

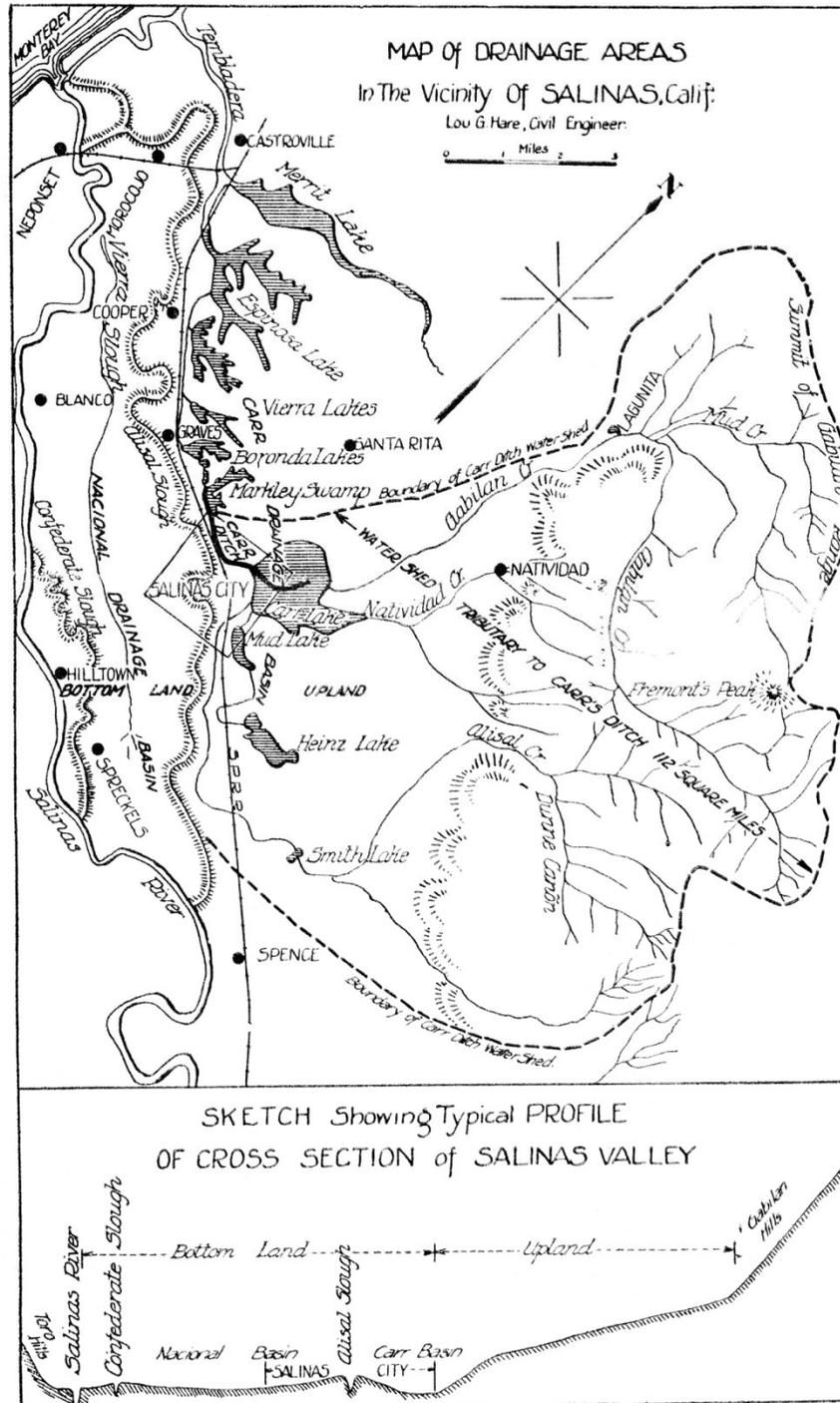
~1910

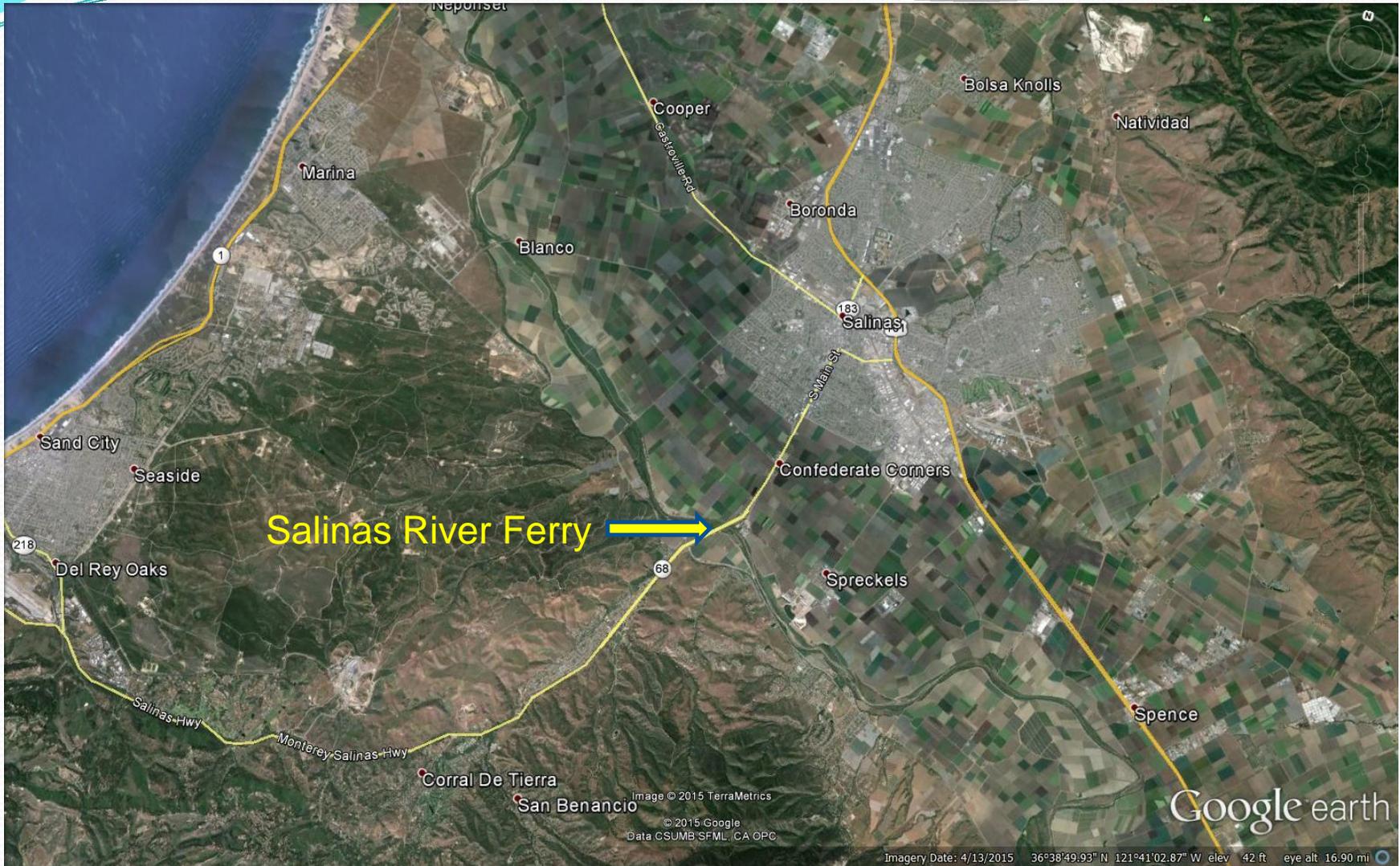


