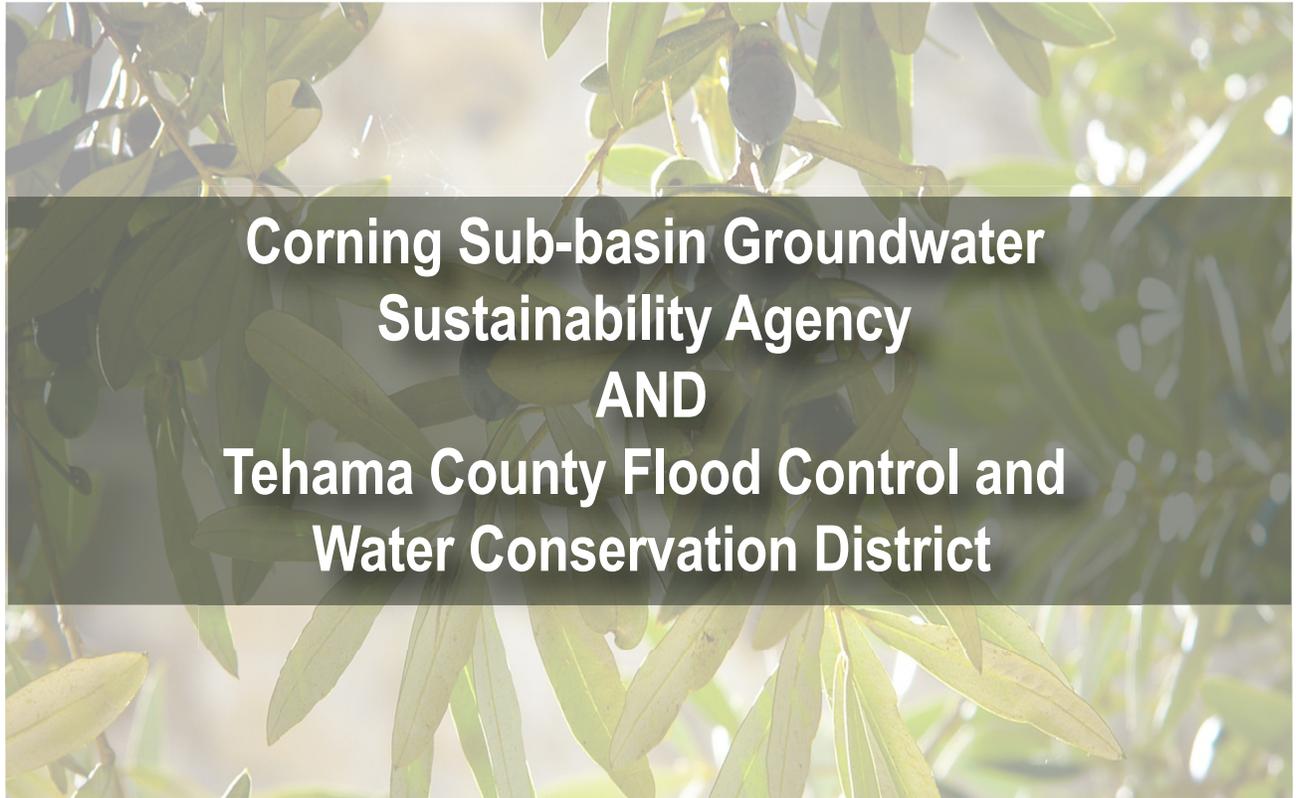


# Corning Subbasin Groundwater Sustainability Plan



Prepared by:



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## ACRONYMS & ABBREVIATIONS

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μS/cm	microsiemens per centimeter
Advisory Board or CSAB	Corning Subbasin Advisory Board
AEM	Airborne Electromagnetic
AF	acre-feet / acre-foot
AF/yr	acre-feet per year
amsl	above mean sea level
APN	Assessor Parcel Number
AWMP	Agricultural Water Management Plan
Basin Plan	Water Quality Control Plan for the Sacramento San Joaquin River Basins
bgs	below ground surface
BLM	Bureau of Land Management
BMO	Basin Management Objective
BMP	Best Management Practice
Board of Directors	Tehama County Board of Directors
Brown Act	Ralph M. Brown Act
Bulletin 118	Bulletin 118 – 2016 Update
C&E Plan	Communications & Engagement Plan
C2VSimFG	California Central Valley Groundwater Surface Water Simulation Model Fine Grid
Cal-IPC	California Invasive Plant Council
CASGEM	California Statewide Groundwater Elevation Monitoring
CCR	California Code of Regulations
CDEC	California Data Exchange Center
CDFW	California Department of Fish and Wildlife
CDP	census-designated places
CDPH	California Department of Public Health
CDPR	California Department of Parks and Recreation
CEQA	California Environmental Quality Act
cfs	cubic feet per second
Chico State	California State University, Chico
CNDDDB	California Natural Diversity Database
Commission	Tehama County Flood Control and Water Conservation District Groundwater Commission
CSD	Community Services District
CSGSA	Corning Sub-basin GSA
CVP	Central Valley Project
CVPIA	Central Valley Project Improvement Act

