

SPILLWAY DWR

CA-CDF-000114

INCIDENT ACTION PLAN



OPERATIONAL PERIOD

2/15/2017 0600

to

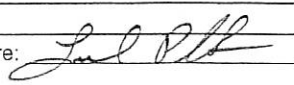
2/16/2017 0600



INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: SPILLWAY DWR	2. Operational Period: Date From: 2/15/2017 Date To: 2/16/2017 Time From: 0600 Time To: 0600
3. Objective(s): 1. Provide for the protection of the public health and welfare, and for the safety of all 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 the Department of Water Resources. 5. Maintain the operational availability of the Hyatt Power Plant. 6. Maintain the integrity and operational availability of the Thermalito Diversion Dam.	
<u>Control Objectives:</u> 1. Continue work to repair emergency spillway. 2. Validate readiness and implementation of mitigation measures. 3. Apply flood mitigation measures to protect the Hyatt Powerhouse. 4. Coordinate airspace within TFR.	
<u>General Situational Awareness:</u> (This section is currently blank)	
5. Site Safety Plan Required? Yes ___ No <u>X</u> Approved Site Safety Plan(s) Located at:	
6. Incident Action Plan X ICS 203 X ICS 208 X Weather Forecast X ICS 204 X ICS 220 X Security Memo X ICS 205 X ICS 214 X Facilities Map X ICS 205A X ICS 215A X ICS 206 X Finance Message	
7. Prepared By: Gabe Garcia Position/Title: PSC (T) Signature: <i>Gabe Garcia</i>	
8. Approved by Incident Commander: Signature: <i>Justin McQuinn I.C(+)</i>	
ICS 202	Date/Time 2/14/17 1800

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: SPILLWAY DWR		2. Operational Period: Date From: 2/15/2017 Date To: 2/16/2017	
		Time From: 0600 Time To: 0600	
3. Incident Commander(s) and Command Staff:		7. Operation Section:	
IC/UC's	Kevin Lawson / Pat Whitlock / Kory Honea / Barry Biermann (T)	Chief	N. Truax / J. Berringer
		Deputy	J. Ohs / B. Cochran
Deputy	Justin McGough (T)	Night Ops	C. Waters / S. Lovelace
Safety Officer	David Sargenti / Mike Parreira	Staging Area	
Information Officer	Mike Smith / Eric See	Branch	Director:
Liaison Officer	Dennis Carreiro / Matt Murray	Division/Group	A G. Heart A.M. / J. Bacher P.M.
LE Liaison Officer	John McCammon / Bill Boyes	Division/Group	Z D. Ramsour A.M. / C. Lancaster P.M.
4. Agency/Organization Representatives:		Division/Group	X E. Elliot A.M. / D. Brown P.M.
Agency/Organization	Name	Division/Group	Power Line
Butte County OES	Cindy Dunsmoor	Division/Group	
CalFire/Butte Co. Fire	Russ Fowler	Branch	Director:
OES Fire	Corey Zander	Division/Group	
Oroville P.D.	Allen Byers / Rob Buckhout	Division/Group	
CHP	Marc Stokes	Division/Group	
Yuba City F.D.	Pete Daley	Division/Group	
Marysville P.D.	Chris Sachs	Division/Group	
PG & E	Pam Perdue	Branch	Director:
Oroville Hospital	Cooper Cunningham	Division/Group	
CAL Trans	Kirk Hemstark	Division/Group	
State Parks	Aaron Wright	Division/Group	
Fish & Wildlife	Carol Oz	Division/Group	
CCC	Jeremy Edwards	Division/Group	
		Branch	Director:
		Division/Group	
		Division/Group	
5. Planning Section:		Division/Group	
Chief	Buddy Bloxham / Mark Hafner	Division/Group	
Deputy	Jeff Dapper (T)	Division/Group	
Resource Unit	Leonel Plata / Ravi Sharma	Branch	Director:
Situation Unit	Todd Tuggle / Kevin Robinson	Division/Group	
Documentation Unit	Alyssa Stutz	Division/Group	
Demobilization Unit	Steve DeBenedet	Division/Group	
GIS Specialist	Chris Ingram	Division/Group	
Technical Specialist	Rob Scott / Matt Seybert	Division/Group	
6. Logistics Section		Air Operations Branch	
Chief	Geoff Pemberton / Wendy Underhill	Division/Group	Director: Matt Stanford
Deputy	Milford Ferguson		Shem Hawkins
Support Branch Director	Ken Dunn		
Facilities Unit	Rich Tovar	8. Finance/Administration Section:	
Ground Support Unit	Steve Langston / Chuck Saiz	Chief	Terry Eastwood / Jessica Roles
Hired Equipment Tech	Andy Whitlock	Deputy	Mara Zaver
Communications Unit	Kyle Johnson / Wendy Underhill	Time Unit	Patrick Aguada / Karen Cawthon
Medical Unit	Kris Yeary / Barbara Hollbrook	Procurement Unit	Jack Franklin / Deanna Butler
Food Unit	Wendy Underhill	Comp/Claims Unit	Matthew Boone / Jessica Roles
Motel Unit	Randy Diaz / Jerry Fernandez	Cost Unit	Lynne Esparza
Prepared By: Name:	Leonel Plata	Signature:	
ICS 203		Date/Time:	2/14/2017 22:00