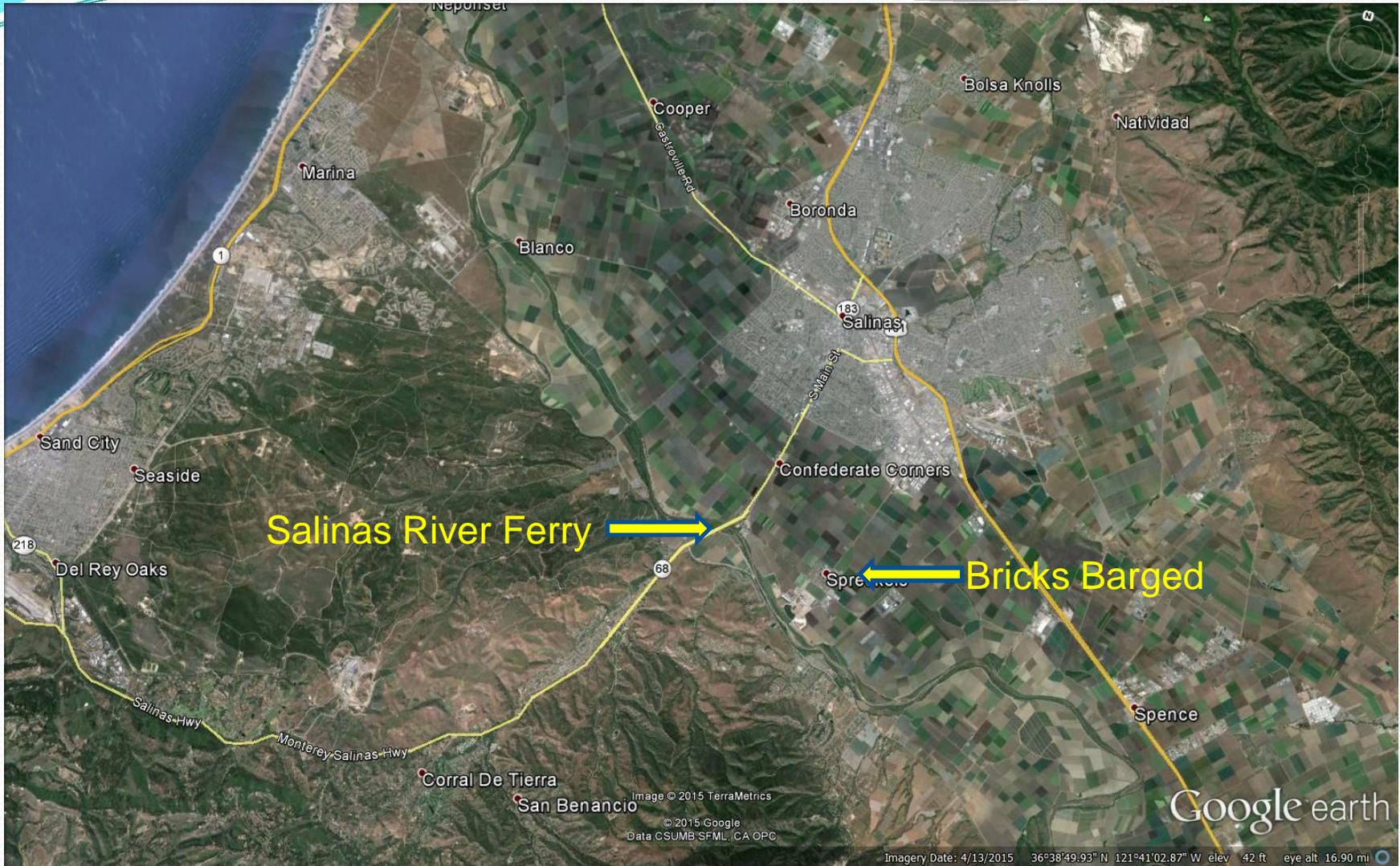
HORNE

GLIMPSE OF SALINAS RIVER

1910







A NEW WATER SUPPLY SOURCE.

