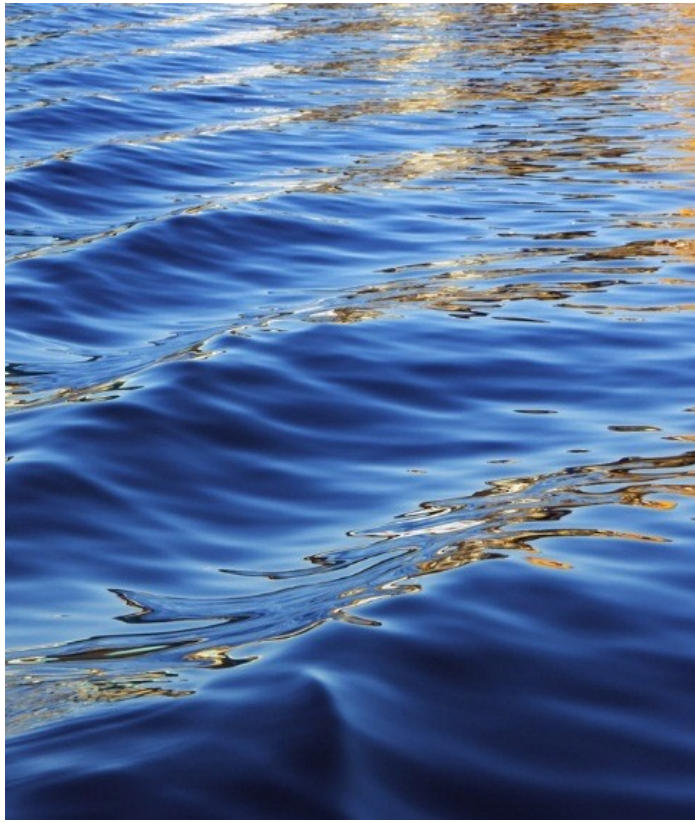
SWIG Meeting #8



Welcome and Agenda

- Welcome -Roll Call
- Update on well destruction grant (WRA)
- Prop 1, Round 2 Grant Award, City of Salinas and M1W
- Deep Aquifer Study
- Update on GSP goals and how they impact SWI
- Future Direction and Milestones
  - SWIG
  - TAC
- Next Steps
- Adjourn

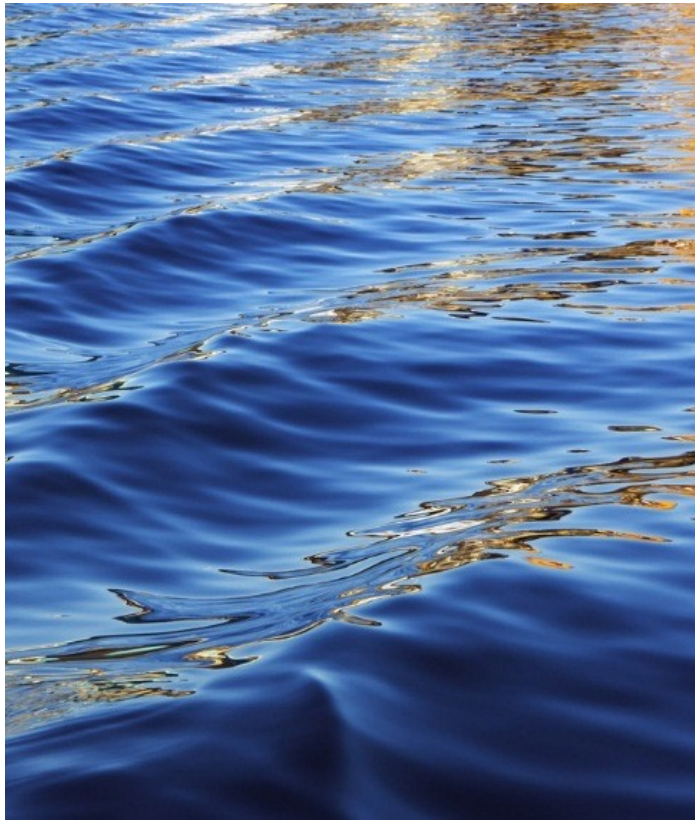
Ground Rules

- State views and ask genuine questions.
- Share all relevant information.
- Use specific examples and agree on what important words mean.
- Explain reasoning and intent.
- Focus on interests, not positions.
- Test assumptions and inferences.
- Jointly design next steps.
- Discuss undiscussable issues.

