

# **Water Efficiency Budget Assistance Project – Approval of Sub-Agreement Amendment with Orange County Water District**

Agenda Item No. 4.A.

Ian Achimore | Senior Watershed Manager

PA 22 Committee | June 8, 2021

# Recommendation

Per the feedback of the Committee at their May 11, 2021, approve execution of a Sub-Agreement Amendment with Orange County Water District (OCWD) in order to contract with the Municipal Water District of Orange County (MWDOC) for approximately \$118,000 in funding to implement the SARCCUP Water Use Efficiency Budget Assistance Task in North Orange County.

# Project Purpose

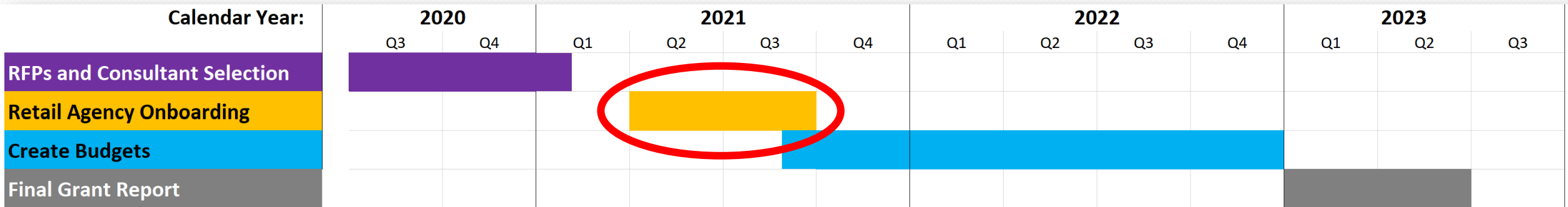
- Help **10** retail agencies comply with State regulations\* that require water agencies to adhere to agency-wide water use efficiency budgets,
  - Project specifically creates dedicated landscape meter water efficiency budgets through GIS and in-field consultant work.
- PA 22 Committee approved two retail water agency partners per SAWPA member agency.

