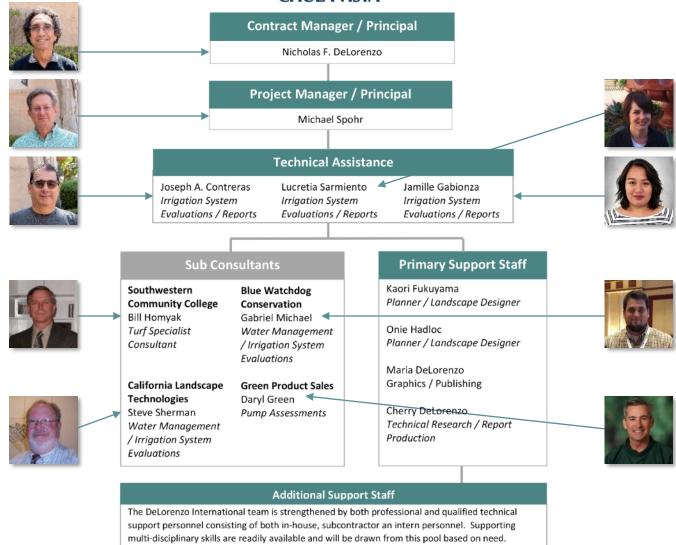




PROJECT TEAM









PROJECT EXAMPLES



San Diego County

- MCAS Miramar
- Replacement Naval Hospital Camp Pendleton
- Barona Resort and Casino
- San Diego Gas & Electric
- San Diego County Water Authority –
 WaterSmart Landscape Makeover
 Series (County-wide)

Orange County

Municipal Water District of Orange
 County – California Friendly
 Landscape Program

Monterey County

Monterey Bay Military Housing

Santa Clara County

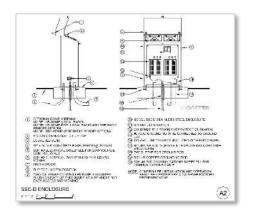
- Moffett Field
- Camp Parks
- El Rancho Verde



PROJECT EXAMPLE – MCAS Miramar



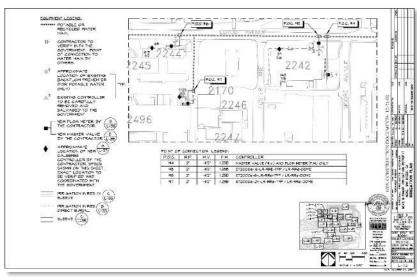
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MCAS Miramar Calsense Retrofit and Reclaimed Water Conversion Project

- San Diego, CA
- 82 Points of connection







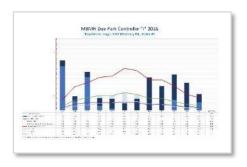
PROJECT EXAMPLES – Monterey Bay Military Housing

