



Reversing the Water Resources

Diaspora:

Bringing all water under one roof.



Adam Hutchinson, P.G., CH.G.
Recharge Planning Manager
Orange County Water District

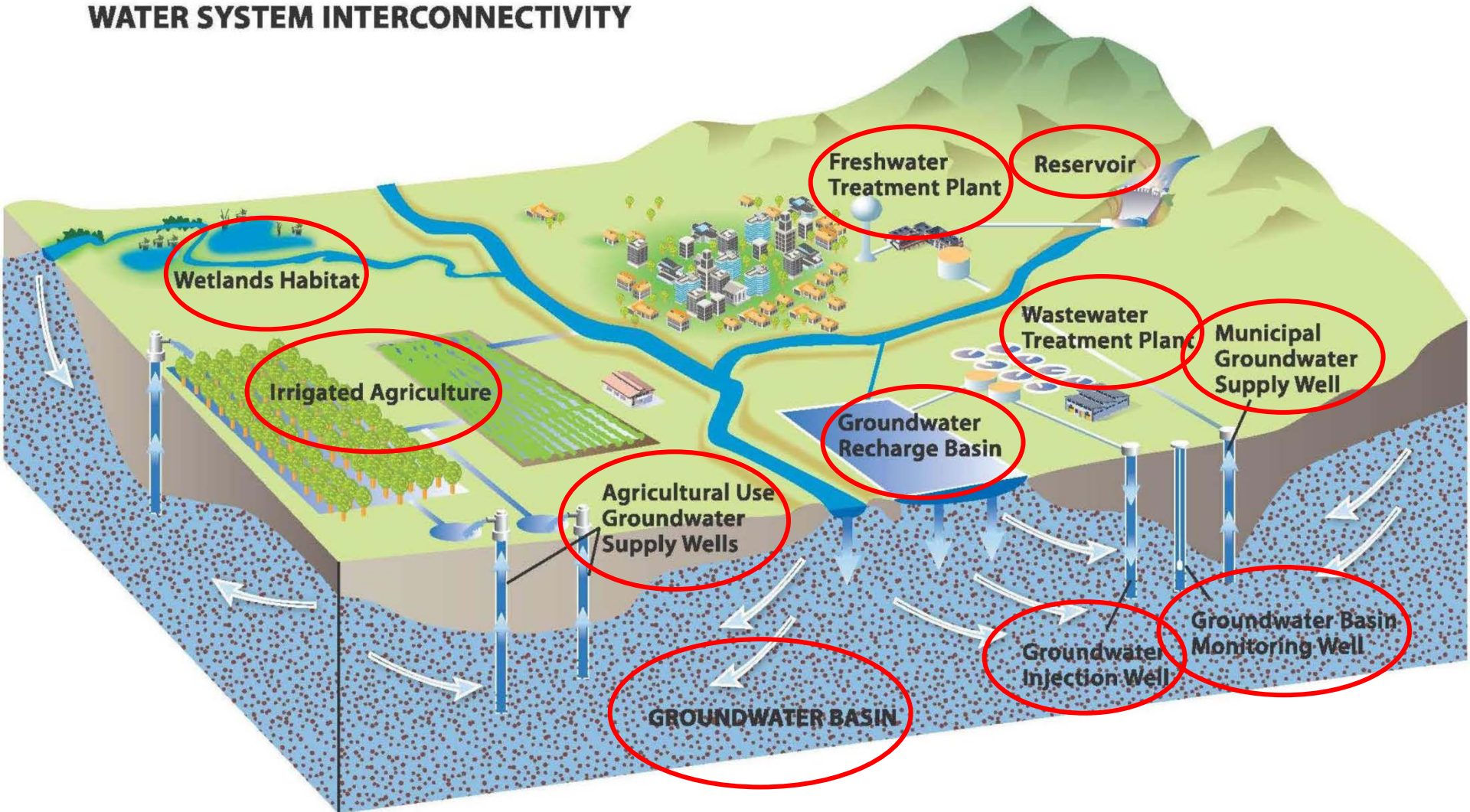
Integrated Regional Water Management 2.0: The Next Generation

San Diego, CA

May 21, 2015

Water is connected but our governance and management is fragmented.

