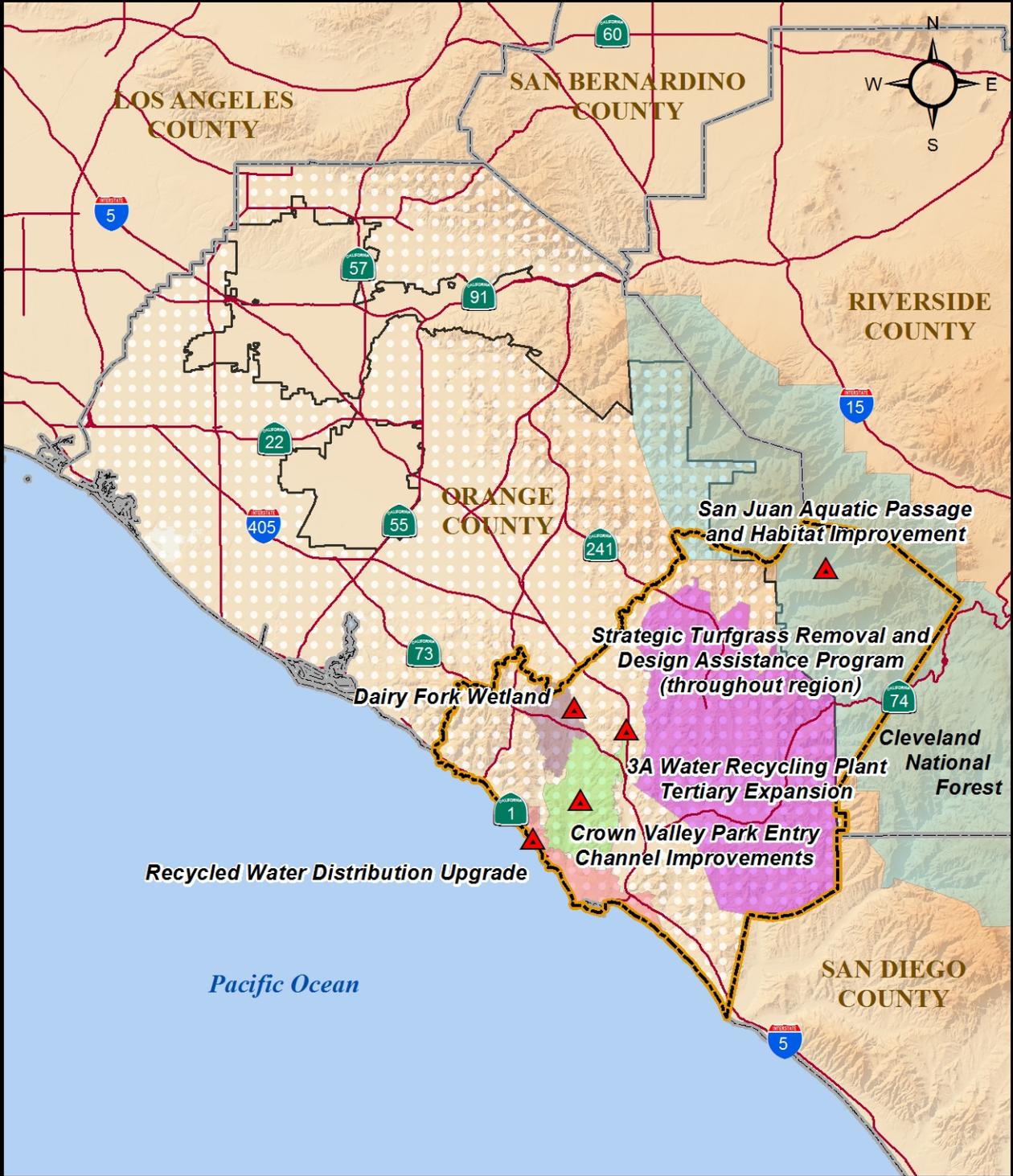


SOUTH ORANGE COUNTY WMA 2015 IRWM IMPLEMENTATION GRANT PROPOSAL**ATTACHMENT 1****AUTHORIZATION AND ELIGIBILITY REQUIREMENTS****CASGEM Compliance**

- The service area boundaries for all Project proponents are shown on the attached maps.
- One GIS shape file that includes the service area boundaries of each Project proponent and the service area boundaries for each Project is attached as Att1_2015IRWM_Eligible_10of10.
- Name of each basin that each Project overlies:
The South Orange County Watershed Management Agency (WMA) includes the San Juan Valley Groundwater Basin and a small portion of the San Mateo Valley Groundwater Basin. The Municipal Water District of Orange County's Strategic Turfgrass Removal & Design Assistance Program will be implemented throughout the South Orange County WMA and, therefore, may be considered to "overlie" the San Juan Valley Groundwater Basin. However, this Project includes turf removal and replacement with California-friendly native plant species, which does not have a direct impact on groundwater. The other proposed Projects do not overlie a groundwater basin, as shown on the attached maps.
- State the basin priority as determined by the CASGEM Program:
San Juan Valley: Priority – low
San Mateo Valley: Priority – very low



South Orange County
Integrated Regional Watershed
Management Program

CASGEM Jurisdiction Map



-  Project Locations
-  South OC WMA
-  City of Aliso Viejo
-  City of Laguna Niguel
-  USDA Forest Service
-  Santa Margarita Water District
-  South Coast Water District
-  Municipal Water District of Orange County*
-  *Strategic Turfgrass Removal and Design Assistance Program: Project encompasses entire South OC WMA



