcoa Dike protection/relocation
- Fund 327 Reach IV-D Corrosion Repair
  - Evaluation of pipeline corrosion

# CIP versus Reserve Contributions

Project	FYE 2020	FYE 2021
Pipeline Replacement Reserve Beg. Balance	\$22,597,372	\$18,914,716
Contributions to Reserve	1,435,478	1,810,491
Use of Reserves for CIP	(5,118,134)	(1,549,029)
<b>Pipeline Replacement Reserve Balance</b>	<b>\$18,914,716</b>	<b>\$19,176,178</b>
<b>Net Change from Contributions/Use</b>	<b>(\$3,682,656)</b>	<b>\$261,462</b>

# OCSD Rehabilitation Reserve

This reserve was established to fund SAWPA's share of capital costs associated with its proportionate share of capacity right ownership in the SARI Line maintained by OCSD.

- Balance as of 03/31/2020 - \$3,690,111
- Target Level – The most recent Financial Study has identified a minimum target level of \$1.75 annually (adjusted for inflation). This needs to be reviewed based on OCSD CIP.
- Events and Conditions Prompting the Use of the Reserve – This reserve is utilized as needed to pay when due SAWPA's share of OCSD SARI Line capital costs.



# Debt Retirement Reserve

This reserve was initially established with funds received from SAWPA's member agencies for the purchase of pipeline capacity (30 MGD) in the Brine Line system to provide future funding on debt service payments for SRF loans required to build the Brine Line system. Treasury-strips were purchased with maturities to match annual principal and interest payments due on the long-term debt associated with the State loans. This reserve will be maintained and/or adjusted at levels set forth in future "bond covenants" or other debt obligation instruments as approved by the SAWPA Commission.

- Balance as of 03/31/2020 - \$3,317,311

# Debt Retirement Reserve

- Target Level – The minimum balance in this reserve should be sufficient to cover anticipated debt service payments as they come due. The balance in this reserve should reflect debt service obligations for which existing or projected revenues are insufficient to cover scheduled principal and interest payments.
- Events and Conditions Prompting the Use of the Reserve – This reserve is utilized to pay when due debt service payments on SAWPA's obligations.

# Debt Service Payments

Debt	2020	2021
Reach V Construction – SRF Loan 1 – 4	\$1,126,278	\$1,126,278
Reach IV-A & B Capital Repair – SRF Loan	1,044,273	1,044,273
Reach V Capital Repair – SRF Loan	664,476	664,476
<b>Total Debt Service Payments</b>	<b>\$2,835,027</b>	<b>\$2,835,027</b>

# Debt Service Funding

Debt	Interest Rate	Final Payment	Funding Source
Reach V Construction	2.7%	10/05/21	T-Strips/Investments
Reach IV-A & B Capital Repair	2.6%	12/29/32	Rates
Reach V Capital Repair	1.9%	03/31/48	Rates

\$1,708,749 from rates

# Debt Service Covenants of Financing Agreement

- Debt Test
  - Net revenues must be 1.2 times the highest year of debt service
    - \$2,050,500 minimum net revenues
  - Net revenues must be 1.1 times all debt
    - \$3,118,530 minimum net revenues
  - FYE 2021 Budget Net Revenues are \$3,619,241 (only have \$500,711 difference)
- Reserve Fund
  - Must be equal to 1 year's debt service
    - \$1,708,750

# OCSD Future Capacity Reserve

This reserve is established to provide future funding as it becomes necessary for SAWPA to purchase additional treatment capacity (minimum 1 MGD increments) in the OCSD treatment plant facility. As incremental treatment capacity purchases are made from member agencies, funds will be deposited into this reserve account which can then be used to purchase treatment capacity from OCSD.

- Balance as of 03/31/2020 - \$1,809,234
- Target Level – There is no minimum balance for this reserve.
- Events and Conditions Prompting the Use of the Reserve – This reserve may only be utilized to purchase additional treatment capacity in the OCSD plant as approved by the SAWPA Commission.

# Self Insurance Reserve

This reserve was originally established to provide insurance liability, and worker's compensation claims. The reserve level, combined with SAWPA's existing insurance policies, should adequately protect SAWPA and its member agencies in the event of a loss or claim.

- Balance as of 03/31/2020 - \$4,311,780
- FYE 2021 Contribution of \$100,000
- Target Level
- Events and Conditions Prompting the Use of the Reserve – This reserve shall be utilized to cover out-of-pocket insurance losses experienced by SAWPA. Any reimbursement received by SAWPA from the insurance company as a result of submitted claim shall be deposited back into the reserve as replenishment for the loss.
- Contribution to Reserves – Contributions of \$100,000, annually.

# Self Insurance Reserve

## Insurance Policies:

- Commercial Property, General Liability, Umbrella Excess, and Auto
  - Through CalMutuals JPRIMA
  - \$5,000 deductible per incident
  - Pipelines not covered
- Environmental Legal Liability (Pollution)
  - Through Aspen Specialty Insurance Company
  - \$25,000 deductible per incident
  - \$5,000,000 limit of liability per incident
  - Actual cost of pipeline damage not covered



# Capacity Management Reserve

This reserve is established to set aside 100% of the funding derived from pipeline capacity sales to provide funds for future capacity needs within the Brine Line. As the pipeline reaches capacity, other alternatives will be needed to ensure the ability to discharge and achieve salt balance within the Santa Ana Watershed.

- Balance as of 03/31/2020 - \$11,817,079
- In 2006, sold additional pipeline capacity of 2.568 MGD
  - WMWD purchased 1.0 MGD for \$3,750,000
  - EMWD purchased 1.568 MGD for \$5,880,000
- \$9,630,000 total sales (2006)
- \$266,755 EnerTech capacity lease fees (2009)
- \$1,920,324 interest earnings

# Capacity Management Reserve

- Target Level – Given the nature of this reserve, there is no required minimum or maximum level. 100% of the funding derived from pipeline capacity sales should be deposited and maintained in this reserve.
- Events and Conditions Prompting the Use of the Reserves – This reserve is to be utilized to cover cost required to manage capacity within the pipeline, including costs to further concentrate Brine Line flows, reduction of flows to meet capacity needs, additional pipeline capacity, additional CIP, and other changes as appropriate.

# Flow Imbalance Reserve

This reserve is established to set aside funds in the event that a meter error occurs and the discharger is over-billed. Each month, meter readings are read for each discharger and the total for all dischargers is compared to the total at meter S-01. When the total for all dischargers exceeds the total at meter S-01, the difference will be calculated at the current flow rate and contributed to the reserve account.

No budgeted contributions to this reserve.

- Balance as of 03/31/2020 - \$87,444
- Initially established by adding \$1.00 to the flow rate for 2 years.
- Target Level – Based on SAWPA's practice, a minimum of \$50,000 should be maintained for this reserve.
- Event and Conditions Prompting the Use of the Reserve – This reserve is utilized to refund dischargers in the event that a meter error occurs and the discharger is over-billed.

# Rate Model - Reserves

- Brine Line Rate Model Updated in 2018 by Raftelis
- Raftelis recommended additional studies to determine Pipeline Replacement Reserve Min and Max
  - Assess the replacement cost of the brine line
    - Completed – Estimated value is \$350 million
  - Conduct an asset criticality assessment

# Recommendation

- That the SAWPA Commission adopt Resolution No. 2020-06 establishing the new Inland Empire Brine Line rates to be effective July 1, 2020 (FY20-21).



Questions??