WATER SYSTEM INTERCONNECTIVITY



The Orange County Water District was formed by the State in 1933 to protect and manage Orange County's groundwater supplies.



First Board of Directors

Why?

- Declining flow of Santa Ana River
- Basin overdraft
- Seawater intrusion
- Attempts by LA County to obtain water rights in Orange County

OCWD covers 370 square miles of the Orange County groundwater basin.

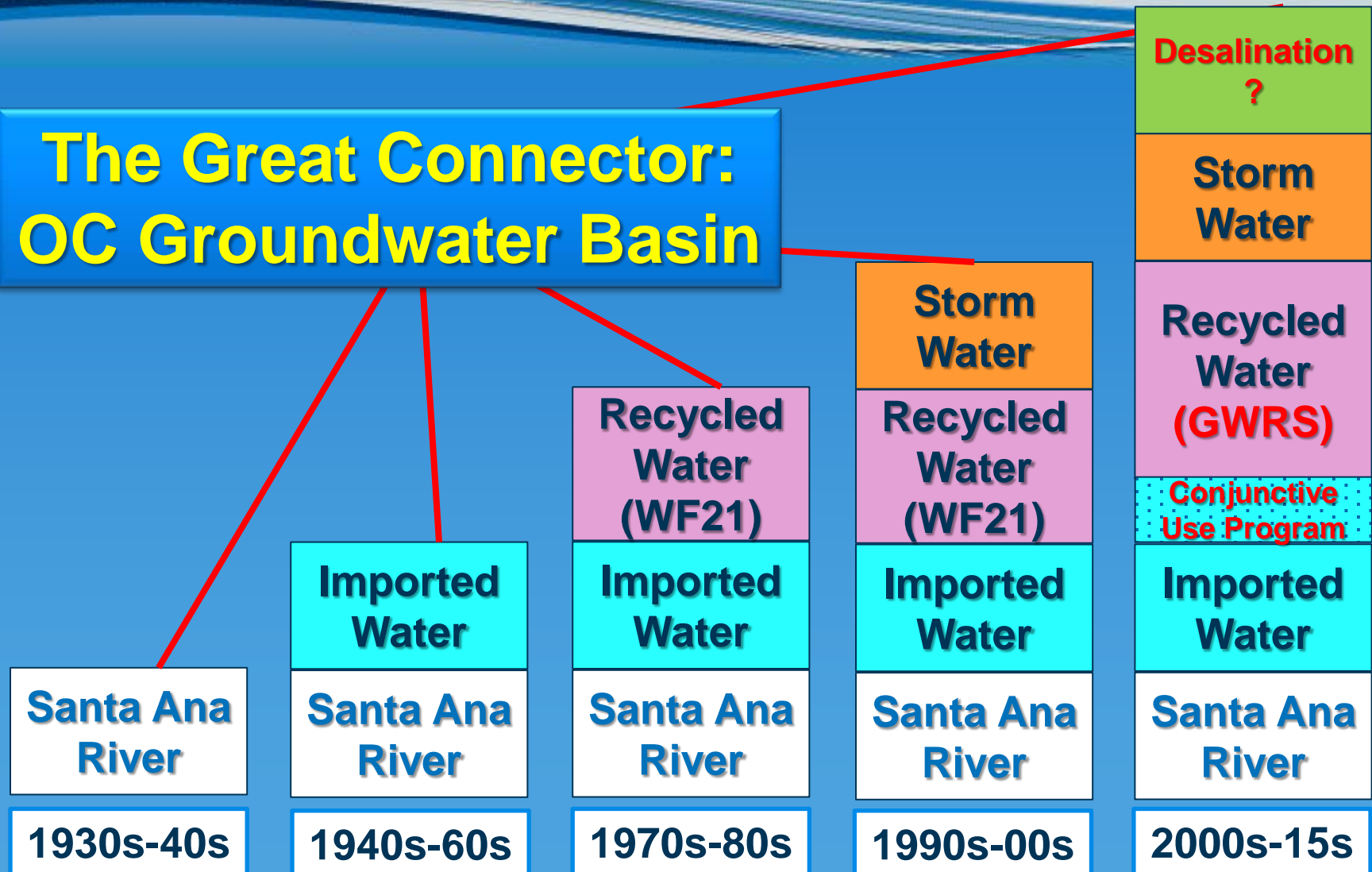


Orange County groundwater basin provides water for over 2.4 million people

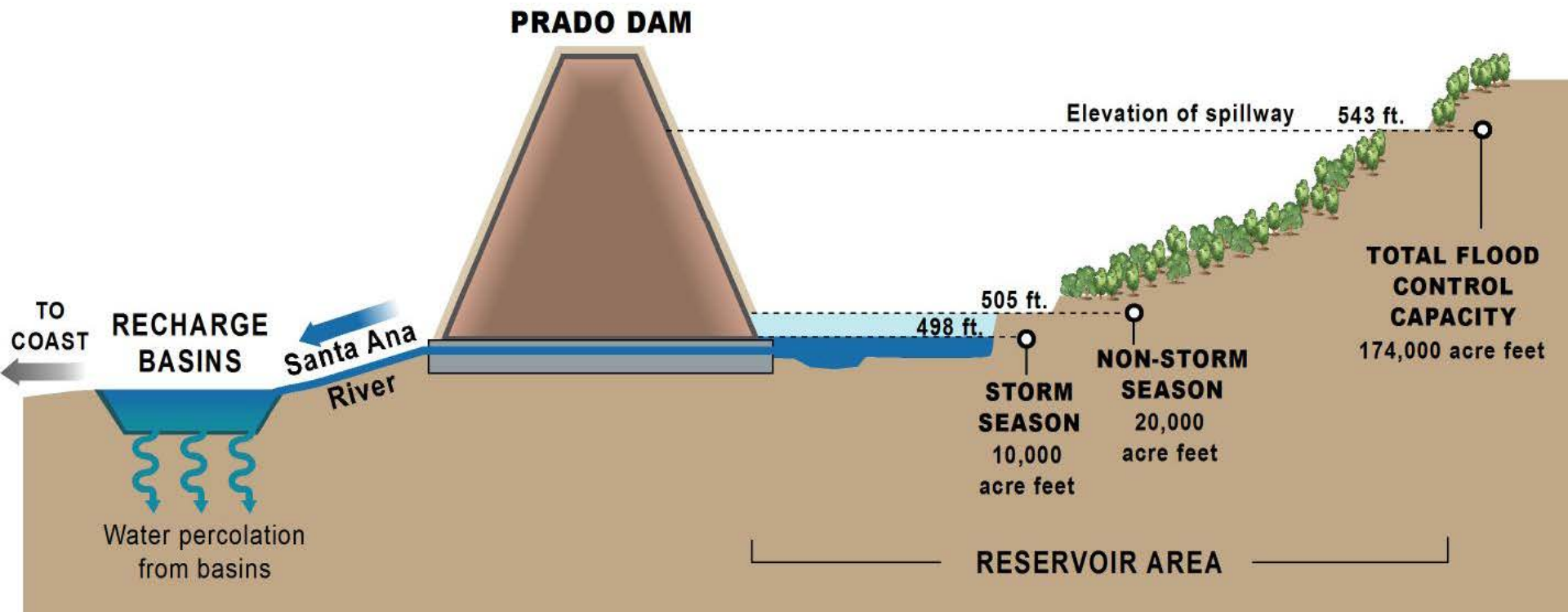
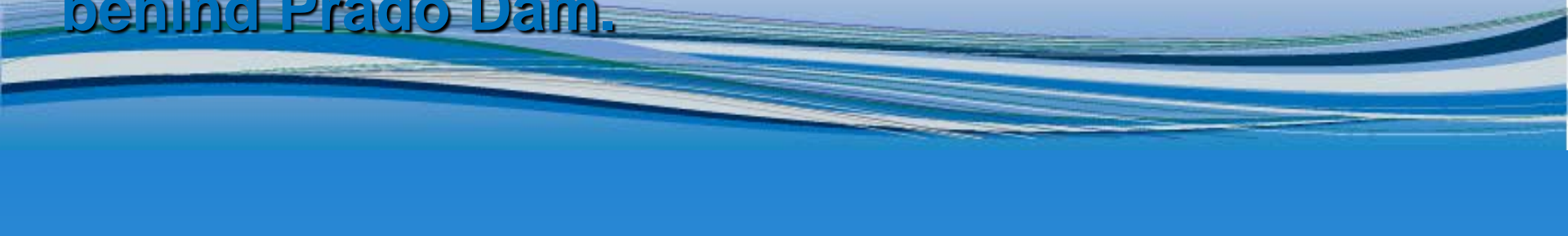
Semi-arid region: 14 inches/year

For the last 80 years, OCWD has been gathering water together.

