

Incident Status Summary (ICS-209)

Incident: **Spillway - DWR Assist**

1. Incident Name: Spillway - DWR Assist		2. Incident Number: CA-CDF-000114	
3. Report Version (check one box): <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Update <input type="checkbox"/> Final	4. Incident Commander(s) & Agency or Organization: Pat Whitlock - DWR - Day Gina House - DWR - Night	5. Incident Management Organization: Type 1 Team	6. Incident Start Date/Time: Date: 02/07/2017 Time: 1400 PST
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): 3905 Acres	8a. Percent (%) Contained or Completed: 0 %	9. Incident Type: Other B. Incident Description: Oroville Dam Spillway Failure C. Cause: Unknown D. Fire Suppression Strategy:	10. Incident Complexity Level: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Complex Incident Management Team 3 assigned as assisting
	8b. Total Percentage (%) of Perimeter that will be Contained or Completed: 0 %		
12. Prepared By: Print Name: Kevin Robinson Date/Time Prepared: 02/10/2017 1800 PST		13. Approved By: Print Name: Pat Whitlock Signature: _____	
14. Date/Time Submitted: 02/10/2017 1819 PST		15. Primary Location, Organization, or Agency Sent To: Department of Water Resources	
16. State: CA	17. County / Parish / Borough: Butte		18. City: Oroville
19. Unit or Other: DWR	20. Incident Jurisdiction: DWR	21. Incident Location Ownership (if different than jurisdiction):	
22. Latitude/Longitude: Latitude: 39° 32' 22" Longitude: 121° 29' 49"	23. US National Grid Reference: Grid Zone: x-Coordinate: y-Coordinate:		24. Legal Description: Principal Meridian: Mt. Diablo Township: 19N Range: 4E Section: 2 1/4 Sec: of 1/4 Sec: NW
25. Short Location or Area Description (list all affected areas or a reference point): Oroville Dam Spillway, Feather River, and Thermalito diversion pool			26. UTM Coordinates: Zone: 10 Easting: 629160 Northing: 4377732
27. Note any geospatial data available (indicate data format, content, and collection time information and labels):			
28. Observed Fire Behavior or Significant Events for the Time Period Reported (describe fire behavior using accepted terminology. For non-fire incidents, describe significant events related to the materials or other causal agents): Narrative: Oroville Dam Spillway damage with continued erosion of spillway and adjacent hillsides.			

Incident Status Summary (ICS-209)

Incident: **Spillway - DWR Assist**

29. Primary Fuel Model, Materials, or Hazards Involved (hazardous chemicals, fuel types, infectious agents, radiation, etc):

Narrative:
Water, concrete, soil/dirt, trees, debris

30. Damage Assessment Information (summarize damage and/or restriction of use or availability to residential or commercial property, natural resources, critical infrastructure and key resources, etc):	A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
	E. Single Residences	0	0	0
	F. Multiple Residences	0	0	0
	G. Mixed Commercial / Residential	0	0	0
	H. Nonresidential Commercial Property	0	0	0
	I. Other Minor Structures	0	0	0

31. Public Status Summary: <i>C. Indicate the Number of Civilians (Public) Below:</i>				32. Responder Status Summary: <i>C. Indicate the Number of Responders Below:</i>			
	Previous Report Total	A. # this Reporting Period	B. Total # to-date		Previous Report Total	A. # this Reporting Period	B. Total # to-date
D. Fatalities	0		0	D. Fatalities	0		0
E. With Injuries/Illness	0		0	E. With Injuries/Illness	0		0
F. Trapped/In Need of Rescue	0		0	F. Trapped/In Need of Rescue	0		0
G. Missing	0		0	G. Missing	0		0
H. Evacuated	0		0	H. Evacuated	0		0
I. Sheltering in Place	0		0	I. Sheltering in Place	0		0
J. In Temporary Shelters	0		0	J. In Temporary Shelters	0		0
K. Have Received Mass Immunizations	0		0	K. Have Received Mass Immunizations	0		0
L. Require Immunizations	0		0	L. Require Immunizations	0		0
M. In Quarantine	0		0	M. In Quarantine	0		0
N. Total # Civilians (Public) Affected:	0		0	N. Total # Responders Affected:	0		0

33. Life, Safety, and Health Status/Threat Remarks: Crews working on auxiliary spillway debris removal to be evacuated if lake elevation reaches 898.5' Local sheriff to be notified if total releases are increased to 80,000 cfs.	34. Life, Safety, and Health Threat Management:	
		Active?
35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern): No current weather concerns for the next 72 hrs.	A. No Likely Threat	
	B. Potential Future Threat	X
	C. Mass Notifications in Progress	
	D. Mass Notifications Completed	
	E. No Evacuation(s) Imminent	X
	F. Planning for Evacuation	
	G. Planning for Shelter-in-Place	

Incident Status Summary (ICS-209)

