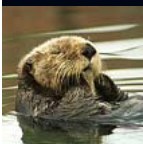


Water for Monterey County

August 2008



Regional Water Supply Plan Addresses Gaps in Northern Monterey County Water Supplies



MPWMD



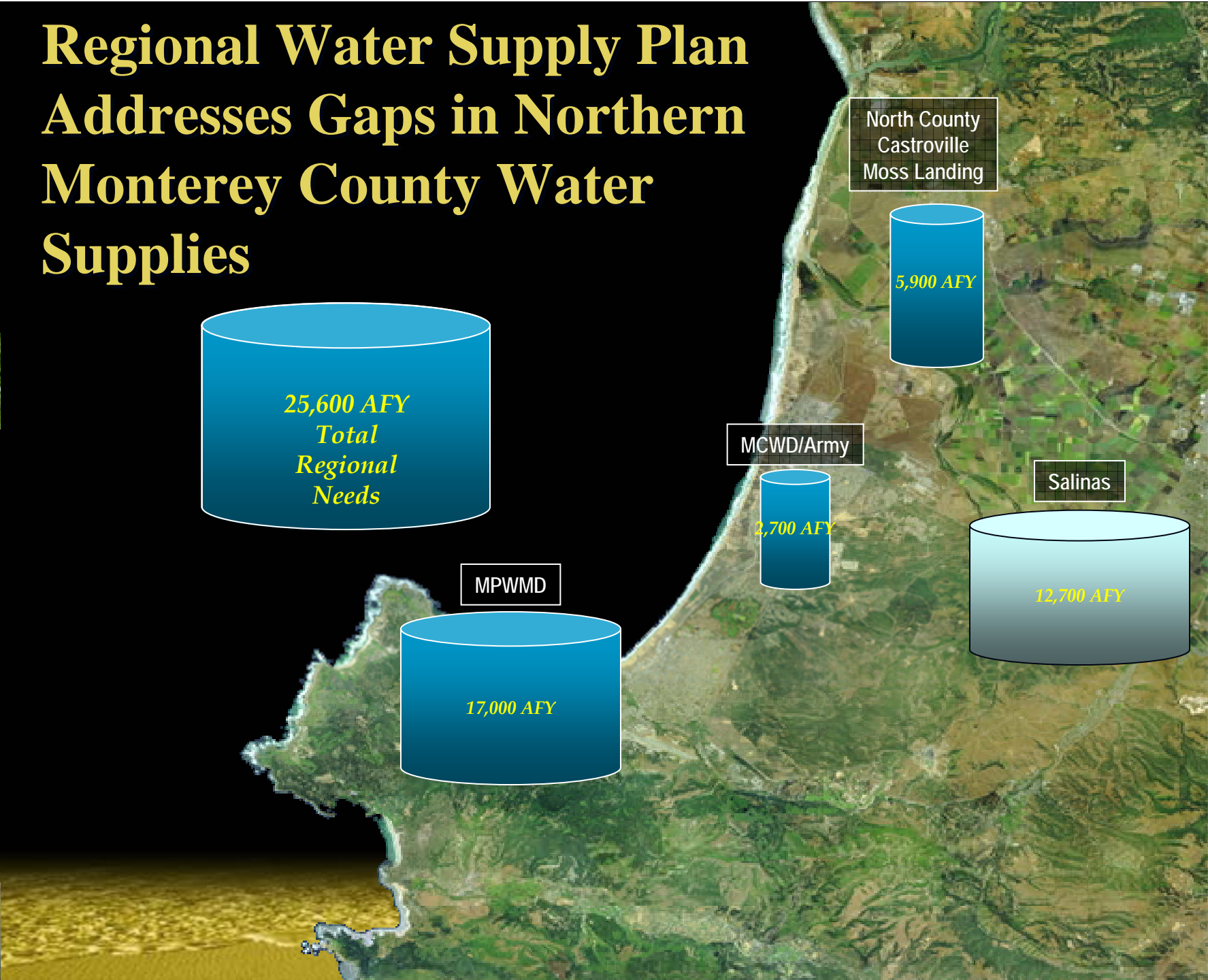
MCWD/Army



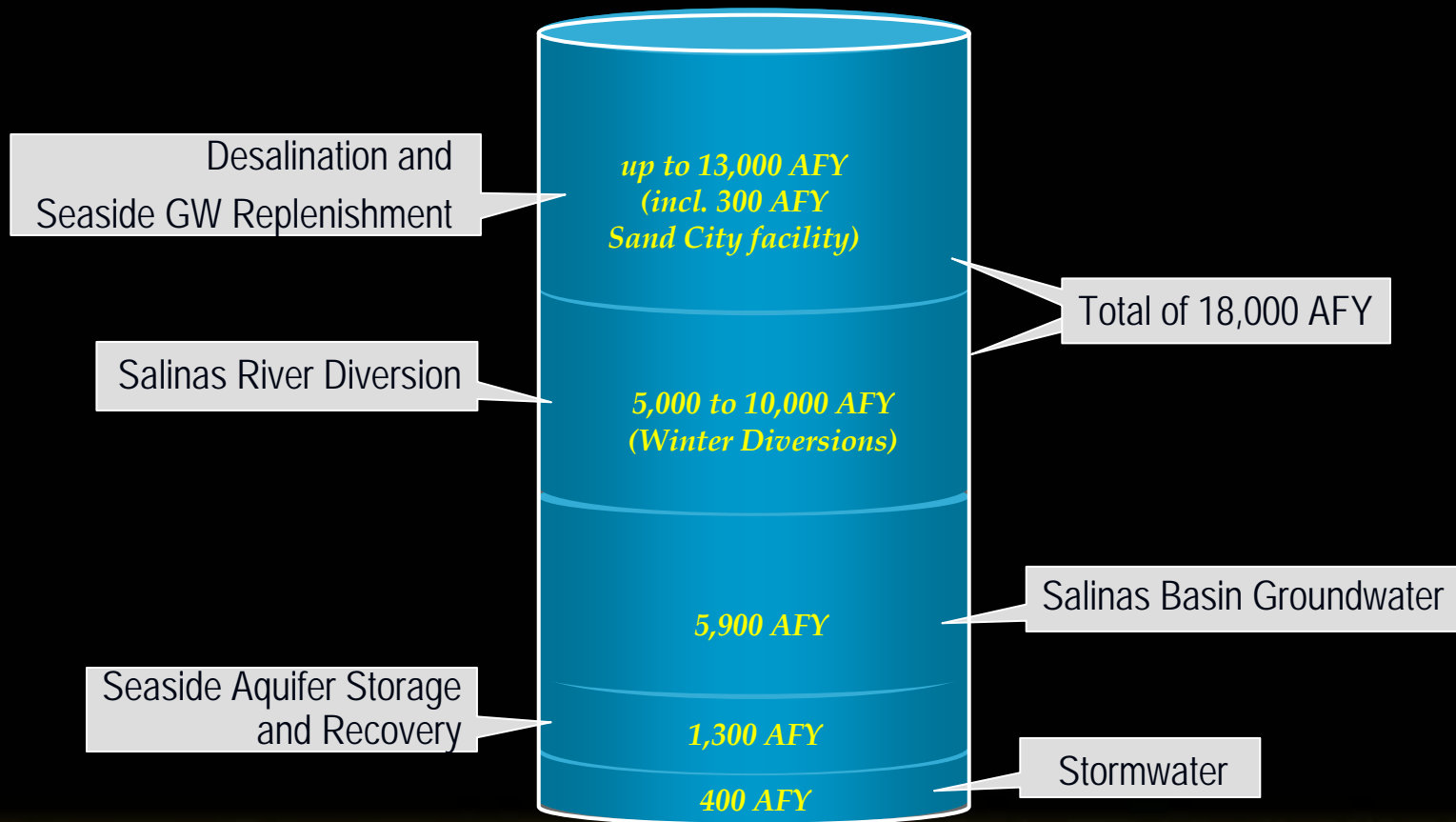
North County
Castroville
Moss Landing



