

How The Specter Of State Intervention, And
The Potential Loss Of Local Control Over
Groundwater Resources, Helped To Coalesce
Local Support To Create
The San Gabriel Basin
Water Quality Authority (WQA)

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WQA
General Counsel



1973 Judgment Entered in Main San
Gabriel Basin Adjudication

Seven Person Watermaster Panel

Three Public Representatives

Four Groundwater Producer Representatives

Part Public Agency

Part Private Water Company

1979

VOC Contamination Discovered In
Main San Gabriel Basin Aquifers

1985

Five “San Gabriel Sites” Placed On US
EPA Superfund NPL ...Largest
Groundwater Superfund Site

Baldwin Park
El Monte
South El Monte
Puente Valley
Wittier Narrows



1985... RI/FS Under Development

Political Interest
Polluter Pays

NGOs: Water Producers Part Of The Problem
Especially Investor Owned Utilities

Well Production Causing Contamination to
Migrate

However, Contaminated Water Wells Could Be
Part Of The Solution

Avoid Cost Of Drilling New Extraction Wells

Sale Of Cleaned Water Could Isolate
Incremental Cost Of Cleanup

San Gabriel Ground Water Basin White Paper April 1990

State Water Resources Control Board
US Environmental Protection Agency
Los Angeles Regional Water Board

Potentially Needed Authorities	EPA	Regional Bd. State Bd.	DHS/TSCD and ODW	Water Master	MWD	SG Water Districts	DWR
1. Regulate Basin Usage For Water Quality Purposes	(No)	(No)	(No)	(No)	(No)	(No)	(No)
2. Construct and Operate For Water Quality Purposes	+	+	+	(No)	+	+	+
3. Obtain Funding For W.Q. Purposes & Remediation	+	+	+	(No)	+	+	+
4. Manage Funds	+	+	+	+	+	+	+
5. Respond to Public Interests	+	+	+	(No)	+	+	+
6. Cost Recovery	+	+	+	+	+	+	+
7. Issue Bonds For Water Quality Purposes	(No)	(No)	(No)	(No)	+	+	(No)
8. Identify and Control Sources	+	+	+	(No)	(No)	(No)	(No)
9. Conduct Investigations/Monitor	+	+	+	+	+	+	+
10. Review and Revise Plan	+	+	+	+	(No)	+	+
11. Coordinate Efforts	+	+	+	+	+	+	+
12. Develop and Coordinate Conjunctive Use	(No)	(No)	(No)	(No)	+	+	(No)

