



Oroville Reservoir Spillway: Spring 2017

Senate Committee on Natural
Resources and Water
April 25, 2017

Bill Croyle, Acting Director
California Department of Water Resources

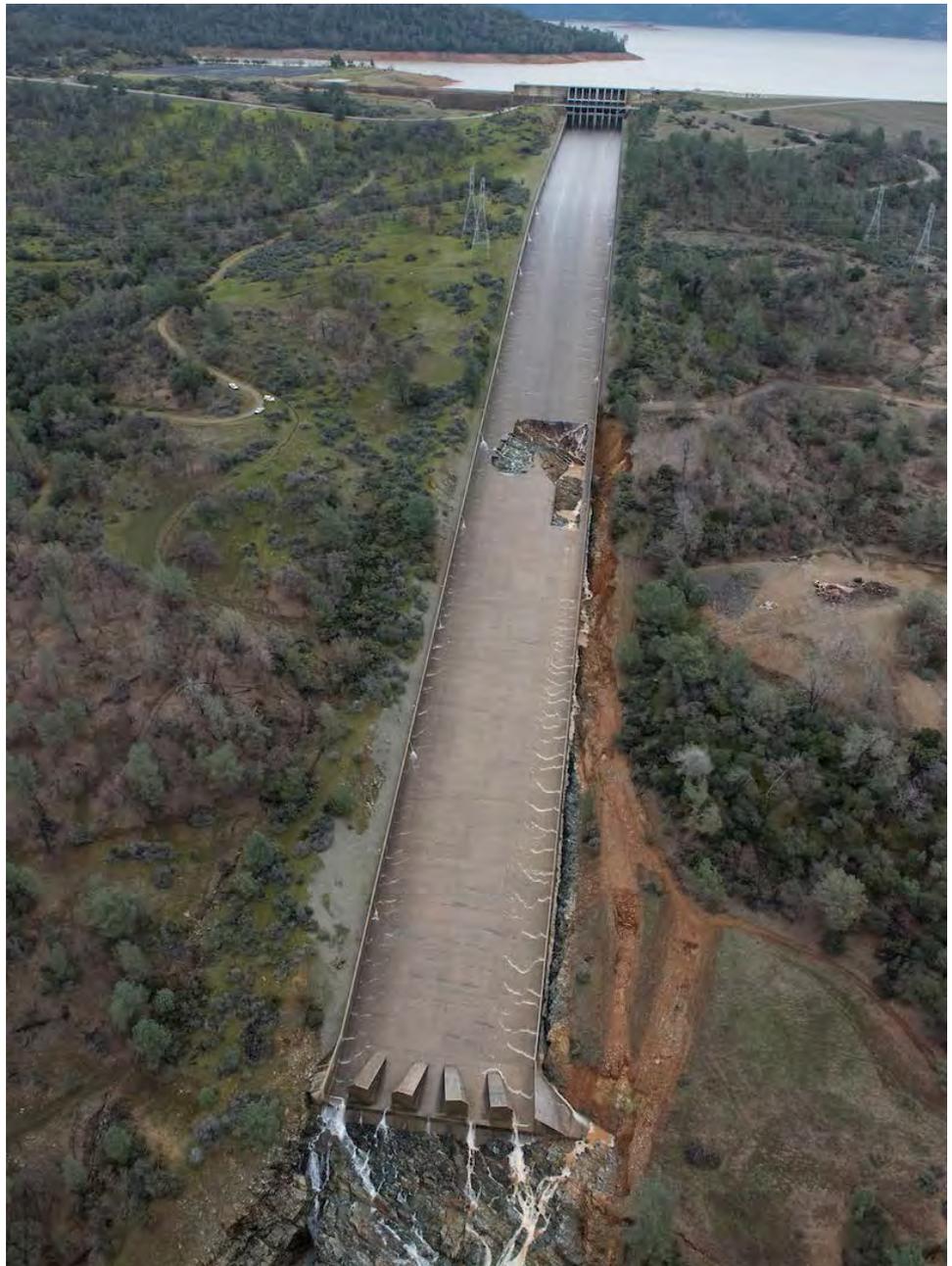


March 24, 2016

Spillway operating at approximately 6,000 cubic feet per second

February 7, 2017

Flows suspended from Oroville flood control spillway after a concrete section eroded on the middle section of the spillway





February 8, 2017

DWR Acting Director Bill Croyle discusses the status of the spillway during a Sacramento press conference



February 10, 2017

Department of Fish and Wildlife staff transfer baby salmon transferred from Feather River Fish Hatchery to the Thermalito Afterbay Complex



February 10, 2017

Baby salmon transferred from Feather River Fish Hatchery to Thermalito Afterbay Complex



February 11, 2017 Emergency spillway begins flowing



February 11, 2017 Emergency spillway flowing



February 11, 2017

Water and erosion debris from the emergency spillway flows into the diversion pool just downstream from the damaged flood control spillway



February 12, 2017, approximately 5:20 p.m.

CHP officers review map



February 12, 2017, approximately 6:45 p.m.

Residents receive updates on Oroville situation/evacuation



February 12, 2017, 10:24 p.m.

Press conference regarding emergency spillway and evacuation



February 12, 2017 – CHP and local law enforcement aiding evacuations

February 13, 2017

A specialist is airlifted by helicopter to work on the power lines near the Oroville flood control spillway





February 13, 2017

Excavators load rocks for helicopters to transport to the eroded site below the emergency spillway



February 14, 2017

L to R: Butte County Sheriff Kory L. Honea, Cal Fire incident commander Kevin Lawson and DWR Acting Director Bill Croyle announce that the immediate evacuation order in Butte County has been reduced to an evacuation warning



February 15, 2017

100,000 cubic feet per second (cfs) of water was released over the damaged spillway



February 16, 2017

Sandbags are placed inside Edward Hyatt powerplant to manage possible water seepage



February 16, 2017

DWR teams reinforce erosion areas below the Lake Oroville emergency spillway.



