



**WATER EDUCATION
FOUNDATION**

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**NORTHERN CALIFORNIA TOUR
DRAFT ITINERARY**

OCTOBER 21-23, 2015

Resource speakers:

Todd Hillaire

Senior Engineer, Northern Region Office, California Department of Water Resources

Lucas RossMerz

Executive Director, Sacramento River Preservation Trust

Eric Ginney

Central Valley /Sierra Region Environmental Hydrology Director, ESA

Tour staff:

Dan Scott

Tour Director, Water Education Foundation

Susan Lauer

Writer/Special Projects Coordinator, Water Education Foundation

DAY 1: WEDNESDAY, OCTOBER 21

7:30 a.m.

CHECK-IN

Special Events bus area at Terminal B, Sacramento International Airport. Look for ALL WEST bus.

8:00 a.m.

DEPART for California Farm Bureau Federation
Sacramento, CA

Todd Hillaire

- Introduction to the CVFPP and Statewide flood protection planning

- 8:30 a.m.** **ARRIVE** at California Farm Bureau Federation
Dan Scott
➤ Introduction and Ground Rules for a successful tour
Todd Hillaire
➤ Geography of Northern California
Todd Manley
Director of Government Relations, Northern California Water Association
➤ Water supply and quality concerns in Northern California
➤ Efficient water management for regional sustainability in the Sacramento Valley
Jacob Katz, Ph.D.
Central California Director, California Trout
➤ Salmon restoration via Sacramento Valley rice fields (The Nigiri Project)
- 9:30 a.m.** **DEPART** for Freeport Regional Water Project Intake Facility
Freeport, CA
Lucas RossMerz
Eric Ginney
➤ History of the Sacramento River
- 10:00 a.m.** **ARRIVE** at Freeport Regional Water Project
Mark Bluestein
Supervising Administrative Engineer, East Bay Municipal Utility District
Forrest Williams
Senior Engineer, Sacramento County Water Agency
➤ Background of the Freeport Regional Water Authority
➤ Tour the Freeport Regional Water Project Intake on the Lower Sacramento River
- 10:45 a.m.** **DEPART** for Yuba County Water Agency
Marysville, CA
Tim Washburn
Director of Planning, Sacramento Area Flood Control Agency
➤ Lower Sacramento River/Delta North Regional Flood Management Plan
➤ Major floods in California
➤ Drought impacts on flood control
➤ Urban development in flood plains
➤ Overview of regional flood planning management
- 11:45 p.m.** **ARRIVE** at Yuba County Water Agency (YCWA) for lunch
Curt Aikens
General Manager, Yuba County Water Agency
➤ The Lower Yuba River Accord
➤ Yuba-Feather Supplemental Flood Control Project
➤ Forecast-Coordinated Operations
➤ Water transfers, drought planning and groundwater management
➤ New Colgate Powerhouse and other hydroelectric facilities

- 1:00 p.m.** **DEPART** for Feather River Fish Hatchery
Oroville, CA
Todd Hillaire
- State Water Project operations
 - Federal Energy Regulatory Commission (FERC) relicensing for Oroville Dam
 - Feather River restoration projects
- Lucas RossMerz**
Eric Ginney
- Salmon lifecycle and the role of hatcheries in population support
- 1:30 p.m.** **ARRIVE** at Feather River Fish Hatchery
Jana Frazier
Tour Guide, California Department of Water Resources
- Tour operations of the Feather River Fish Hatchery
 - Drought impacts on the salmon life cycle and hatchery management
- 2:15 p.m.** **DEPART** for Oroville Dam
Oroville, CA
Jana Frazier
- Overview of the State Water Project
 - History of Oroville Dam
 - Role of Oroville Dam in the State Water Project
- 3:00 p.m.** **DEPART** for Lundberg Family Farms Headquarters
Richvale, CA
- 3:30 p.m.** **ARRIVE** at Lundberg Family Farms Headquarters
Bryce Lundberg
Vice President of Agriculture, Lundberg Family Farms
- Tour of a vertically integrated family-owned rice company
 - Role of North Sacramento Valley water deliveries in the region
- 5:15 p.m.** **DEPART** for Larrabee Duck Club
Durham, California
Anjanette Shadley
Office | Special Projects Manager, Western Canal Water District
Daniel Robinson
CEO, Gorrill Ranch
- The history and operations Western Canal Water District
 - Video “Living with Nature” (California Water Series)
- 5:45 p.m.** **ARRIVE** for **DINNER** at dinner at Larrabee Duck Club
Eric Larrabee
Lance Tennis
Directors, Western Canal Water District
- History of WCWD
 - Farming in the Northern Sacramento Valley

7:00 p.m. **DEPART** for Oxford Suites Hotel
Chico, California

7:30 p.m. **Arrive** at Oxford Suites

DAY 2: THURSDAY, OCTOBER 22

7:15 a.m. **Please load luggage on bus before breakfast**

7:30 a.m. **BREAKFAST**, Chico Oxford Suites

Speaker from Department of Water Resources

- Hydrogeology of Northern California
- Current Northern Sacramento Valley Groundwater Conditions

Local Water Resources Speaker

- Changing land use in the Sacramento Valley and its influence on increasing water demands

9:00 a.m. **DEPART** for Woodson Bridge County Park
Corning, CA

9:30 a.m. **ARRIVE** Woodson Bridge County Park (Tehama County River Park)

