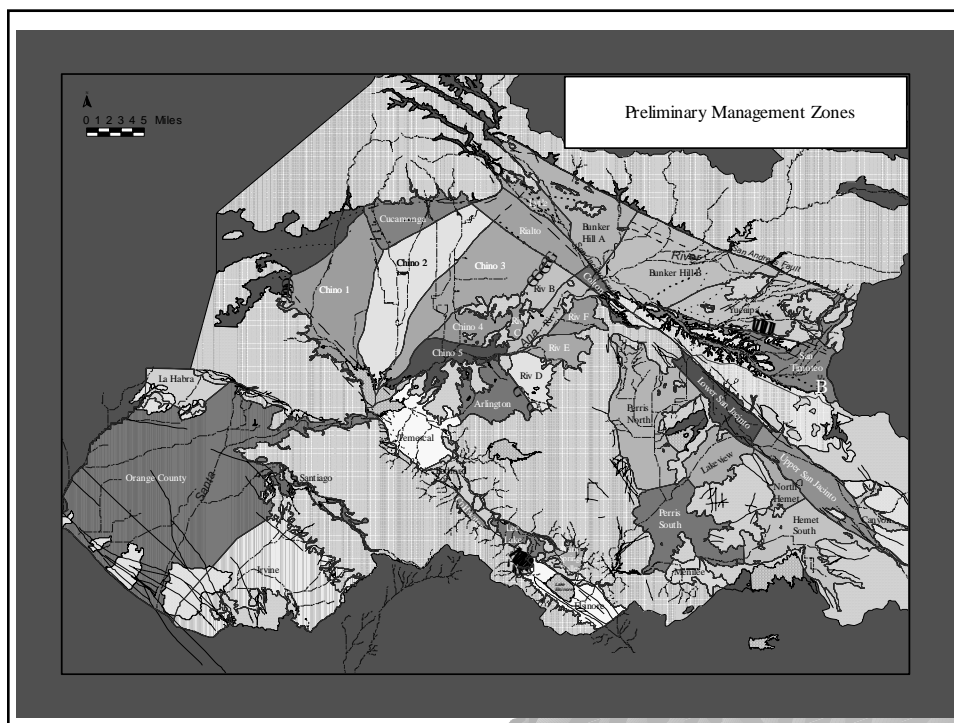
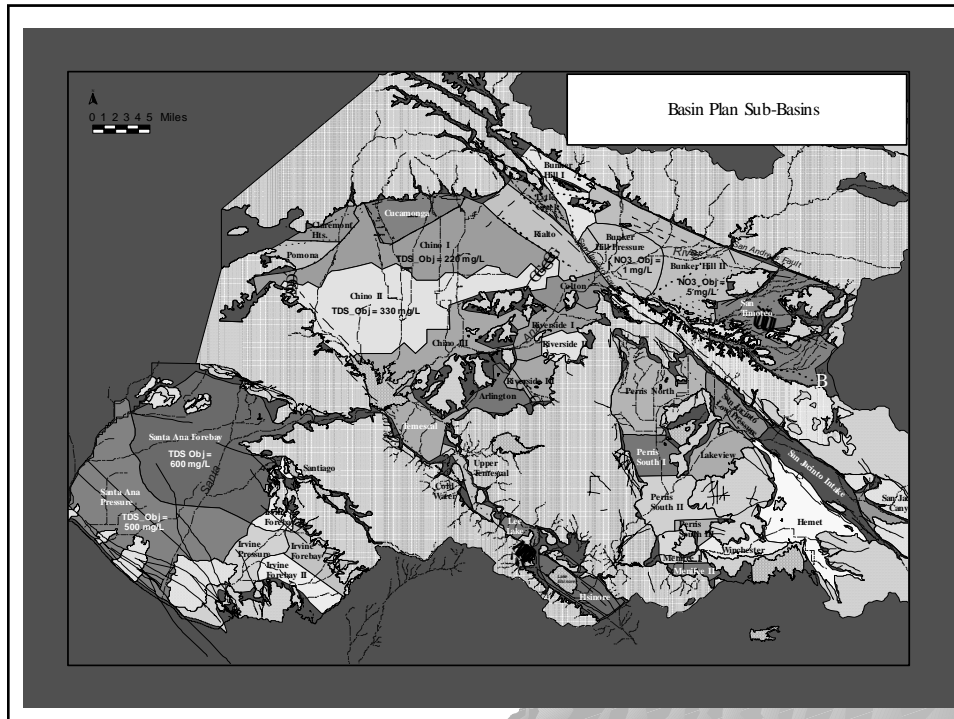