Castroville Lakes to Yield
Eighty Million Gallons
a Day.

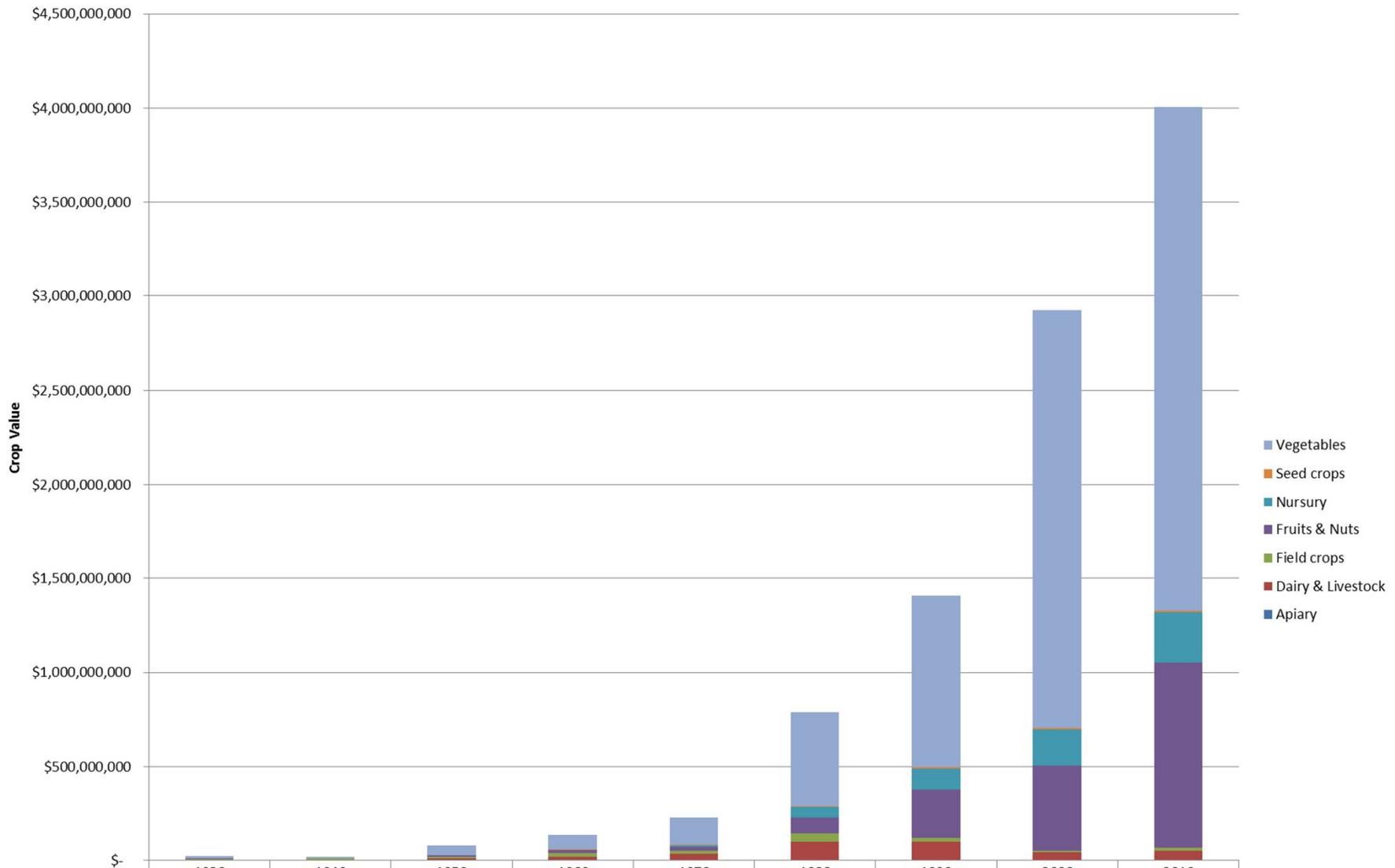
NATURAL FILTRATION.

Plans and Estimates for a System
That Might Solve the Water
Problem for All Time.

What bears on the face of it the stamp of the best and most practicable plan that has ever been broached for supplying San Francisco with a cheap, ample and pure water supply is that which is now being pushed forward by the men interested in the Castroville lakes.

If all that these men claim for this projected system be true—and the statements appear to be such as can be readily proven or disproven—then it seems a safe prediction that not only San Francisco, but all the near-by cities and towns will eventually be supplied with water, from the Castro lakes system.

No definite financial plan has yet been formed, but surveys, tests, measurements and estimates have been made, and upon these two of the gentlemen most interested, Attorney M. E. Babb and Civil Engineer S. J. Henshaw,