# Reserve Balance Projected EOY

Reserve Account	FYE 2020	FYE 2021
Pipeline Repair/Replacement Reserve	\$15,467,521	\$15,728,983
OCSD Rehabilitation Reserve	3,591,892	3,591,892
OCSD Future Capacity Reserve	1,761,077	1,761,077
Self-Insurance Reserve	4,224,343	4,324,343
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Operating Reserve	3,133,547	3,133,547
<b>Total Reserves</b>	<b>\$43,694,336</b>	<b>\$43,544,522</b>

## OCSD – SAWPA Rates (FY15 through FY21)

OCSD - SAWPA Rates	FY 14-15	15-16	16-17	17-18	18-19	19-20	20-21 (P)
Flow OCSD (per MGD)	\$182.74	\$178.94	\$175.17	\$175.68	\$187.00	\$221.00	\$221
Flow SAWPA	\$777.00	\$817.00	\$858.00	\$901.00	\$946.00	\$979.00	\$1,018
BOD OCSD (per 1,000 lbs)	\$290.16	\$284.12	\$278.14	\$278.96	\$285.00	\$320.00	\$320
BOD SAWPA	\$295.00	\$301.00	\$307.00	\$307.00	\$307.00	\$316.00	\$335
TSS OCSD (per 1,000 lbs)	\$404.60	\$396.19	\$387.85	\$388.99	\$410.00	\$472.00	\$472
TSS SAWPA	\$411.00	\$420.00	\$429.00	\$429.00	\$429.00	\$442.00	\$469

## OCSD – SAWPA Rate Increase (FY15 through FY21)

OCSD - SAWPA Rates	FY 14-15	15-16	16-17	17-18	18-19	19-20	20-21 (P)
Flow OCSD	12.39%	-2.08%	-2.11%	0.29%	6.44%	18.18%	0%
Flow SAWPA	5.57%	5.15%	5.02%	5.01%	4.99%	3.49%	4%
BOD OCSD	16.34%	-2.08%	-2.10%	0.29%	2.17%	12.28%	0%
BOD SAWPA	10.90%	2.03%	1.99%	0.00%	0.00%	2.93%	4%
TSS OCSD	9.30%	-2.08%	-2.11%	0.29%	5.40%	15.12%	0%
TSS SAWPA	4.05%	2.19%	2.14%	0.00%	0.00%	3.03%	4%



## OCSD – SAWPA Rates (FY15 through FY20)

OCSD - SAWPA Rates	FY 14-15	15-16	16-17	17-18	18-19	19-20	20-21 (P)
Flow OCSD (per MG)	\$182.74	\$178.94	\$175.17	\$175.68	\$187.00	\$221.00	\$221.00
Increase from previous FY	12.39%	-2.08%	-2.11%	0.29%	6.44%	18.18%	0%
Flow SAWPA	\$777.00	\$817.00	\$858.00	\$901.00	\$946.00	\$979.00	\$1,038
Increase from previous FY	5.57%	5.15%	5.02%	5.01%	4.99%	3.49%	6%
BOD OCSD (per 1,000 lbs)	\$290.16	\$284.12	\$278.14	\$278.96	\$285.00	\$320.00	\$320.00
Increase from previous FY	16.34%	-2.08%	-2.10%	0.29%	2.17%	12.28%	0%
BOD SAWPA	\$295.00	\$301.00	\$307.00	\$307.00	\$307.00	\$316.00	\$335.00
Increase from previous FY	10.90%	2.03%	1.99%	0.00%	0.00%	2.93%	6%
TSS OCSD (per 1,000 lbs)	\$404.60	\$396.19	\$387.85	\$388.99	\$410.00	\$472.00	\$472.00
Increase from previous FY	9.30%	-2.08%	-2.11%	0.29%	5.40%	15.12%	0%
TSS SAWPA	\$411.00	\$420.00	\$429.00	\$429.00	\$429.00	\$442.00	\$469.00
Increase from previous FY	4.05%	2.19%	2.14%	0.00%	0.00%	3.03%	6%

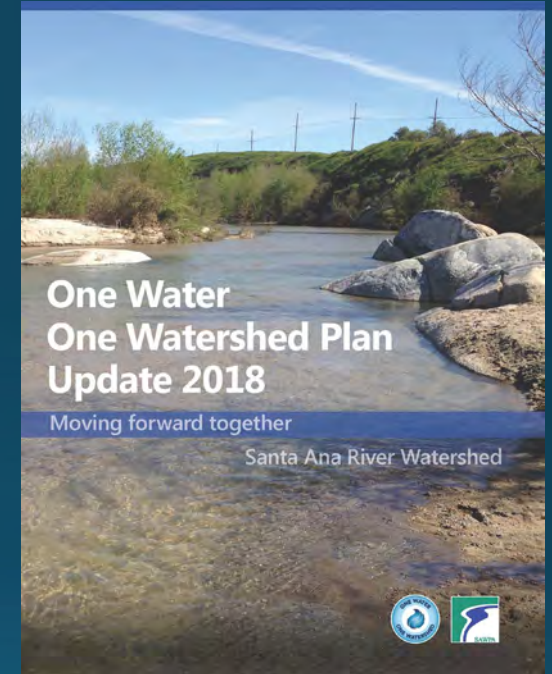
# Task Order Approval for the Roundtable of Regions Network Coordinator

Ian Achimore, Senior Watershed Manager  
SAWPA Commission | June 16, 2020  
Item No. 6.C.



# Integrated Regional Water Management (IRWM)

- Formally began as a state-wide program in 2002 with passage of Senate Bill 1672.
- Since then, various bond measures such as Prop 1, have provide \$1.5 Billion in IRWM funding to projects that are selected through local IRWM planning in 48 regions.



The IRWM Plan in the Santa Ana River Watershed Region is the One Water One (OWOW) Watershed Plan Update 2018

# IRWM Roundtable of Regions

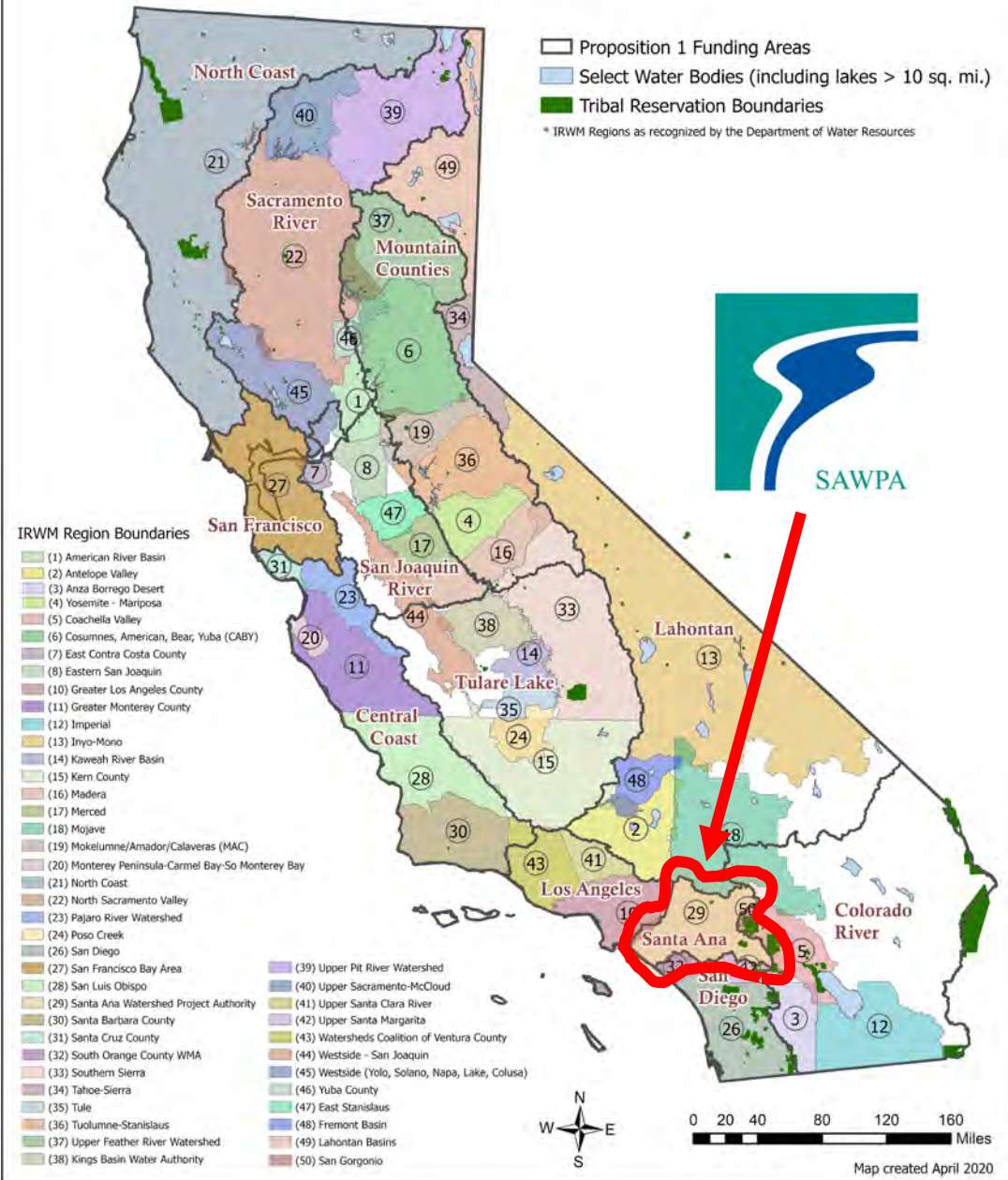


- Began in 2006.
- Functions as partnership, led by engaged staff and two co-chairs.
- Very engaged with Department of Water Resources regarding State's management of IRWM grants.
- Network extends limited resources and amplifies results of all participants.
- Executed Charter Agreement in April 2019 (amended in April 2020).