SPOT FORECAST for Spillway DWR...CALFIRE
National Weather Service SACRAMENTO CA

DISCUSSION...

Storm system has slowed with dry weather now expected through Wednesday...main band of rain will move in after midnight and heaviest into Thursday morning. 24 hour rainfall amounts on Thursday of 2.00 to 2.25 inches over the Feather river basin are expected. Gusty winds will also develop Thursday with gusts up to 27 mph. Wet pattern is likely to continue through at least through Wednesday Feb 22nd.

.WEDNESDAY...

Sky/weather.....Mostly cloudy.
Chance of pcpn.....5 percent.
Max temperature.....62-67.
Surface winds.....Southeast 5 to 10 mph.
Pcpn amount.....0.00 inches.
Snowfall amount.....0.0 INCHES.
Snow level.....8,000 feet

.WEDNESDAY NIGHT...

Sky/weather.....A chance of rain in the evening, then rain likely after midnight.
Chance of pcpn.....70 percent.
Min temperature.....51-56.
Surface winds.....Southeast winds 10 to 16 mph.
Pcpn amount(6pm-12am).....0.10 inches.
Snowfall amount.....0.0 INCHES.
Snow level.....8,000 feet.

.THURSDAY...

Sky/weather.....Rain...heavy at times in the morning, then showers likely in the afternoon.
Chance of pcpn.....100 percent.
Max temperature.....58-63.
Surface winds.....Southeast winds 10 to 20 mph. gusts to 27 mph.
24 hour Pcpn amount(12 am-12 am)1.26 inches at the dam site. 2.00 to 2.25 inches over the Feather river basin.
Snowfall amount 6 to 12 inches above 6000 feet higher amounts over mountain peaks.
Snow level.....7,000 feet falling to 5,500 feet during the afternoon.

.FORECAST DAYS 3 THROUGH 7...

.FRIDAY...

Cloudy with rain. Lows 50 to 55. Highs 57 to 62. East winds up to 6 mph.24 hour precipitation:0.65 inches at the dam site. 1.00 to 1.25 inches over the Feather river basin.

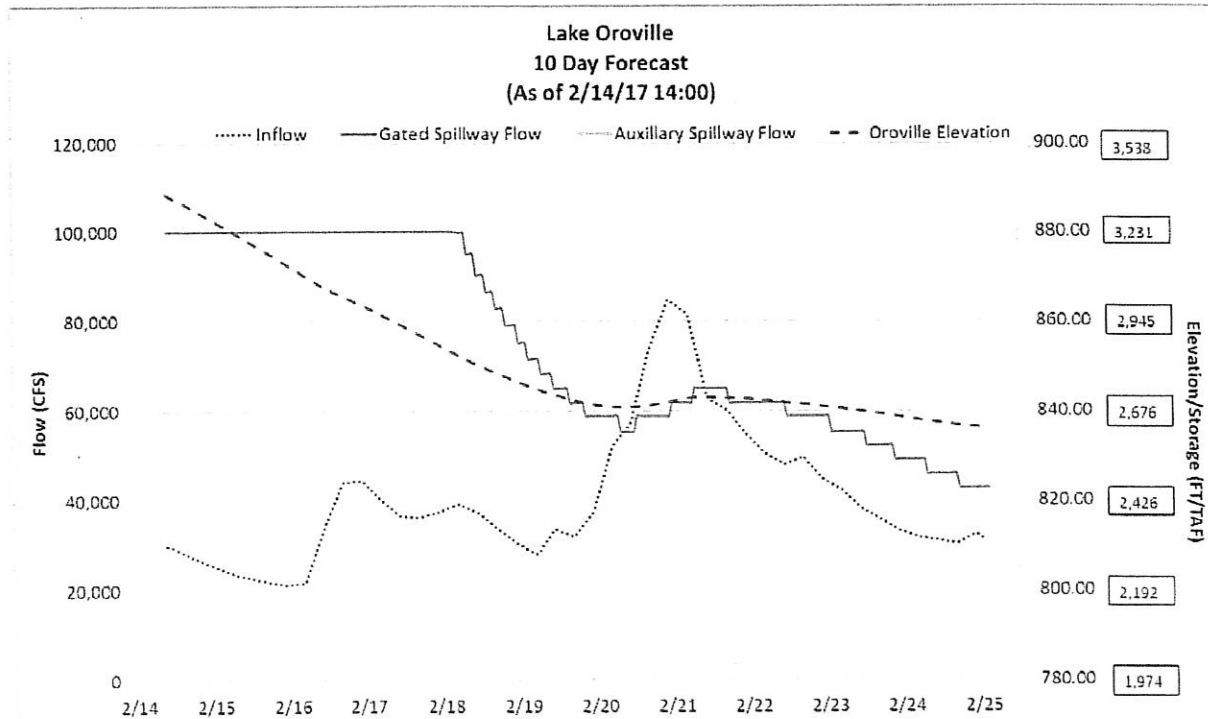
Water Operations Update Oroville Spillway Emergency