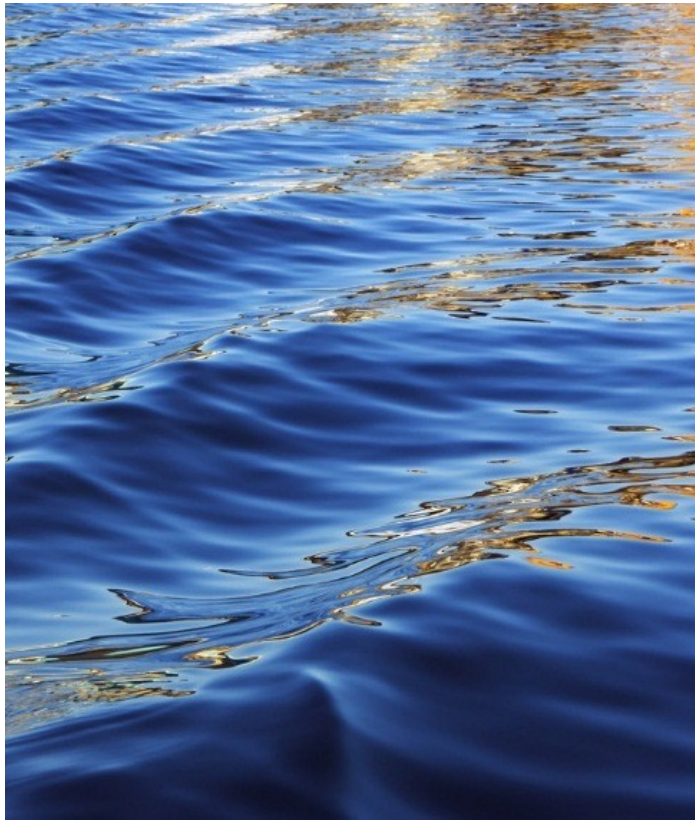
Areas of Work

- ✓ Deep Aquifer Study and how does it fit in the SWI conversation
  Understand the vertical and lateral extent of the deep aquifer and determine sustainable yield
- Comprehensive list of conservation practices that work in the Salinas Valley
- CSUMB/NASA Project Presentation
- ✓ Quantify and define the full extent of SWI
- Maximize source water for CSIP by tapping all available effluent for treatment
- Where does desal fit?
- Understand reservoir operation and releases for north county water recharge
- Reduced pumping what does it look like
- Understand reliability of source water
- Improve communications with end users
- ✓ Describe climate change impact and seawater rise on SWI
- Immediately address scheduling of water deliveries in CSIP
- Maintain and optimize river management
- ✓ Update on well destruction grant (WRA)
- ✓ Update on GSP goals and how they impact SWI activities
- ✓ Identify milestones and forward direction for SWIG