# Integrated Regional Water Management

## Funding Areas | IRWM Regions\*



# Network Coordinator Cost Share Agreement

- December 2018: RFP for Network Coordinator Issued by SAWPA
  - Sierra Water Workgroup/JM Consultants selected.
- Early 2019: 13 entities formally ratify Cost Share Agreement
  - Includes two terms: FYE 2019/2020 and FYE 2021.
  - SAWPA is the lead for managing the network coordinator.
- Invoices will be distributed to entities by SAWPA in July 2020 (like other SAWPA task forces).



# Cost Share Agreement Funding Table

Roundtable Participant	FYE 2020*	FYE 2021
Mojave Water Agency	\$11,633	\$10,329
San Diego County Water Authority	\$4,653	\$4,132
City of San Diego	\$2,908	\$2,582
Sonoma Water	\$11,633	\$10,329
Greater Los Angeles County IRWM	\$11,633	\$10,329
Environmental Justice Coalition for Water	\$116	\$103
Santa Clara Valley Water District	\$11,633	\$10,329
Yuba County IRWM	\$11,633	\$10,329
Upper Kings Basin IRWM	\$5,816	\$5,165
Westside Sacramento IRWM	\$1,745	\$1,549
Santa Ana Watershed Project Authority	\$5,816	\$5,165
Yosemite-Mariposa IRWM	\$582	\$516
Santa Barbara County IRWM Region	\$3,490	\$3,099
Burdick & Company	\$1,163	\$1,033
<b>Total</b>	<b>\$84,454</b>	<b>\$74,990</b>



\*And 3 months of FYE 2019

# Budget Considerations for FYE 2021 Task Order

- Task Order with JM Consultants to be funded by same contributing partners who committed to the first term.
- Funding available in SAWPA's fund 373 (One Water One Watershed).

Cost Category	Total Amount	SAWPA Share
<b>Total Project Costs</b>	<b>\$74,990</b>	<b>\$5,165 (7%)</b>



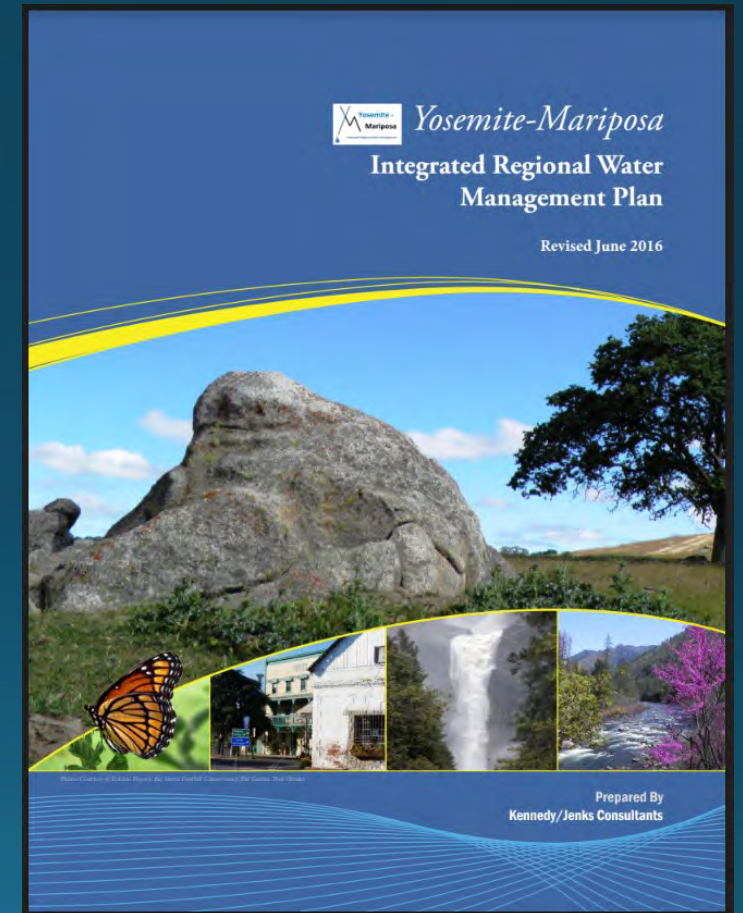
# Network Coordinator

## Task Areas:

- Support the Steering Committee.
- Maintenance of state-wide membership contact list.
- Schedule, coordinate, note-take and facilitate regular participant calls.
- Assist in development of summit for in-person Roundtable & DWR engagement.
- Develop and administer surveys of membership to support IRWM Program.
- Develop website and other brochures for marketing IRWM Program.

# JM Consultants – Firm Profile

- Original Sub-consultant to Sierra Water Workgroup.
- Experience in IRWM Planning and Regional Efforts.
  - Yosemite-Mariposa Integrated Regional Water Management Plan.
  - Proposition 1 Disadvantaged Communities and Tribal Involvement Project for the Mountain Counties IRWM Region.
  - Sacramento Water Conservation Advisory Group.



# JM Consultants – Latest Activities

- Every Quarter: Full Roundtable meetings.
- 2019: Launched new website.
- November 2019: State-wide IRWM Summit.
- November 2019: Finalized brochures to promote IRWM.
- 2019 and 2020: November 2020 water bond advocacy.
- February 2020: Comment letter on Draft Water Resilience Portfolio.
- April 2020: Amended Roundtable charter.
- Ongoing: Close coordination with DWR regarding IRWM grants and related programs.







# IRWM ROUNDTABLE OF REGIONS

Representatives of IRWMs in California

Member Log In

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The Roundtable of Regions is a consortium of representatives from Integrated Regional Water Management (IRWM) Regions around the state. Each IRWM is unique - but they all share many common interests. The Roundtable provides a forum for interested parties working on IRWM to discuss those interests and to share their successes and challenges. It also provides a forum for collaborating and providing input to the State on the IRWM Program. The Roundtable welcomes all groups who are actively working on developing and/or implementing IRWM Plans.



## FROM YOUR CO-CHAIRS

Many of you involved with the IRWM Program are working from home. The Steering Committee hopes this message finds you healthy and safe. Though we are all impacted by the ongoing public health emergency, we want to assure you that the Roundtable of Regions Steering Committee continues to meet and move forward on important activities.

Despite the current health crisis, we must continue our efforts to strengthen support for IRWM. The Roundtable is one of the primary vehicles for communicating the benefits of IRWM and how important this approach and program are to future water resilience in California. Now, more than ever, we need to make our voice heard - and continue our outreach to our IRWM colleagues, local elected officials and state officials/legislators. Our recent efforts have made a difference and we need to keep it up!

We want to express our appreciation for your ongoing support of and participation in IRWM. Given the inclusive and collaborative nature of integrated regional water management, we would not be able to pursue the Roundtable's important priorities without you.

