

Santa Clara Valley

WATER & LIVING IN A DESERT

Recycled WaterS Disposition

11 July 2013 – SC

Dr. Tom Williams, UCB '78

WHO IS Dr. Tom??

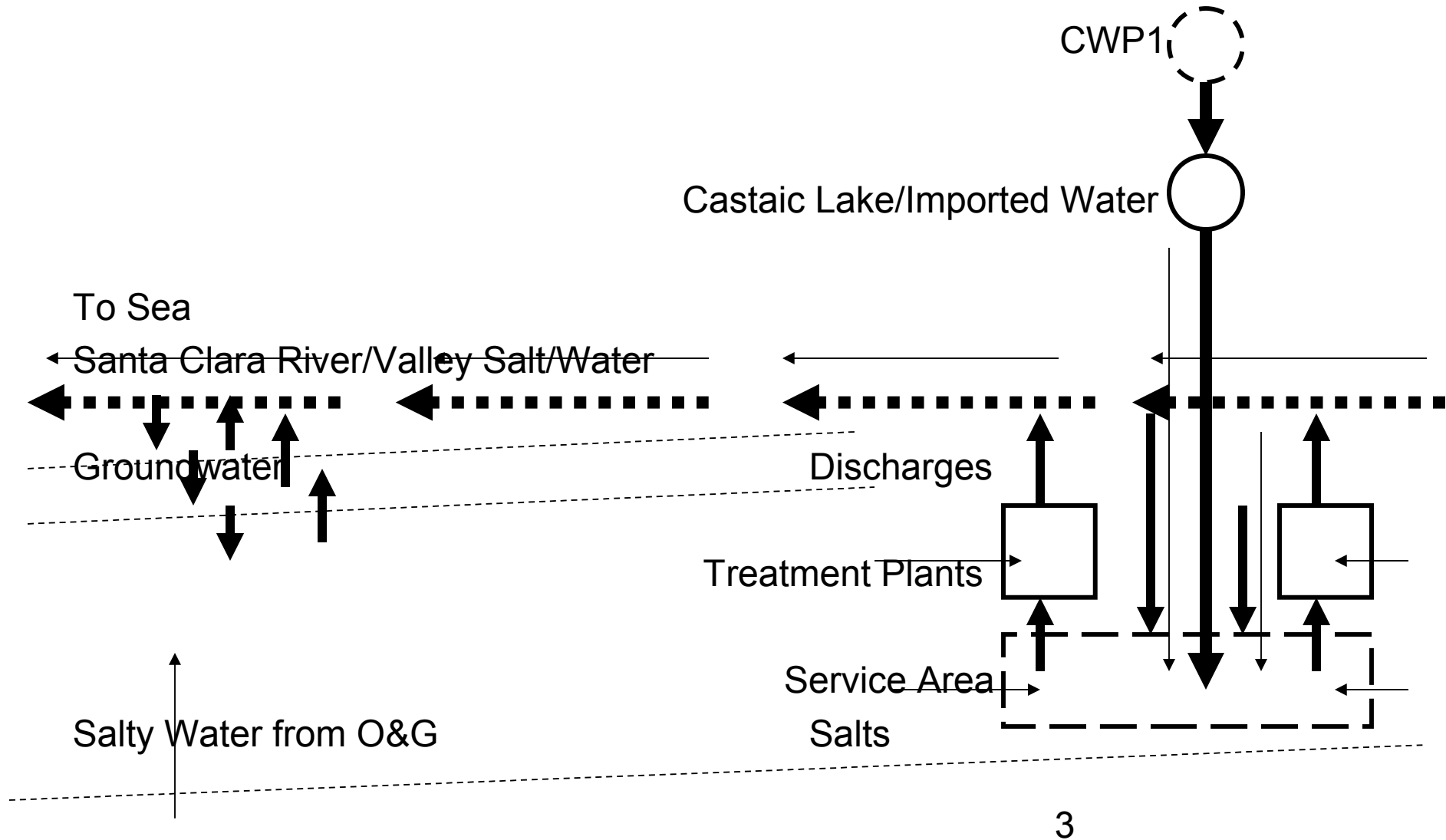
- Grew up in Kansas - Oil/Gas, Tornadoes, Floods/Droughts, & Fossils
- Remember WWII, Korea, Nam...First family member to go to College
- Went to Africa, India, Pakistan, Afganistan, Iran, and Europe
- Went to UC Berkeley-PhD 1967-78 - Yeah Tear Gas isn't really bad