Incident Number: 2017-02-07	Operational Area OFD	SWP Facility: Oroville Spillway
Incident Type: Liner Damage	Latitude:	Longitude:
Incident Severity:	Storage (TAF): 3,328 (14:00)	Elevation (ft): 886.48 (14:00)
Status: Active	Vacant Space (TAF): 225 (14:00)	Encroachment (TAF): 541 (14:00)
Maintaining Office: DWR O&M	Inflow (cfs): 43,215 (14:00)	Total to Feather River (cfs): 105,000 (14:00)
	Gated Spillway Flow (cfs): 100,000 (14:00)	Hyatt Flow (cfs): 0 (14:00)
	Tailrace Elevation (ft): 252.54 (14:00)	Auxiliary Flow (cfs): 0 (14:00)
Field Division Contact: OFD ACC 530-534-2418	OCO Contact: POC 916-574-1960	

Most Recent Activity:

Feather River releases will be adjusted as needed.

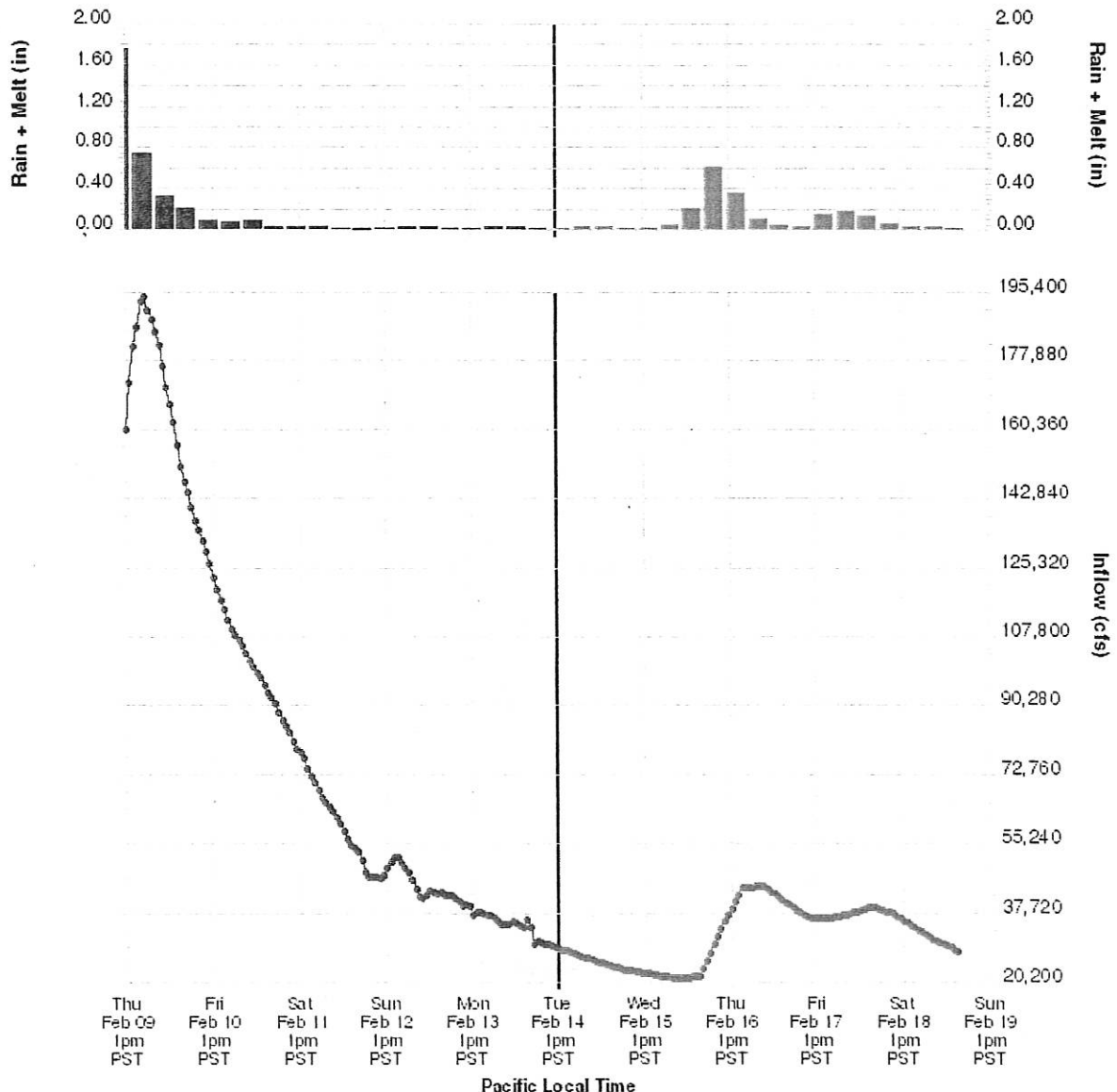
Lake Oroville Storage and Elevation Projection