**"IRWM is unique because of the determination and willingness of interests that have not been in the same room together for decades to sit down at the same table and take on issues one more time. It brings together sincere individuals seeking to bridge diverse perspectives, motives, and objectives to build relationships, support communities, and connect across differences—and in some cases, setting aside their own interests to support smaller or less affluent groups with greater needs."**

FAQs

Success Stories

Calendar

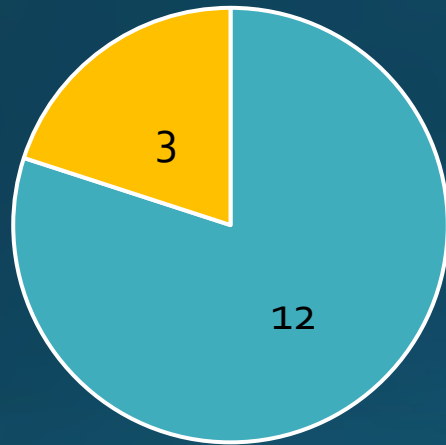
In The News

Blog Links

Member's Page

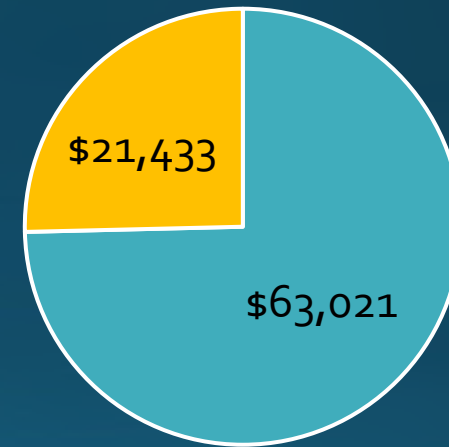
# Invoicing Status for Term 1 (FYE 2019/20)

## Schedule



- Months Under Contract Completed
- Months Under Contract to Complete

## Budget



- Invoiced
- Remaining Balance

Under budget as we have about 25% of budget remaining as of April 15, 2020.

# Network Coordinator: Activities for the 2nd Term (FYE 2021)

- Recruit more IRWM Regions to actively participate in Roundtable activities, develop recruitment brochure.
- Coordinate with Association of California Water Agencies on two brochures: 1) IRWM region template, and 2) IRWM project template.
- Revise IRWM Outreach brochure.
- Coordinate with State Water Resources Control Board on IRWM activities.
- Manage website, facilitate ongoing meetings, and coordinate general activities of the Roundtable.



# How SAWPA benefits

- Roundtable is a trusted partner to DWR & ACWA,
- Maximizes limited resources across the State and amplifies the importance of IRWM to State leaders,
- Keeps Roundtable on task and on track to ensure IRWM is successful statewide,
- Increases opportunities for IRWM regions to network with - and learn from- each other and collaborate on important initiatives, leveraging success,
- Allows SAWPA to continue to shape the focus of the Network Coordinator's scope of work, and
- Supporting the Network Coordinator is a statewide role for SAWPA.





# Recommendation

Execution of a Task Order with JM Consultants in the amount of \$74,990 for the Roundtable of Regions Network Coordinator Project.





# **Disadvantaged Communities Involvement Program**

## **Status Report**

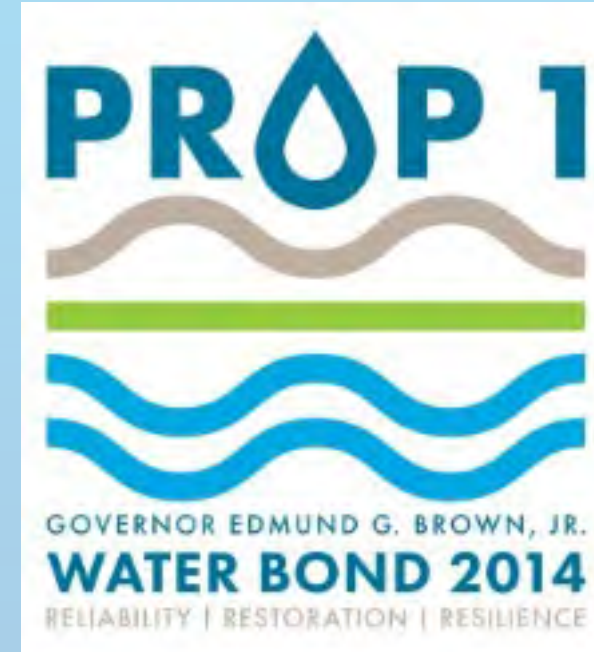
**Rick Whetsel, Senior Watershed Manager  
SAWPA Commission | June 16, 2020  
Item No. 6.D.**



# Disadvantaged Communities Involvement Program (DCI) Program

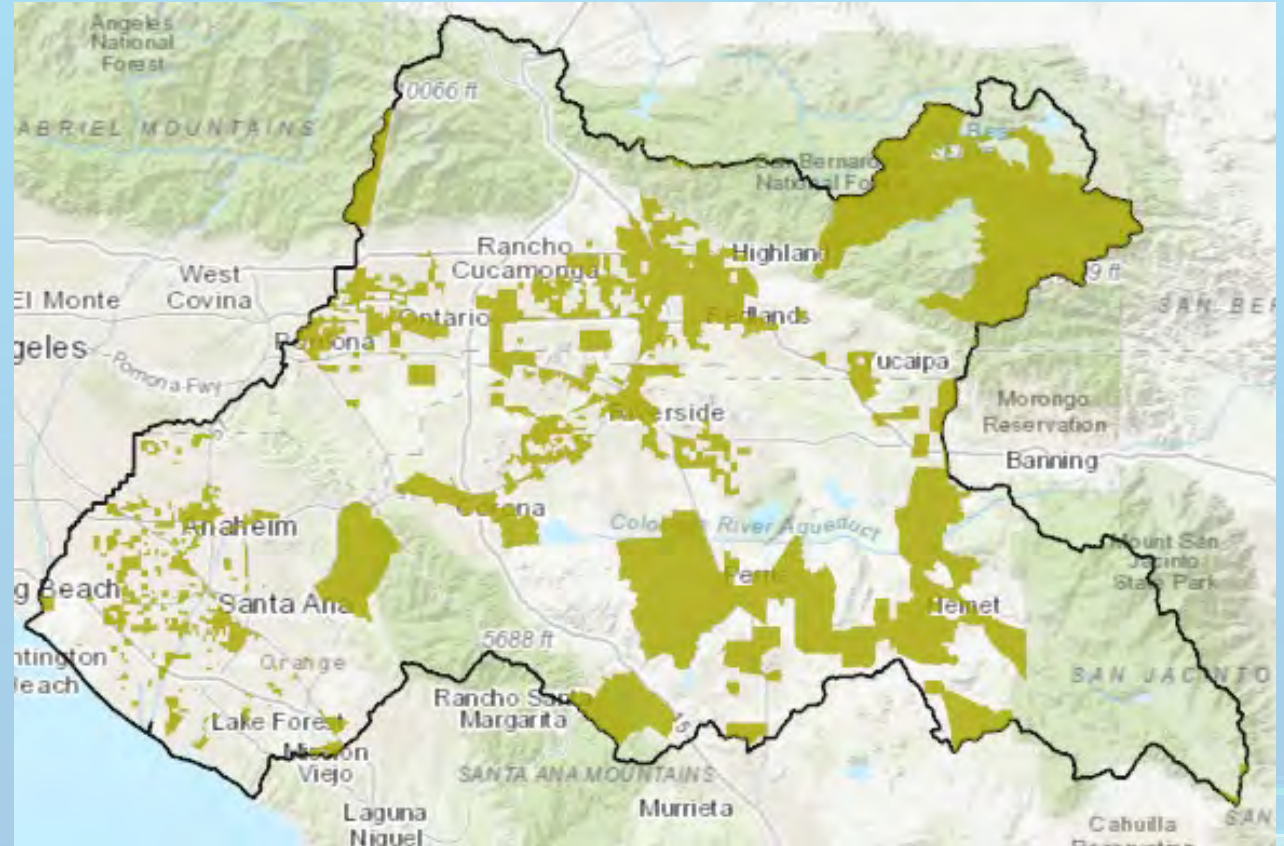
DWR established the Disadvantaged Community Involvement Grant Program to support the following objectives:

- 1) Work collaboratively to involve DACs, community-based organizations, and stakeholders in IRWM Planning efforts
- 2) Increase the understanding, and identify the water management needs of disadvantaged communities
- 3) Develop strategies and long-term solutions that appropriately address the identified DAC water management needs
- 4) Support technical assistance for planning of future construction projects including feasibility, design, CEQA, etc. - Not construction at this stage.