## Dedicated Landscape Meter Customer Example



\* Senate Bill 606 and Assembly Bill 1668

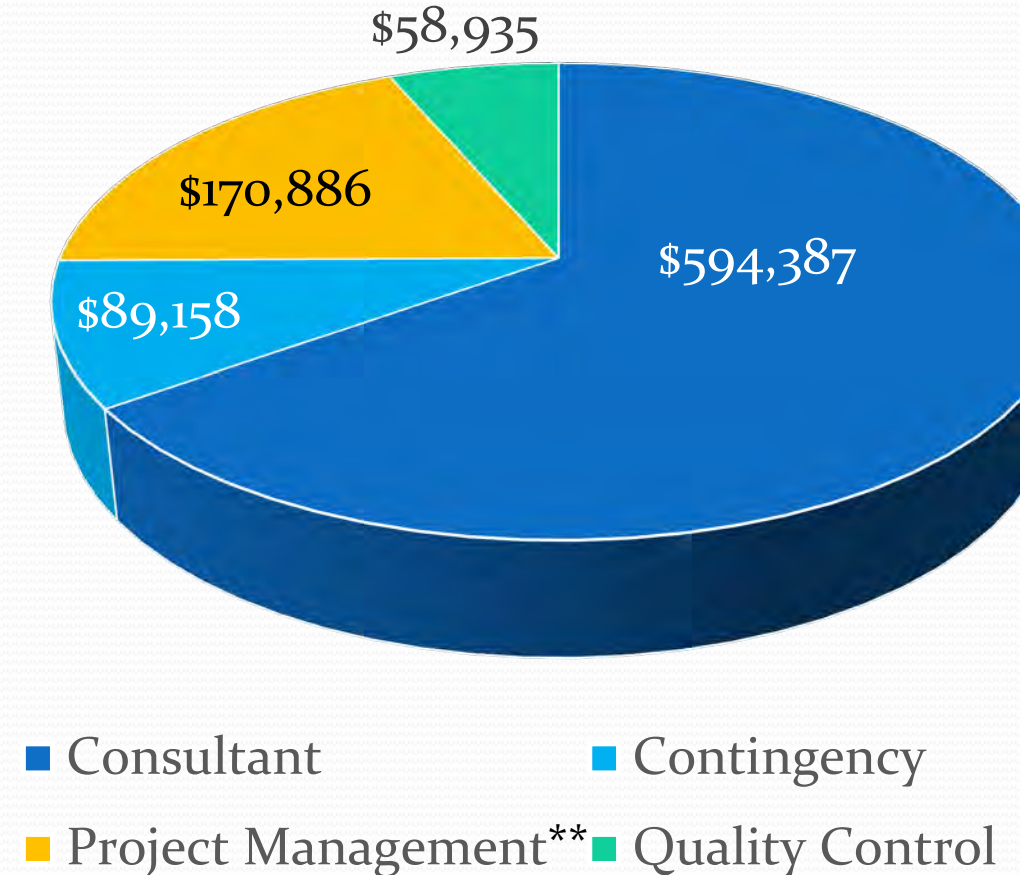
# Overall Project Schedule



**= Current phase**

# Estimated 3 Year Project Costs

- Consultant = NV5, Eagle Aerial and Waterfluence,\*
- Contingency = Consultant (15% of consultant contract),
- Project Management, Outreach and MOUs = SAWPA staff costs, and
- Quality Control = SAWPA GIS staff costs.



**Total Costs = Approximately \$913,000**

\*\$594,387 represents contract approved by PA 22 Committee.

\*\*Includes outreach and MOU execution with retailers.

# Interested Retailer List

<b>SAWPA Agency</b>	<b>Retailer</b>	<b>Interest Status</b>
EMWD	City of Hemet	Verbal After Workshop
EMWD	City of Perris	Verbal After Workshop
IEUA	Monte Vista Water District	Letter/Questionnaire
IEUA	City of Chino	Verbal After Workshop
IEUA	City of Chino Hills	Verbal After Workshop
IEUA	Cucamonga Valley Water District	Attended Initial Workshop
IEUA	City of Upland	Attended Initial Workshop
SBVMWD	City of Redlands	Attended Initial Workshop
SBVMWD	City of Loma Linda	Attended Initial Workshop
SBVMWD	Yucaipa Valley Water District	Attended Initial Workshop
SBVMWD	City of San Bernardino	Attended Initial Workshop
WMWD	City of Riverside	Letter of Interest
WMWD	Jurupa CSD	Letter of Interest

Note: Virtual workshops held to recruit retail agencies on May 3 and May 11. OCWD agencies not listed due to OC process discussed on next slide.

# Orange County Process for Project

- SAWPA has worked with MWDOC and the Committee on the modified approach for recruiting and managing retail water agency partners in North Orange County\*.
- Per the PA 22 Committee's feedback at their May 11, 2021 meeting, staff is recommending executing an agreement to transfer approximately 1/5<sup>th</sup> (i.e. \$118,000) of the existing contract amount of approximately \$594,000 between SAWPA and NV5.
- This agreement would be with OCWD, who already has a sub-grantee agreement with SAWPA for implementing the Arundo Donax Removal and Conjunctive Use tasks of SARCCUP.



# Provisions of SAWPA & OCWD Amendment

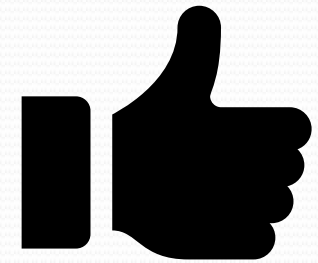
- The amendment recommended for approval would amend the sub-grantee agreement by:
  - Reiterate the Committee's intent that this amendment will allow OCWD to contract with MWDOC on implementation of this SARCCUP task,
  - Require the implementation of efficiency budgets for at least 284 customers, and
  - OCWD to contract with MWDOC for approximately \$118,000 in funding for this work.





