

West San Jacinto Groundwater Basin Management Plan

2008 Annual Report



October 2009

**Eastern Municipal Water District
Water Resources Management Department
Perris, California**

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Acknowledgments

The success of the West San Jacinto Groundwater Management Plan and its implementation efforts are the direct result of the cooperative effort between the private and public groundwater producers in the management plan area.

Sincere thanks are extended to all the groundwater producers who participated in the groundwater monitoring programs. Without their cooperation, the successful implementation of the plan would not be possible.

The Advisory Committee members have been generous in providing their time, expertise, and knowledge.

The members of EMWD's Board of Directors are thanked for their vision and support.

Abbreviations

AF	Acre feet
AF/Y	Acre feet per year
Ag	Agricultural
AGWA	Association of Groundwater Agencies
ASR	Aquifer Storage and Recovery
Ca	Calcium
CaCO ₃	Calcium carbonate
CEQA	California Environmental Quality Act
Cl	Chloride
CO ₃	Carbonate
EMWD	Eastern Municipal Water District
EVMWD	Elsinore Valley Municipal Water District
F	Fluoride
GIS	Geographic Information System
gpm	Gallons per minute
GPS	Global Positioning System
GW	Groundwater
HCO ₃	Bicarbonate
Irrig.	Irrigation
K	Potassium
MAFB, MARB	March Air Force Base, March Air Reserve Base
MCL	Maximum Contaminant Level
M&I	Municipal and Industrial
Mg	Magnesium
MGD	Million gallons per day
mg/L	Milligrams per liter
MVRGC	Moreno Valley Ranch Golf Course
MV RWRF	Moreno Valley Regional Water Reclamation Facility
MWD	Metropolitan Water District of Southern California
N	Nitrogen
ND	None Detected
Na	Sodium
Nitrate-NO ₃	Nitrate as nitrate
NO ₃ -N	Nitrate as nitrogen, also Nitrate-N or Nitrate-nitrogen
NPDES Permit	National Pollution Discharge Elimination System Permit
PV RWRF	Perris Valley Regional Water Reclamation Facility
RWQCB	Regional Water Quality Control Board
RWRF	Regional Water Reclamation Facility
SAWPA	Santa Ana Watershed Project Authority
SJ	San Jacinto
SJLP	San Jacinto Lower Pressure Management Zone
SO ₄	Sulfate
SPW	State Project Water
TDS	Total dissolved solids; also TFR, total filterable residue
TIN	Total inorganic nitrogen
TVRI	Temescal Valley Regional Interceptor
TV RWRF	Temecula Valley Regional Water Reclamation Facility
UCR	University of California, Riverside
USGS	United States Geological Survey