

SSALTS Tasks 1.1 - List of Relevant Literature Found
(8.5" x 11)

ID	Document Name	Author/Group	Year Published	Geography	SSALTS Relevance (Data/Cost/Alternative/Guide/Information/Other)	Overview Summary
A	CV-SALTS Management Practice Screening Tool Outline: Preliminary Draft	BMP Subcommittee	December 2011	Central Valley	Other (Checklist)	Checklist for developing/reviewing salinity management practices
B	CV-SALTS Salt and Nitrate Sources Pilot Implementation Study Report	Larry Walker Associates	Feb-10	Central Valley	Guide	Pilot study to provide guidance in development of salt & nutrient management plans. The study looked at the areas around Yolo, Modesto, and Tule River and their corresponding salt sources and sinks
C	The Economic Impacts of Central Valley Salinity	UCD	March 2009	Central Valley	Cost	Study on economic impacts of increasing salinity in the Central Valley to 2030.
D	California Water Plan Update 2009, Volume 2. Resource Strategies, Chapter 18, Salt and Salinity Management	California DWR	2009	California	Guide/Alternative	Chapter in Water Plan that discusses problems with salinity and potential options for managing it
E	Salinity in the Central Valley: An Overview	Central Valley RWQCB	May 2006	Central Valley	Guide	Discussion of salinity issues in the Central Valley and potential solutions
F	San Luis Drainage Feature Re-evaluation Final EIS	Reclamation	May 2006	San Joaquin River Basin	Alternative/Cost	An EIS/R on alternatives to provide agricultural drainage to the San Luis Area. Alternatives include: in-valley disposal (treatment/evapo basins/pipelines); land retirement; ocean disposal; and specific disposal sites. Data in appendices include cost and engineering information
G	A Management Plan for Agricultural Subsurface Drainage and Related Problems on the Westside San Joaquin Valley	San Joaquin Valley Drainage Program	September 1990	San Joaquin River Basin	Alternative	Plan for managing salinity in the San Joaquin Valley. Components include: source control, drainage reuse, evaporation, land retirement, and groundwater management.
H	Water Quality for Agriculture	FAO	1985	World-wide	Guide	Discusses water quality issues with irrigated agriculture and management options for addressing them.
I	City of Dixon: Source Control Effectiveness Report	City of Dixon	January 2012	Sacramento River Basin	Data	Report on the effectiveness of the City's Salinity Reduction Program
J	City of Dixon: Groundwater Evaluation Report	City of Dixon	January 2012	Sacramento River Basin	Data	Water quality data obtained from groundwater monitoring wells in the city.
K	City of Dixon: Wastewater Salinity Characterization and Regulatory Compliance	City of Dixon	October 2008	Sacramento River Basin	Data	Study on salinity issues in the City's wastewater system.
L	Grassland Bypass Project Update 2008-09	Eacock M; Quinn, N	Jan 2008-Dec 09	San Joaquin River Basin	Data	Comparison of salt loads discharged by Grassland Bypass Project with expected loads absent the project
M	Final EIS/EIR Grassland Bypass Project			San Joaquin River Basin	Alternative	EIS/R on Grassland Bypass Project
N	Hilmar Supplemental Environmental Project		November 2007	San Joaquin River Basin	Alternative	Study on the impacts the food processing industry has on salinity discharge and an analysis (both economic and engineering) on land application, deep well injection, in-plant and regional treatment measures, and a brine line
O	Agricultural Drainage Control Project	Stevinson Water District	June 2010	San Joaquin River Basin	Alternative	Project to reduce salt in San Joaquin River by the construction of artificial wetlands and ancillary facilities to control discharges of agricultural drainage and stormwater to the River
P	Westside Regional Drainage Plan	SJR Exchange Contractors Water Authority	May 2003	San Joaquin River Basin	Alternative	Summary of projects to reduce salinity in the westside of the San Joaquin Valley
Q	Real-Time Water Quality Management in Grassland Water District	Quinn, Nigel	November 2004	San Joaquin River Basin	Alternative	Report on the concept of real-time management of the San Joaquin Basin by developing an application to drainage of seasonal wetlands in the Grasslands Water District
R	Land Retirement Demonstration Project	USBR	September 2005	Central Valley	Alternative	Study on impacts due to retirement of irrigated lands in the Central Valley to reduce drainage, enhance fish and wildlife, and make water available for other CVPIA purposes.
S	Relation of Salinity and Selenium in Shallow Ground Water To Hydrologic and Geochemical Processes, Western San Joaquin Valley, California	USGS	1988	San Joaquin River Basin	Information	Report on sources of salinity and selenium in the central valley
T	In Situ Volatilization of Selenium II. Evaporation Ponds	San Joaquin Valley Drainage Program	1989	Central Valley	Alternative	Study on the operation of evaporation ponds used to reduce selenium in agricultural drainage.
V	Algal-Bacterial treatment facility removes selenium from drainage water	Quinn, Lundquist, Green, Zarate, Oswald, Leighton	2000	San Joaquin River Basin	Alternative	Study on algal-bacterial selenium removal from agricultural drainage using ponds. Study found that nitrate was reduced by 95% and total soluble selenium was reduced by 80%. For a 10-acre-foot a day facility would cost less than \$200 per acre-foot of treated drainage water.

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W	Selenium Removal From Agricultural Drainage Water: Lab Scale Studies	DWR	2004	San Joaquin River Basin	Alternative	Study on selenium removal using activated carbon and other synthetic materials. Study found that gamma alumina removed selenite up to 99%.
X	Evaporation Ponds	San Joaquin Valley Drainage Program	1999		Alternative	Study on impacts of evaporation ponds on water birds and other treatment technologies that could be used to reduce saline concentration levels to not impact wildlife
Y	A Landowner's Manual Managing Agricultural Irrigation Drainage Water: A Guide for Developing Integrated On-Farm Drainage Management Systems	Westside Resource Conservation District	2004	Central Valley	Alternative	Provides detailed information on implementing an IFDM system for agricultural purposes
Z	Grasslands Bypass Project Annual Report 2001-2002		2002	San Joaquin River Basin	Alternative	Provides details on performance of the project
AA	Red Rock Ranch: Integrated On-Farm Drainage Management System Low-Pressure Center Pivot Sprinklers Minimum Tillage	California Water Stewards		San Joaquin River Basin	Alternative	Provides overview of Red Rock Ranch and the implementation of IFDM
BB	CLFP Manual of Good Practice for Land Application of Food Processing/Rinse Water	Brown & Caldwell	2007	Central Valley	Guide	Guidance on designing and operating land application systems for food process/rinse water.
CC	Survey of Water use in The California Food Processing Industry	Mannapperuma, JD; Yates, ED; Paul Singh, R	1993	Central Valley	Information	Study on quantity & cost of fresh water supply and wastewater quality and disposal