# Benefits of Executing SAWPA & OCWD Amendment

- Streamlines Project implementation in OC as MWDOC is already working with NV5 consultant,
- Fixes perceived unfairness, as under current approach two OC retailers would receive consultant services fully funded and the other OC retailers would fully fund the consultant themselves via MWDOC\*,
- Reduces SAWPA's project management costs as less retailers are managed under the SAWPA-led effort, and
- SAWPA would be able to claim grant-funded benefits under the Department of Water Resources' grant.



\*MWDOC's process uses retail agency partnership funding to fund their consultant contract.

# Interested Agencies in Orange County

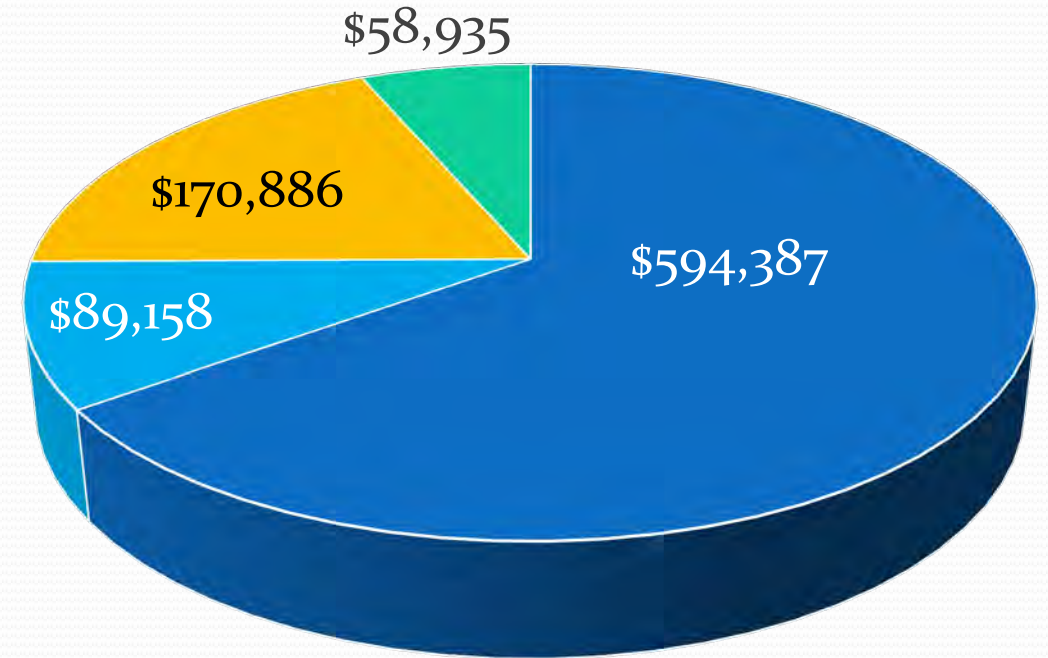
- Table reflects agencies who have expressed interest in the Project in OC and an estimated number of dedicated irrigation meter (DIM) customers that may need consultant services.
  - Note: This list is preliminary and subject to change as agencies refine their needs.
  - Agencies not currently included on this list are still welcome to participate.