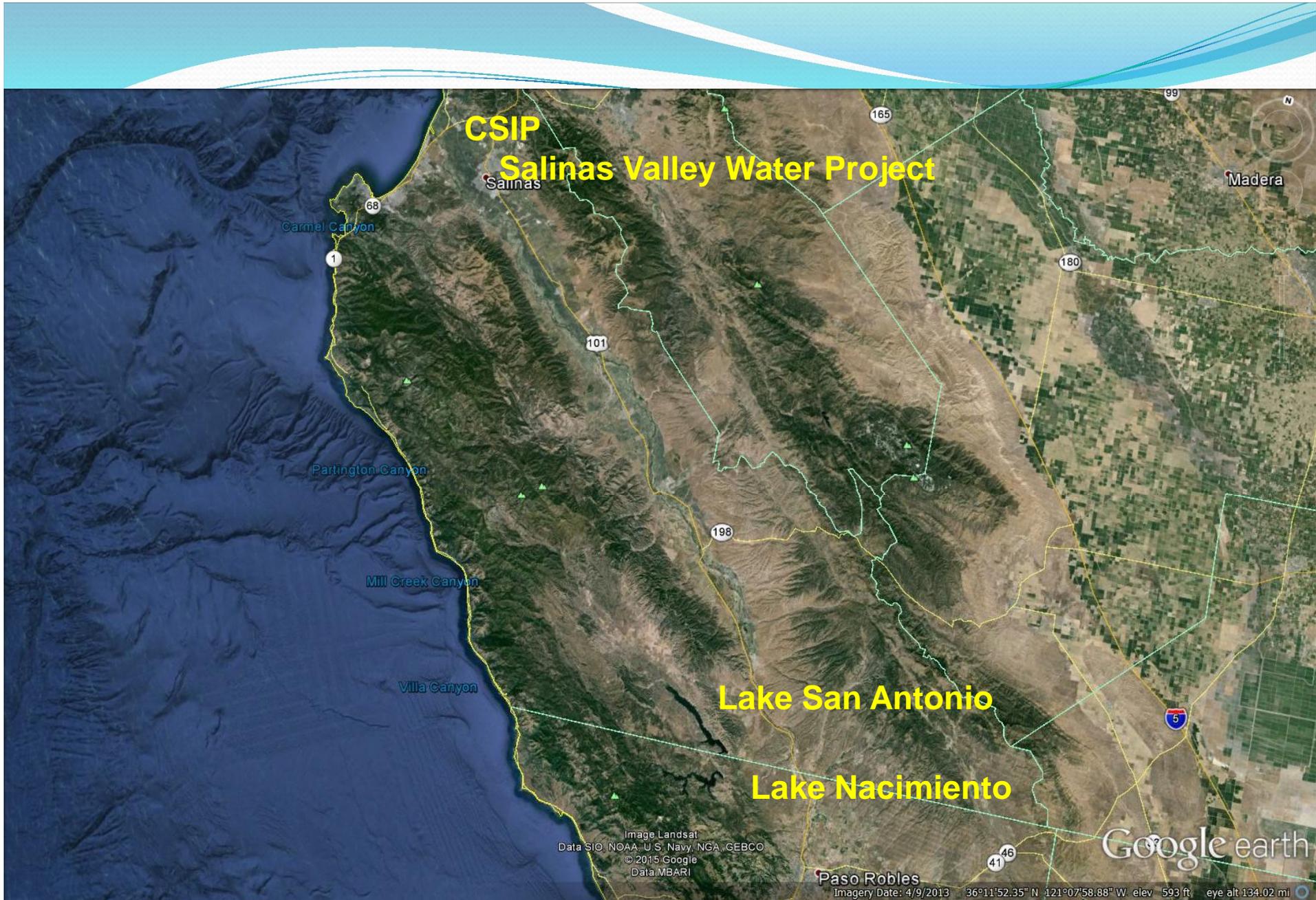
	1930	1940	1950	1960	1970	1980	1990	2000	2010
Vegetables	\$13,794,000	\$9,308,915	\$50,474,922	\$75,812,197	\$147,031,000	\$504,483,400	\$910,407,800	\$2,216,766,000	\$2,677,072,000
Seed crops	\$202,000	\$598,688	\$780,835	\$835,918	\$757,000	\$4,142,000	\$6,201,000	\$8,766,000	\$9,984,000
Nursury					\$10,569,000	\$53,218,000	\$112,448,000	\$194,251,500	\$266,121,000
Fruits & Nuts	\$1,210,000	\$910,424	\$6,359,456	\$19,176,300	\$16,847,000	\$83,874,000	\$260,420,000	\$451,625,000	\$987,693,000
Field crops	\$3,056,500	\$5,518,000	\$9,084,404	\$18,904,700	\$17,348,600	\$43,104,000	\$18,523,000	\$11,237,300	\$15,230,000
Dairy & Livestock	\$4,526,000	\$3,189,901	\$11,237,510	\$18,038,259	\$35,033,000	\$100,029,000	\$97,922,560	\$40,704,850	\$49,893,000
Apiary	\$25,000	\$9,838	\$2,460	\$18,765	\$28,000	\$54,125	\$80,780	\$52,550	\$242,000