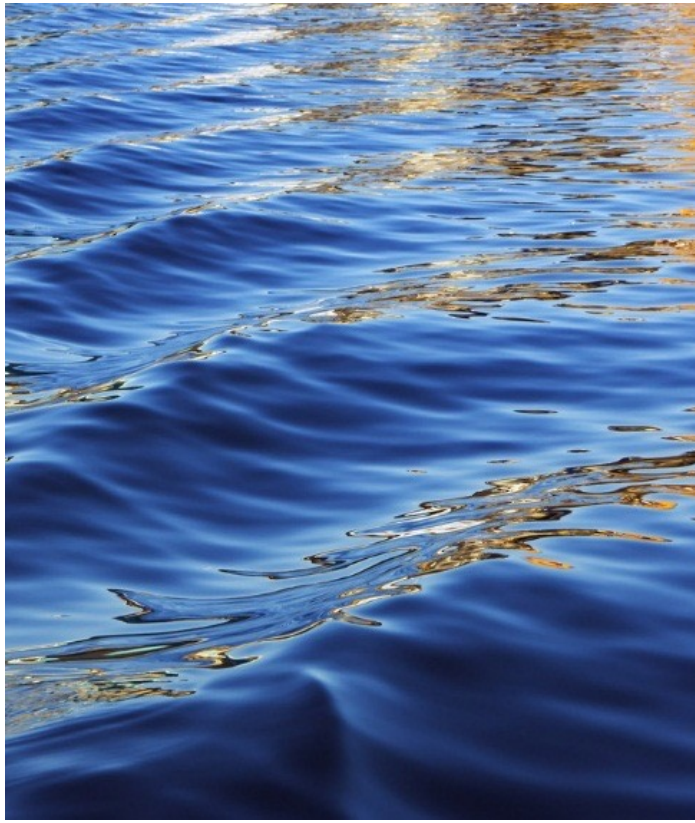
Well Destruction Grant MCWRA



Prop 1, Round 2
Grant Award,
City of Salinas and M1W



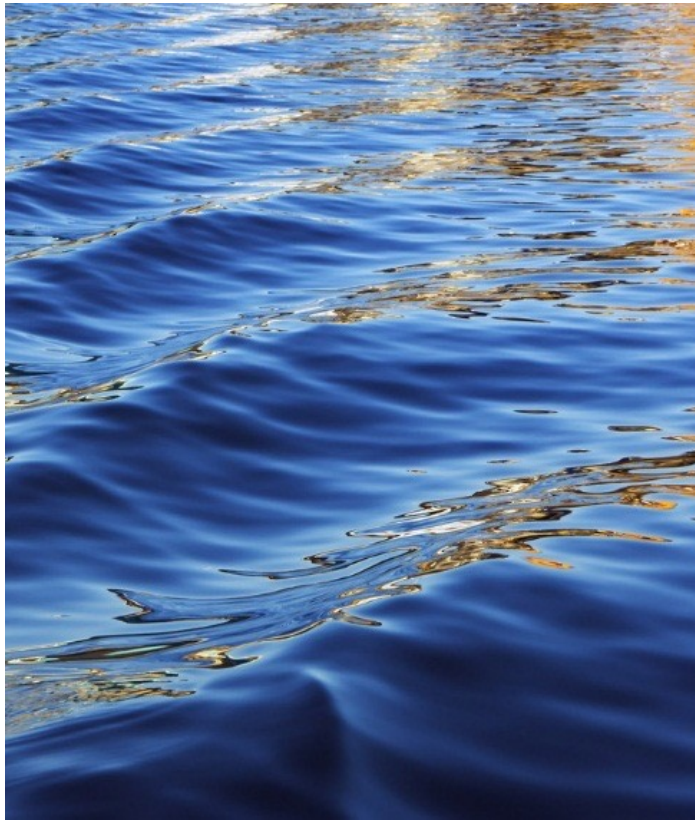
Deep Aquifer Study
SVBGSA



Time to start the conversation on how to get this done!

- Funding
- Scope
  - RFP or RFQ?
- Project Management

Update on GSP Goals and how they impact SWI



Minimum Threshold

- **8.8.2 Minimum Thresholds**
- Section §354.28(c)(3) of the Regulations states that "The minimum threshold for seawater intrusion shall be defined by a chloride concentration iso contour for each principal aquifer where seawater intrusion may lead to undesirable results" (CCR, 2016).
- The 2017 extent of the 500 mg/L chloride concentration iso contour as mapped by MCWRA is adopted as the seawater intrusion minimum threshold for both the 180- and 400-Foot Aquifers.