APRIL 1990

JULY 1990

DECEMBER 1990

JANUARY 1991

JANUARY 1992

JANUARY 1993

WHITE PAPER ISSUED

WQA FORMED AS JPA

SB 44, SB 52, AB 521

INTRODUCED

WATERMASTER JUDGMENT

AMENDED

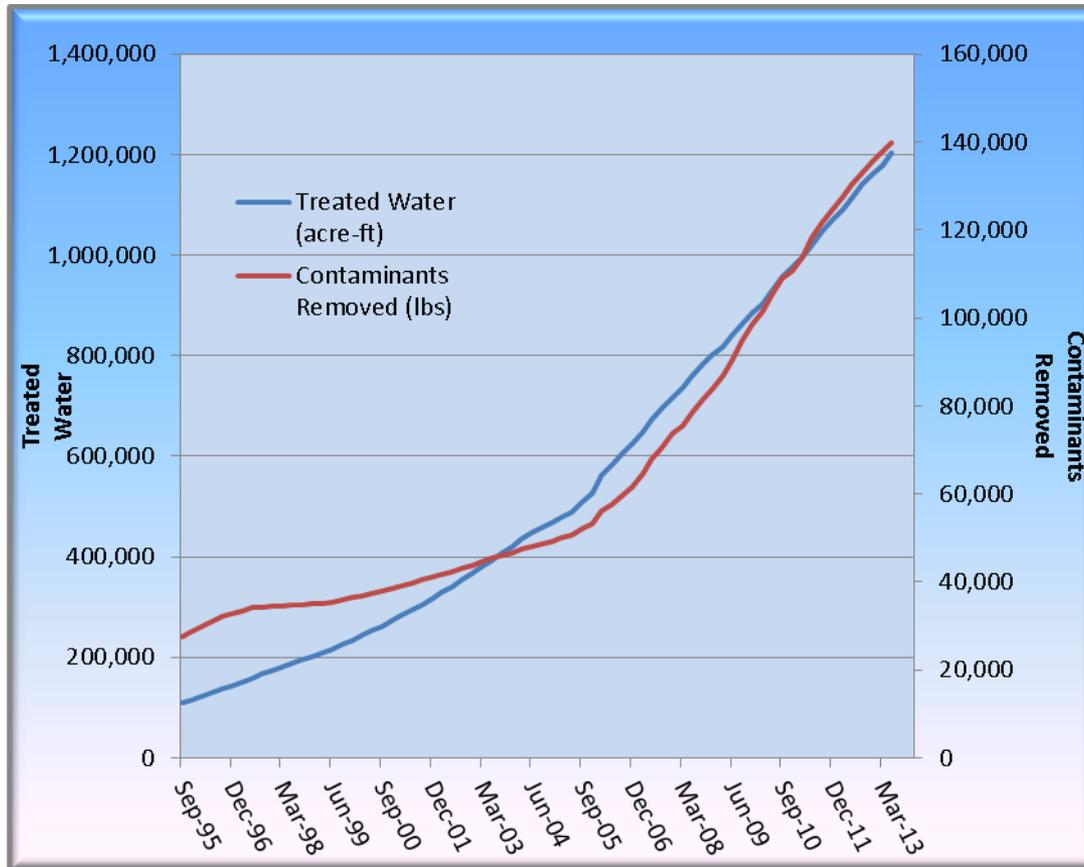
SB 1679 INTRODUCED

WQA ACT EFFECTIVE

JPA → WQA

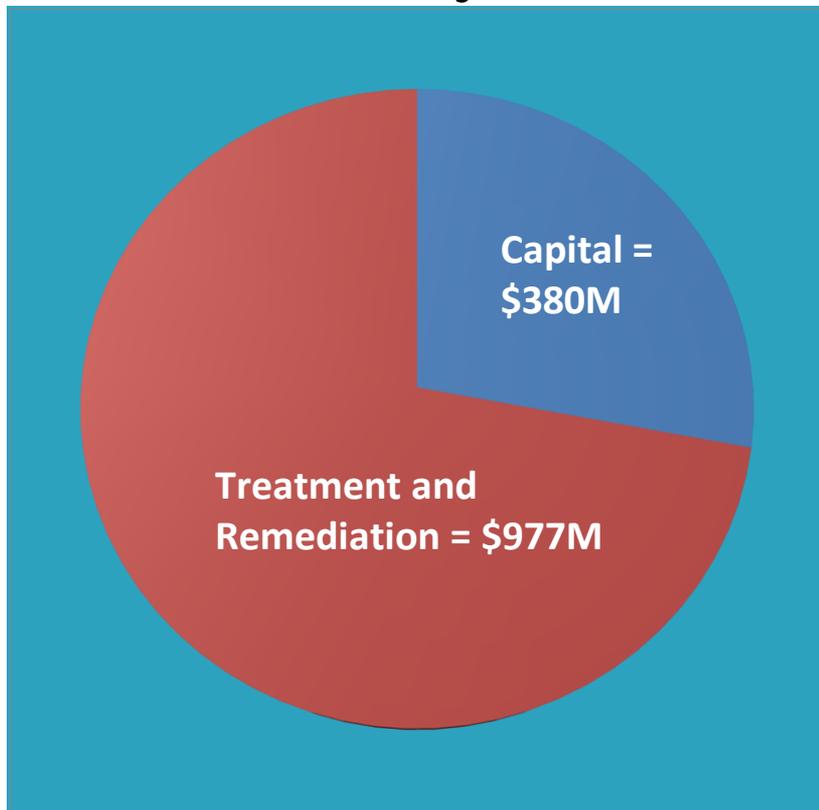


140,000 LB OF CONTAMINANTS REMOVED 1.4 MILLION ACRE FEET OF WATER TREATED

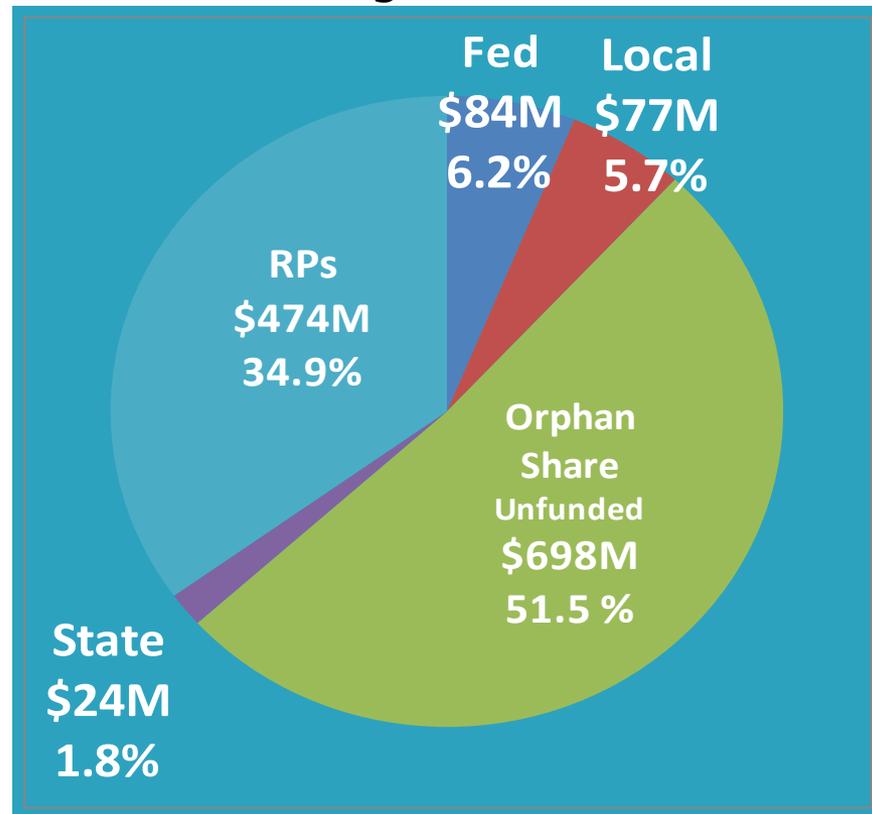


Project Costs Vs. Projected Funding Shortfall

Estimated Project Costs



Funding Sources



Estimated Total Funding = \$1.357B

▶ QUESTIONS?