Salinas

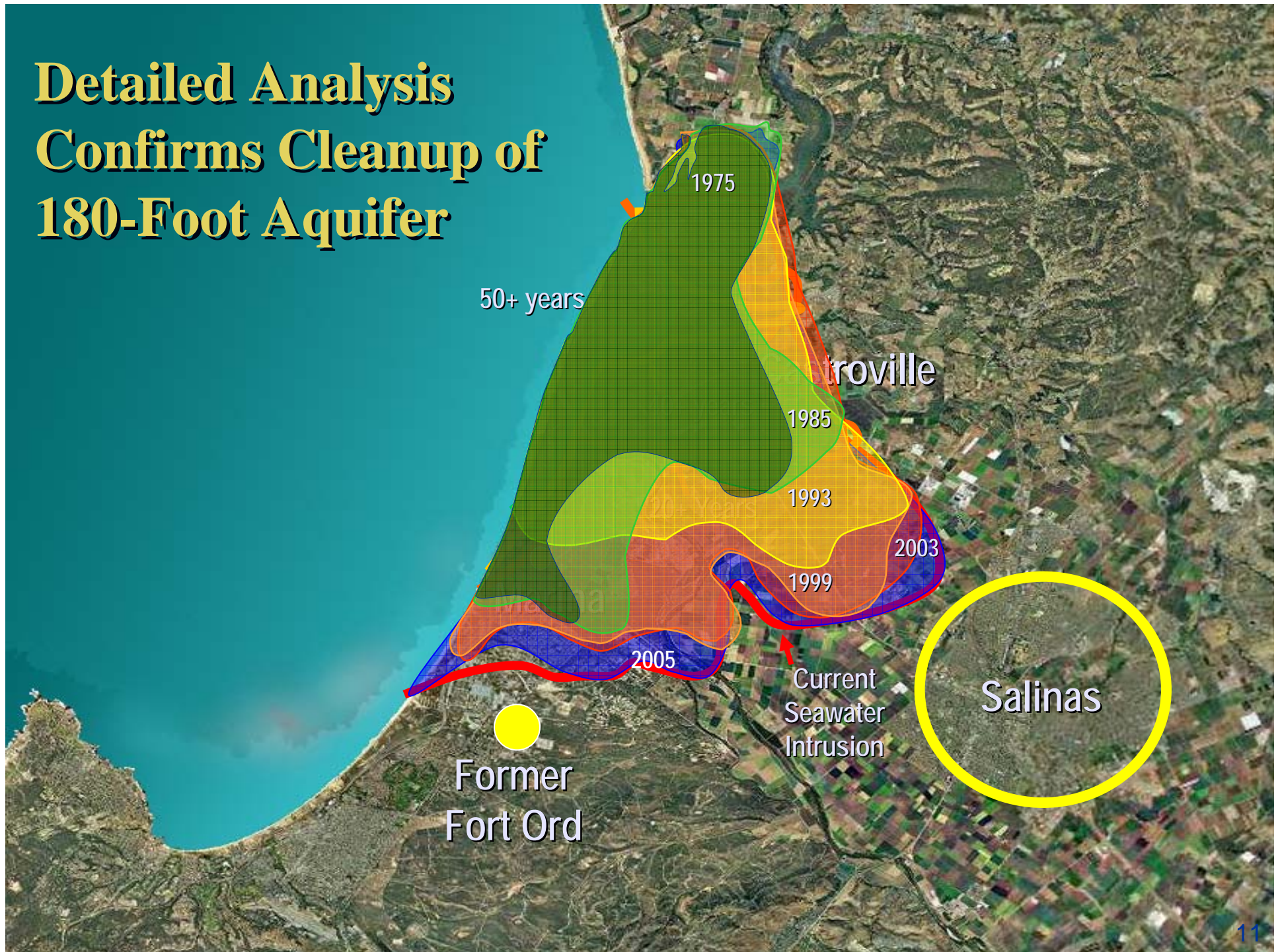


Recommended Program Provides Diverse Set of Supplies, Increasing Reliability and Sustainability