Measurable Objective (Maximum)

- Measurable objective for Seawater Intrusion is to move the 500 mg/L chloride iso contour to the line defined by Highway 1. This will improve the Subbasin's groundwater quality and provide access to usable groundwater to additional beneficial users.
- The interim milestones for seawater intrusion are:
- 5-Year: identical to current conditions
- 10-year: one-third of the way to the measurable objective
- 15-year: two-thirds of the way to the measurable objective

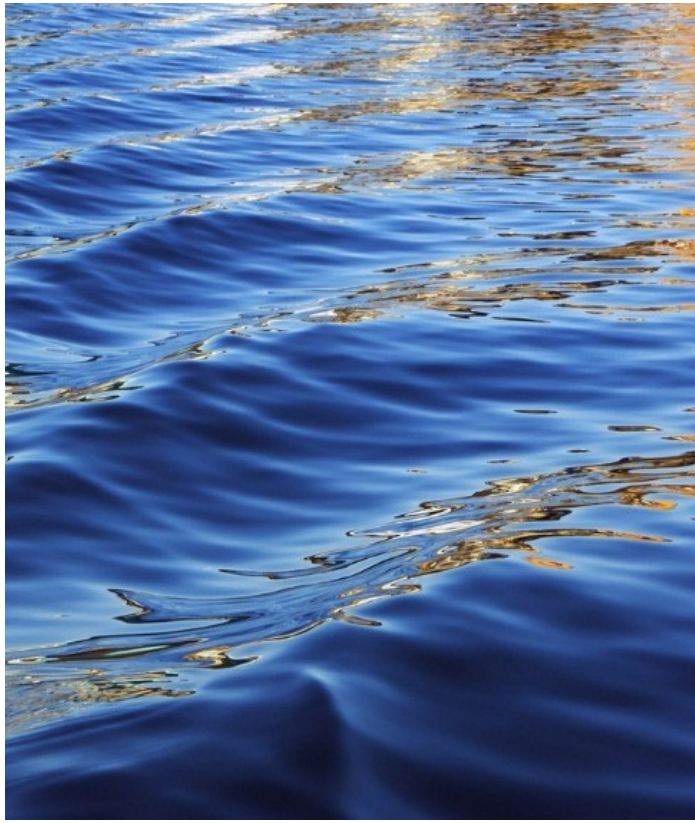
Actions and Projects

Management Actions:

- Convene a seawater intrusion working group

Priority Project #	Project Name	Water Supply	Project Type	Potential Benefit
1	Invasive Species Eradication	N/A	Indirect Recharge	
2	Optimize CSIP Operations	Recycled Water	In Lieu Recharge	Reduce SWI by 2,200 AF/yr. on average. Est
3	Modify M1W Recycled Water Plant	Recycled Water	In Lieu Recharge	Increase by 1100 AF/yr. on average. Est
4	Expand Area Served by CSIP	Recycled Water	In Lieu Recharge	Reduce SWI by 9900 AF/yr. on average. Est
5	Maximize Existing SRDF Diversion	Salinas River	In Lieu Recharge	Increase up to 4300 AF/yr. on average. Est
6	Seawater Intrusion Pumping Barrier	N/A	SWI Barrier	Stop or Reverse SWI
7	11043 Diversion Facilities Phase I: Chualar	Salinas River	Direct Recharge	
8	11043 Diversion Facilities Phase II: Soledad	Salinas River	Direct Recharge	
9	SRDF Winter Flow Injection	Salinas River	Direct Recharge	Increase up to 4300 AF/yr. on average for injection