CVRWQCB .....	Central Valley Regional Water Quality Control Board
CV-SALTS .....	Central Valley Salinity Alternatives for Long-term Sustainability
CWC .....	California Water Code
DAC .....	Disadvantaged Community
DDW .....	Division of Drinking Water
DFW .....	Department of Fish and Wildlife
DMS .....	Data Management System
DPR .....	Department of Pesticide Regulation
DPW .....	Department of Public Works
DTSC .....	California State Department of Toxic Substances Control
DWR .....	California Department of Water Resources
EC .....	electrical conductivity
EDF .....	Environmental Defense Fund
ET .....	evapotranspiration
F .....	Fahrenheit
Flood-MAR .....	Flood-Managed Aquifer Recharge
GAMA .....	Groundwater Ambient Monitoring and Assessment
GAR .....	Groundwater Quality Assessment Report
GCBS .....	Glenn County Board of Supervisors
GCID .....	Glenn-Colusa Irrigation District
GCWAC .....	Glenn County Water Advisory Committee
GDE .....	groundwater dependent ecosystem
GSA or Agencies .....	Groundwater Sustainability Agency
GSP or Plan .....	Groundwater Sustainability Plan
HCM .....	Hydrogeologic Conceptual Model
HMP .....	Hazard Mitigation Plan
iGDE .....	indicators of Groundwater Dependent Ecosystem
ILRP .....	Irrigated Lands Regulatory Program
InSAR .....	Interferometric Synthetic Aperture Radar
IPCC .....	Intergovernmental Panel on Climate Change
IWFM .....	Integrated Water Flow Model
LUST .....	leaking underground storage tank
MAR .....	Managed Aquifer Recharge
MCL .....	Maximum Contaminant Level
mg/L .....	milligrams per Liter
MOA .....	Memorandum of Agreement
MOU .....	Memorandum of Understanding
NAHC .....	Native American Heritage Commission
NCCAG .....	Natural Communities Commonly Associated with Groundwater
NCWA .....	Northern California Water Association

NEPA .....	National Environmental Policy Act
NPDES .....	National Pollution Discharge Elimination System
NRCS .....	National Resources Conservation Service
NSac .....	North Sacramento IWFEM Model
NSV .....	Northern Sacramento Valley
NSV IRWMP .....	Northern Sacramento Valley Integrated Regional Water Management Plan
NWIS .....	National Water Information System
O&M .....	operations and maintenance
OUP .....	Orland Unit Project
Ouwua .....	Orland Unit Water Users' Association
Paskenta Band .....	Paskenta Band of Nomlaki Indians
Paskenta Reservation .....	Paskenta Band of Nomlaki Indians Reservation
PCE .....	Tetrachloroethylene
PLSS .....	Public Land Survey System
PRISM .....	Parameter-Elevation Relationships on Independent Slides Model
PWS .....	potable water system
RCAC .....	Rural Community Assistance Corporation
RCD .....	Resource Conservation Districts
RD 2140 .....	California Reclamation District 2140
Regional Board .....	Central Valley Regional Water Quality Control Board
RMP .....	representative monitoring point
SAFER .....	Water Board Safe and Affordable Funding for Equity and Resilience
SCADA .....	Supervisory Control and Data Acquisition
SGMA .....	California Sustainable Groundwater Management Act
SMC .....	Sustainable Management Criteria
SMCL .....	Secondary Maximum Contaminant Level
SNMP .....	salt and nitrate management plan
SRWA .....	Sacramento River Wildlife Area
SSURGO .....	Soil Survey Geographic Database
Subbasin .....	Corning Subbasin
SVWQC .....	Sacramento Valley Water Quality Coalition
SWRCB .....	State Water Resources Control Board
TAC .....	Technical Advisory Committee
TCC .....	Tehama-Colusa Canal
TCCA .....	Tehama-Colusa Canal Authority
TCE .....	Trichloroethylene
TCFCWCD .....	Tehama County Flood Control and Water Conservation District
TDS .....	total dissolved solids

Tehama GWMP .....	Tehama County Groundwater Management Plan
TNC.....	The Nature Conservancy
Tribal Lands .....	Paskenta Band of Nomlaki Indians Reservation
TSS.....	Technical Support Services
UC Davis.....	University of California, Davis
UCCE .....	University of California Cooperative Extension
UIC.....	Underground Injection Control
USACE .....	United States Army Corps of Engineers
USBR .....	United States Bureau of Reclamation
USDA.....	United States Department of Agriculture
USDI .....	United States Department of Interior
USEPA .....	United States Environmental Protection Agency
USFWS .....	United States Fish and Wildlife Service
USGS .....	United States Geological Survey
UWMP .....	Urban Water Management Plan
VOC .....	volatile organic compound
WDL .....	Water Data Library
WDR .....	Waste Discharge Requirements
WWTP .....	wastewater treatment plant
WY .....	water year