

Cambria Community Services District's Emergency Water Supply Project - Advanced Water Treatment System

**1-year Project Update for the
Central Coast Water Board**



Cambria



Relative Locations

Advanced Water Treatment

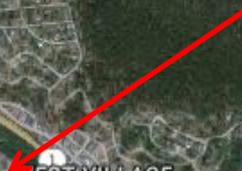


Hearst San Simeon State Park

Hearst San Simeon State Park

Cambria State Marine Conservation Area

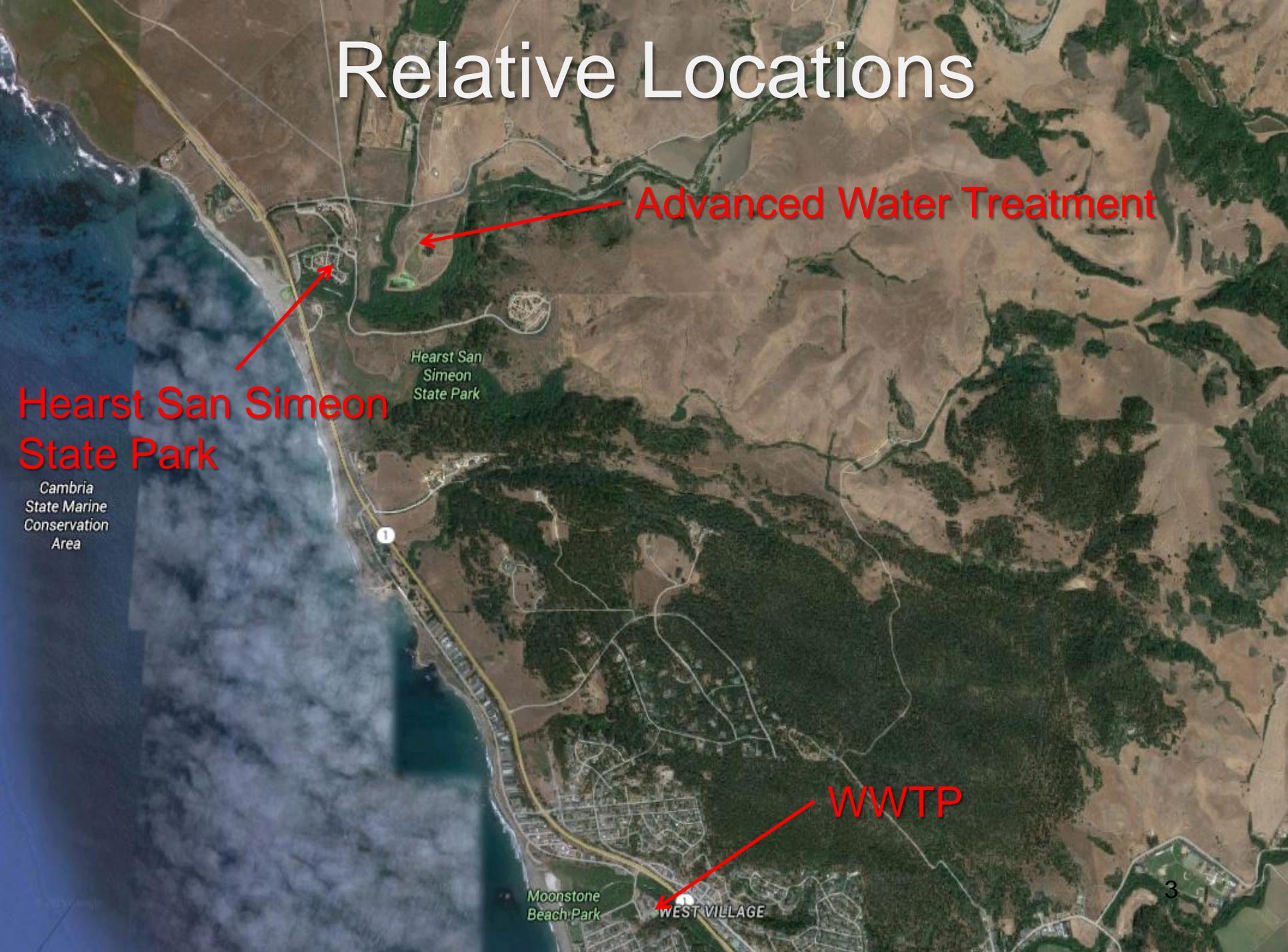
WWTP



Moonstone Beach Park

WEST VILLAGE

3



Project Summary

CCSD began initial operations of the
Emergency Water Supply project in
January 2015