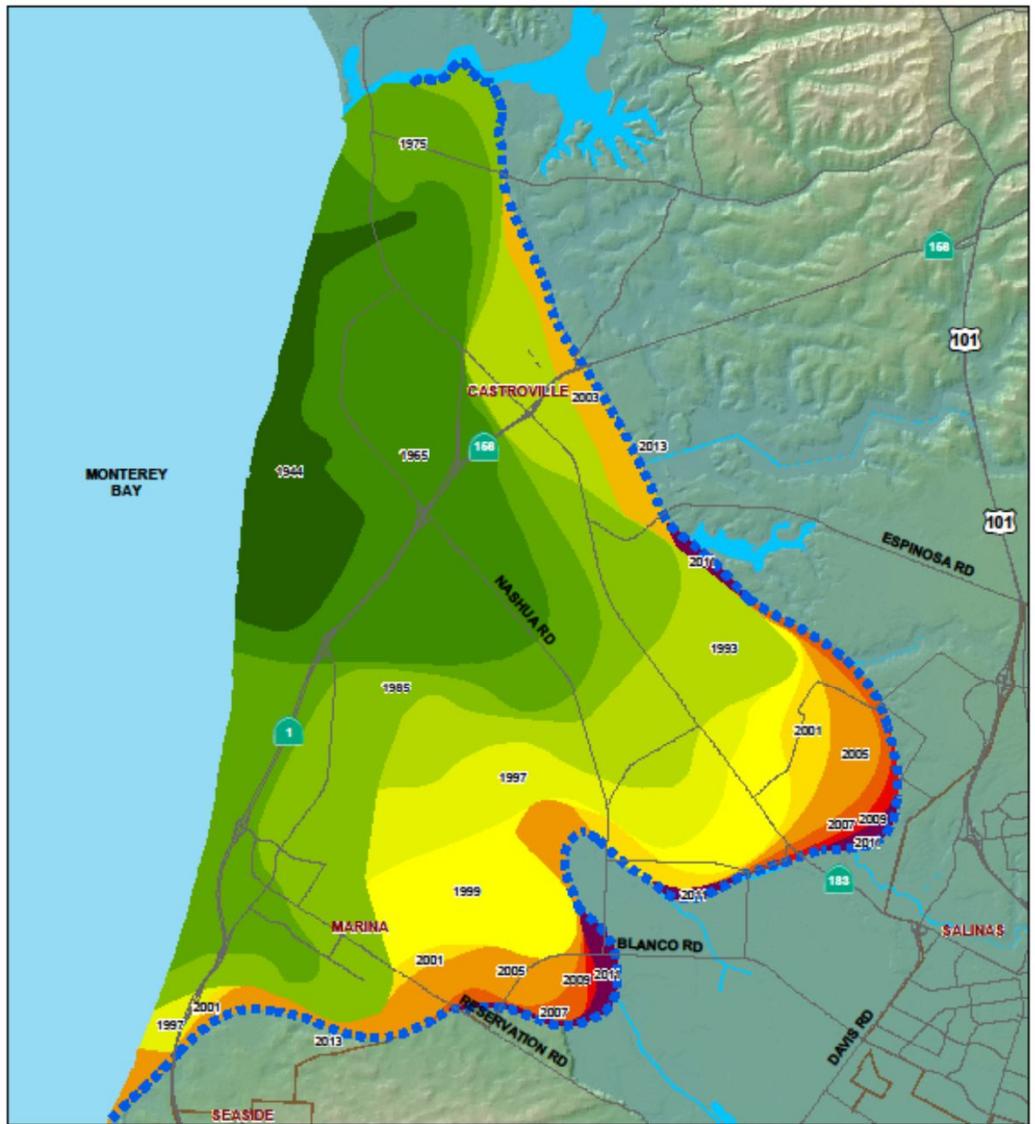
Creation of Monterey County Water Resources Agency 1947

- Sec. 22. Studies; groundwater basins; seawater intrusion; extraction prohibition. If, at the conclusion of the hearing, the Board determines that a threat of seawater intrusion exists which will be aggravated by continued groundwater extraction within a given area and depth, the Board may adopt an ordinance prohibiting the further extraction of groundwater from the area and depth so defined.
- (d) (1) Store water in surface or underground reservoirs within or outside the Agency for the common benefit of the Agency of any zones affected.
- (8) Prevent contamination, pollution, or otherwise rendering unfit for beneficial use the surface or subsurface water used or useful in the Agency, and commence, maintain, and defend actions and proceedings to prevent any interference with those waters which endangers or damages the inhabitants, lands, or use of water in, or flowing into, the Agency.



Mission: Monterey County Water Resources Agency
Manages, Protects, and Enhances the Quantity and Quality of
Water and Provides Specified Flood Control Services for
Present and Future Generations of Monterey County.

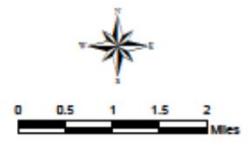




Historic Seawater Intrusion Map
 Pressure 180-Foot Aquifer - 500 mg/L Chloride Areas

- | | | |
|----------|--------|--------|
| □ Cities | ■ 1993 | ■ 2005 |
| ■ 1944 | ■ 1997 | ■ 2007 |
| ■ 1965 | ■ 1999 | ■ 2009 |
| ■ 1975 | ■ 2001 | ■ 2011 |
| ■ 1985 | ■ 2003 | ■ 2013 |