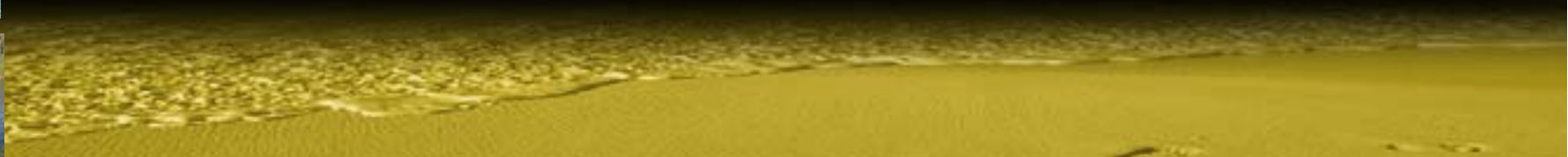
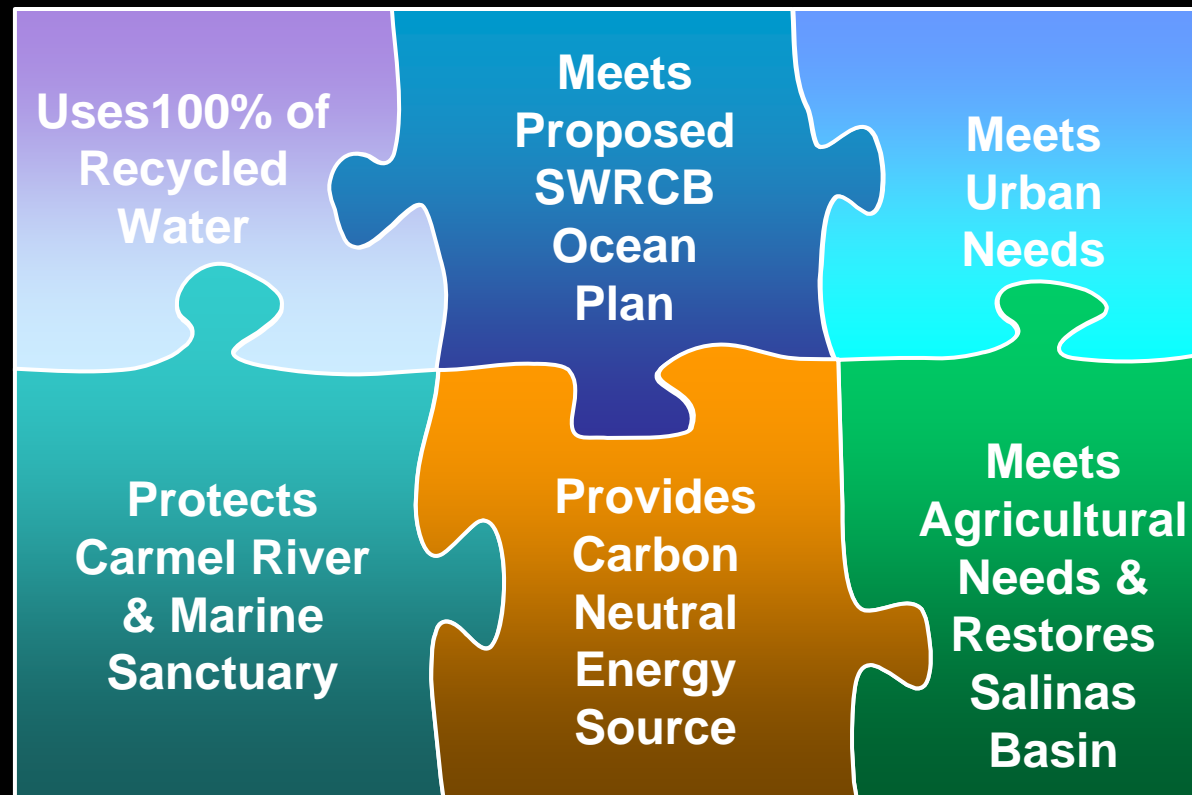