- Finally had to really work - URS, Parsons, ERM,.....Dubai World-40 yrs
- Did my first EIR/CEQA in 1972-73, then 300+ EIRs, EISs, EAs....by 2000
- Enginr., Scient., Environ.Specialist, Project Mngr., "Technical Advisor"
- Around the World in 11,000 days via Orient, Russia, Mongolia, Southeast Asia, Majuro-Isld, Iran, Kuwait, Bahrain, Saudi, Bahrain, Qatar, UAE, Oman, Syria, Jordan, Djibouti...

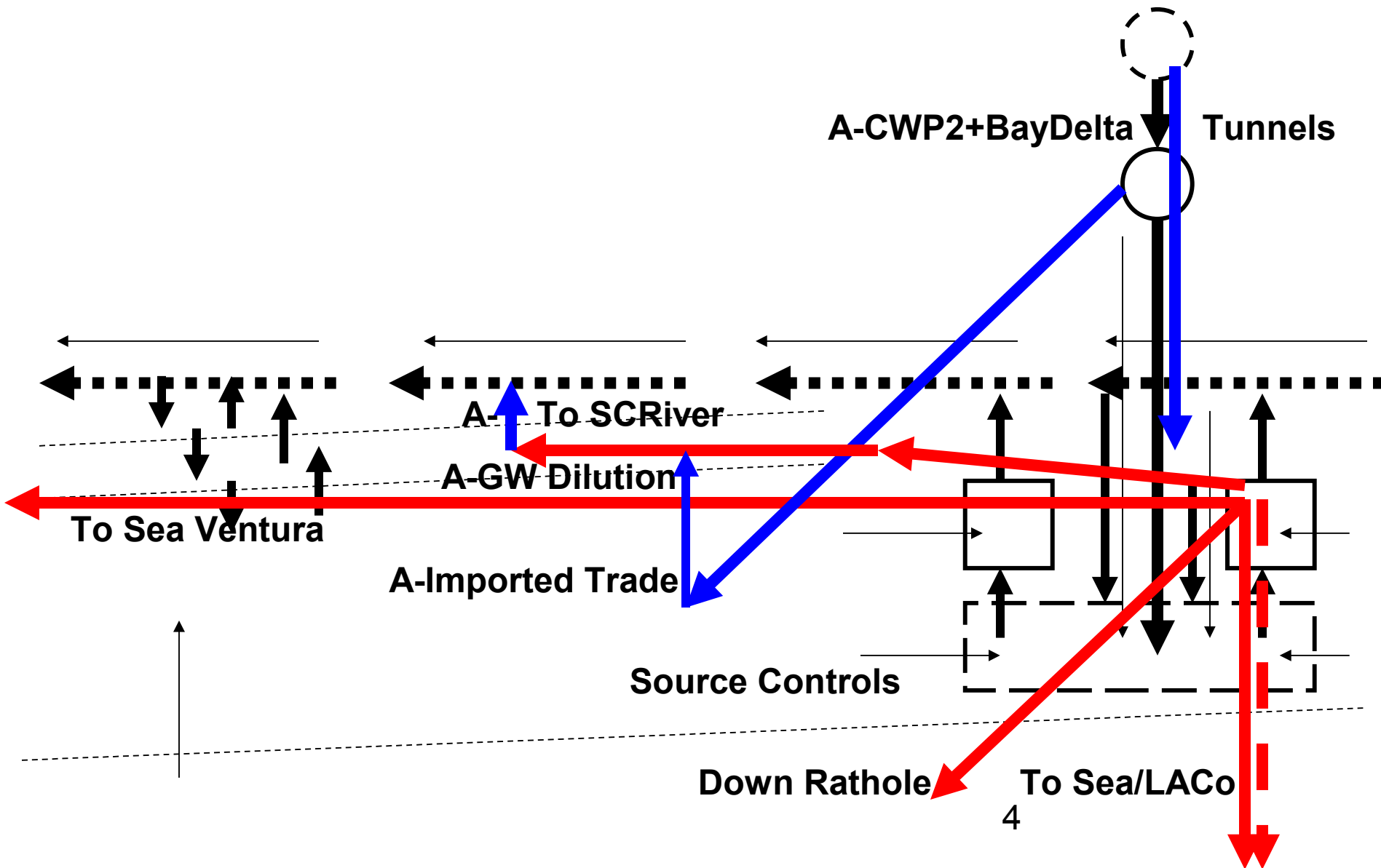
- “Retired” - Kind Of – A Techie with Attitude
- Helping Sierra Club/Others in Oil/Gas, Geology, Seismology, Air Pollution, Water, Transportation, and EIRs and many others
- Also into Cal.Native Plants, Wetlands, Fossils, & Arab Spring/Year
- Know some Spanish, Russian, French, Chinese, Arabic, Indonesia,....