# DCI Program Elements

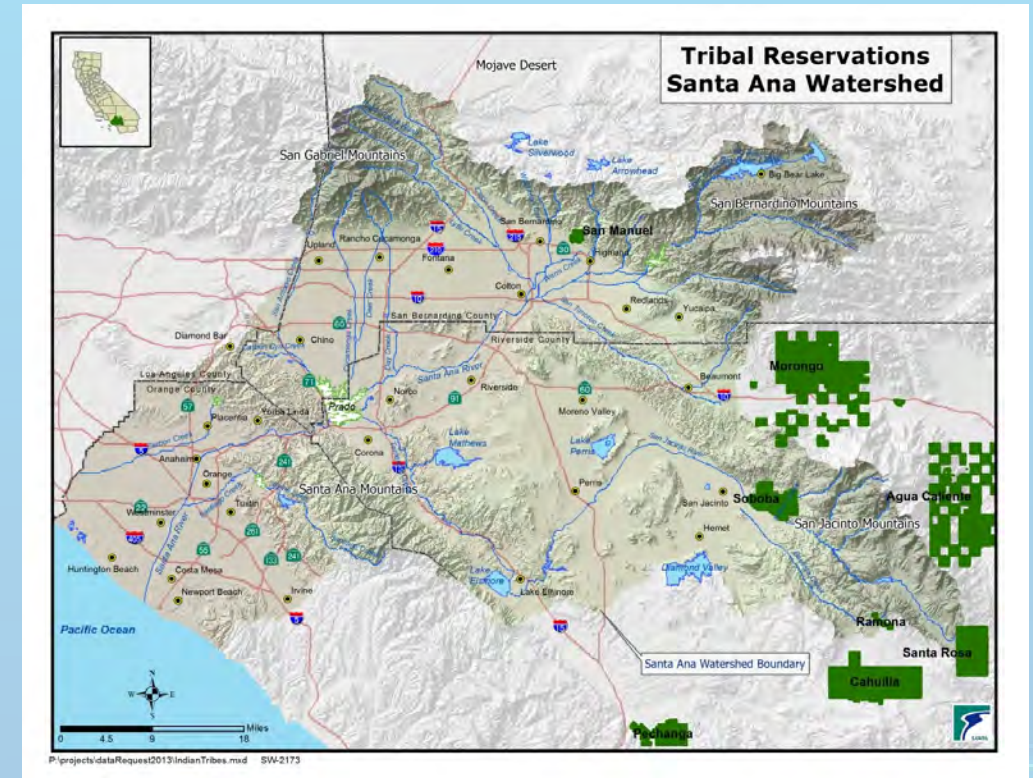
1. Strengths and Needs Assessment
2. Education and Engagement
3. Project Development
4. Administration





# Activity 9: Tribal Consultation

- Objective: Establish a Tribal Advisory Committee (Tribal AC) with California Native American Indian Tribes and agency staff to provide opportunities for collaboration.
- Activity Lead: CRWA
- Current Status: development of Charter
- Activity Budget \$120 K



# Tribal Advisory Committee

- Served as speaker at DWR - Tribal Regional Water Management Webinar
  - Three-part series held on May 19, 26 and June 2, 2020
- Commenced meetings with Tribes on formation of Tribal Advisory Committee
- Will present to SAWPA Commission on July 7th for feedback on
  - Tribal Advisory Committee Charter
  - Possible SAWPA Resolution of Support



# Activity 11: Translation Services

- Objective: Translation services for documents and meetings are available.
- Foreign languages include, but are not limited to, Spanish, Vietnamese, Korean, Chinese, and Tagalog.
- American Sign Language interpretation available for simultaneous translation.
- Completed: 55 jobs at \$80K
- Activity Budget capped at \$100K
- Activity Close Out June 30, 2020





# Activity 12: Engagement Best Practices Publications

- Objective: Produce publication to report on engagement of disadvantaged communities and water management
- Case studies from around the state, including the SAWPA region
- Format: Printed publication distributed Statewide
- Activity Lead: Water Education Foundation
- Activity Budget \$115 K
- Completion Date: June 30, 2020

Solving Water Challenges in Disadvantaged Communities: A Handbook to Understanding the Issues in California and Best Practices for Engagement



# Activity 15: Water Agency Community Engagement Training

- Partner LGC and CRWA to provide trainings and workshops for water agencies
- Up to 10 trainings directed at agency staff for small Community Water Systems and Mutual Water Companies
- Three workshops to inform and educate water agencies staff in the watershed on the SAWPA Disadvantaged Community Involvement program.
- Activity Budget \$150 K





# Disadvantaged Communities and Tribal Involvement Lessons Learned Summit

- SAWPA approached by DWR to host statewide Summit
- Focus on Disadvantaged Communities and Tribes Lessons Learned through the Prop 1 IRWM Program
- Highlights SAWPA DACI Program
  - Includes findings from other IRWM regions around the State
- Event Planning Committee lead by SAWPA
  - Includes DWR, other IRWM Regions and NGOs
- Schedule (Due to COVID-19)
  - Two-day Virtual Event (4-5 hours each day)
  - October or early November 2020
- Key Deliverable: Summary Findings Report



# Activity 16: Local Elected Leader Training

- Objective: Provide trainings for local elected leaders and their staff in the watershed. These training sessions will relay the findings of the Strengths & Needs Assessment program element, basic information on water management topics, and best practices for helping the communities they serve interact with water planning.
- Activity Lead: LGC



# Activity 16: Local Elected Leader Training Watershed Ambassador Workshops

Previous two workshops were conducted in late 2019 and early 2020

## Third workshop theme: Communicating the Value of Water

- Two Virtual Events (due to COVID-19)
- Tuesday June 2nd and Thursday June 4th (half day events)

## Program Tutorial

- Include key messaging and materials from all three rounds of Workshops





# Activity 17: Community Engagement Interns Program

- Objective: Provide student interns from local college campuses in watershed to water agencies and other non-profit for disadvantaged community assistance.
- Activity Lead: CSUSB / Civic Sparks
- Placement 60 Interns (complete)
- Allocated Funding \$500K



# Activity 18: Technical Assistance for Community Need

- Objective: Technical Assistance (TA) funding to support the development of projects and programs that address the water needs of disadvantaged and underrepresented communities.
- Requires evaluation of projects, plans, and programs following set of evaluation criteria developed by DCI Technical Advisory Committee (TAC)
- Allocated Funding \$2.9 M



## DCI Program Technical Assistance Funding

TA Award	Project Sponsor:	Project Title:
\$25,630	CRWA / CSU WRPI	Median Household Income Surveys
\$74,441	SAWPA	Assessing the Water Quality, Riparian, and Aquatic Habitat Impacts of Homelessness in the Upper Santa Ana River Watershed
\$350,000	Soboba Band of Luiseno Indians	Residential Asbestos Cement Pipe Abandonment and Replacement Project
\$500,000	Big Bear Area Regional Wastewater Agency	Replenish Big Bear
\$121,939	California Rural Water Association	Tribal Advisory Committee (Tribal AC)
\$175,000	Box Springs MWC	Rehabilitation, Removal or Replacement of Water Storage Reservoirs with SCADA
\$200,000	City of Colton	Two New Potable Wells with Generators
\$100,000	Devore WC	New Reservoir, Distribution System Upgrades and New Well
\$150,000	Idyllwild WD	Water Treatment Plant Upgrade with SCADA
\$100,000	Marygold MWC	New Well and Generator Project
\$25,000	Riverside Highland WC	Ion Exchange System
\$250,000	Terrace MWC	New Potable Well
\$200,000	Eastern Municipal WD	Quail Valley Sub-Area 4 Septic to Sewer, Phase 1 Planning Analysis
\$277,990	City of Rialto	Bohnert/Banyon Septic to Sewer Project
\$100,000	Orange County WD	Watershed Education and Field Trip Program for Disadvantaged Community Elementary School Students
\$100,000	City of Fullerton	Fullerton's Water Future - Ensuring Delivery of Clean, Safe Drinking Water
\$50,000	Huerta del Valle	Reconnecting and Enhancing Water Resources for greater community and environmental benefit.
\$100,000	City of Santa Ana	Washington Avenue Well Project
\$2,900,000	Total Technical Assistance funding Awarded	