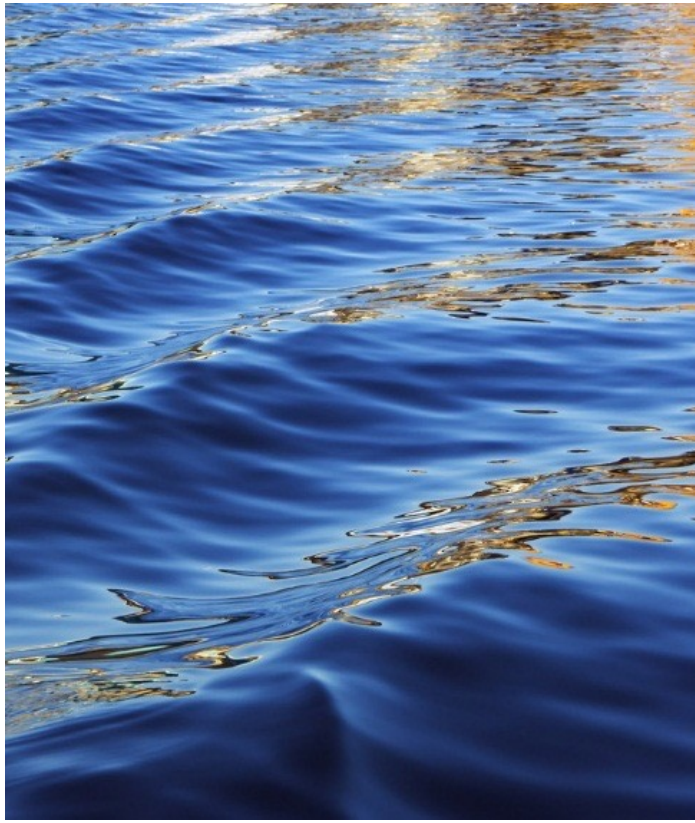
TAC Update

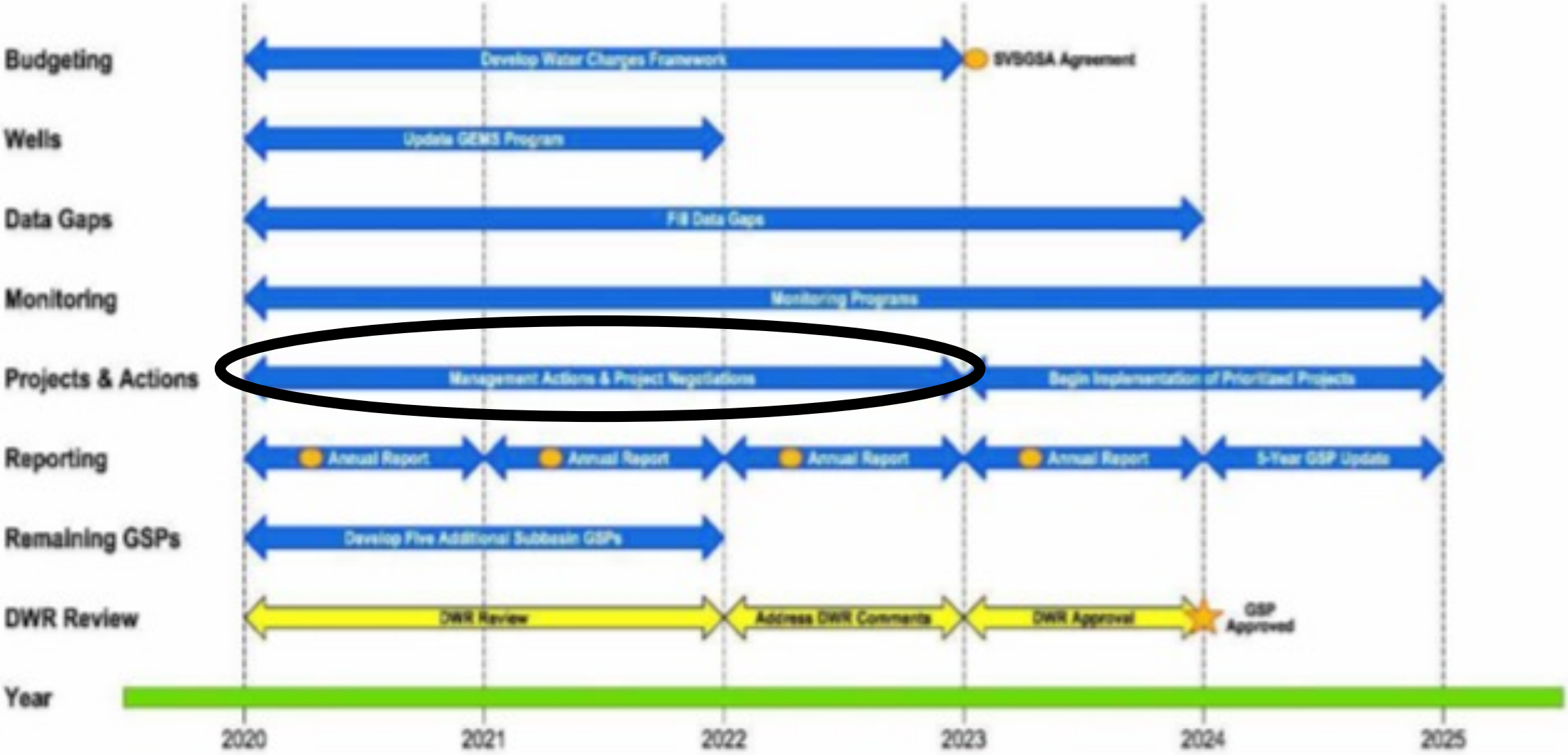


