State Water and County Planning Efforts

Oceano CSD

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Presentation

- State Water Project (SWP)
 - Overview
 - Drought Buffer
- Water Management Efforts
- County-wide Master Water Plan
- Integrated Regional Water Management
 - Regional Plan
 - Grant Opportunities

What is the SWP?

- Conveys water from Northern California watersheds to agriculture areas and urban regions throughout the state
 - CA Department of Water Resources (DWR)
 - State Water Project Analysis Office (SWPAO) evaluates supply and storage
 - State Water Contractors (SWC)

When did the District Join the SWP?

- August 3, 1962 Master Water Supply Agreement with DWR
- Individual agencies within the District signed up for State Water in '92 and '93
- State Water was first delivered to our County in July 1997

How much water does the District get from the SWP?

- Table A Allocation (Capacity to Devil's Den (DD))
 - 25,000 AFY Total
- Water Service Amount (Contracted Capacity after DD)
 - 4,830 AFY
- Drought Buffer
 - 3,657 AFY
- Excess Allocation
 - 16,513 AFY
- Projected Allocation (Delivery Percentage)
 - Currently at 40% of Table A Allocations/Water Service Amounts

Who subcontracts with the District for State Water?

	Water Service	Drought	Total
Subcontractor	Amount		Reserved
Chorro Valley Turnout			
City of Morro Bay	1,313	2,290	3,603
Ca Mens Colony	400	400	800
Co Operations Center	425	425	850
Cuesta College	200	200	400
Lopez Turnout			Market 1
City of Pismo Beach	1,240	0	1,240
Oceano CSD	750	0	750
San Miguelito MWC	275	275	550
Avila Beach CSD	100	0	100
Avila Valley MWC	20	60	80
San Luis Coastal USD	7	7	14
Shandon	100	0	100
SECTION 1981	Part of the	(1 Page	LONG A
TOTAL	4,830	3,657	8,487

How does Drought Buffer work?

- Example Desire 100% reliability at a 50% or greater projected allocation
 - Subcontractor Allocation = 750 AFY
 - Drought Buffer Required = 750 AFY
 750 AFY * 50% + 750 AFY * 50% = 750 AFY
- Drought Buffer Agreement
 - Pay annual DWR fixed costs for that quantity

State Water Cost

- What is the cost to deliver 750 AFY of State Water with 750 AFY of Drought Buffer to Oceano CSD?
 - Fixed Costs = \$850 * 750 AFY = \$637,500
 - Variable Costs = \$250 per AF delivered
 - Drought Buffer Costs = \$75 * 750 AFY = \$56,250/year
 - Wheeling Costs = \$23 per AF delivered

Water Management Efforts

State Water

- Short term agreement to utilize more than contracted capacity
- Long term agreement for use of excess allocation and pipeline capacity

Seawater Intrusion Monitoring

Water Management Efforts

Conservation

Recycled Water

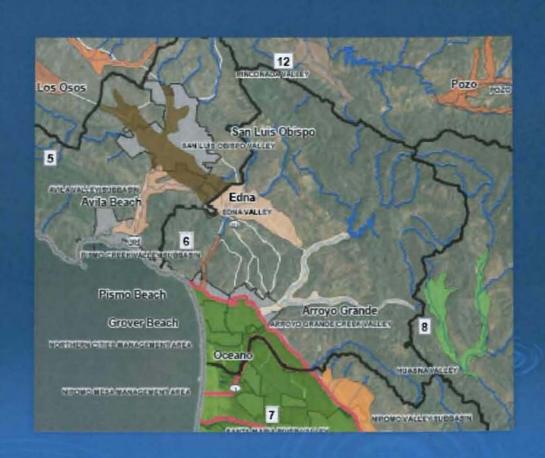
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Master Water Plan

- Description of Water Resources Management in the County
- Analysis of Supply and Demand Now and into the Future
- Identification of Sustainable Water Resource Policies, Strategies and Projects

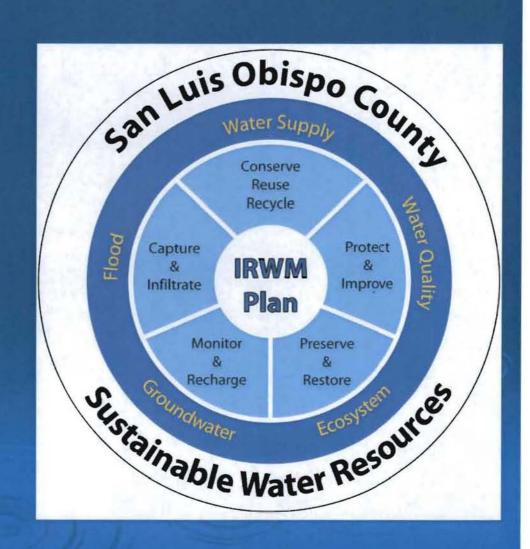
Northern Cities Planning Area

- Supply
 - State/Lopez Water
 - Santa Maria GWB
- Water Users
 - City of Pismo Beach
 - City of Arroyo Grande
 - City of Grover Beach
 - Oceano CSD
 - Agriculture and other overlying users
- Issues: Limited GW Supplies, Current Demands



Integrated Regional Water Management Plan

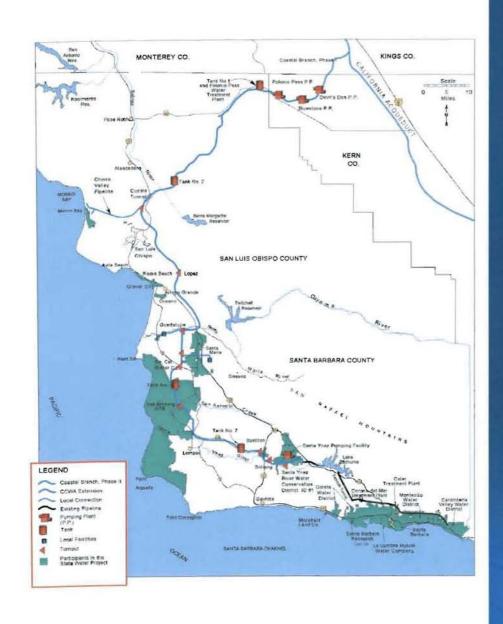
- > 2007 Plan:
 - Zone1/1AWaterwayManagementProgram
- > 2010 Plan:
 - NCMA Efforts
- Grant Opportunities



Community Input

- Master Water Plan
 - Water Supply and Demand Description
 - Supply Issues to Address
- > Integrated Regional Water Management
 - Water Quality, Groundwater, Flood Control and Ecosystem Issues to Address

www.SLOCountyWater.org



Questions?

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