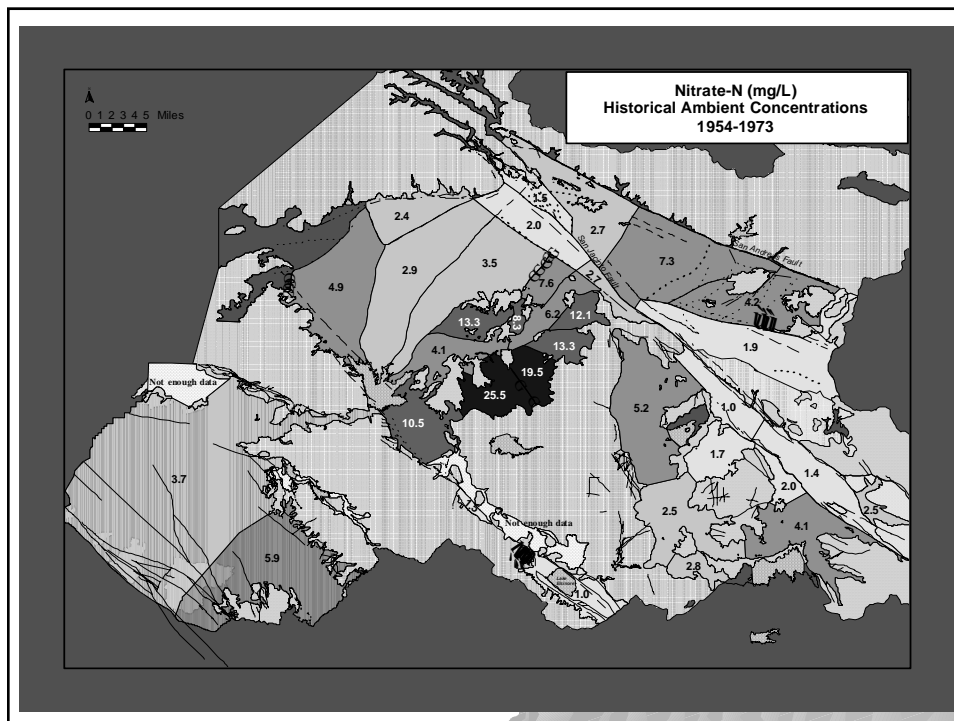
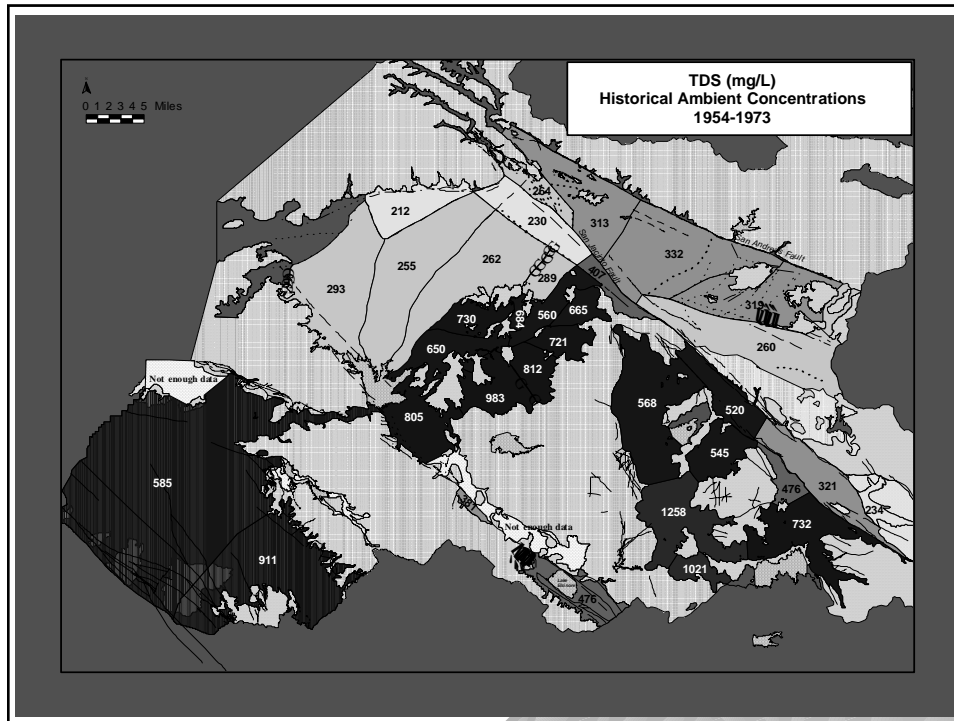