# ASSESSING THE WATER QUALITY, RIPARIAN, AND AQUATIC HABITAT IMPACTS OF HOMELESSNESS IN THE UPPER SANTA ANA RIVER WATERSHED

- Objective: assess the impacts of homeless encampments along water ways in the upper Santa Ana River Watershed
  - (a) Literature Review and Assessment of Existing Information
  - (b) Preparation of Preliminary Monitoring Program
- Project Lead: GEI Consultants
- Activity Budget \$75 K
- Completion Date: June 30, 2020



# DCI Program Budget

Program Element		Budget	Expenses	Balance	% Spent
<b>1</b>	<b>Strengths &amp; Needs</b>	\$ 898,644	\$ 898,644	\$ -	100%
<b>2</b>	<b>Engagement / Education</b>	\$ 1,853,068	\$ 1,340,348	\$ 512,720	72%
<b>3</b>	<b>Project Development</b>	\$ 3,233,288	\$ 1,094,145	\$ 2,139,143	34%
<b>4</b>	<b>Administration</b>	\$ 315,000	\$ 167,171	\$ 147,829	53%
	<b>Total</b>	<b>\$ 6,300,000</b>	<b>\$ 3,500,308</b>	<b>\$ 2,799,692</b>	<b>56%</b>





# Program Schedule

Element / Activity		2020 Q1	2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3
<b>PE 1</b>	<b>Strengths &amp; Needs Assessment</b>							
<b>PE 2</b>	<b>Engagement / Education</b>							
9	<b>Tribal Consultation</b>							
11	<b>Translation Services</b>							
12	<b>Engagement Best Practices Publications</b>							
14	<b>Community Water Education</b>							
15	<b>Water Agency Engagement Training</b>							
16	<b>Local Elected Leader Training</b>							
17	<b>Community Engagement Interns Program</b>							
<b>PE 3</b>	<b>Project Development</b>							
18	<b>Technical Assistance / Project Implementation</b>							
20	<b>CivicSpark Water Fellows</b>							
<b>PE 4</b>	<b>Grant Administration</b>							

# Questions





# Emerging Constituents Program Task Force | Social Media Consultant Support

Mark R. Norton PE  
Water Resources & Planning Mgr.  
Commission I June 16, 2020  
Item No. 6.E.





# Fund 392 Emerging Constituents (EC) Program Task Force

SAWPA authorized TF agreement - 2012

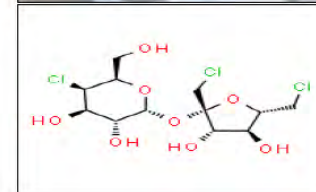
## Description

- Complies with Regional Board Resolution under Cooperative Agreement for Imported Water Recharge
- Complete Voluntary Annual Sampling reports for emerging constituents and PFAs
- Implements safe tap water public outreach program based on SAWPA commission direction to respond to Environmental Working Group misinformation

## Benefits

- Assisted state and federal agencies in determining most effective measuring and detection practices
- Avoided need to conduct long term EC monitoring costs on 100s of other ECs
- Watershed evaluation of ECs helped frame discussion on ECs at State level to our benefit
- Corrects misinformed media exposure through outreach

### 2019 Sampling Report for Emerging Constituents in the Santa Ana Region



Santa Ana Watershed Project Authority



Final Report

April, 2020

# Emerging Constituent Program Task Force

## Participating Task Force Agencies in Outreach

Eastern Municipal Water District	Jurupa Community Services District
Inland Empire Utilities Agency	Yucaipa Valley Water District
City of Riverside	City of Corona
Temescal Valley Water District	City of Redlands
Elsinore Valley Municipal Water District	City of Rialto
Irvine Ranch Water District	Western Riverside Co Regional Wastewater Authority
Colton/San Bernardino Regional Tertiary Treatment and Wastewater Reclamation	

# Scope of Work

## **Task 1 - SAWPA Emerging Constituents Public Relations Blog:**

- Prepare and publish online monthly articles
- Create awareness of the safety of tap water
- Conduct interviews with local water professionals and water experts
- Quarterly short informational videos

## **Task 2 - SAWPA Website Social Media Support:**

- Support and use established social media tools for SAWPA such as Facebook and Twitter to attract new viewers and drive traffic to SAWPA's Water Blog.

## **Task 3 - Development of an effective annual plan for the Emerging Constituents PR Blog**

## **Task 4 - Prepare and present material on project development, accomplishments, and blog viewership**

## **Task 5 - Provide presentations to SAWPA Commission & EC Program Public Outreach Workgroup:**



# Emerging Constituent Program Task Force

## Benefits to Funding Agencies

### **SOCIAL MEDIA**

- Build awareness about water related issues
- Share information on safety of potable water supply
- Correcting misinformed media exposure through outreach
- Provide science-based information about emerging constituents
- Link “Your So Cal Tap Water” blog with participating agencies social media



# Request for Proposals

- Agreement for Services (5 yr) and task orders expire EC Program TF Social Media Support Consultant expires June 30, 2020
- Request for Proposals (RFP) was sent to 11 public relations firms and posted on SAWPA website
- Three firms responded to the RFP
  - DeGrave Communications
  - JPW Communications
  - Presidio
- Interviews of three firms conducted by virtual meeting on June 2, 2020 with EC TF Public Relations reps
- Maximum funding in RFP was established at \$35K/yr





# Recommended Firm – JPW Communications

- Interview panel was unanimous in recommending JPW Communications
- JPW Communications is based in Carlsbad, CA and worked successfully with SAWPA member agency, WMWD
- JPW Communications is capable small business with experience with JPAs and multiple water related agencies
- SAWPA staff recommend a three-year task order of \$105,000 at \$35K/yr with option to extend to reduce administrative costs
- All funding for consultant's services and SAWPA staff administration support provided by participating EC Program Task Force agencies
- EC Program Task Force has approved their own task force budget for FY20-21 which includes these consultant services



# Recommendation to SAWPA Commission

Approve a General Services Agreement with JPW Communications and Task Order JPW392-01 with JPW Communications for an amount not-to-exceed \$105,000 at \$35,000/yr for three years for social media support for the Emerging Constituents Program Task Force



# **SAWPA Roundtables/ Task Forces Status, Goals and Workplan for FYE 2021**

**Mark R. Norton PE  
Water Resources &  
Planning Mgr.  
Commission I June 16, 2020  
Item No. 6.F.**





# Roundtables (Task Forces) formed since 2000 and approved by SAWPA Commission



# Roundtables Completed in the past 20 years

- SA River Stakeholder Outreach
- SAR Watershed Group
- SA River Trail Parkway
- GIS Initiative
- ACOE Feasibility Study
- PA16 Colton/Riverside
- Deer Creek Mitigation Support
- Riverside County Biosolids Task Force
- Chino Hills State Park Expansion
- Recreational Mapping
- Trail Marketing Support
- Big Bear TMDL Task Force
- Nitrogen TDS Task Force
- Storm Water Quality Standards Task Force



# Roundtables Goals & Objectives

- Fund 374 Basin Monitoring Program TF
- Fund 381 SAR Fish Conservation TF
- Fund 384-01 MSAR TMDL TF
- Fund 386 RWQ Monitoring TF
- Fund 387 Arundo Management & Habitat Restoration
- Fund 392 Emerging Constituents TF





# Basin Monitoring Program Task Force

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

- Four new agencies added in 2015
- Santa Ana Regional Board also a non-funding task force agency