★ = In Santa Ana River Watershed

Agency	Estimated Number of DIM Customers
City of Anaheim ★	528
City of Brea ★	156
City of Buena Park ★	177
El Toro Water District ★	176
City of Fountain Valley ★	90
City of Fullerton ★	259
City of Garden Grove ★	326
Golden State Water Company ★	225
City of La Habra ★	91
Laguna Beach County Water District	43
Mesa Water District ★	616
Moulton Niguel Water District	200
City of Newport Beach ★	704
City of Orange ★	73
City of San Clemente	247
City of Seal Beach ★	47
South Coast Water District	209
Trabuco Canyon Water District	28
City of Westminster ★	276
Yorba Linda Water District ★	232
<b>Estimated Total:</b>	<b>4,703</b>

# Effect on Budget

- SAWPA not recommending to decrease the SAWPA and NV5 contract by \$118k,
- The existing SAWPA-NV5 task order is defined as a not-to-exceed value and still provides the flexibility of increased support if upper watershed needs exceed early estimates.



- Consultant
- Contingency
- Project Management
- Quality Control

**Total Costs = Approximately \$913,000**

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# Prop 1 Enhanced Decision Support Tool Update

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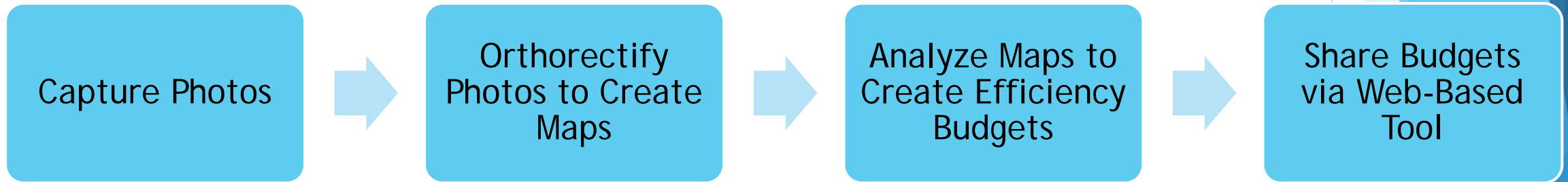
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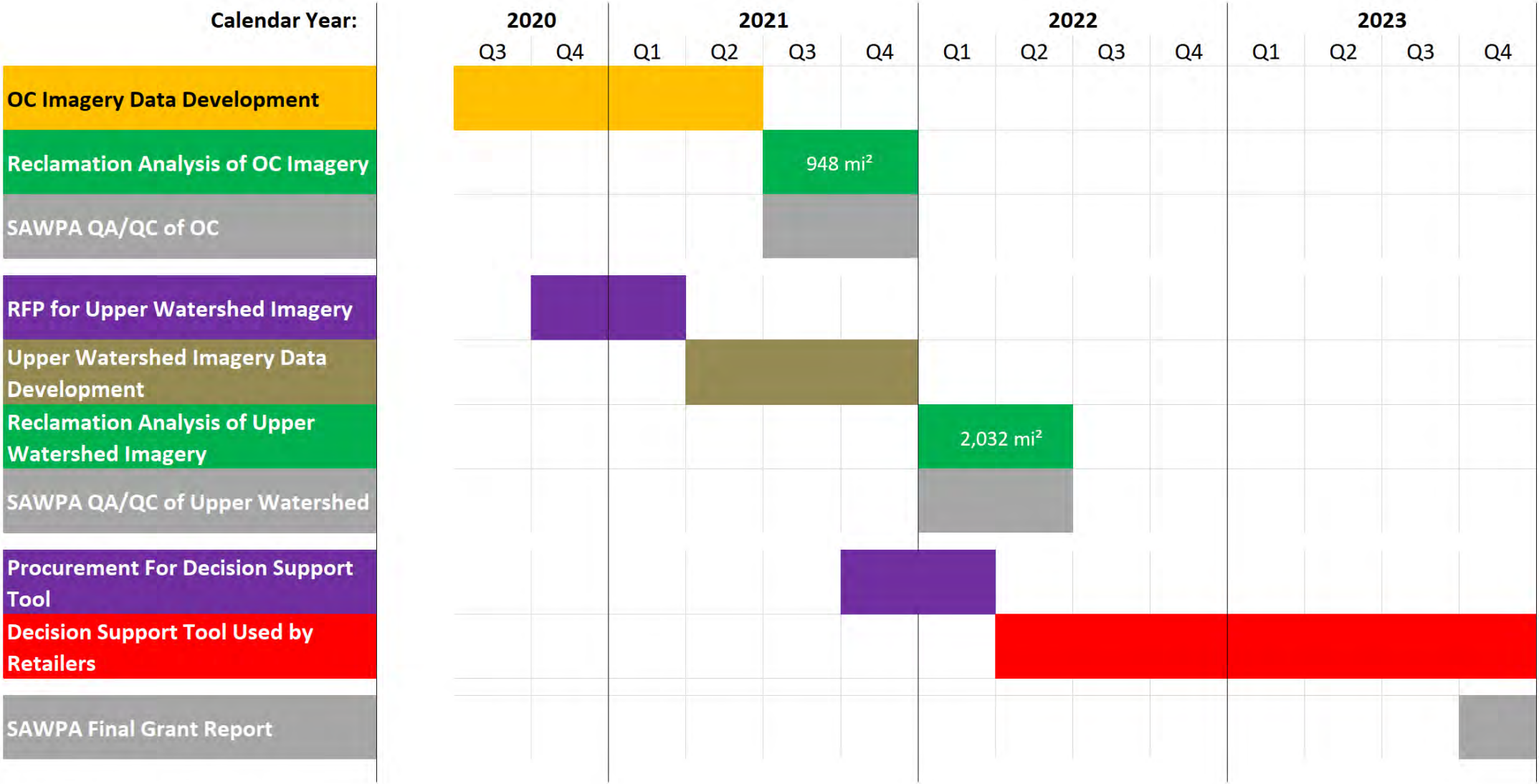
Proposition 1  
IRWM Grant



