

Agricultural Water Use Survey in the Lower San Joaquin River Basin

1. Approximately, how many irrigable acres does the District service?
_____ acres
2. What sources of water does the District use to serve its agriculture customers?
SJR DMC Merced R Tuolumne R Stanislaus R groundwater other _____
3. What is the make-up of delivered water to agricultural customers:
In a typical year?
SJR ___ % *DMC* ___ % *Sierra water* ___ % *groundwater* ___ % *other* ___ %
In a dry year?
SJR ___ % *DMC* ___ % *Sierra water* ___ % *groundwater* ___ % *other* ___ %
In a wet year?
SJR ___ % *DMC* ___ % *Sierra water* ___ % *groundwater* ___ % *other* ___ %
4. Does the salinity of the District's water sources vary with time of year, and if so, how?
yes no Brief description of how: _____
5. Does the District blend lower San Joaquin River water with other waters to control salinity of irrigation water?
yes no If yes, would you elaborate? _____
6. Do District's customers blend lower San Joaquin River water with other waters to control salinity of irrigation water?
yes no If yes, would you elaborate? _____
7. Do District customers avoid irrigation with San Joaquin River water during crop germination?
yes no If yes, which crops? _____
8. Does the District have the ability to offer water of varying salinity to its customers?
yes no If yes, would you elaborate? _____
9. Does the District know if its customer's crop choices are influenced by the salinity of water?
yes no Examples? _____
10. Approximately how many acres within the District are utilized for permanent crops?
Currently _____ acres
About 10 years ago _____ acres
About 20 years ago _____ acres
11. What are the District customer's most salt sensitive crops?
In the last 10 years or so: _____
Greater than 10 years ago: _____
12. What can the District tell us about its customers leaching for salinity control?

13. Approximately how much water is used for pre-irrigation?
14. Does the District have guidance or incentives regarding pre-irrigation? Are growers responsive?
15. Has the cropping pattern changed in the District in the last 5-10 years?
16. Are there any industrial water users or dischargers?

17. Is industrial supply water discharged to District channels? If so, how is the discharger regulated and what is their salinity objective.
18. Does the District deliver a specified amount of water for a public trust resource? Do the deliveries address any salinity issue? If so, how much water is used?
19. Is the water quality of return flows from public trust resources (e.g. wetlands) a concern for the District?
20. Does the District currently have a reversible or irreversible land subsidence issue? If so, is the District required to take action to slow or reverse subsidence? If so, do the actions impact the District's ability to manage salt?
21. Does the District engage in aquifer recharge? If so, how much water is used to recharge?
22. Does the District participate in a regional groundwater management program?
23. Is the salinity of the water used for recharge higher or lower salinity than the groundwater being recharged?
24. How much water is lost by the District through seepage and by inefficient irrigation practices? What is the salinity of the water lost to seepage? To inefficient irrigation practices?
25. Does the District attempt to minimize losses through active means such as piping or subsidizing efficient irrigation systems for their customers?
26. Is the District responsible for flood control? If so, how much water is released from impoundments in wet years and dry years?