Weather Forecast

	Quantitative Precipitation Forecast (inches)						Freezing Level (1000 ft)					
	2/14	2/15	2/16	2/17	2/18	2/19	2/14	2/15	2/16	2/17	2/18	2/19
Feather River Basin Average	0.0	0.5	1.7	1.2	0.2	0.2	10.9	9.2	5.8	5.9	5.8	5.3

Inflow Forecast



Observed * Forecast * Guidance *
 Created: 02/14/2017 at 1:59 PM PST (ORDCI Forecast Run Time = 2148Z) California Department of Water Resources
 NOAA / NWS / California Nevada River Forecast Center

- 1-day inflow volume no significant change
- 2-day inflow volume increased by 1 TAF
- 3-day inflow volume increased by 5 TAF

10-Day Feather Basin Quantitative Precipitation Forecast (QPF)

Monday, February 13, 2017

(each day ends at 0400 PST)

Day No.	Date		Precip	Snow Level	Average Daily*			
			(inches)	(feet)	Precip (inches)	Snow Depth (inches)	Min Temp (F)	
	Saturday, February 04, 2017		2.0	5,500				
	Sunday, February 05, 2017		0.6	5,500				
	Monday, February 06, 2017		1.4	5,000				
	Tuesday, February 07, 2017		3.2	5,000				
	Wednesday, February 08, 2017		1.8	7,000				
	Thursday, February 09, 2017	Actual ↓	2.8	7,500				
	Friday, February 10, 2017		3.4	6,500				
	Saturday, February 11, 2017		0.4	5,000				
	Sunday, February 12, 2017		0.0	5,000				
	Monday, February 13, 2017		0.0	8,500	0.23	2.3	25.8	
Total observed:			15.6					
1	Tuesday, February 14, 2017		Forecast ↓	0.0	8,500	0.23	2.2	25.9
2	Wednesday, February 15, 2017			0.0	9,500	0.23	2.2	26.1
3	Thursday, February 16, 2017			0.5	8,000	0.23	2.1	26.3
4	Friday, February 17, 2017			1.2	5,000	0.23	2.1	26.4
5	Saturday, February 18, 2017	1.3		5,000	0.23	2.0	26.4	
6	Sunday, February 19, 2017	0.4		4,000	0.23	2.0	26.6	
7	Monday, February 20, 2017	0.2		3,000	0.23	1.9	26.7	
8	Tuesday, February 21, 2017	0.9		4,000	0.23	1.9	26.8	
9	Wednesday, February 22, 2017	2.4		4,000	0.23	1.8	26.9	
10	Thursday, February 23, 2017	0.4		3,500	0.23	1.8	27.0	
	Friday, February 24, 2017		0.4	3,500	0.23	1.7	27.1	
10-Day Total:			7.3		2.32			
10-Day Percent of Normal:			315%					
Accumulated Observed Precip for WY 2017:			73.2	(WY 2016: 63.0)				

