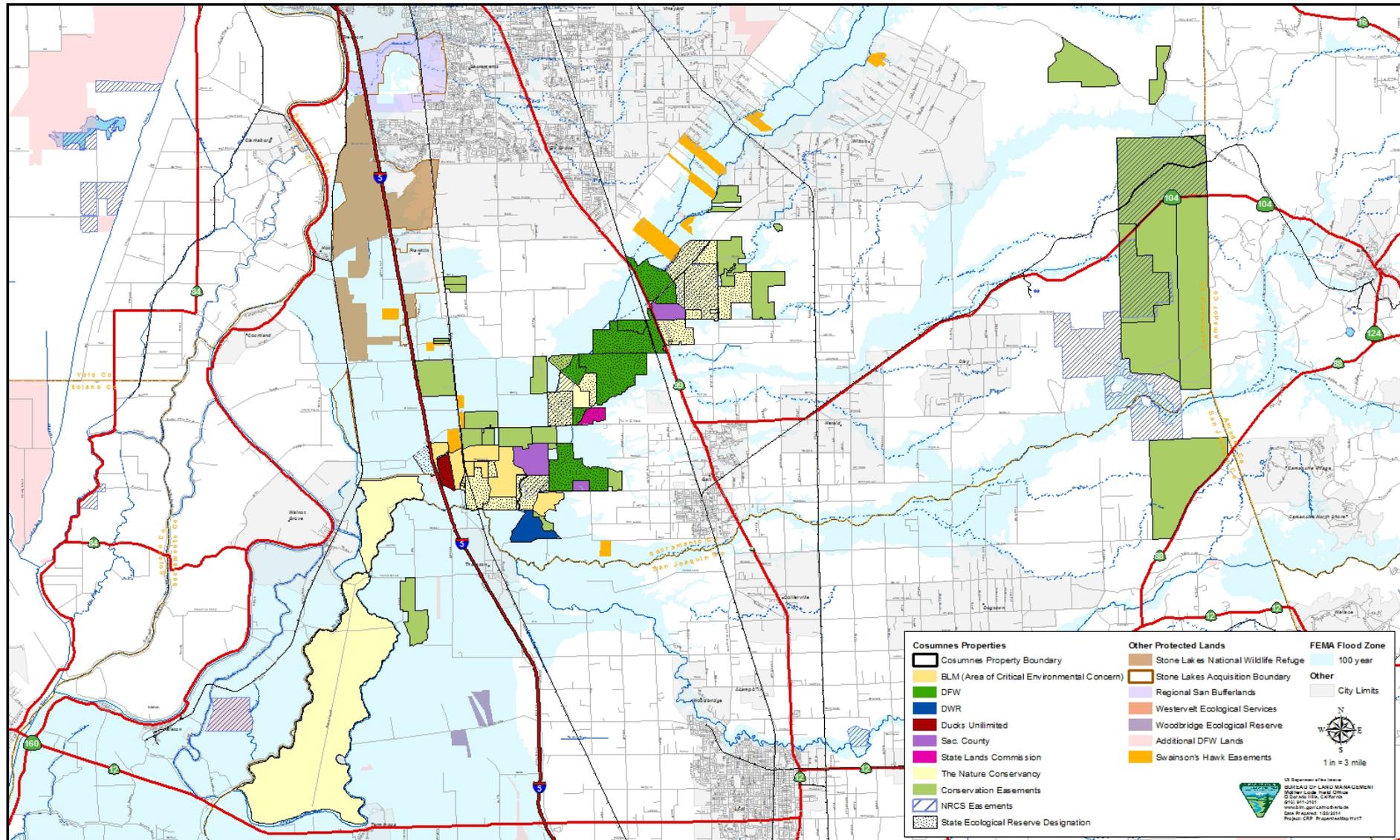


Sacramento-San Joaquin Delta



Mariah Brumbaugh, Wetland Manager
US Bureau of Land Management
Cosumnes River Preserve

North Delta Refuges & Preserves



Mission of Cosumnes River Preserve

- To protect, restore, and manage native California habitat within the Cosumnes River watershed and the Delta, including valley oak riparian forest and floodplain communities, freshwater wetlands, upland grasslands, and vernal pool grasslands.
- Protect the free-flowing Cosumnes River within an ecologically functional landscape.
- To regionally maintain and restore a mosaic of freshwater wetland habitats (seasonal and permanent) that support native species within the Delta.
- Recreation compatible with Natural Resources Stewardship goals, and will promote the teaching of environmental stewardship.

Water Management

- Encourages natural ecological processes, improve habitat values, reduces impacts to soil, and improve water quality.
- Region includes Cosumnes River Preserve, Staten Island, Stone Lakes NWR, Yolo Bypass Wildlife Area.
- *E.g:* CRP 1,000 acres in six separately-managed wetland units
 - 38 independent ponds & additional 1,000 acres organic rice.
 - In CRP wetlands 48 water control structures, 44 valves.
 - \$1 million in water management infrastructure
- North Delta Region flood-up, drawdown, irrigation timed:
 - To coincide with bird use (250,000 ducks, 550,000 geese, 20,000 sandhill cranes, & 150,000 shorebirds and other waterbirds annually.)

What do we manage for?



 **COSUMNES**
River Preserve



Delta Water Quality Issues

- Cosumnes River that feeds the Cosumnes River Preserve is tested for:
 - E-coli, Nitrate & Nitrite, Phosphorus, Conductivity, DO, Ph, Discharge, temperature, TOC, TSS, Turbidity, Velocity, and 50 different pesticides.
 - Only E-coli had an exceedance in 2013-2014.
- Delta Methyl-Mercury
 - TMDL being developed.

International Recognition

CA Fish & Game
Commission Ecological
Reserve



Audubon Globally
Important Bird Area

National Park Service
National Natural
Landmark

Questions?

A serene landscape photograph capturing a sunset or sunrise. The sun is a bright, glowing orb positioned just above a dark silhouette of a tree line. The sky transitions from a pale yellow near the sun to a deep, dark blue at the top. In the foreground, the dark, silhouetted tops of tall grasses and some small plants are visible against the lower part of the sky.