Advanced Treatment System

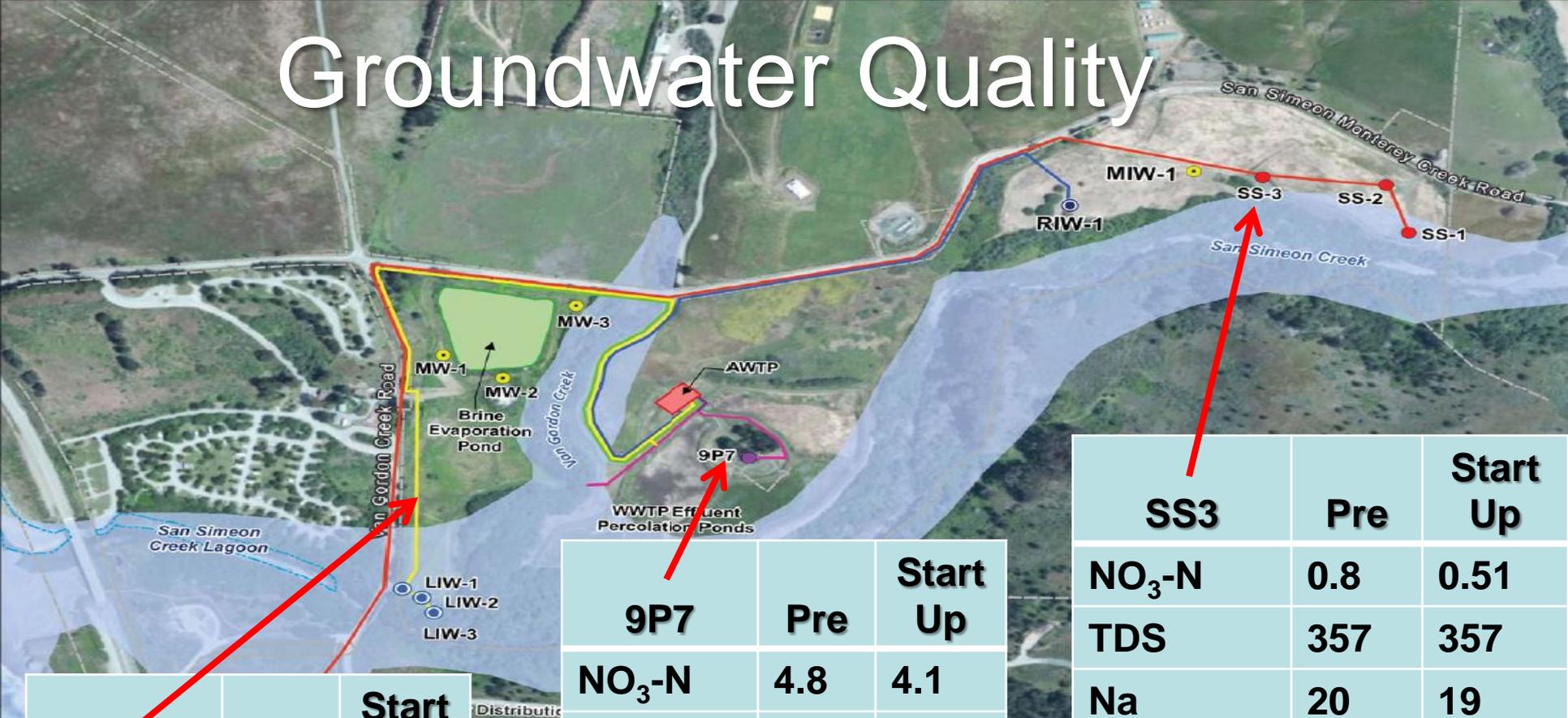
A photograph of an advanced groundwater treatment system. The facility consists of several large, light-colored metal storage tanks and processing units arranged in a row. The tanks are connected by a network of pipes and valves. The entire system is situated in an open, grassy field with a clear blue sky in the background. A dirt road or path leads towards the facility from the foreground.