The Great Connector: OC Groundwater Basin

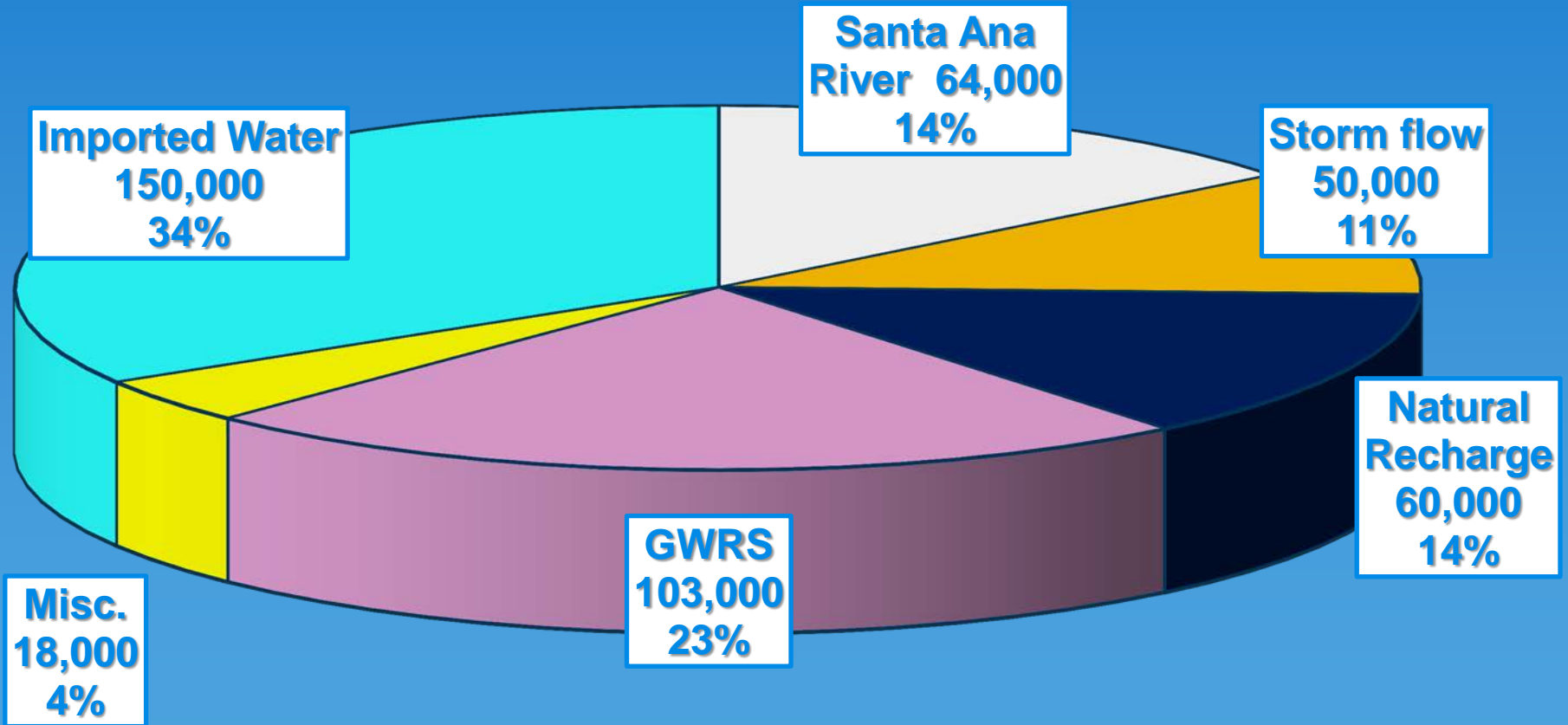


The USACOE and OCWD have worked together to allow up to 20,000 acre-feet of storm water capture behind Prado Dam.