Conservation of 1,000 AFY included as demand reduction

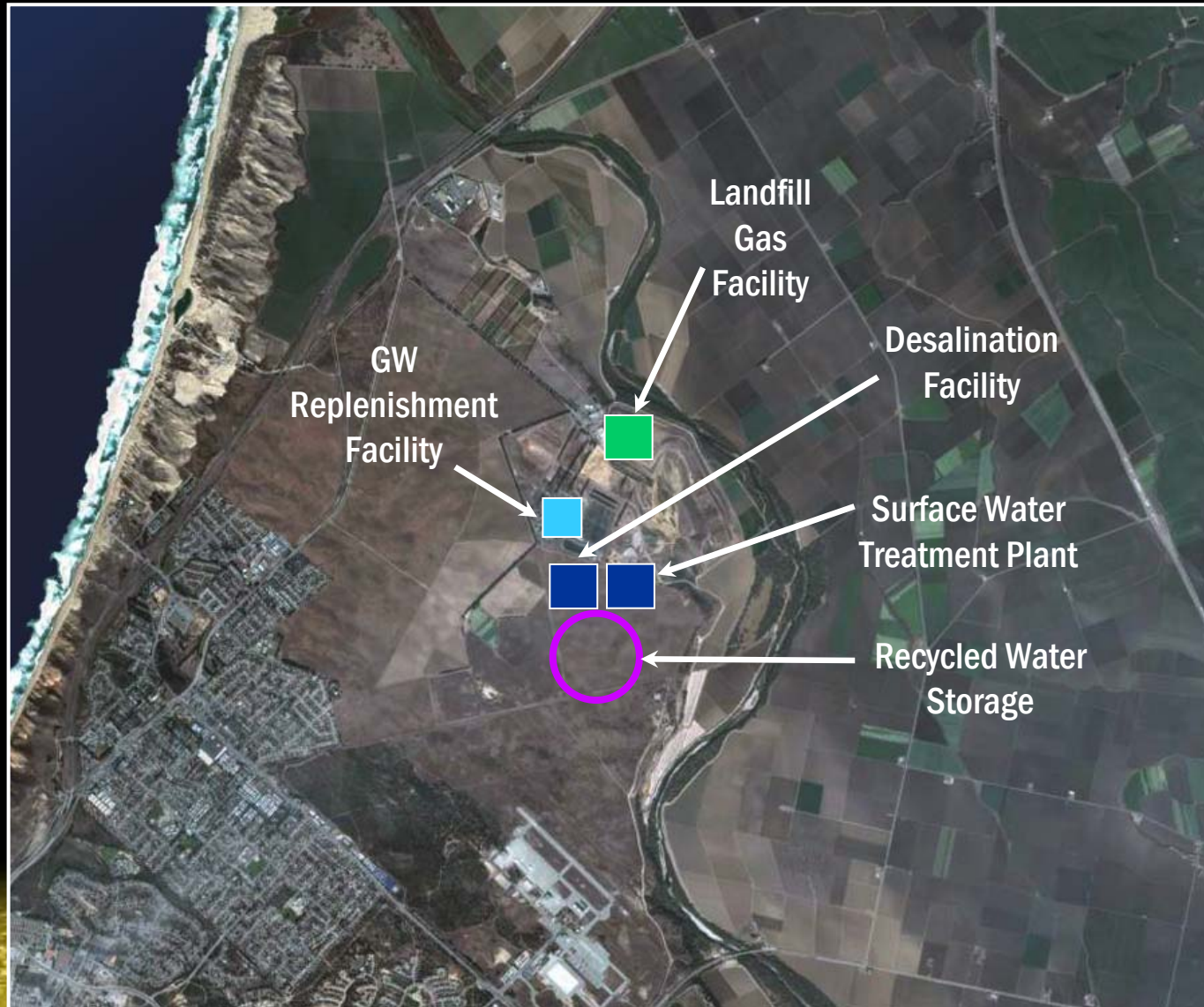
Detailed Analysis Confirms Cleanup of 180-Foot Aquifer