Comments:

Dry and mild conditions are forecasted to continue for the Feather Basin into the middle of the work-week. Beginning Wednesday, widespread, light to heavy precipitation is expected to return to the region. A new series of storms, bringing periods of rain and snow, are expected to last through the weekend, along with a gradual cooling trend. Significant snowfall accumulation is expected in the Sierra. Strong, gusty winds are likely at times. A great deal of uncertainty is present for next week's forecast. The next update of this forecast will be about Tuesday, February 14, 2017, unless there are significant hydrologic changes.

Links:

- QPF from the CNRFC: <http://www.cnrfc.noaa.gov/awipsProducts/RNOHD6RSA.php>
- 7-Day Temp Forecast from the CNRFC: <http://www.cnrfc.noaa.gov/awipsProducts/RNOHFSFTA.php>
- 7-Day Temp Forecast from NWS, Reno: <http://www.wrh.noaa.gov/cnrfc/versprod.php?pil=SFT&sid=REV&version=0>
- 7-Day Temp Forecast from NWS, Medford: <http://www.wrh.noaa.gov/cnrfc/versprod.php?pil=SFT&sid=MFR&version=0>
- 7-Day Temp Forecast from NWS, Sac: <http://www.wrh.noaa.gov/cnrfc/versprod.php?pil=SFT&sid=STO&version=0>
- 6 - 10 Day Forecast from CPC: <http://www.cpc.ncep.noaa.gov/products/predictions/610day/>
- 8 - 14 Day Forecast from CPC: <http://www.cpc.ncep.noaa.gov/products/predictions/814day/>
- 14-Day Precip Forecast from COLA: <http://wxmaps.org/pix/prec1.html>
- 14-Day Temp Forecast from COLA: <http://wxmaps.org/pix/temp1.html>
- Monthly Temp & Precip Outlooks from CPC: http://www.cpc.ncep.noaa.gov/products/predictions/multi_season/13_seasonal_outlooks/color/churchill.php
- 1 Month Forecast from CPC: <http://www.cpc.noaa.gov/products/predictions/30day/index.php>

* Avg daily values (40 - 50 years) from Quincy, elev 3,400 ft; 30-day running average. Mean annual precip approx 40" (vs. 45" for Feather Basin)



CAL FIRE INCIDENT MANAGEMENT TEAM 3



SAFETY MESSAGE	1. INCIDENT NAME: SPILLWAY	2. DATE PREPARED: February 14, 2017	3. TIME PREPARED: 1400
	4. PREPARED BY: David Brockman SOF1(T)	5. LEADER NAME: David Sargenti SOF1	6. OPERATIONAL PERIOD: 2/15/17 0600 TO 2/16/17 0600

SAFETY MESSAGE

SAFETY

The condition of being protected from or unlikely to cause danger, risk, or injury.

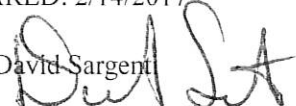
- Winding roads and civilians are throughout the incident, slow down when driving.
- Helicopters working. HEADS UP!!! Watch for overhead loads.
- Evacuation has been down graded to an "Evacuation Warning" Watch out for the residents returning home or coming out to view the releases.
- Be aware of changing weather and road conditions.
- Be careful around the incident base! Drive with CARE!
- Watch for heavy equipment they may not see you. Stay within designated areas.
- Remain mindful of what is going on around you! LACES!
- Lookout for debris in the roadways.