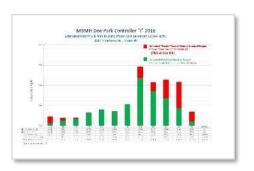


Monterey Bay Military Housing (MBMH) Water **Tracking**

- Monterey, CA



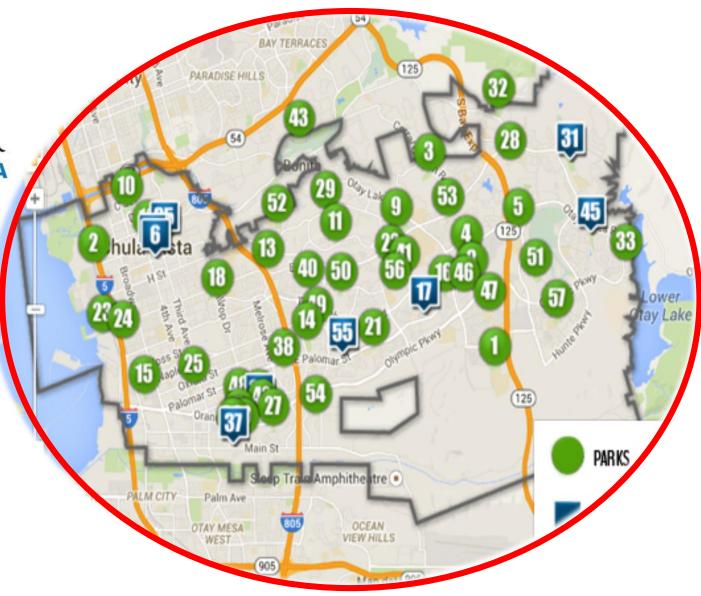








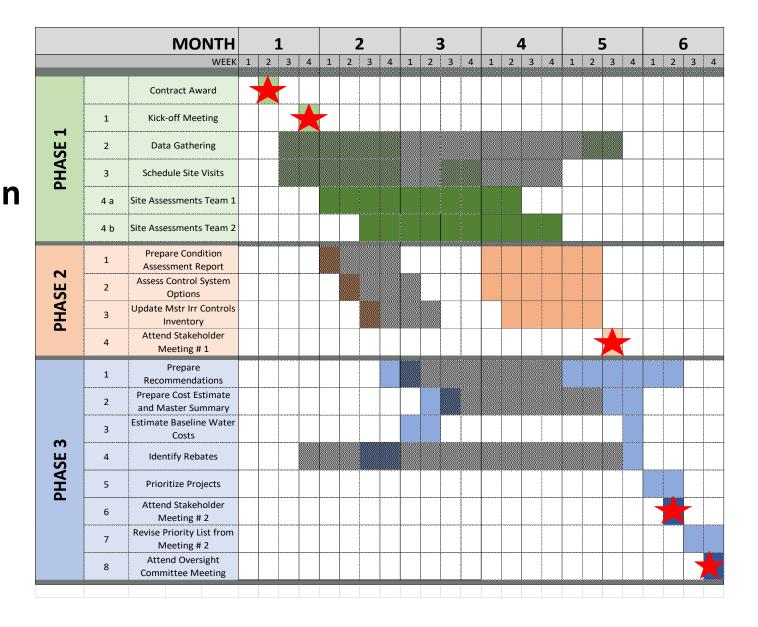
Valuation and Recommendation for controllers on City Parks, Fire Stations, Libraries and Median Strips



City of Chula Vista Parks and Recreation Map



Expedite schedule to complete In 6 months to take advantage of rebates





APPROACH AND METHODOLOGY

Phase I

- 1. Site Assessments:
 - 1 or 2 teams of 1 irrigation assessment specialist, 1 assessment recorder and a knowledgeable city maintenance staff member (certified recycled water site supervisor).

Phase 2

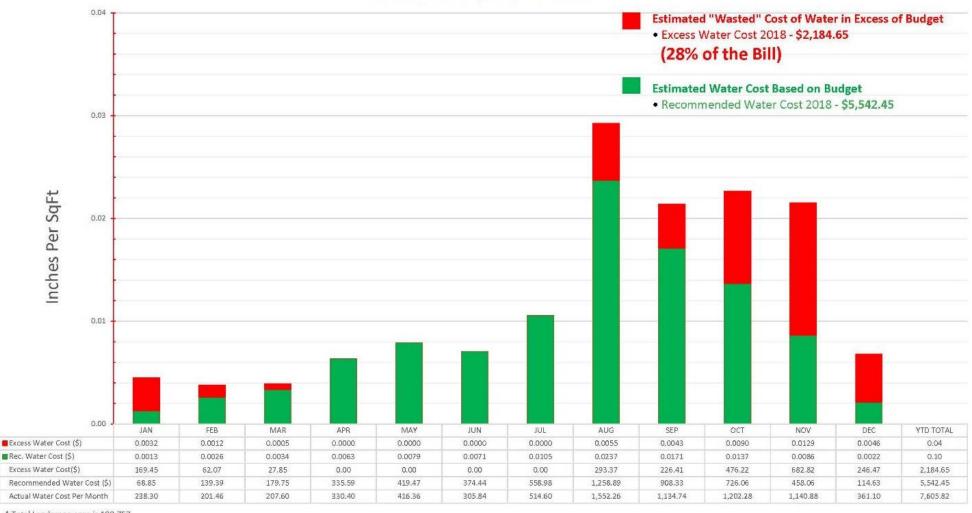
- 1. Prepare condition assessment report.
- 2. Assess control system options and recommendations.
- 3. Update Master Irrigation Controls Inventory.
- 4. Attend Stakeholder Meeting # 1.