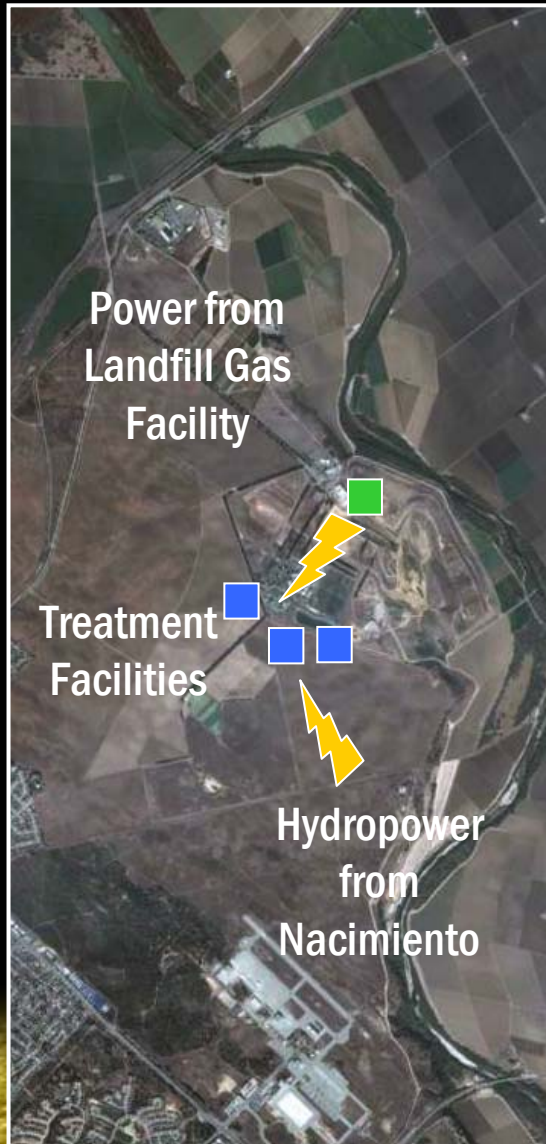
Water for Monterey Provides Least Cost, Sustainable Water Supply Solution