Incident: **Spillway - DWR Assist**

	Active?
H. Evacuation(s) in Progress	
I. Shelter-in-Place in Progress	
J. Repopulation in Progress	
K. Mass Immunization in Progress	
L. Mass Immunization Complete	
M. Quarantine in Progress	
N. Area Restriction in Effect	X
O. Road Closure	X
P. Trail Closure	X
Q. Area Closure	X

36. Projected Incident Activity, Potential, Movement, Escalation, or Spread and influencing factors during the next operational period and in 12-, 24-, 48-, and 72-hour time frames:	
12 hours:	Continue grub and debris removal below auxiliary spillway. Rock and concrete added to auxiliary spillway. PG&E to remove 230kV lines and towers. Spillway operations to continue at 65,000 cfs depending on amount of erosion.
24 hours:	Continue grub and debris removal below auxiliary spillway. Monitor spillway for additional damage.
48 hours:	TBD
72 hours:	TBD
Anticipated after 72 hours: TBD	

37. Strategic Objectives (define planned end-state for incident):	
1. Provide for the protection of public health and welfare and the safety of first responders.	
2. Maintain the integrity of Oroville Dam.	
3. Continue to monitor and assess the damage to the Lake Oroville Spillway.	
4. Ensure coordinated, timely, and accurate release of public information to all stakeholders; public responding agencies and all agencies affiliated with DWR.	
5. Maintain the operational availability of the Hyatt Power Plant.	

38. Current Incident Threat Summary and Risk Information in 12-, 24-, 48-, and 72-hour timeframes and beyond. Summarize primary incident threats to life, property, communities and community stability, residences, health care facilities, other critical infrastructure and key resources, commercial facilities, natural and environmental resources, cultural resources, and continuity of operations and/or business. Identify corresponding incident-related potential economic or cascading impacts:	
12 hours:	Continued threat of erosion to spillway and with monitoring by geology/engineering. Continued erosion threatens DWR power lines. Risk of flooding to Hyatt Power Plant if tailrace elevation reaches 252'. Being mitigated by sandbagging and pumps placed around stoplog slots.
24 hours:	Continued threat of erosion to spillway with monitoring by geology/engineering. Continued erosion threatens DWR power lines. Risk of flooding to Hyatt Power Plant if tailrace elevation reaches 252'. Being mitigated by sandbagging and pumps placed around stoplog slots.
48 hours:	Continued threat of erosion to spillway with monitoring by geology/engineering. Continued erosion threatens DWR power lines. Debris accumulation in the tailrace and diversion dam pool. Risk of flooding to Hyatt Power Plant if tailrace elevation reaches 252'. Being mitigated by sandbagging and pumps placed around stoplog slots.
72 hours:	Continued threat of erosion to spillway with monitoring by geology/engineering. Continued erosion threatens DWR power lines. Debris accumulation in the tailrace and diversion dam

Incident Status Summary (ICS-209)

Incident: **Spillway - DWR Assist**

pool. Risk of flooding to Hyatt Power Plant if tailrace elevation reaches 252'. Being mitigated by sandbagging and pumps placed around stoplog slots.			
Anticipated after 72 hours: Predicted rainfall for the end of next week, Thursday 2/16/17.			
39. Critical Resource Needs in 12-, 24-, 48-, and 72-hour timeframes and beyond to meet critical incident objectives. List resource category, kind, and/or type, and amount needed, in priority order:			
12 hours: N/A			
24 hours: N/A			
48 hours: N/A			
72 hours: N/A			
Anticipated after 72 hours: N/A			
40. Strategic Discussion: Explain the relation of overall strategy, constraints, and current available information to: <ol style="list-style-type: none"> 1) critical resource needs identified above, 2) the Incident Action Plan and management objectives and targets, 3) anticipated results. Explain major problems and concerns such as operational challenges, incident management problems, and social, political, economic, or environmental concerns or impacts.			
41. Planned Actions for Next Operational Period: Continue grub and debris removal below auxiliary spillway. PG&E to remove 230kV lines and towers. Spillway operations to continue at 65,000 cfs depending on amount of erosion.			
42. Projected Final Incident Size/Area (use unit label – e.g., "Acres", "Square Miles"):			
43. Anticipated Incident Containment or Completion Date: 02/28/2017			
44. Projected Significant Resource Demobilization Start Date:			
45. Estimated Incident Costs to Date: \$325,000.00			
46. Projected Final Incident Cost Estimate:			
47. Remarks (or continuation of any blocks above – list block number in notation):			
49. Resources (summarize resources by category, kind, and/or type; show # of resources on top 1/2 of box, show # of personnel associated with resource on bottom 1/2 of box):			
48. Agency or Org		50. Ovhd	51. Tot Pers
C&L	Rsrc		
	Pers	20	20
CA	Rsrc		
	Pers	140	140
CA-CDF	Rsrc		
	Pers	33	33
52. Total Resources			193
53. Additional Cooperating and Assisting Organizations Not Listed Above: Butte County OES, Caltrans, Yuba Fire Department, Marysville Police Department, Calfire, PG&E, CHP, Cal State Parks, Butte County Sheriff, Oroville Police Department, Oroville Fire Dept, Butte County Public Works, Marysville Hospital			