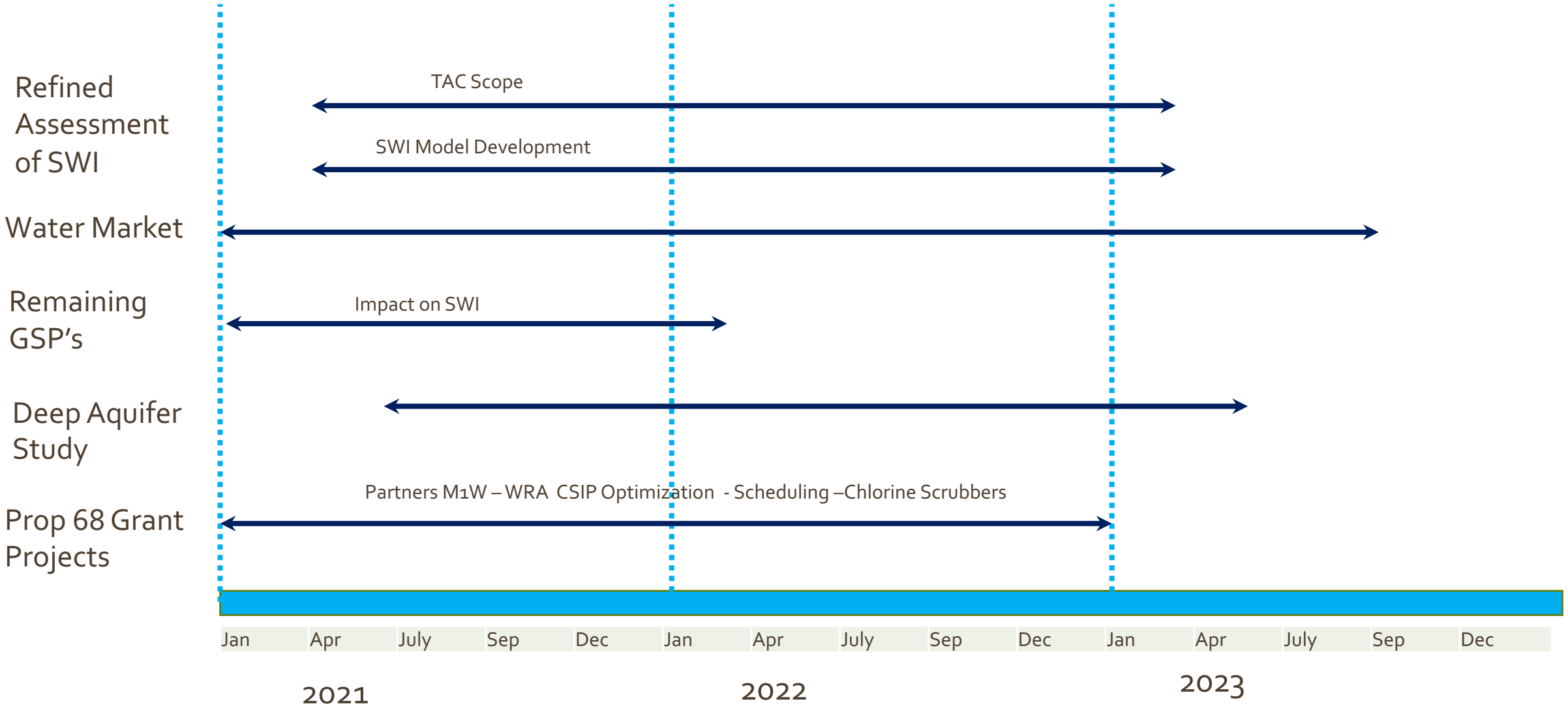
TAC Direction (TAC reports to SWIG)