***"A SOLID SAFETY PROGRAM
ENSURES WORKERS RETURN HOME
EVERY DAY IN THE SAME
CONDITION THEY LEFT IN"***



INCIDENT RISK ANALYSIS ICS 215A



Branch	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS/WARNINGS/REMEDIES
ALL	SAFETY	<ul style="list-style-type: none"> • Ensure all personnel receive a safety briefing. • Maintain your situational awareness. • Be aware of any evacuation plans or warnings. • Maintain accountability of your crew and your resources. • Communicate any hazards that you encounter. • Report any criminal activity.
ALL	DRIVING HAZARDS	<ul style="list-style-type: none"> • Watch your speeds. • Drive defensively! Expect the unexpected. • Watch for local traffic and congestion. • Watch for pedestrian traffic. • Increase following distances. Slow down.
ALL	TRAVEL	<ul style="list-style-type: none"> • Use caution with changing road conditions. • Use identified routes of travel if given. • Be aware of the road closures. • Follow all closure personnel's directions.
ALL	PERSONAL SAFETY	<ul style="list-style-type: none"> • All personnel are responsible for their personal safety. • Immediately report any suspicious activity. • Be sure to wear all needed or required safety equipment.
ALL	HYDRATION	<ul style="list-style-type: none"> • Drink water before, during and after each shift.
ALL	WATER HAZARD/BOAT OPS	<ul style="list-style-type: none"> • Be alert when working near or around moving water. • Wear appropriate PFD when near water. • Post look outs as needed. • Watch for large amounts of debris.
ALL	FATIGUE	<ul style="list-style-type: none"> • Be alert for signs of fatigue and take breaks as necessary. • Monitor incoming resources for level of fatigue.
ALL	LOCAL RESIDENTS	<ul style="list-style-type: none"> • Watch for returning residents. • Evacuation order lowered to a "Evacuation Warning" slow down for people watching the work progress.
ALL	COMMUNICATIONS	<ul style="list-style-type: none"> • Check the communication plan for changes. • Be clear and concise when talking on the radio. • Use human repeaters as needed.
ALL	BRIEFINGS	<ul style="list-style-type: none"> • Make sure everyone gets a briefing on the plan for the day. • Document on your 214.
ALL	LCES	<ul style="list-style-type: none"> • Ensure that LCES is being utilized.
ALL	HELICOPTER AWARENESS	<ul style="list-style-type: none"> • Be aware of rotor wash when working near helicopters. • Keep eyes open for overhead loads. • Stay clear of helicopter landing zones. • Monitor assigned aircraft frequencies.
DIV A/Z	HEAVY EQUIPMENT	<ul style="list-style-type: none"> • Be aware of heavy equipment working in the area. • Slow down when driving near rock trucks, they may not see you.
Incident Name: SPILLWAY INCIDENT		DATE PREPARED: 2/14/2017 Prepared by: David Sargent  OPERATIONAL PERIOD 2/15/2017-2/16/2017 0600-0600

Department of Water Resources

Oroville Field Division

SECURITY MESSAGE

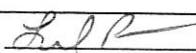
Employees and Contractors must be mindful that information used on a daily basis should be considered *SENSITIVE*. Certain actions are Prohibited.

- Assigned personnel *SHALL NOT* take unauthorized photos or video at Oroville Field Division (OFD)
- All work related photos, documents, drawings, or video, etc. are for Departmental use only and will remain the property of the Department of Water Resources
- Photos or video of critical infrastructure, sensitive areas, or information are not to be captured on personal cell phones, cameras, or other personal devices

THE SHARING OF SENSITIVE OFD INFORMATION ON SOCIAL MEDIA SITES IS FORBIDDEN.

Source Document: OFD Security Memo No. 1

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Spillway DWR		2. Operational Period: Date From: 02/15/17 Date To: 02/16/17 Time From: 0600 Time To: 0600		3. Branch: Division: A Group: Staging Area:	
4. Operations Personnel: Operations Section Chief: <u>Day: N. Traux / J. Berringer</u> <u>Night: C. Waters / S. Lovelace*</u> Division/Group Supervisor: <u>G. Heart* A.M. / J Bacher* P.M.</u>					
5. Resources Assigned:			# of Person	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader				
Excavator					DP 1 @ 0600
Excavator					DP 1 @ 0600
Excavator					DP 1 @ 0600
Excavator					DP 1 @ 0600
Bull Dozer					DP 1 @ 0600
Bull Dozer					DP 1 @ 0600
Bull Dozer					DP 1 @ 0600
Safety Officer	Jorge Segura				DP 1 @ 0600
Safety Officer*	Ronnie Gastelum (Day Shift)				DP 1 @ 0600
Safety Officer*	Steve Heller (Day Shift)				DP 1 @ 0600
Safety Officer*	Wayne Wolf (Night Shift)				DP 1 @ 1800
6. Work Assignments: Construct coffer dam across tailrace. Prepare super sacks filled with rock and slurry for pick-up. *Denotes a 12 hour resource.					
7. Special Instructions: Monitors with a safety officer will be moving in and out of divisions and will notify division supervisors.					
8. Communications (radio and/or phone contact numbers needed for this assignment): Name / Function Primary Contact: indicate cell, pager, or radio (frequency/system/channel) / / / SEE COMMUNICATIONS PLAN (ICS 205 pages 15-16) / / / /					
9. Prepared by: Name: Leonel Plata		Position/Title: RESL		Signature: 	
ICS 204		Date/Time: 02/14/17 2200			