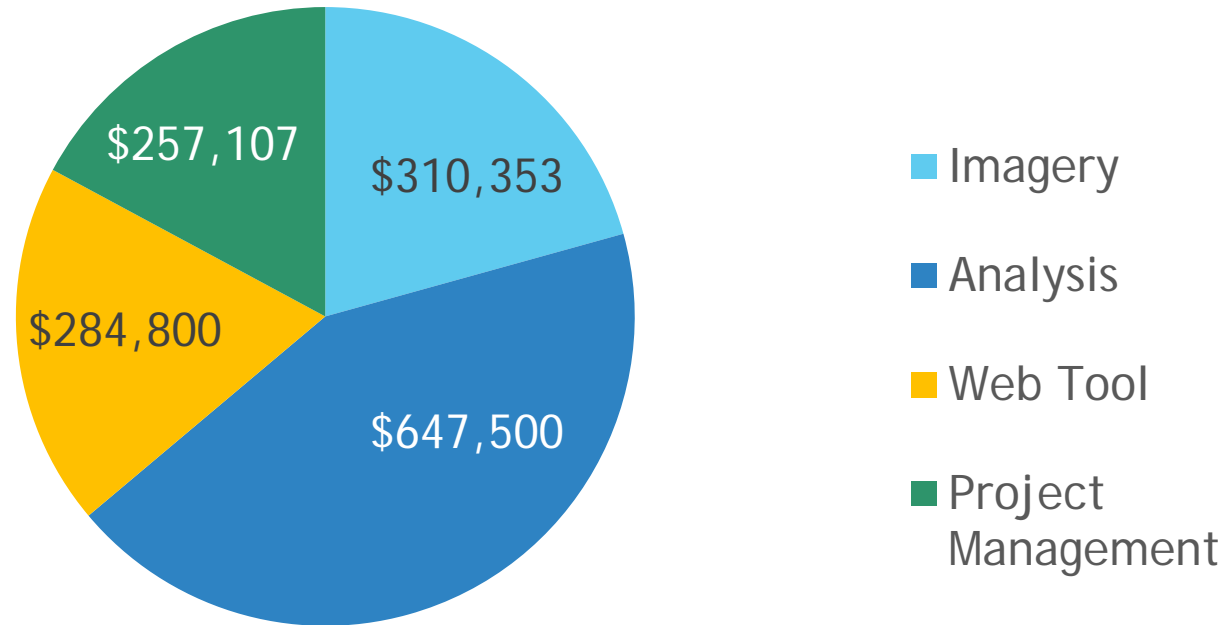
# Purpose of Project



# Project Schedule



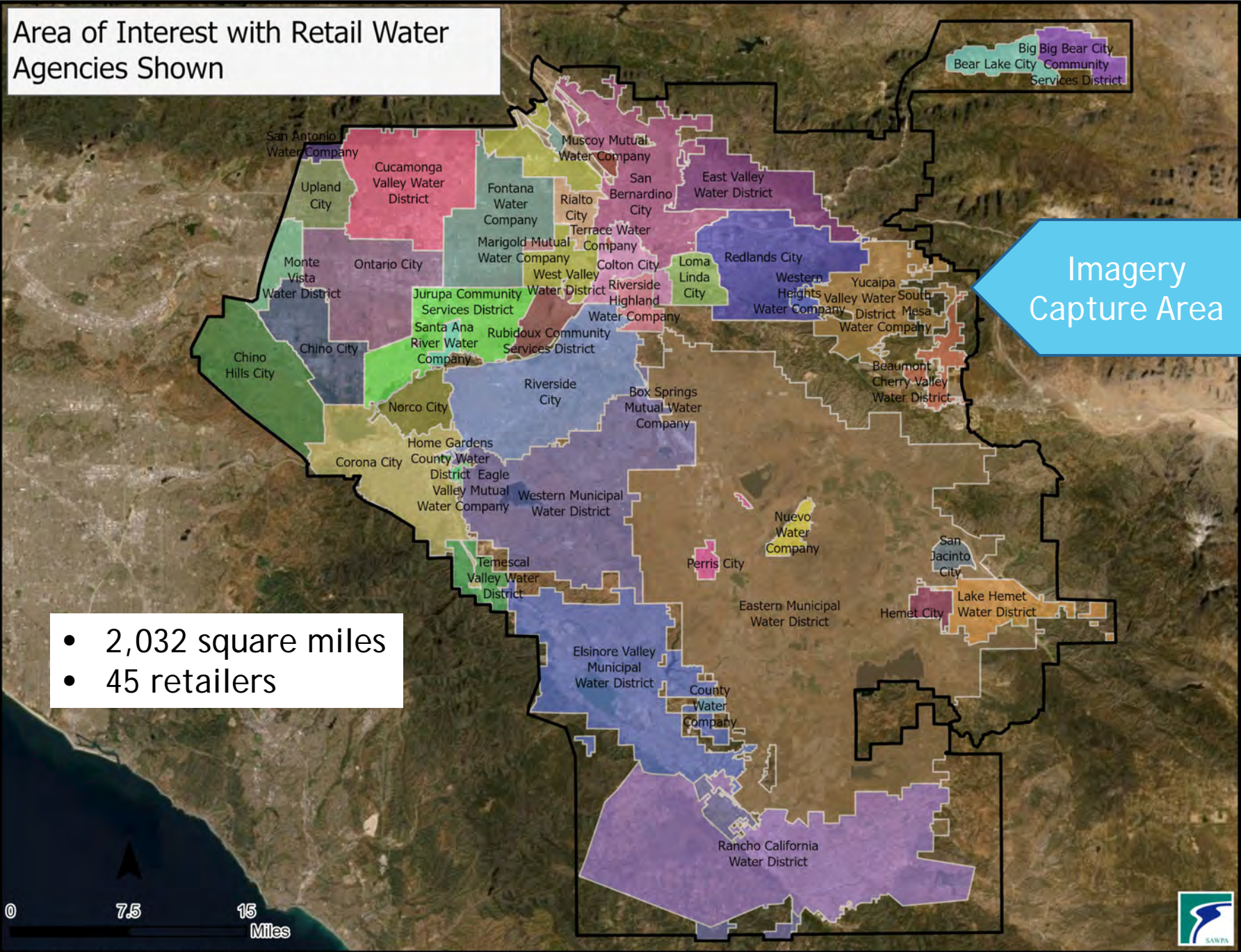