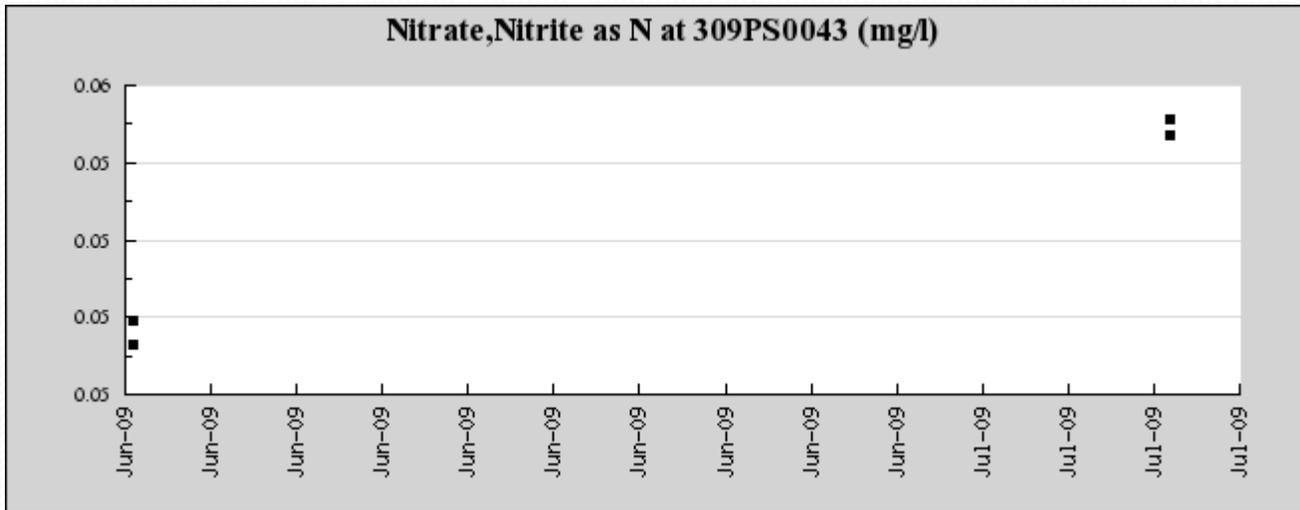
* Seawater Intruded Areas By Year



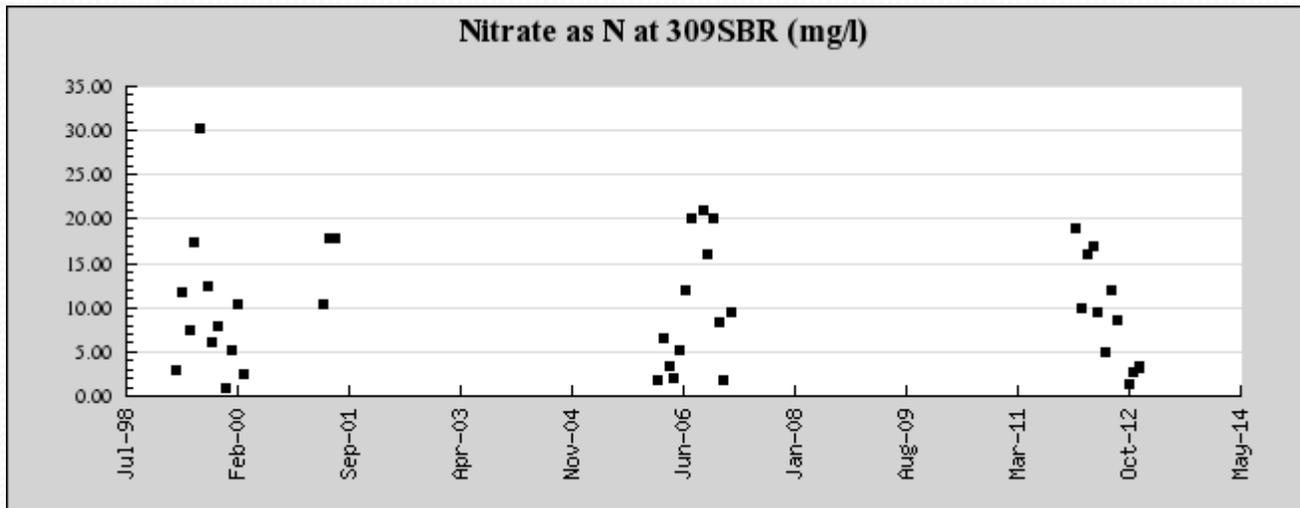
Note: The scale and configuration of all information shown herein are approximate and are not intended as a guide for survey or design work. Contour lines are drawn from best available data.