Status Report
Santa Ana RWQCB's
Proposed Basin Plan Amendment to
Implement the
"Maximum Benefit" TIN/TDS Policy

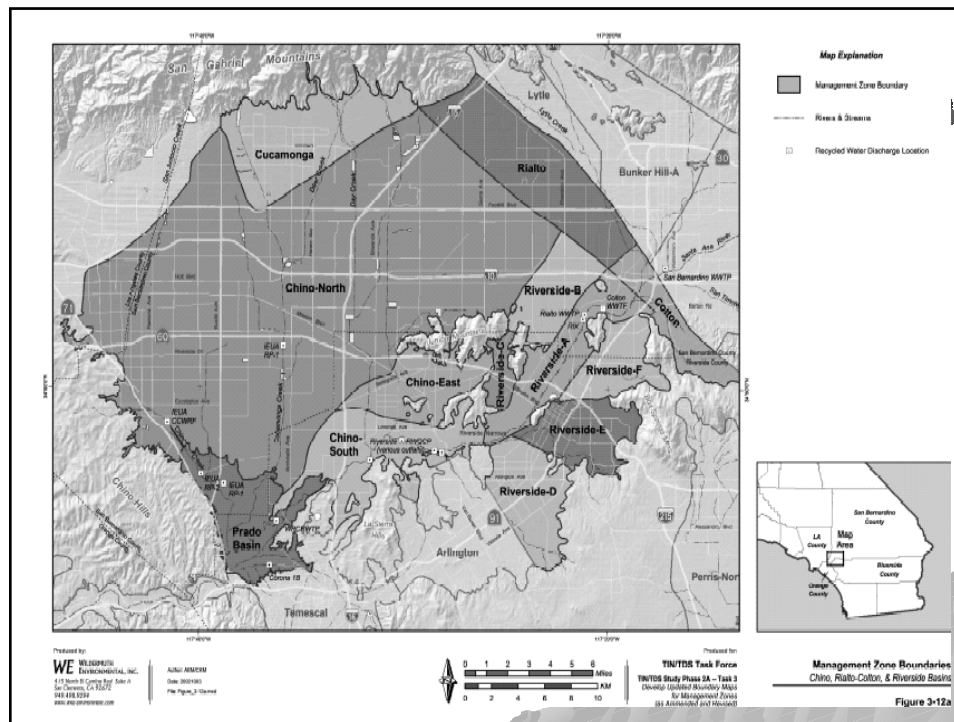
December 3, 2003

Background

- ◆ The TIN/TDS Basin Plan Amendment Process began in 1995
- ◆ Numerous status reports to IEUA Board over last 8 years
- ◆ Chino Basin "Peace Agreement" (June 2000) developed Max Benefit Proposal
- ◆ IEUA resolved issue with Jurupa and OCWD in 2002
- ◆ Broad consensus of support for Max Benefit







Proposed Water Quality Objectives

- ◆ Based on Historical Ambient and Antidegradation
- ◆ Based on “Maximum Benefit” concept