Designed to treat impaired groundwater to Title 22 Standards and re-inject treated water into San Simeon well field aquifer

Advanced Treatment Systems



Groundwater Quality



16D1	Pre	Start Up
NO ₃ -N	12.1	13
TDS	769	790
Na	123	91
Chloride	170	148
Sulfate	85	92
Boron	0.3	0.33

9P7	Pre	Start Up
NO ₃ -N	4.8	4.1
TDS	501	410
Na	54	49
Chloride	72	54
Sulfate	56	48
Boron	0.2	0.23

SS3	Pre	Start Up
NO ₃ -N	0.8	0.51
TDS	357	357
Na	20	19
Chloride	21	19
Sulfate	43	45
Boron	0.2	0.19

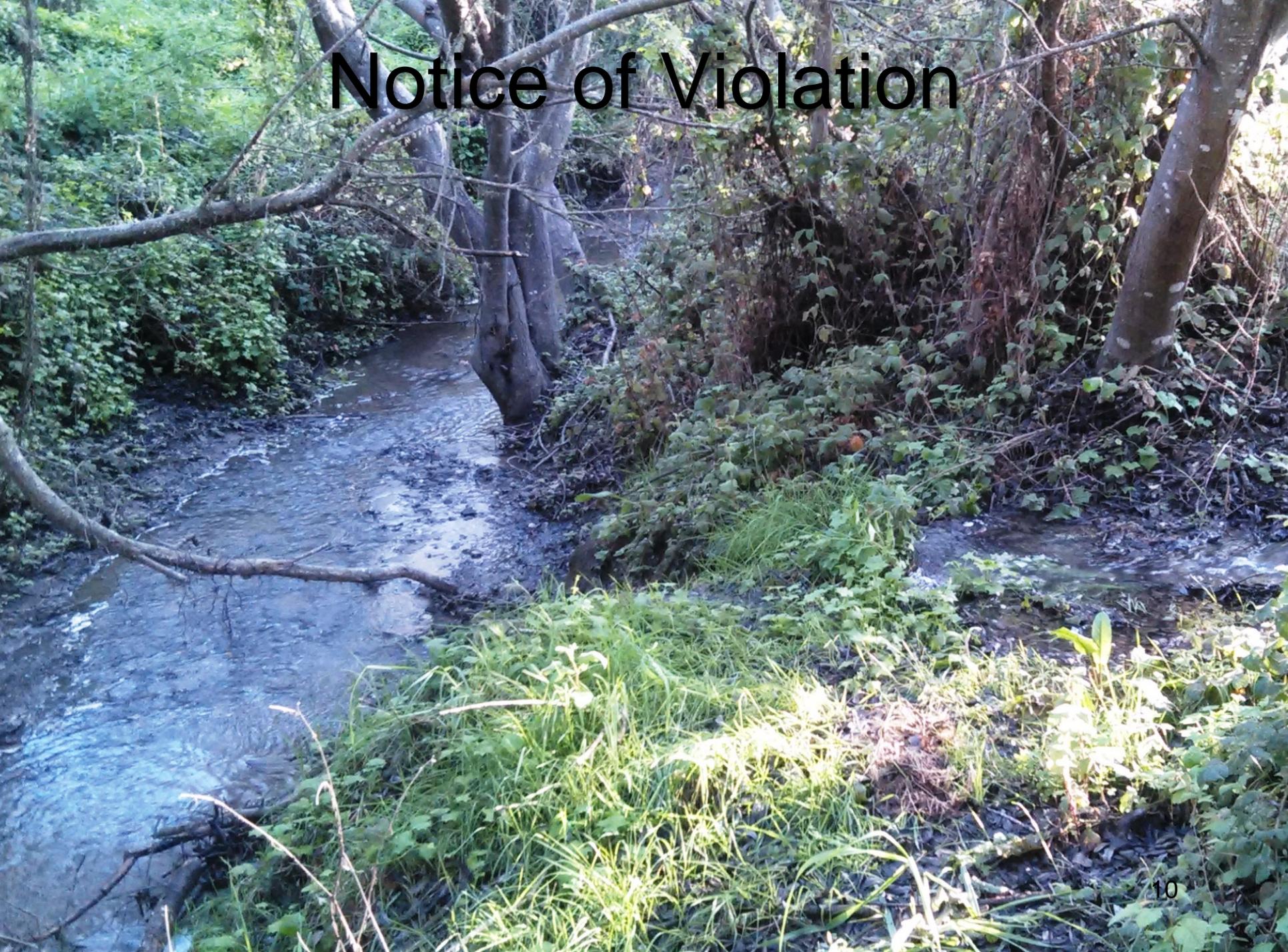
NPDES Lagoon Discharges



Title 27 Brine Pond



Notice of Violation





El Colibri Hotel & Spa

Moonstone Beach Dr

Old Cambria Market

Main St

Main St Main St