# Basin Monitoring Program Task Force Rechargers Subcommittee

SAWPA authorized as Subcommittee – 10-25-19

## Description

- Formerly a separate workgroup based on cooperative agreement
- Jan. 2008 Cooperative Agreement approved by Regional Board as alternative to new regulation impacting imported water recharge
- Groundwater rechargers developed more flexible approach to salt compliance

## Benefits:

- Allows continued recharge of imported water including Colorado River Water and State Project Water
- SAWPA facilitated resolution
- Allowed about 1/3 of watershed water supply or 514,000 AFY to continue to be used in watershed
- Improved efficiency as subcommittee to BMP Task Force



# Recent Activity – BMP TF

- Completed draft triennial ambient groundwater quality update by WSC in May 2020
- Completed Draft Santa Ana River (SAR) Wasteload Allocation Report in Sept. 2019, Final Report by June 2020
- Executed task order for Supplemental Environmental Document preparation for SAR Wasteload Allocation
- Existing WWTP permits were extended to meet new SAR Wasteload Allocation
- Included results of Drought Policy study in proposed permits changes for Basin Plan Amendment by Fall 2020



# Fund 374 Basin Monitoring Program TF FY 2020-21 Goals

Project Manager: Mark Norton

Funding Source: Participant Fees and Member Agencies [Contributions](#)

- Administer all defined responsibilities and activities under the Regional Board Basin Plan as defined in the Basin Monitoring Program Task Force agreement.
- Provide support for incorporating updated SAR Wasteload Allocation Model Update results into Basin Plan Amendment (BPA)
- Prepare Substitute Environmental Analysis for BPA as required by Regional Board
- Provide support for the regulatory approval process to adopt BPA revising the Wasteload Allocation
- Prepare 2020 SAR Annual Water Quality Update – June 2021
- Support Rechargers Subcommittee to refine future SBVMWD Upper SAR Watershed Integrated Model to include water quality projections to reduce costs for both BMP Task Force and Rechargers



# Fund 381 Santa Ana Fish Conservation Team

## Description

- Collaboration among local, State and Federal agencies,
- Habitat survey (Riverwalk) and population monitoring, and
- Designing and constructing fish habitat.



## Benefits

- Able to receive grant funding that regulated entities are not able to receive,
- Creates good will and strong working relationship between water agencies and regulatory entities, and
- Long track record of monitoring habitat in the Santa Ana River Watershed.

# Recent Activity – SAR Fish Conservation Team

- Coordinated with San Bernardino County Department of Public Works on potential patrol sweeps for off-road vehicle trespassers in the Santa Ana River.
- Analyzed the latest 2019 Riverwalk data that was collected in November 2019.
- Worked with SAWA to replant/manage 0.3 acres of vegetation as part of the mitigation for the habitat project constructed by the Team near the Van Buren Blvd. Bridge.
- Staff worked with Woodard and Curran on updating a Task Force brochure so it contains up-to-date information on recent projects.



# Fund 381 Santa Ana River Fish Conservation TF

## FY 2020-21 Goals

Project Manager: Ian Achimore

Funding Source: Participant Fees and Member Agency Contributions, SEP Funds, Other Grant Funding

- Administer SAR Fish Conservation Task Force
- Coordinate on Santa Ana sucker habitat restoration opportunities with Upper SAR Habitat Conservation Plan
- Maintenance of the Habitat and Beneficial Use Enhancement Project
- Design and construct a second phase of the Habitat and Beneficial Use Enhancement Project
- Pursue grants or partnership for habitat and beneficial use projects
- Gather habitat data based on Santa Ana Riverwalk monitoring
- Support permit compliance for OCWD



# Fund 384-01 Middle Santa Ana River Pathogen TMDL Task Force

SAWPA authorized agreement in 2004

## Description

- Addresses water quality impairment to Santa Ana River and its tributaries In the Chino Basin area known as the Middle Santa Ana River watershed  
-pathogens

## Benefits

- Collaborative approach to TMDL compliance
- Healthier river and tributaries resulting in expedited implementation of water resource projects
- Surface Water Quality Improvement





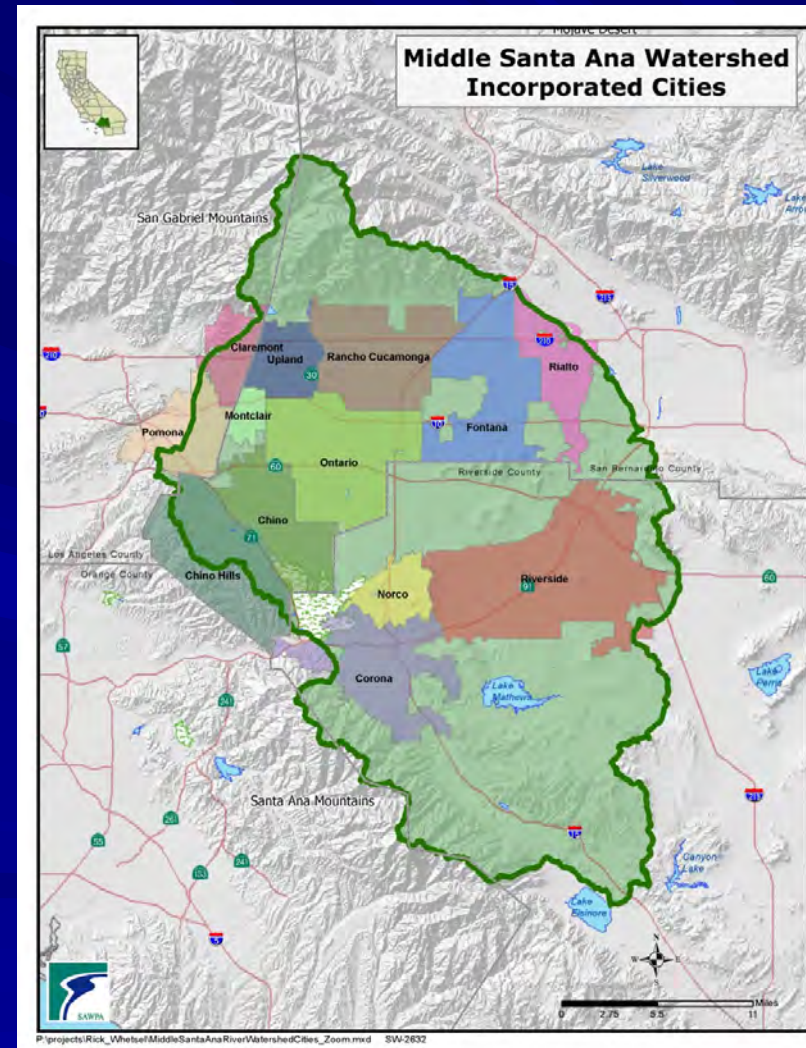
# Middle Santa Ana River Pathogen TMDL Task Force

- February 2005, Basin Plan amended to include Bacterial Indicator Total Maximum Daily Loads (TMDLs) for Middle Santa Ana River Waterbodies
  - Santa Ana River, Reach 3
  - Chino Creek, Reaches 1 and 2
  - Cucamonga Creek, Reach 1
  - Mill Creek (Prado Area)
  - Prado Park Lake
- Key Compliance Dates
  - December 31, 2015 - compliance with Dry Season TMDLs, wasteload allocations and load allocations
  - December 31, 2025 - compliance with Wet Season TMDLs, wasteload allocations and load allocations



# Middle Santa Ana River Pathogen TMDL Task Force

- Task Force Agencies :
  - County of San Bernardino
  - County of Riverside
  - Cities of Chino, Chino Hills, Claremont, Corona, Eastvale, Fontana, Jurupa Valley, Montclair, Norco, Ontario, Pomona, Rancho Cucamonga, Rialto, Riverside, and Upland
  - Agricultural Operators represented by Chino Basin Watermaster Agricultural Pool





# Recent Activity – MSAR TMDL TF

- Administered Task Force meetings
- Completed synoptic study to evaluate the effectiveness of the Comprehensive Bacteria Reduction Plans (CBRPs) implemented by MS4 programs
- Supported the implementation of the Riverside / San Bernardino Counties CBRP in coordination with the Regional Water Quality Program Task Force.
- Explored timing of future MSAR TMDL Updates and need