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Spillway DWR		2. Operational Period: Date From: 02/15/17 Date To: 02/16/17 Time From: 0600 Time To: 0600		3. Branch: Division: Z Group: Staging Area:	
4. Operations Personnel: Operations Section Chief: Day: N. Traux / J. Berringer Night: C. Waters / S. Lovelace* Division/Group Supervisor: D. Ramsour* A.M. / C. Lancaster* P.M.					
5. Resources Assigned:		# of Person	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information	
Resource Identifier	Leader				
Excavator				DP 3 @ 0600	
Excavator				DP 3 @ 0600	
Loader				DP 3 @ 0600	
Bull Dozer				DP 3 @ 0600	
Crane				DP 3 @ 0600	
Concrete Pump Truck				DP 3 @ 0600	
Concrete Pump Truck				DP 3 @ 0600	
Black Hawk*				DP 3 @ 0600	
Black Hawk*				DP 3 @ 0600	
Sky Crane*				DP 3 @ 0600	
Safety Officer	Chris Butler (24 Hrs.)			DP 3 @ 0600	
*Safety Officer	Sam Taylor (Day Shift)			DP 3 @ 0600	
*Safety Officer	Mike Morris (Night Shift)			DP 3 @ 1800	
6. Work Assignments: Fill void created by erosion. Move debris from spillway control structure. *Denotes a 12 hour resource.					
7. Special Instructions: Monitors with a safety officer will be moving in and out of divisions and will notify division supervisors.					
8. Communications (radio and/or phone contact numbers needed for this assignment):					
Name		/ Function		Primary Contact: indicate cell, pager, or radio (frequency/system/channel)	
		/			
		/		SEE COMMUNICATIONS PLAN (ICS 205 pages 15-16)	
		/			
		/			
9. Prepared by: Name: Leonel Plata Position/Title: RESL Signature:					
ICS 204			Date/Time: 02/14/17 2200		

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Spillway DWR		2. Operational Period: Date From: 02/15/17 Date To: 02/16/17 Time From: 0600 Time To: 0600		3. Branch: Division: Power Line Group* Group: Staging Area:	
4. Operations Personnel: Operations Section Chief: Day: N. Traux / J. Berringer Night: C. Waters / S. Lovelace* Division/Group Supervisor:					
5. Resources Assigned:		# of Person	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information	
Resource Identifier	Leader				
MD 500				DP 4 @ 0600	
Crane				DP 4 @ 0600	
Crane				DP 4 @ 0600	
Safety Officer	Rod Teeter (Day Shift)			Dp 4 @ 0600	
Safety Officer	James Hester (Day Shift)			Dp 4 @ 0600	
6. Work Assignments: Remove high voltage power lines. *Denotes a 12 hour group.					
7. Special Instructions: Monitors with a safety officer will be moving in and out of divisions and will notify division supervisors.					
8. Communications (radio and/or phone contact numbers needed for this assignment): Name / Function Primary Contact: indicate cell, pager, or radio (frequency/system/channel) / / SEE COMMUNICATIONS PLAN (ICS 205 pages 15-16) / /					
9. Prepared by: Name: Leonel Plata		Position/Title: RESL		Signature:	
ICS 204		Date/Time: 02/14/17 2200			

AIR OPERATIONS SUMMARY

OPERATIONAL PERIOD DATE: 2/15/17 START: 0733 END: 1711 SUNRISE: 0703 SUNSET: 1741

1. INCIDENT NAME: Spillway DWR	2. PREPARED BY: Matt Stanford	3. # OF COPIES NEEDED:
4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):		
TFR may not be staffed with aerial supervision. Make blind calls at 7 and 12 miles prior to entering the TFR GPS settings: hddd°mm.mmm' with WGS 84 selected as the map datum.		
5. TFR:		
Center: Polygon		
Latitude: See FAA website for		
Longitude: current TFR		
Radius:		
Altitude: From the surface up to and including 4500 feet MSL		