Cabrillo Hwy

Windsor Blvd

Santa Rosa Creek Trail

Windsor Blvd

Heath Ln

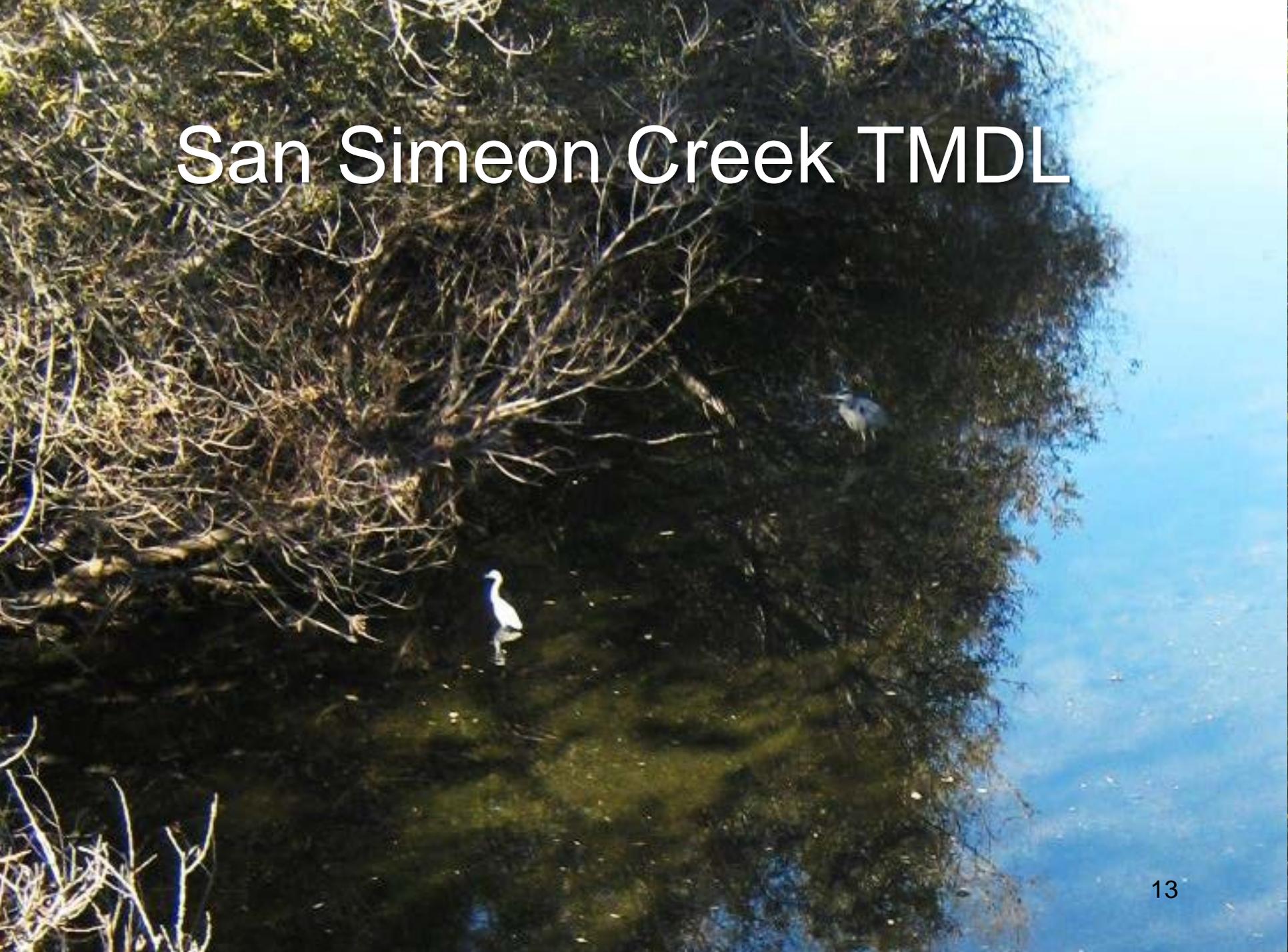
Harvey's Honey Huts

Plymouth St

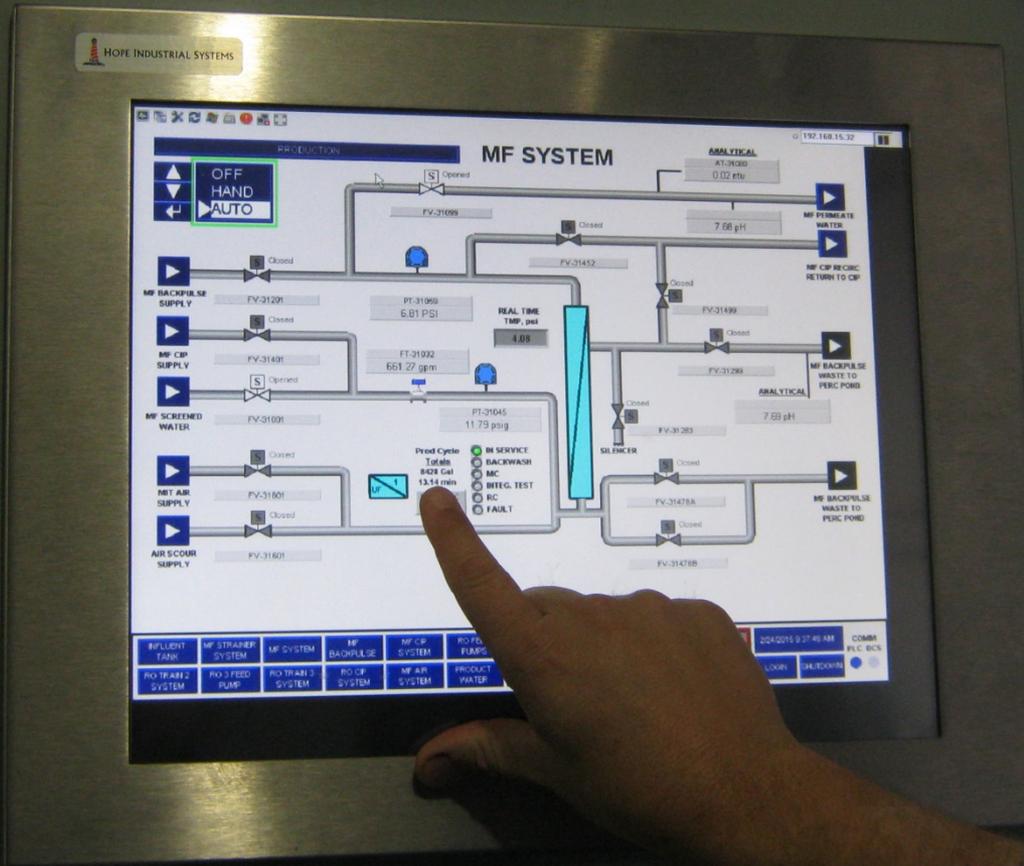
Wastewater Treatment Plant



San Simeon Creek TMDL



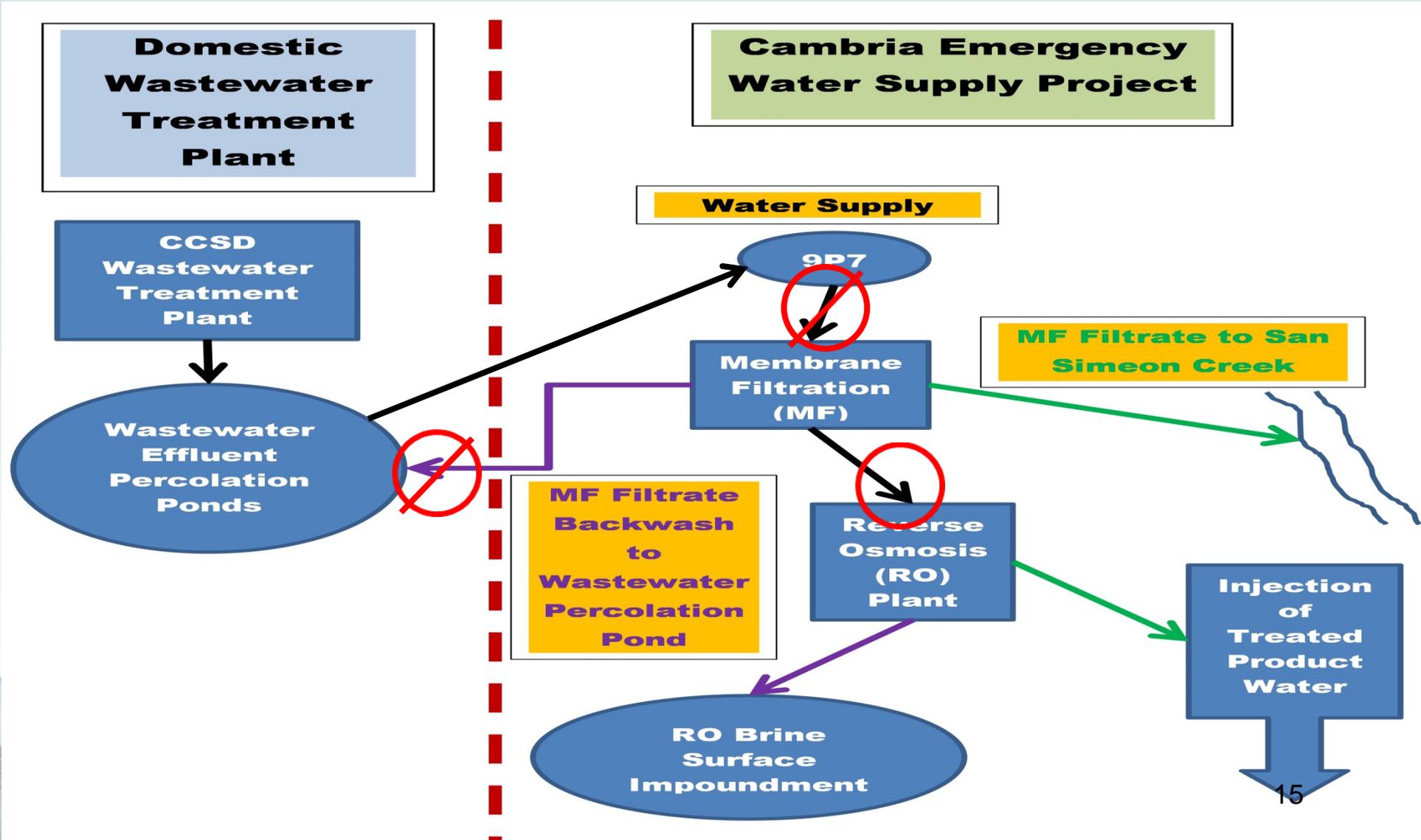
Revision of R3-2014-0050 Monitoring and Reporting Program



AIT - 30209
UF FEED WATER
TURBIDITY TRANSMITTER

AI - 30290
UF FEED
pH TRANSMITTER

Process Flow Diagram



Questions?

Title 22 - Jon Rokke (805) 549-3892

Jon.rokke@waterboards.ca.gov

Title 27 - Ryan Lodge (805) 549-3506

Ryan.lodge@waterboards.ca.gov

NPDES - Katie DiSimone (805) 542-4638

Katie.disimone@waterboards.ca.gov