Map Date: December 16, 2014

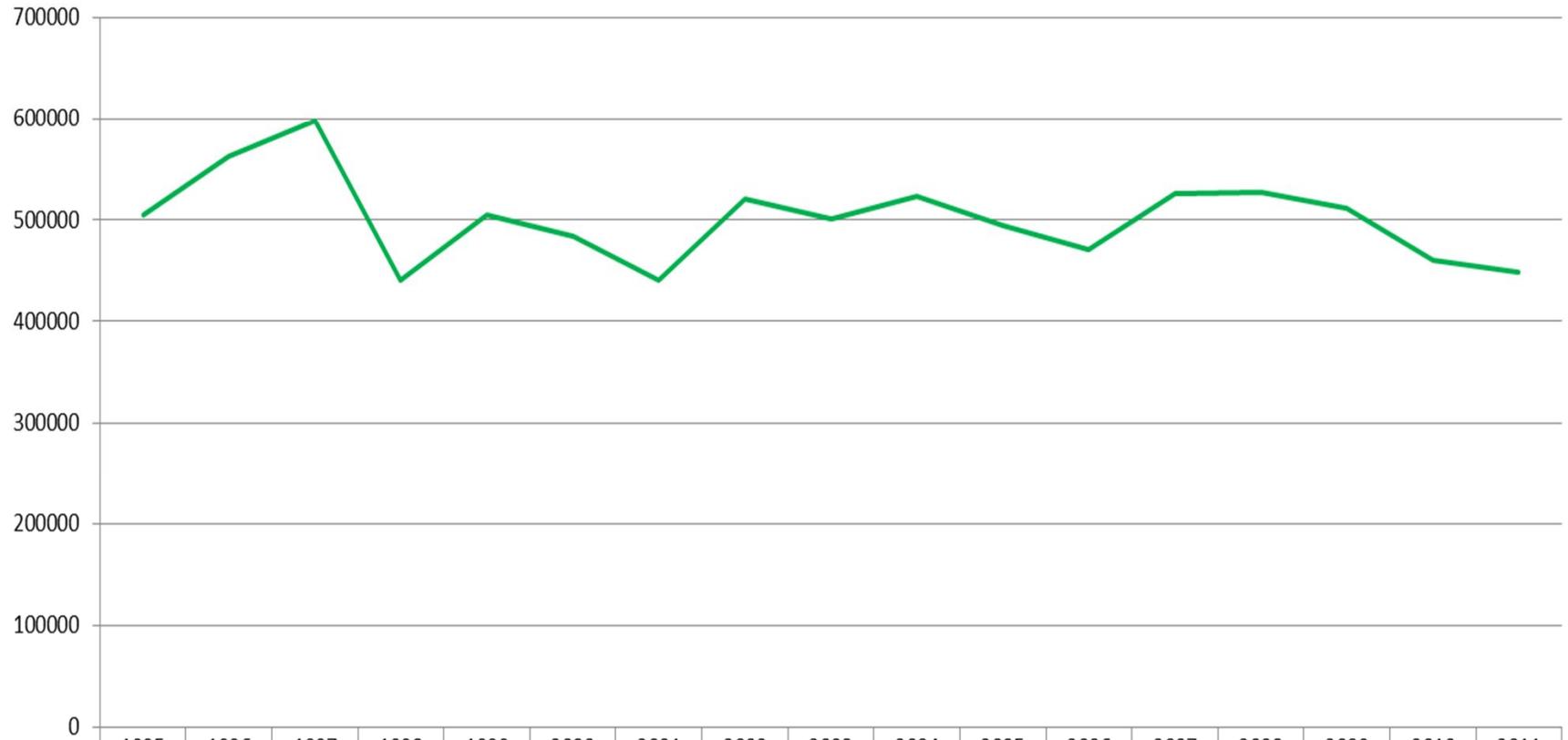
Nacimiento River below Reservoir



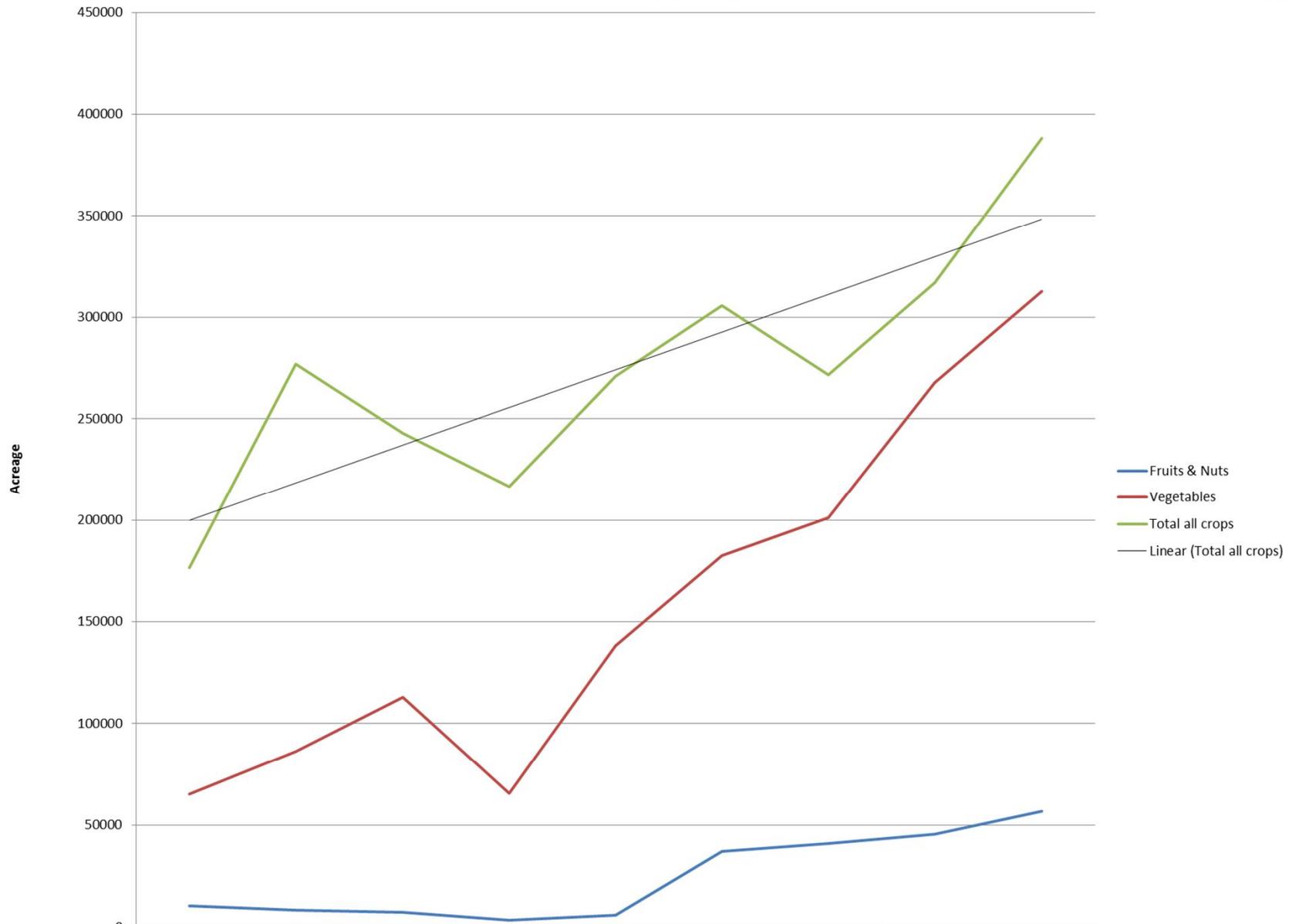
Salinas River below Highway 1 Bridge



Acre-Feet Pumped



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Acre-Feet Pumped	504512	563438	598139	441048	504567	484354	441276	520202	501336	524114	494046	471240	525595	527171	511224	460443	448584



	1930	1940	1950	1960	1970	1980	1990	2000	2010
Fruits & Nuts	10550	8294	7285	3369	5778	37200	40864	45458	56,768
Vegetables	65250	86235	113009	65423	138164	182330	200967	267669	312691
Total all crops	176340	277047	242954	216686	270887	305585	271583	316839	388219