Facilities are Proposed to be Located in the North Marina Area



Sustainable, Reliable Power Available thru Use of Cogeneration and Hydropower

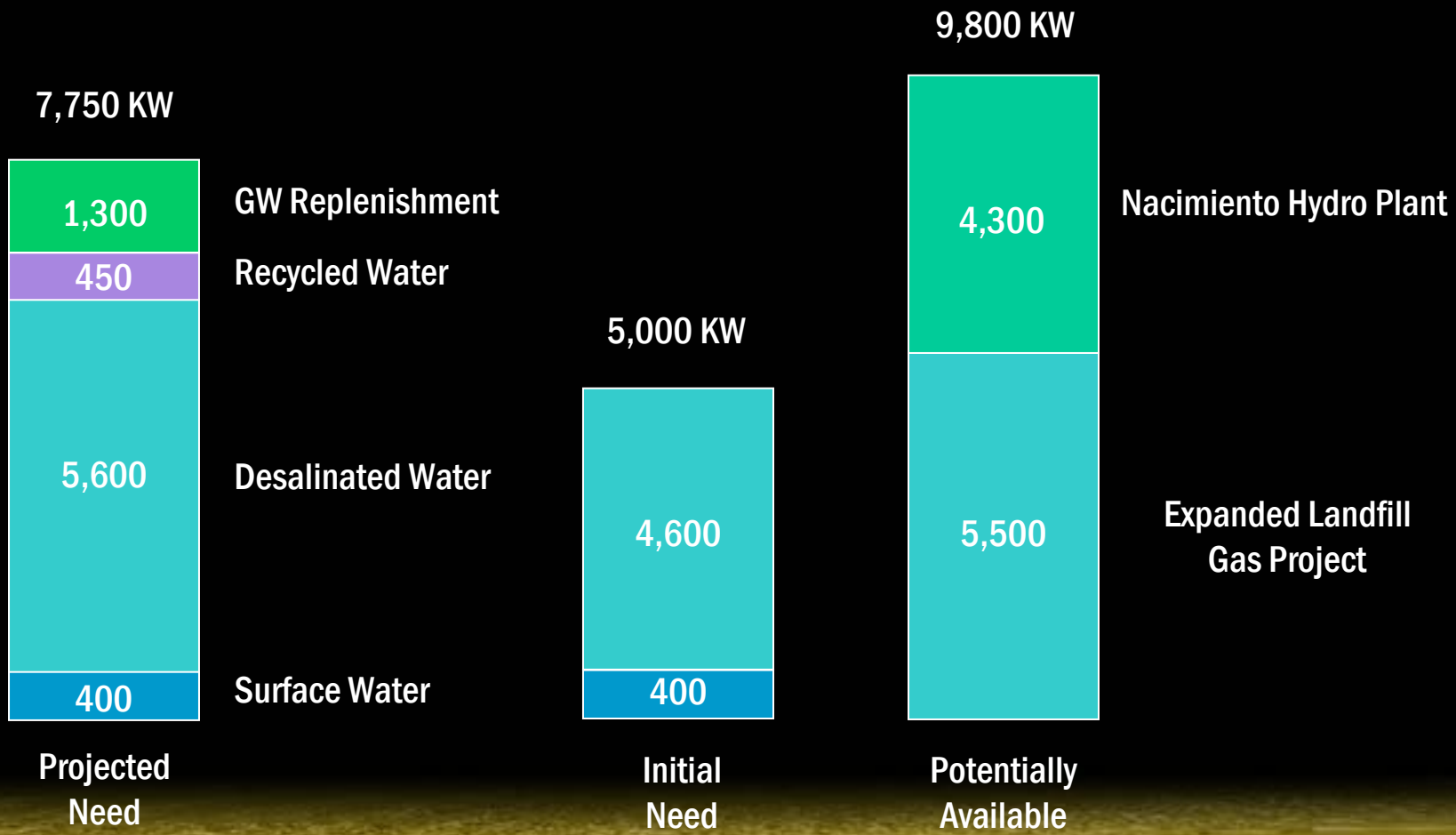


- Use of methane gas from landfill gas facility
- Supplement with renewable hydropower from Nacimiento dam

Advantage of MRWMD landfill gas facility: Wheeling through PG&E may not be necessary.



Energy Requirements Could be Met With Existing Sources



A Win/Win Opportunity Exists for Cost of Power



Purchase Power from PG&E



Range of rates to achieve mutual economic benefits



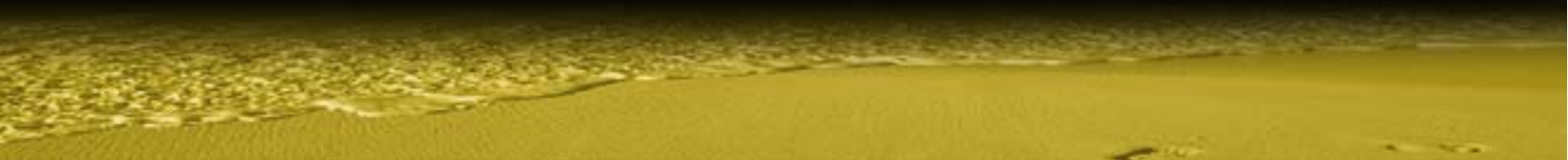
Sell Landfill Power to PG&E
(Contract thru 2013)



Areas for Potential Future Mutually Beneficial Opportunities

- **Enhanced Cogeneration**
 - Add additional co-gen as landfill increases

- **Biomass to Energy**
 - Third party development of biomass to energy plant



Biomass to Energy Plant



20,000 T/year
Wood
(browns)

40,000 T/year
Biosolids



~4,000 kW
Excess Power
(>\$3mm/yr)