# Project Budget



**Total Cost = Approximately \$1.5 Million**



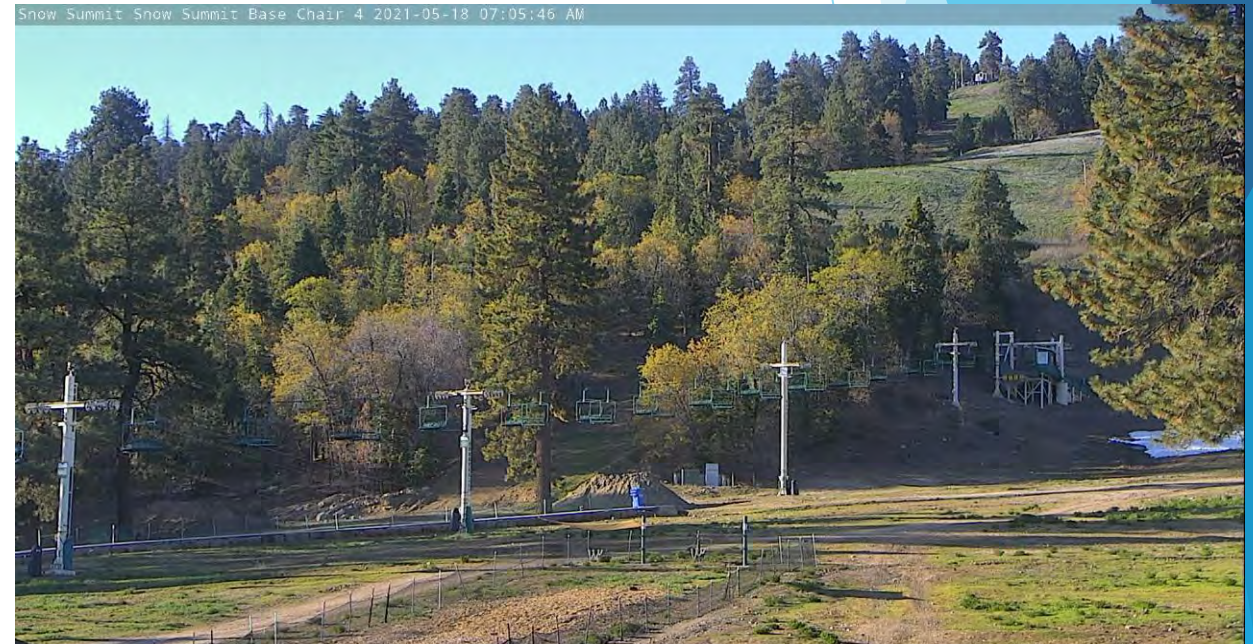
# Area of Interest (i.e. "AOI")