PureWater Monterey

- **Collects Waste Water and Summer Stormwater**
- **Delivers ~3500 acre feet of water for groundwater replenishment into the overdrafted Seaside Basin**
 - **Water is treated to better than drinking water standard**
- **Delivers ~4500 acre feet of “recycled water” to CSIP and for agriculture.**

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 - **Blends less treated wastewater (leaving nitrates and pesticides);**
 - **With disinfected Salinas River Water**

- 
- **You have no guarantee that ANY problem will be solved other than agricultural water supply with polluted water.**
 - **You have 68 years of experience that conditions will actually get worse**

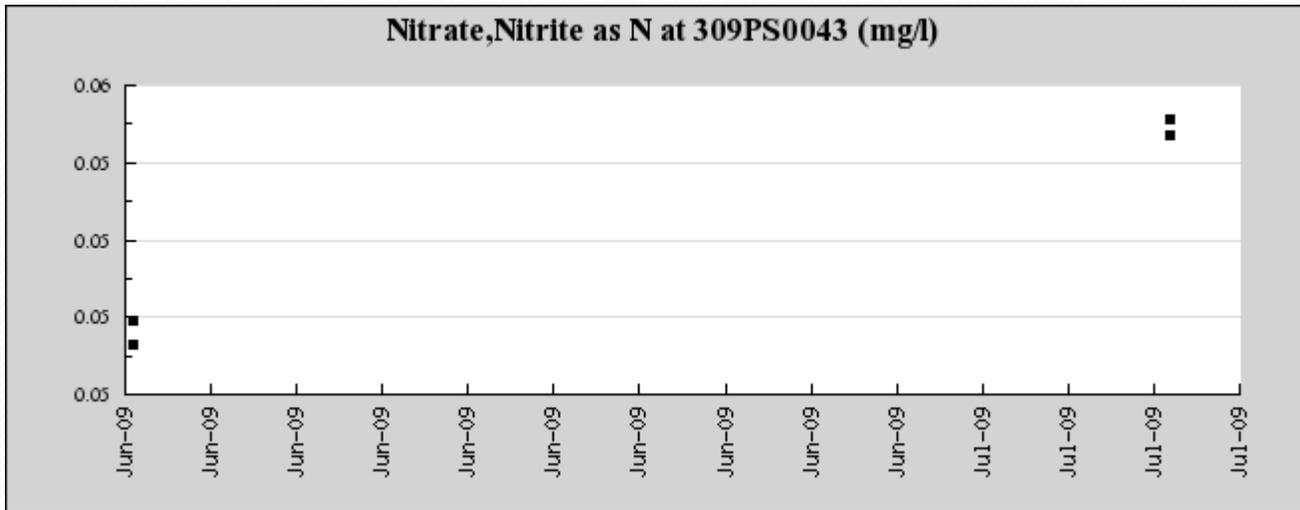
Recommendation / Solution

- **Require treatment of all water to Groundwater Replenishment Standard.**
- **And/Or Place Restrictive WDRs on**
 - **Blanco Drain**
 - **Reclamation Ditch**
 - **Salinas Industrial Ponds**
 - **CSIP**
 - **Salinas Valley Water Project**

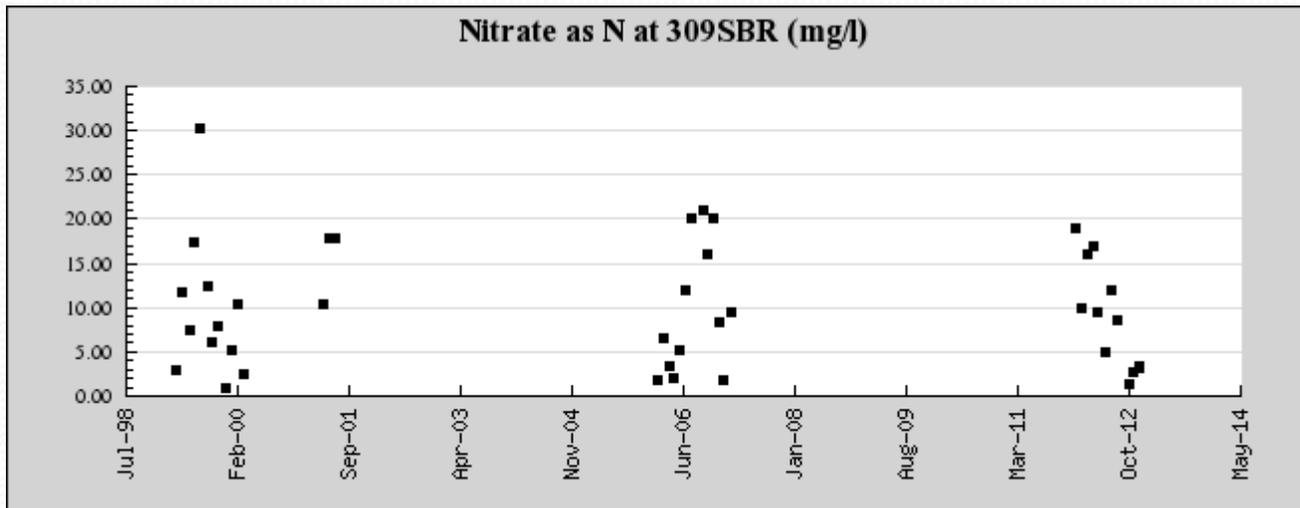
What is the resistance?

- **Growers want cheap water**
- **Growers do not want to pay the true cost of water**

Nacimiento River below Reservoir



Salinas River below Highway 1 Bridge





01.29.2009



09.15.2009



Item No. 16 Presentation
September 24, 2015
The Otter Project and Monterey Coastkeeper