APPROACH AND METHODOLOGY

Phase 3

- 1. Prepare biddable specifications for repair, renovation, retrofit and/or installation of controllers, master-valves, flow meters & pumps.
- 2. Prepare cost estimates and master summary.
- 3. Estimate baseline water costs, future water use and potential water savings, if any. (How is this affected by water budgeting?)
- 4. Identify rebates.
- 5. Prioritize projects.
- 6. Attend Stakeholder Meeting # 2.
- 7. Revise priority list per direction from Stakeholder Meeting # 2.
- 8. Attend Oversight Committee Meeting.

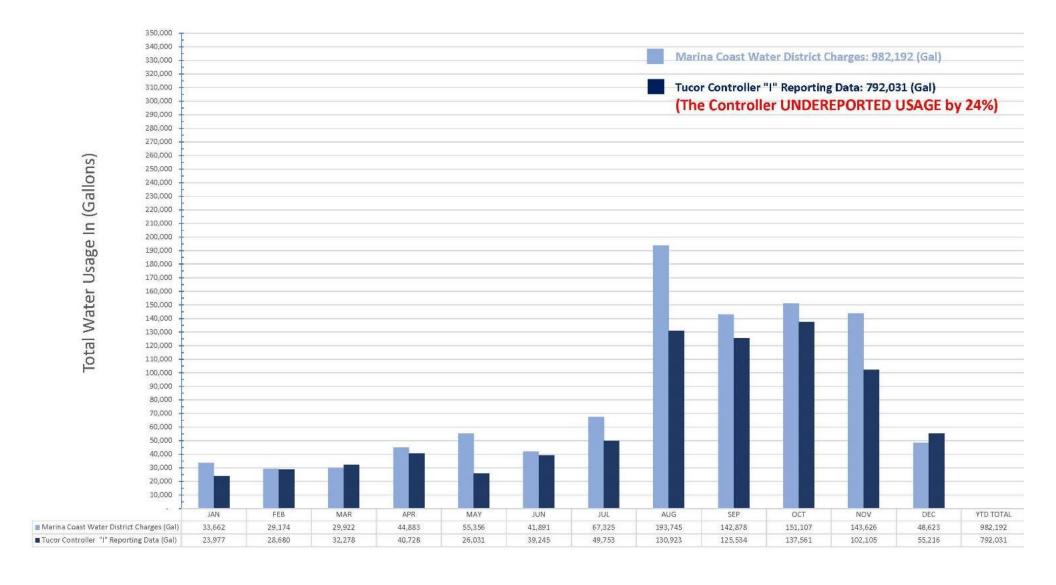
ESTIMATED BASELINE WATER COSTS



^{*} Total Landscape area is 190,757



Water Meter vs. Smart Controller Comparison



PRIORITIZE PROJECTS

- 1. Identify locations where **maximum water savings** can be achieved.
 - Facilities where <u>no</u> smart controller currently installed.
 - Facilities where smart controller require <u>upgrading</u>.

(May not all be the same manufacturer)

- 2. Identify locations where smart controller currently working and connected.
 - No need to expend \$\$ on these (only failed assets).
- 3. Identify remaining locations where <u>upgrading and/or repair will</u> <u>result in additional savings and/or conservation</u>.