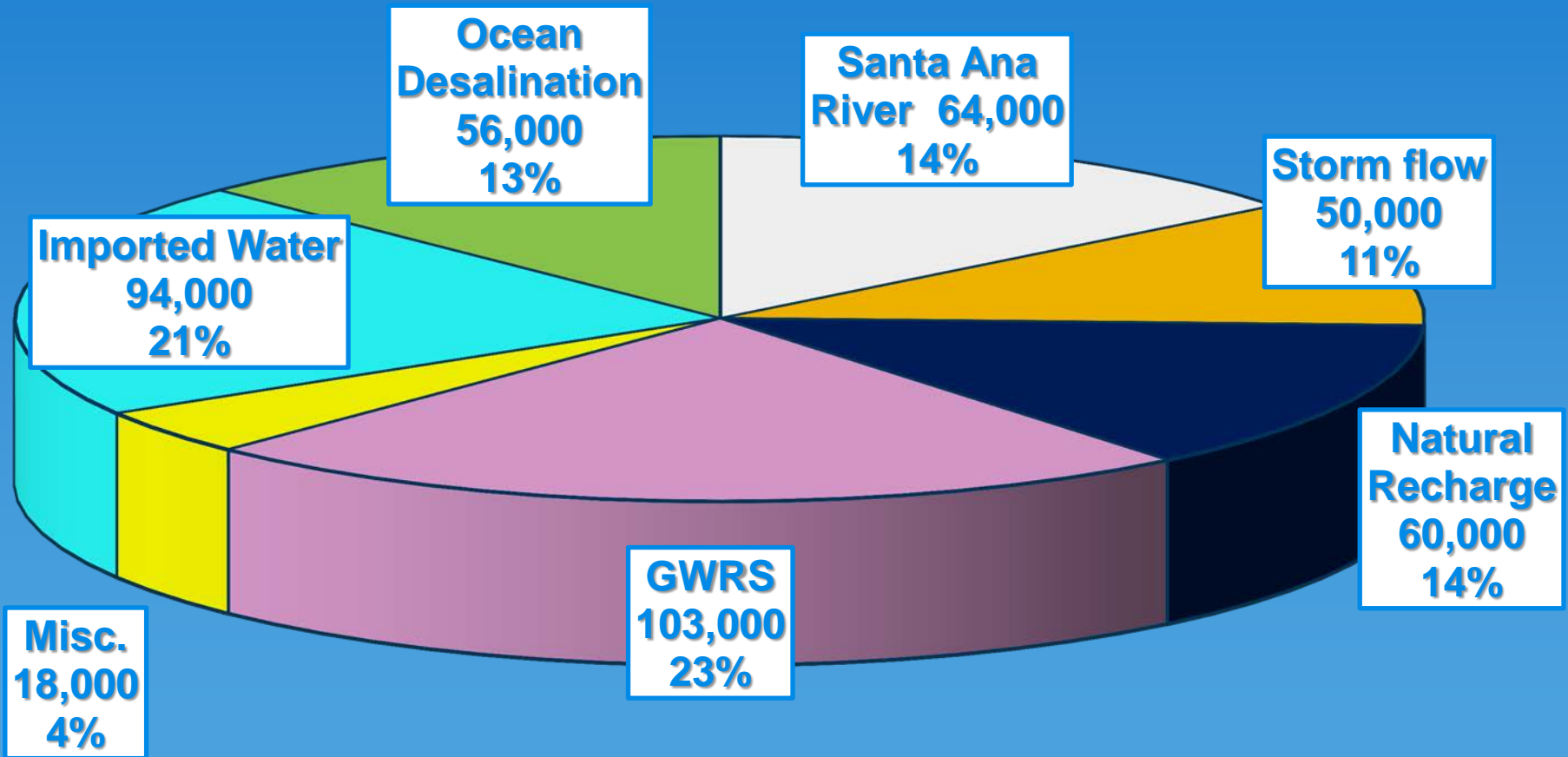
A diverse portfolio has been created to meet water demands.