# Fund 384-01 Middle Santa Ana River TMDL TF

## FY 2020-21 Goals

Project Manager: Rick Whetsel

Funding Source: Participant Fees

- Conduct 2020 – 21 Annual Watershed-wide TMDL compliance monitoring
- Conduct source evaluation studies and implement projects to support TF
- Evaluate and quantify dry weather flows of the MSAR and all major tributaries (2020)
- Update bacteria mass balance analysis (2020)
- Evaluate possible revision and update MSAR TMDLs
- Identify appropriate regulatory strategies to address other 303(d) listed waterbodies (2020)
- Develop formal criteria to identify and quantify uncontrollable sources of bacteria
- Support comprehensive bacteria reduction plan (CBRP) implementation

# Fund 386 Regional Water Quality Monitoring Program Task Force

TF agreement approved in 2016

## Description

- Implements pathogen monitoring program as a result of Stormwater Quality Standards Task Force and Basin Plan
- Includes OC Flood Control, Riverside County Flood Control and Water Conservation District and San Bernardino County Flood Control, Regional Board, SAWPA



## Benefits

- Provides monitoring to focus efforts on specific source control
- Reflects improved stormwater quality standards for cost efficiency and applicability
- Complies with Basin Plan regional monitoring requirements for bacteria





# Recent Activity – Regional Water Quality Monitoring TF

- Prepared 2019 Annual SAR Regional Bacteria Monitoring plan in April 30.
- Started 2020 Annual SAR Regional Bacteria monitoring in May 2020.
- Worked with Regional Board to encourage issuing a letter of approval for the 2019 updated Santa Ana River Watershed Bacteria Water Quality Monitoring Program Monitoring Plan and QAPP



# Fund 386 Regional Water Quality Monitoring TF

## FY 2020-21 Goals

Project Manager: Rick Whetsel

Funding Source: Participant Fees

- Administer Regional Water Quality Monitoring Task Force
- Implement the 2020 SAR Bacteria Monitoring Program
  - Monitoring and surveillance requirements of the 2012 adopted Basin Plan Amendment
  - Conduct sampling to support implementation of MSAR Bacteria Indicator TMDL
- Review and revise the Regional Bacteria Monitoring Plan (2020)
- Recalculate Antidegradation Target for bacteria to be consistent with State Board's 303(d) Listing Policy (2020)
- Amend Basin Plan to address the recalculation of Antidegradation Targets for bacteria (2021)



# Fund 387 Arundo Management & Habitat Restoration

SAWPA agreement with Riverside County Parks for Mitigation Bank in 2002

## Description

- Funds non-native plant removal and vegetation re-planting projects,
- Maintains restored habitat funded by Prop 13 Water Bond, and
- Santa Ana River Mitigation Bank provides regulatory mitigation credits to interested parties.

## Benefits

- Assists agencies in watershed receive mitigation credit for riparian impacts,
- Removes invasive plants that cause damage to bridges, water agency structures, levees, etc., and
- Increased water flow for recharge by non-native plant Arundo Donax removal.



# Recent Activity – Arundo Mgt & Habitat Restoration

- Coordinated with the Riverside County Regional Park and Open-Space District on exploring options to certify the Santa Ana River Mitigation Bank under new California mitigation banking rules.
- Began outreach to landowners for the headwaters project using the contact list and new outreach material.
- Sought services of consultants to fully transform bank so it complies with federal and California mitigation banking rules.



# Fund 387 Arundo Mgmt & Habitat Restoration

## FY 2020-21 Goals

Project Manager: Ian Achimore

Funding Source: Mitigation Credit Sales

- Coordinate Santa Ana River Mitigation Bank with Riverside County Regional Park and Open-Space District,
- Hire consultant to determine updated price per bank credit and modified process to sell credits under California's new mitigation banking rules,
- Assess Arundo removal progress in watershed through coordination with ACOE and SARCCUP, and
- Implement Arundo Removal Headwaters Project – Location Survey.



# Fund 392 Emerging Constituents (EC) Program Task Force

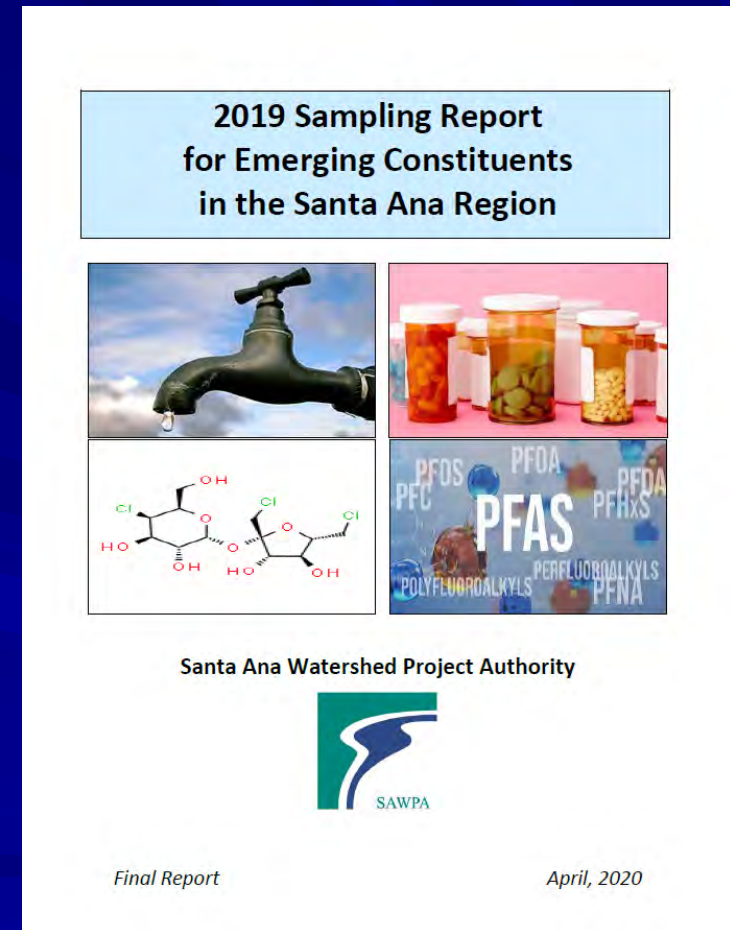
SAWPA authorized TF agreement - 2012

## Description

- Complies with Regional Board Resolution under Cooperative Agreement for Imported Water Recharge
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- Implements safe tap water public outreach program based on SAWPA commission direction to respond to Environmental Working Group misinformation

## Benefits

- Assisted state and federal agencies in determining most effective measuring and detection practices
- Avoided need to conduct long term EC monitoring costs on 100s of other ECs
- Watershed evaluation of ECs helped frame discussion on ECs at State level to our benefit
- Corrects misinformed media exposure through outreach



# 21 Water & Wastewater Agencies and Regional Board Sign Agreement to Sample ECs

Who participates:

- Water Wholesalers
- Water Retailers
- Wastewater Treatment Operators
- Regional Board Staff
- DDW Staff
- USGS Staff
- Analytical Lab Staff
- NWRI Staff
- Environmental NGOs





# Recent Activity – Emerging Constituents Program TF

- Finalized and released ECs and PFAs Sampling Report by Risk Sciences on April 2, 2020.
- Will share report results with the Santa Ana Regional Board and the SWRCB as objective data to support appropriate and science-based regulations.
- Coordination with Regulatory Agencies on PFAs developments
- Quarterly EC Program Task Force meetings



# Fund 392 - Emerging Constituents Program TF

## FY 2020-21 Goals

Project Manager: Mark Norton

Funding Source: Participant Fees

- Administer all defined responsibilities and activities under the Emerging Constituent Program TF agreement including EC data collection, data management, and communication and outreach on the safety of tap water.
- Determine if Action Plan to address PFAs on Regional scale is warranted
- Monitor State Board studies and possible further monitoring requirements for ecosystem impacts from ECs
- Administer “Your So Cal Tap Water” and other social media tools

Questions?