February 17, 2017

Concrete trucks wait on the top of Oroville Dam to deliver concrete for the erosion repair work at the base of the emergency spillway

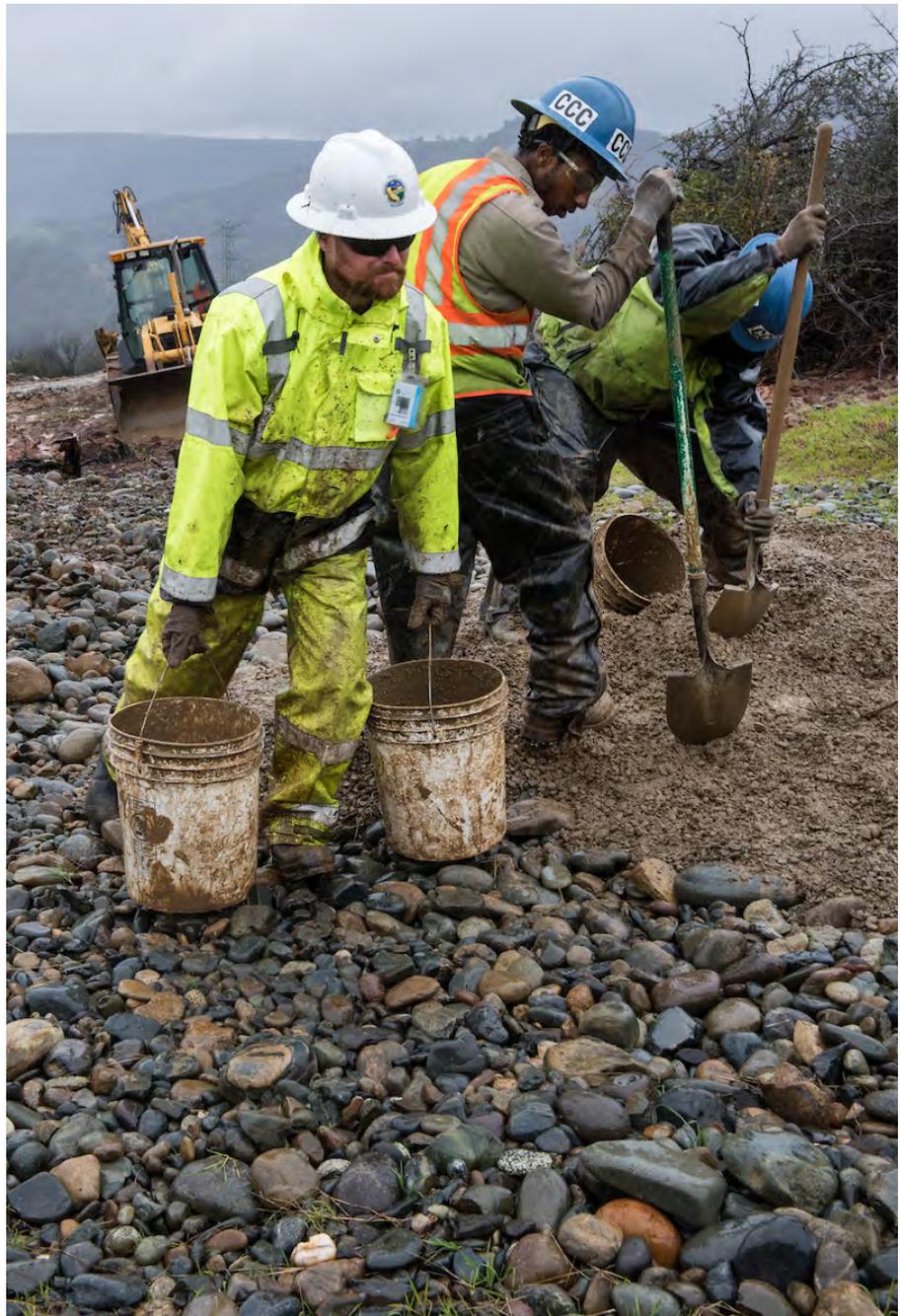


February 20, 2017

DWR and the California Conservation Corps place road base material along the walkway on the outer edge of the food control spillway

February 20, 2017

DWR and the California Conservation Corps unloading buckets of road base material along the walkway on the outer edge of the food control spillway





February 20, 2017

A handmade sign on Canyon Drive in Oroville gives thanks to emergency crews involved in the repair work at the Oroville Dam site



February 22, 2017

Governor Jerry Brown, center, visits the Oroville spillway incident command center



February 27, 2017



February 28, 2017

DWR and Department of Fish and Wildlife biologists rescue fish stranded in the Feather River



February 28, 2017

Geologists from the U.S. Army Corps of Engineers and DWR survey the bottom of the damaged spillway and energy dissipater blocks



March 3, 2017

Inspection of underside of main spillway after zero flow



March 5, 2017

Oroville residents make a special delivery of baked goods to show their support to the crews working on the spillway incident



March 5, 2017

Specialized concrete is applied below the lip of the damaged Oroville Dam flood control spillway



March 6, 2017



March 7, 2017

Crews remove sediment and debris below the spillway to deepen the channel in the diversion pool



March 10, 2017

803,000 of estimated 1.7 cubic yards of debris removed



March 23, 2017

Spillway flowing at 40,000 cubic feet per second; approximately 1.3 million cubic yards of material removed from spillway diversion pool at this point