Proposed Groundwater Management Zone TDS & Nitrate Nitrogen Water Quality Objectives

Groundwater Management Zones	Water Quality Objective (mg/L)	
	TDS	NO ₃ -N
UPPER SANTA ANA RIVER BASIN		
Chino – North “maximum benefit” ++	420	5.0
Chino 1– “antidegradation” ++	280	5.0
Chino 2 – “antidegradation” ++	250	2.9
Chino 3 – “antidegradation” ++	260	3.5
Chino – East	730	10.0
Chino – South	680	4.2
Cucamonga “maximum benefit” ++	380	5.0
Cucamonga “antidegradation” ++	210	2.4

Chino Basin Maximum Basin Benefits

Description of Commitment	Compliance Date – ASAP, but no later than
1. Surface Water Monitoring Program	
a. Submit Draft Monitoring Program to Regional Board	a. <i>30 days from date of approval of this amendment</i>
b. Implement Monitoring Program	b. Within 30 days from date of Regional Board approval of monitoring plan
c. Quarterly data report submittal	c. April 15, July 15, October 15, January 15
d. Annual data report submittal	d. February 15 th
2. Groundwater Monitoring Program	
a. Submit Draft Monitoring Program to Regional Board	a. <i>(* 30 days from date of approval of this amendment*)</i>
b. Implement Monitoring Program	b. Within 30 days from date of Regional Board approval of monitoring plan
c. Annual data report submittal	c. February 15 th

Chino Basin Maximum Basin Benefits

Description of Commitment	Compliance Date – ASAP, but no later than
3. Chino Desalters	
a. Chino 1 Desalter expansion to 10 MGD b. Chino 2 Desalter at 10 MGD design	a. Prior to recharge of recycled water b. Recharge of recycled water allowed once award of contract and notice to proceed issued for construction of Desalter
4. Future Desalters plan and schedule submittal	October 1, 2005 Implement plan and schedule upon Regional Board approval
5. Recharge facilities (19) built and in operation	June 30, 2004
6. IEUA wastewater quality improvement plan and schedule submittal	60 days after agency-wide 12 month running average effluent TDS quality equals or exceeds 545 mg/L for 3 consecutive months or agency-wide 12 month running average TIN equals or exceeds 8 mg/L in any month. Implement plan and schedule upon approval by Regional Board

Chino Basin Maximum Basin Benefits

Description of Commitment	Compliance Date – ASAP, but no later than
7. Recycled water will be blended with other recharge sources so that the 5-year running average TDS and nitrate-nitrogen concentrations of water recharged are equal to or less than the "maximum benefit" water quality objectives for the affected Management Zone (Chino North or Cucamonga).	Compliance must be achieved by end of 5th year after initiation of recycled water recharge operations.
a. Submit baseline report of amount, locations and TDS and nitrogen quality of stormwater recharge	a. Prior to initiation of construction of basins/other facilities to support enhanced stormwater recharge
b. Submit documentation of amount, TDS and nitrogen quality of all sources of recharge and recharge locations. For stormwater recharge used for blending, submit documentation that the recharge is the result of CBW/IEUA enhanced recharge facilities.	b. Annually, by February 15th, after initiation of construction of basins/other facilities to support enhanced stormwater recharge.

Chino Basin Maximum Basin Benefits

Description of Commitment	Compliance Date – ASAP, but no later than
8. Hydraulic Control Failure	
a. Plan and schedule to correct loss of hydraulic control	a. 60 days from Regional Board finding that hydraulic control is not being maintained
b. Achievement and maintenance of hydraulic control	b. In accordance with plan and schedule approved by Regional Board. The schedule shall assure that hydraulic control is achieved as soon as possible but no later than 180 days after loss of hydraulic control is identified.
c. Mitigation plan for temporary failure to achieve/maintain hydraulic control	c. By (<i>*30 days from effective date of this Basin Plan amendment*</i>). Implement plan upon Regional Board determination that hydraulic control is not being maintained.
9. Ambient water quality	9. Determination July 1, 2005 and every 3 years thereafter

Comments