Options: Where Do We Put the Salt?

San Diego Region
and Statewide Issues

Originally Developed
Under a Contract from

Statewide SALT Issues
Salt Accumulation in Central Valley

- Recent analysis indicate greater than 15.5 million tons per year of salt are brought into or mobilized in the Central Valley.
- By 2030 this will increase by over 1 million tons per year.
- Impacts will result in over $1 Billion per year in 2030.

Water/Salinity Players

- Water Providers
- Wastewater Treatment
- Consumptive Users
- Public Benefit

All must be engaged in the solutions.
CV SALTS Group as Now Organized

Task Force and Cooperative Stakeholder Groups
Acts as Coordinator for Regional Groups

- Central Valley RWQCB
- Salinity Task Force Members
- Technical Studies Science
- Economic Feasibility
- Planning and Monitoring
- Education and Outreach
- Regional Groups North
- Technical or Industry
- Regional Groups San Joaquin
- Regional Planning Groups
- Regional Groups Tulare

Salt Load

- Baseline Plan
- Early Permits
- Guideline
- Enforcement
- Long Term Solution

Regulation

Current Status Quo

Long Term Future

Time

Regulated Community Efforts
Salinity Impacts California’s Economy; Not Just Ag or Rural and Inland Areas
In what area do you work?

1) Government Local 28%
2) Government State or Federal 13%
3) Agriculture 8%
4) Manufacturing/Business 31%
5) Other 20%

What role do you serve related to salinity?

1) Wastewater management 27%
2) Water management 13%
3) Industrial or business 25%
4) Regulatory or government 20%
5) Other 15%
Which salt management option do you know the most about?

1) Brine lines
   - Sacramento Results
   - 8%

2) Reverse osmosis
   - 46%

3) On farm management
   - 10%

4) Deep well injection
   - 3%

5) Evaporation/precipitation
   - 33%
Growth as an Answer

• If we are committed and prepared can the same growth that increased salts provide the solutions?
• If growth does not pay will current residents and Businesses be able to fund the costs?

How do you think the cost of salinity management should be allocated?

1) Per capita 28%
2) Based on salt used or generated 54%
3) Weighted to growth 18%
4) Weighted to business 0%
5) Weighted to industry 0%