# Air Photo Update

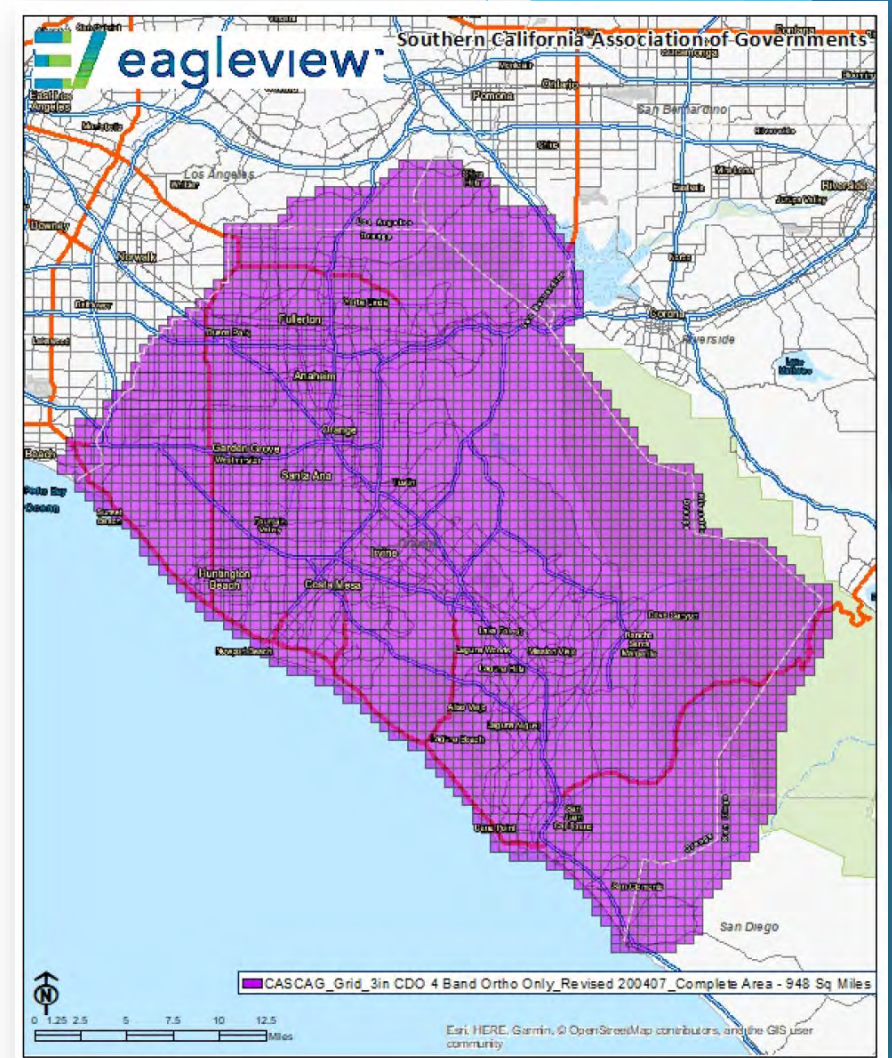
- ▶ Planes in the air late May 2021,
- ▶ Capture time should take 6 weeks if no weather delays, and
- ▶ Sub-contractor Aero-Graphics is creating the web-based portal so SAWPA member agencies can view initial imagery a couple days after it's captured.



Recent Santa Ana River Watershed monitoring photos from Aero-Graphics and Geophex

# Orange County Imagery Status

- ▶ 3-inch resolution imagery produced by Eagle View via contract with Southern California Association of Governments (SCAG),
- ▶ Final imagery files available for analysis by SAWPA and partner, Bureau of Reclamation, in July 2021, and
- ▶ Effort funded, in part, by OCWD and MWDOC.
  - ▶ Not funded by Proposition 1 or USBR partnership, but the 3-inch data is available to SAWPA to implement the Project.



# Landscape Analysis Update

- ▶ Monthly check-in meetings between Bureau of Reclamation and SAWPA staff,
- ▶ Finalizing server storage to use for maintaining large terabytes of upper watershed and Orange County imagery,
- ▶ Starting to craft model that will classify common outdoor landscape objects (such as trees, shrubs, grass), and
- ▶ Awaiting initial data from Orange County to begin landscape classification - will receive in June 2021.



# Web-Based Tool Update

- ▶ Will start to work with SAWPA member agencies to define specific scope and needs for web-based tool.
  - ▶ Scheduled for late 2021.
- ▶ Tool would be utilized by retail water agencies without in-house GIS.



# Questions