Biomass to Energy Plant

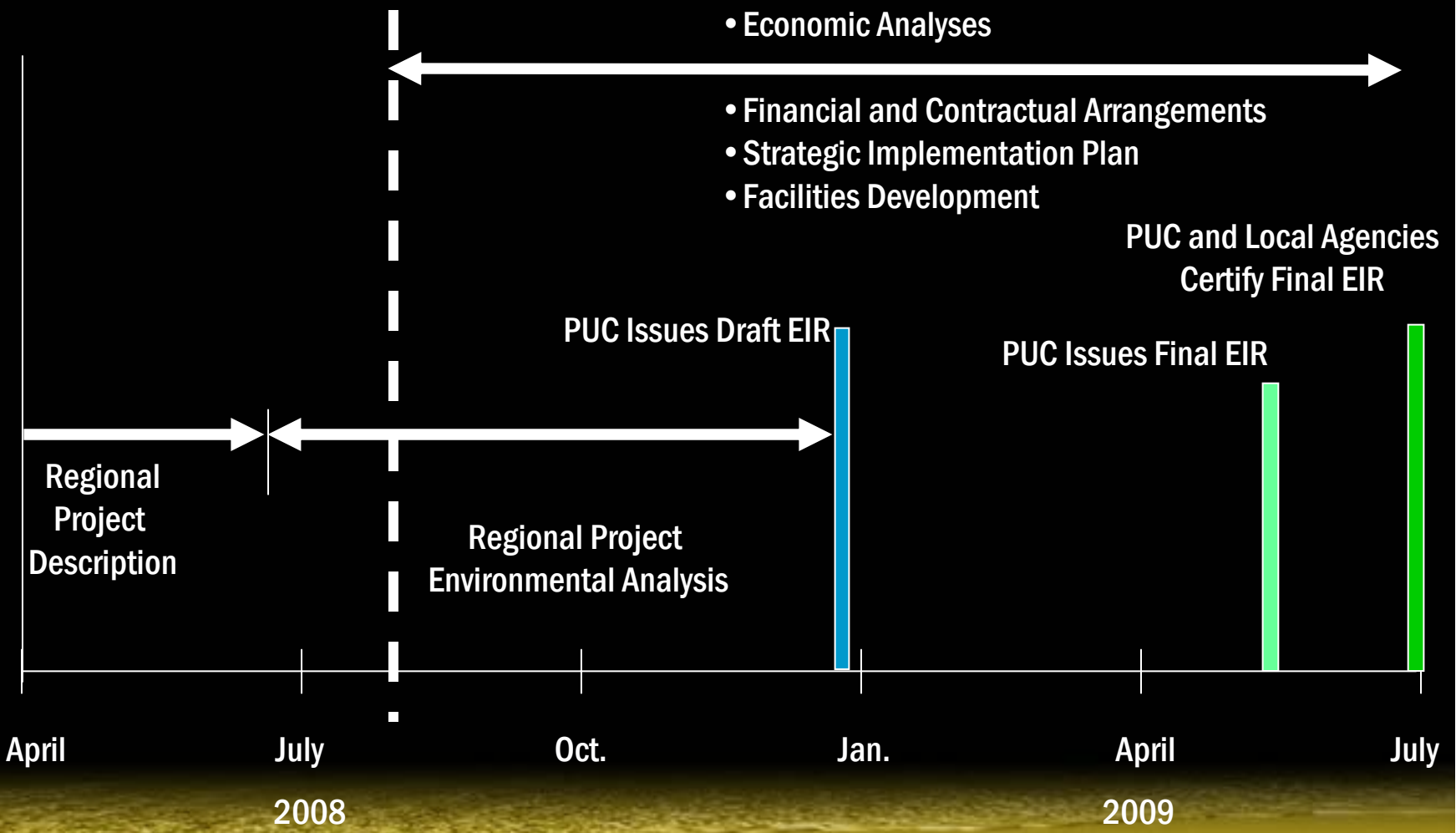
What Are The Next Steps?



- Stakeholder Input
- Institutional Analyses
- Economic Analyses

- Financial and Contractual Arrangements
- Strategic Implementation Plan
- Facilities Development

PUC and Local Agencies
Certify Final EIR



Water for Monterey Provides Least Cost, Sustainable Water Supply Solution

