

The “Orange County Bucket List”

In 2007, the movie “The Bucket List,” premiered in theaters nationwide. This light-hearted approach to compiling a list of the things to do before you die was humorous and poignant. The intent was to inspire people. Make a list of the top 100 things you have yet to do, and systematically attempt each one.

The Family of Orange County Water Agencies has a slightly different take. We have compiled a list of water projects to improve the region. These are all innovative solutions to improving local and regional water reliability. The “Orange County Bucket List” is a partial list of projects that water agencies have developed before the well runs dry. These projects would improve the overall efficiency, reliability and management of this precious resource. The list is meant to inspire Orange County leaders, businesses and residents as to what is possible.

Infrastructure Replacement

- Calle Real Pump Station Rehabilitation – \$1.3 million
- Fletcher Basin Rehabilitation - \$TBD
- Mardick Road Water Main Replacement – \$750,000
- Pipeline Renewal – \$1.1 million
- Pipeline Replacement – \$3.3 million
- Placentia & Raymond Basin Improvements - \$7.5 million
- Recharge Basin Rehabilitation Project - \$TBD
- Santiago Basins Pump Station Rehabilitation – \$2.28 million
- Sewer Rehabilitation – \$500,000
- Simon Ranch Road Water Main Replacement – \$750,000
- Tustin Avenue / 17th Street Water Main Replacement – \$750,000
- Water Main Replacement – \$2 million



Recharge Basin Rehabilitation

New Supply

- Groundwater Replenishment System (Phase 1) – \$481 million
- SCWD Groundwater Desalter – \$12 million
- South Orange Coastal Ocean Desalination Project:
 - Pilot Plant (Dana Point) – \$4.8 million
- Construction of Well 27 – \$2 million
- Del Amo Well – \$5 million
- Enhanced Water Conservation at Prado Dam – \$5.5 million
- Groundwater Replenishment System Expansion (Phase 2) – \$114.5 million
- Mesa Colored Water Treatment Plant – \$20 million
- Mesa Colored Water Treatment Plant Expansion – \$15 million
- Poseidon Ocean Water Desalination Project (Huntington Beach) – \$350 million
- San Juan Groundwater Recovery Plant – \$32 million
- South Orange Coastal Ocean Desalination Project:
 - Full-Scale Plant (Dana Point) – \$175 million
- Tustin Avenue Well – \$5 million



Ocean Water Desalination

Water Recycling

- Groundwater Recycling Project Expansion – \$6 million
- Ortega Recycled Water Reservoir and Pipeline – \$35 million
- Reclamation System Expansion – \$14 million
- San Juan Recycled Water System – \$12 million

Storage

- R-6 Reservoir - \$10 million
- San Joaquin Reservoir – \$17 million
- Hidden Hills Reservoir – \$9 million
- John Lyttle Reservoir – \$530,000
- Orange County Reservoir - \$5 million
- Rawlings Reservoir – \$16.5 million
- Reservoir Expansion – \$3.5 million
- Simon Ranch Reservoir – \$7.5 million
- Syphon Reservoir Recycled Water Project - \$60 million
- Upper Chiquita Reservoir – \$40 million
- Well Redevelopment/Pumping/Storage - \$775,000



Reservoir Construction

System Improvement

- Alamitos Barrier Improvement Project - \$20 million
- Baker Water Treatment Plant – \$54 million
- Burris and Lincoln Basin Reconfiguration – \$8 million
- Canon Pump Station – \$1.5 million
- Chiquita Reclamation Expansion – \$25.2 million
- Diemer Oxidation Retrofit Program – \$220 million
- Fire Flow and Capacity Improvements – \$10 million
- Five Coves and Lincoln Basins Bypass Pipeline - \$3.5 million
- Gobernadora Multipurpose Basin – \$10 million
- Groundwater Replenishment System Flow Equalization – \$28 million
- Interconnection to IRWD System – \$10 million
- Los Mares and Presidente Turnouts – \$780,000
- Mid-Basin Injection Pilot Facilities Project – \$4 million
- Mid-Basin Injection Project - \$22.2 million
- Miraloma Recharge Basin \$6.44 million
- North Basin Groundwater Protection Project - \$42 million
- Prado Basin Sediment Management Demonstration Project – \$4 million
- Prado Basin Sediment Management Project - \$TBD
- Recharge Water Sediment Removal Project - \$TBD
- Santiago Basins Intertie – \$1 million
- Santiago Creek Enhanced Recharge - \$840,000
- Serrano Pump Station – \$500,000
- Solar Electricity Generation Project – \$7 million
- South Basin Groundwater Protection Project - \$779,500
- Subsurface Recharge Demonstration Project - \$TBD
- Sunset Gap Seawater Intrusion Investigation - \$TBD
- Well Redevelopment/Pumping/Storage - \$775,000



Water Treatment Facility Development

TOTAL = \$1,959,349,500+