

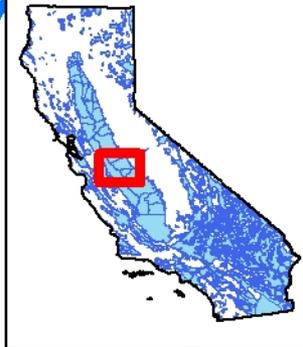
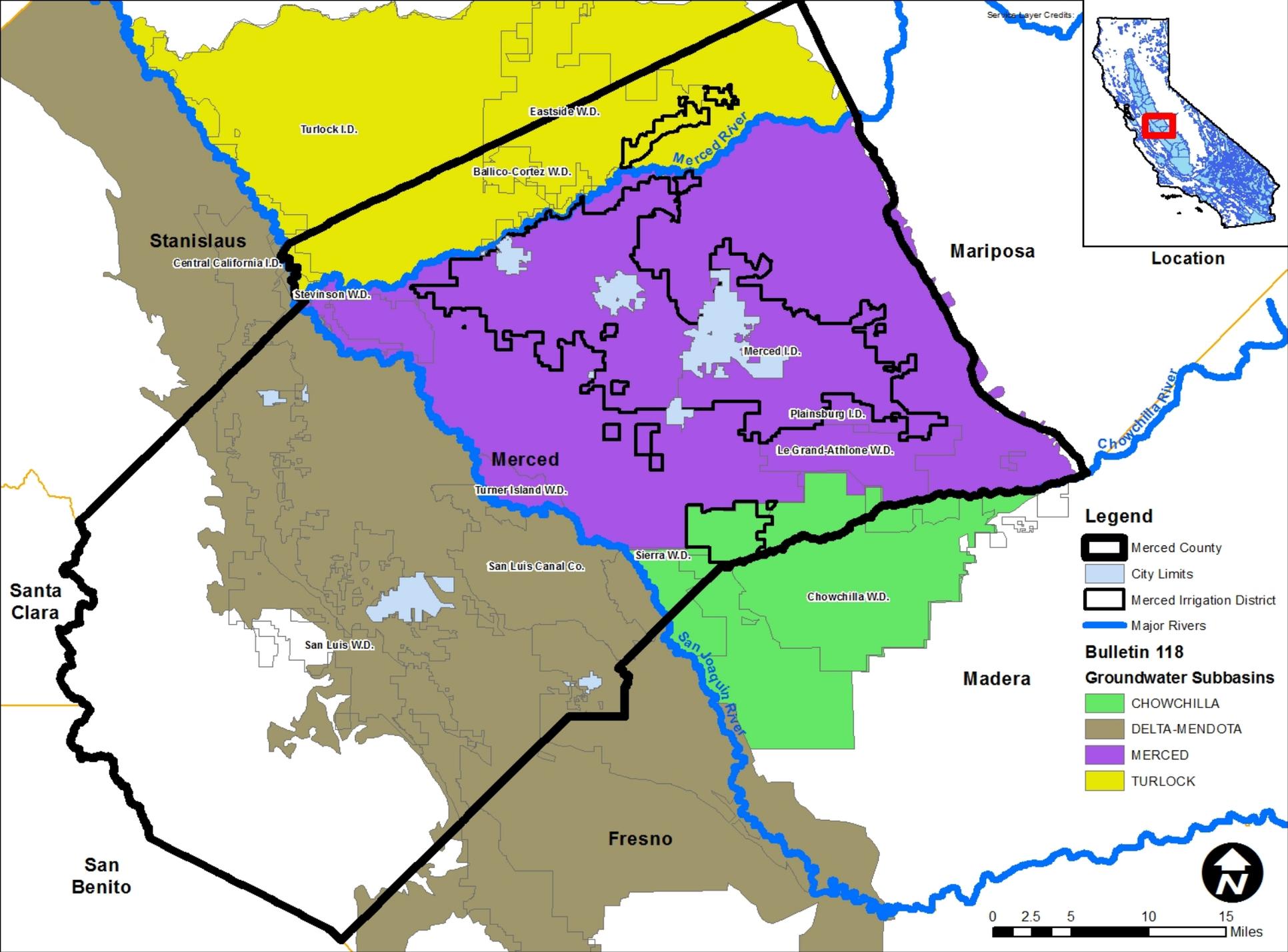
Merced Irrigation District

Merced Groundwater Basin

State Water Resources Control Board
Groundwater Concept Paper Workshop

Wednesday, January 22, 2014

Presented By: Hicham Eltal, Deputy General
Manager Water Rights/Supply



Location

Legend

- Merced County
- City Limits
- Merced Irrigation District
- Major Rivers

**Bulletin 118
Groundwater Subbasins**

- CHOWCHILLA
- DELTA-MENDOTA
- MERCED
- TURLOCK



Stanislaus
Central California I.D.

Santa Clara

San Benito

Turlock I.D.

Eastside W.D.

Ballico-Cortez W.D.

Stevenson W.D.

Merced I.D.

Merced

Plainsburg I.D.

Le Grand-Athlone W.D.

Turner Island W.D.

San Luis Canal Co.

Sierra W.D.

Chowchilla W.D.

San Luis W.D.

Mariposa

Madera

Fresno

0 2.5 5 10 15 Miles

What Are We Doing?

- **Merced ID, County and Cities Working Together**
 - Water Balance
 - Groundwater Model
 - Governance
- **Understand Groundwater Basin Interactions**
 - Surface Water Supplies
 - Reduction in Surface Water Supplies
 - Natural, Direct, In-Lieu Recharge
 - Demand
- **Address Sustainability**

What Would be Helpful?

- **Voluntary Reports on Current Local Efforts/Progress/Expected Sustainable Management**
- **Allow Locals to Complete Process**
- **Financial/Technical Assistance**
 - Assist Locals to Fast Track existing processes
 - Help basins/sub-basins that need it; models, water balances, organization
 - Infrastructure – Help locals improve/add infrastructure to take advantage of wet year surface water supplies

What Would be Harmful?

- **Taking Surface Water Will Harm Conjunctive Management**
 - In-Lieu Recharge is by far the best tool
 - Loss of surface water = loss of sustainability
- **Statewide Regulation Would be Harmful**
 - May compromise local efforts and cooperating agencies will revert to self protection mode
- **One Size Does Not Fit All**
 - Each Basin is ultra unique
 - Many are on track to understanding their basin and implementing management measures