Total Water Demands 445,000 afy



A diverse portfolio has been created to meet water demands.

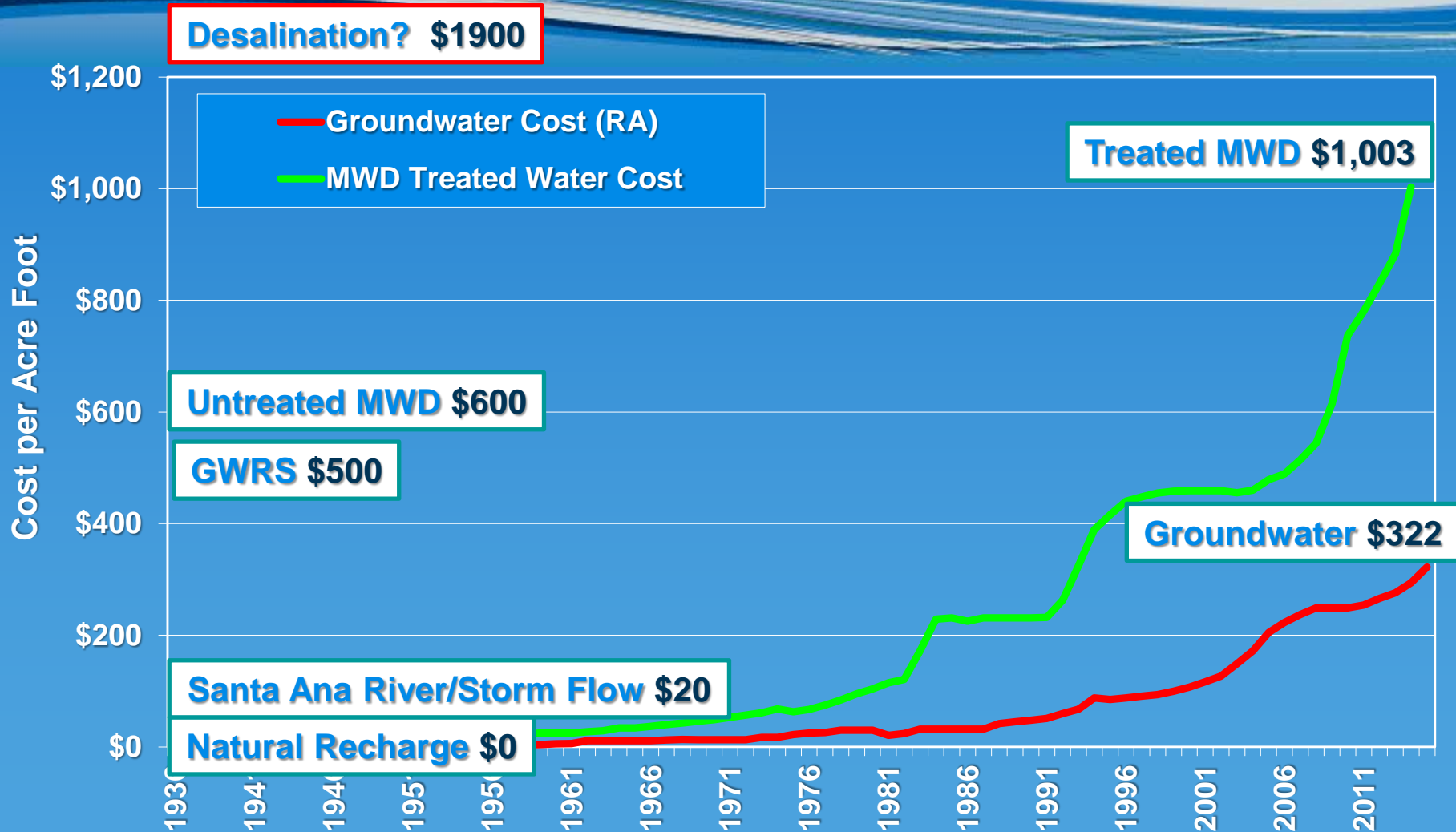
Total Water Demands 445,000 afy



Questions?



The melded cost of the various sources is less expensive than imported water.



Development of local water resources has increased the sustainable yield of the basin.