South Orange County
Integrated Regional Watershed
Management Program

CASGEM Map Dairy Fork Wetland



 Project Footprint

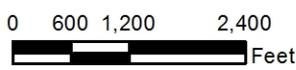


Dam Removal and Habitat Restoration Locations



South Orange County
Integrated Regional Watershed
Management Program

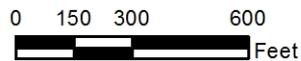
CASGEM Map San Juan Aquatic Passage and Habitat Improvement





South Orange County
Integrated Regional Watershed
Management Program

CASGEM Map Crown Valley Park Entry Channel Improvements





ORANGE COUNTY

RIVERSIDE COUNTY

SAN DIEGO COUNTY



South Orange County
Integrated Regional Watershed
Management Program

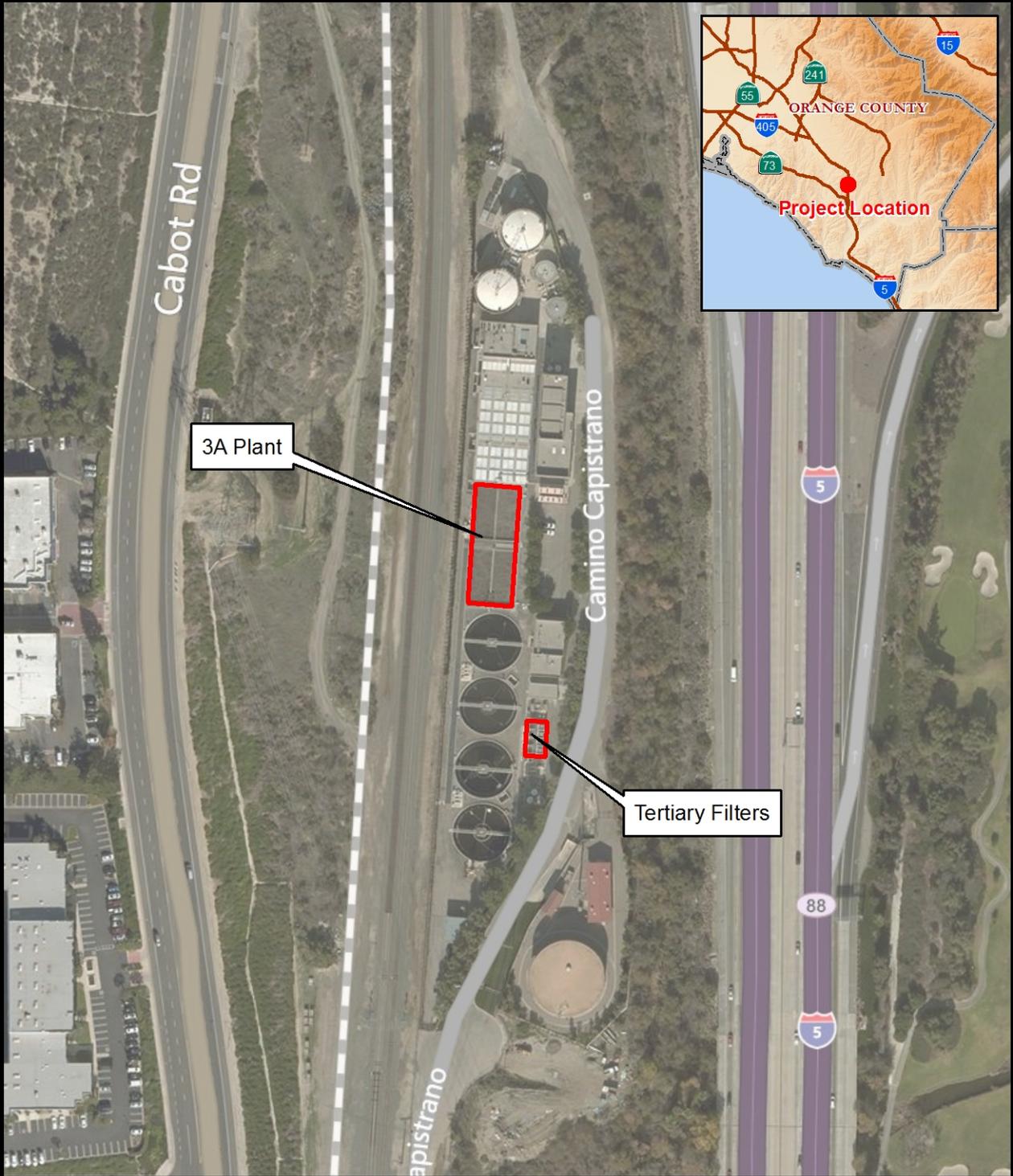
CASGEM Map

Strategic Turfgrass Removal & Design Assistance Program



 Project Footprint

*Project located throughout South OC WMA



3A Plant

Tertiary Filters



South Orange County
Integrated Regional Watershed
Management Program

CASGEM Map 3A Water Recycling Plant Tertiary Expansion





Pump Station, New Valve,
Connect to Existing
Recycled Water Pipeline

Connect to Existing
Recycled Water Pipeline



South Orange County
Integrated Regional Watershed
Management Program

CASGEM Map Recycled Water Distribution Upgrade