- Determine how best to refine the extent of Seawater Intrusion
  - Current information is more focused on the "front"
- Input on development of SWI Model being created as apart of Monterey Subbasin GSP
- Recommendations for monitoring system
- Begin to consider climate change impact on SWI

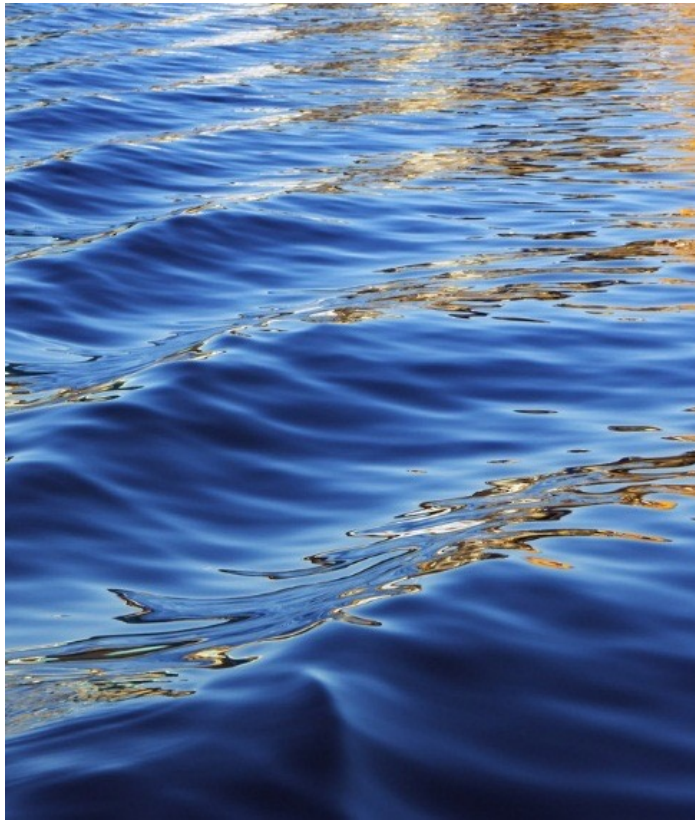
Future Direction and Milestones




Budgeting
Develop Water Charges Framework
SVSGSA Agreement
Wells
Update GEMS Program
Data Gaps
Fill Data Gaps
Monitoring
Monitoring Programs
Projects & Actions
Management Actions & Project Negotiations
Begin Implementation of Prioritized Projects
Reporting
Annual Report
Annual Report
Annual Report
Annual Report
5-Year GSP Update
Remaining GSPs
Develop Five Additional Subbasin GSPs
DWR Review
DWR Review
Address DWR Comments
DWR Approval
GSP Approved
Year
2020
2021
2022
2023
2024
2025


Refined Assessment of SWI
TAC Scope
SWI Model Development
Water Market
Remaining GSP's
Impact on SWI
Deep Aquifer Study
Partners M1W – WRA CSIP Optimization - Scheduling –Chlorine Scrubbers
Prop 68 Grant Projects
Jan Apr July Sep Dec Jan Apr July Sep Dec Jan Apr July Sep Dec
2021
2022
2023

GSA Updates



Updates

- GSA getting underway with a Strategic Planning Process
  - Looking ahead –moving from planning to implementation
  - Project Funding
  - Partnerships
  - Governance Structure

- Fee Updates Underway- Board decides
  - Regulatory fees for planning and operations

- Pursuit of Grants


FINAL
THOUGHTS