Todd Hillaire

Lucas RossMerz

Eric Ginney

- Woodson Bridge and Kopta Slough Restoration Project
- Central Valley Flood Protection Project
- River meanders, flood plains and erosion control on the Sacramento River

10:15 a.m. **DEPART** for Red Bluff Diversion Dam Recreation Area
Red Bluff, CA

Todd Hillaire

- Elder Creek Flood Control Project and channel maintenance issues
- Non-structural flood control methods

11:00 a.m. **ARRIVE** Tehama-Colusa Canal Authority -- Red Bluff Pumping Plant Facility
Headquarters

Jeff Sutton, General Manager, Tehama-Colusa Canal Authority

- History of the Sacramento Canals Unit of the Central Valley Project
- Background on the Red Bluff Diversion Dam
- Development and implementation of the Red Bluff Fish Passage Improvement Project

12 p.m. **LUNCH**

Jeff Sutton, General Manager, Tehama Colusa Canal Authority

- Surviving the drought
- Integration of Sites Reservoir

- 12:45 p.m.** **DEPART** for Shasta Dam
Shasta Lake, CA
Todd Hillaire
Lucas RossMerz
Eric Ginney
- Status of California WaterFix
 - Perspectives on Governor Brown’s twin tunnel plan
- 1:45 p.m.** **ARRIVE** Shasta Dam Visitor Center
Speaker
U.S. Bureau of Reclamation
- Central Valley Project water operations
 - Raising Shasta Dam
 - Temperature control and the cold water pond
 - Fisheries and the drought
- 2:15 p.m.** **Walk** from Shasta Dam Visitor’s Center to Shasta Dam
- 2:30 p.m.** **ARRIVE at Shasta Dam**
NO PURSES, BAGS or POCKET KNIVES allowed at Dam
Sheri Harral
Tour Guide, U.S. Bureau of Reclamation
- Tour of Shasta Dam
- 3:45 p.m.** **DEPART** for Shasta Lake
Whiskeytown–Shasta–Trinity National Recreation Area
John Dunlap
Structural/Civil Engineer (retired)
Stan Leach
President, Leach Logging
Greg Dunbar, PE
President, SDS, Inc.
- Piloted tour of Shasta Lake
- 5:30 p.m.** **DEPART** for Holiday Inn
Redding, CA
- 6:00 p.m.** **ARRIVE** Holiday Inn
- 7:00 p.m.** **DINNER**, Holiday Inn
Mark Oliver
Program Manager, CH2M Hill
- Hydrology of the Trinity River
 - Trinity River Restoration Program
 - Flow release and Temporary Restraining Order

DAY 3 - FRIDAY, OCTOBER 23

7:00-7:30 a.m. Please load luggage on bus before breakfast

7:00-8:00 a.m. BREAKFAST, Holiday Inn

8:00 a.m. Speaker on Iron Mountain

9:00 a.m. DEPART for Clear Creek Greenway
Centerville, CA

9:30 a.m. ARRIVE Clear Creek Gorge Overlook
Matt Brown
Program Manager, U.S. Fish and Wildlife Service (USFWS)
Charlie Chamberlain
Fish Biologist, Bureau of Reclamation

- Clear Creek Restoration Program
- CVP facilities: Trinity River diversion, Whiskeytown Reservoir, and Keswick Reservoir
- The Battle Creek Salmon and Steelhead Restoration Project

10:15 a.m. DEPART for Glenn Colusa Irrigation District (GCID) Hamilton City Pump Station
Orland, CA

11:30 a.m. ARRIVE Glenn Colusa Irrigation District (GCID) Hamilton City Pump Station
Thad Bettner
General Manager, Glenn-Colusa Irrigation District

- Tour Fish Screen Improvement Project facilities
- GCID history and description of water rights
- Implementation of regulations (Water Conservation Act, SGMA)
- SWRCB Bay-Delta Program - flow impacts
- Surface/Groundwater Reoperation Opportunities
- Sites Reservoir Integration

12:15 p.m. LUNCH at Hamilton City Pump Station

1:00 p.m. DEPART for Sacramento National Wildlife Refuge
Lucas RossMerz
➤ Restoration of the Sacramento River riparian ecosystem
Mark Hennelly
Vice President of Legislative Affairs, California Waterfowl Association

- Waterfowl habitat, refuges and agricultural lands

- 1:45 p.m.** **ARRIVE** at Sacramento National Wildlife Refuge
Steve Emmons
Refuge Manager, U.S. Fish & Wildlife Service
- Tour of managed wetlands
 - Wetlands role in ecosystems and regional water supply
- 3:00 p.m.** **DEPART** for Wells Ranch at Sites Reservoir proposed project site
Sites, CA
Todd Hillaire
- CALFED process to evaluate reservoir site alternatives in Northern California
- Mary Wells**
Owner, Wells Ranch
- Sacramento Valley ranching and farming
 - Local landowner impacts of Sites Reservoir
- 3:45 p.m.** **ARRIVE** at Wells Ranch at Sites Reservoir proposed project site
Ajay Goyal
Manager, Statewide Infrastructure Investigations Branch, California Department of
Water Resources
Jim Watson
General Manager, Sites Project Authority
- Planning and building a reservoir in California
 - North-of-the-Delta Off Stream Storage (NODOS) Investigation
- 4:45 p.m.** **DEPART** for Sacramento Airport
- 6:00 p.m.** **ARRIVE** at Sacramento Airport