- A WONDERFUL LIFE

Basic Water/Salt Cycle



Brine/Reject Alternatives



ALTERNATIVES – SCV

Pocket Book \$\$ vs Bay-Delta/SacValley Sierra Dams CWPX

- 1. To Sea – Ventura T2CV**
- 2. To Sea – LA-SanPedro T2CLA**
- 3. To SCR - Dilution Water S2PDIW**
- 4. To Local Geo-Rathole - T2R/DWI**
- 5. From Source Controls ConsContrlConsid**

Purposes and Needs

- **Goal** - Make Plan/Meet Objectives
in **cost-effective**/environmentally sound manner.

Facilities Plan Objectives/Evaluation Criteria:

- *Cost Effective, Institutionally feasible,*
- *Previous Compliance demonstrated/achieved*
- *Operational "Considerations", **Public Acceptability***
- Comply with Chloride TMDL for SCV treatment/discharge facilities
Provide chloride compliance/removal facilities/programs
- *Meet compliance deadline*
- Conserve area for future VWRP Stage VI expansion
Use available land ROWs, Can be constructed and expanded,
- Provide treatmt./discharg. program for recycled reuse opportunities
and supportive
- Protect Beneficial Uses of SCRiver
- *Environmentally Sound*

BACKGROUND

- **We live in a DESERT –**
Rainfalls - Bakersfield-6.5, Victorville-6.2, Lancaster/Palmdale-7.4
- **Not living within our local WATER Resources**
- don't want to live on our rain water (450gal/acre-day)
- **Don't want to PAY for our decisions to LIVE HERE**
- **Don't want to use our RECYCLED Water**
- **Don't care about Bay, DELTA and Sac/Sierra Rivers**
- **Global Warming/Climate Change is HERE NOW**
- **Are caught between the Desert & Strawberries/SCR**

DEIR COMMENTS

- ***EIR is Incomplete, Inadequate and Non-Objective***
- ***Purposes and Needs***
 - No quantitative or scheduled needs***
 - No definition of Cost-Effective, Sound, Acceptable,***
- ***Project Description***
 - Salt Balance and Cycle***
- ***Alternatives***
 - DWI at Saugus or Valencia WWTF***
- ***Environmental Setting - Existing - No 2010 Census Summary***
 - Future - 2035/40 - No reference to SCAG***
- ***Environmental Impacts – Direct/Cumulative/Secondary Impacts***
 - Upstream/Downstream - SCAG, MTA, CWP/BD Commission***
- ***Mitigation and Mitigation-Monitoring-Reporting Program***
 - Who is responsible and when***
- ***WHAT DO YOU THINK - WANT TO FIGHT FOR??***