7. FREQUENCIES				8. FIXED WING			
	Phone	AM	FM		# Avail / Type/Make-Model / FAA N# / Base(s)		
AOBD: Matt Stanford	951-545-8205	124.775	151.2950	AIRTANKERS			
ASGS: Shem Hawkins	530-990-5128	124.775		LEADPLANES			
ATGS:				AIR TACTICAL PLATFORMS			
HEBM: Chris Vatcher	530-895-6505		CDF T18 159.3450	TFR Freqs.	124.775		
1							
4							
HLCO:			See IAP for command				
Dispatch Aircraft Desk			Air Guard	PILOT MAP:			

9. HELICOPTERS (Use Additional Sheets as Necessary)													
FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
Copter 205	2	UH1H	Chico	0900	0900	Hoist							
Enloe Flt	3	Astar	Chico			24 hrs EMS							
CHP H20	3	Astar	Auburn			24 hrs Hoist EMS							

10. TASK/MISSION/ASSIGNMENT (Use ICS-220a if additional space needed; Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, etc.)				
TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Recon				
Water Drops/Retard.				
Personnel Transport				
Logistics				

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name		Spillway DWR		Date/Time Prepared		Operational Period Date/Time	
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode A, D or M	Remarks
1	Command	CDF CMD 7	All Divisions	151.4600 N	103.5 (8)	159.3900 N	123.0 (2)	A	TONE 2
2	Command	BTU LOCAL	All Divisions	151.4000 N	110.9 (1)	159.3750 N		A	BTU LOCAL TONE 10
3	Command	BTU SUPP	All Divisions	154.4150 N	123.0 (2)	159.0000 N		A	OST
4	DWR CMD	BLOOMER	DWR	159.2350 N	141.3 (13)	151.2550 N	141.3 (13)	A	DWR CMD FREQUENCY
5	Tactical	CDF TAC 27	Unassigned	159.3075 N	192.8 (16)	159.3075 N	192.8 (16)	A	
6	Tactical	CDF TAC 28	Unassigned	151.1825 N	192.8 (16)	151.1825 N	192.8 (16)	A	
7	Tactical	CALCORD	All Divisions	156.0750 N	156.7 (6)	156.0750 N	156.7 (6)	A	EMS ON INCIDENT
8	DWR TAC	C-C 235	DWR	151.2350 N	141.3 (13)	151.2350 N	141.3 (13)	A	DWR TAC FREQUENCY
9									
10									
11									
12									
13									
14	Air To Ground	CDF TAC 18	All Divisions	159.3450 N	192.8 (16)	159.3450 N	192.8 (16)	A	
15									
16	Emergency	Air Guard	All Branches	168.6250 N		168.6250 N	110.9 (1)	A	EMERGENCIES ONLY
17									
18									
19									
20	Emergency	Air Guard	All Branches	168.6250 N		168.6250 N	110.9 (1)	A	EMERGENCIES ONLY

Prepared By (Communications Unit)

Kyle Johnson

KYLE JOHNSON - COM1 TEAM 3

Incident Location
Oroville Dam

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name Spillway DWR		Date/Time Prepared 2/14/2017 1700	Operational Period Date/Time 2/15/2017 0600-0600
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Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks
1	DWR CMD	BLOOMER	DWR	159.2550 N	141.3	151.2350 N	141.3	A	DWR COMMAND - KD9257
2									
3									
4	DWR OPS	CMD C-C 235	DWR	151.2350 N	141.3	151.2350 N	141.3	A	DWR TACTICAL - KD9257
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Prepared By (Communications Unit) *Wendy Underhill*
 Wendy Underhill, LOGS
 Incident Location
 Oroville Dam

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.



COMMUNICATIONS LIST (ICS 205A)

1. Incident Name: Spillway DWR	2. Operational Period: Date From: 2/15/17 Date To: 2/16/17 Time From: 0600 Time To: 0600	
3. Basic Local Communications Information: Department of Water Resources		
Incident Assigned Position	Name	Method(s) of Contact (phone, pager, cell, etc.)
INCIDENT COMMANDER - DAY	Pat Whitlock	530-990-4300
INCIDENT COMMANDER - NIGHT	Bruce Jones	530-712-7386
INCIDENT COMMANDER - NIGHT	Doug Mcelvain	661-333-4104
INCIDENT COMMAND SUPPORT - DAY	Joel Ledesma	916-849-4779
INCIDENT COMMAND SUPPORT - NIGHT	Behzad Soltanzadeh	916-425-4815
SECURITY OFFICER - DAY	Roger Baker	530-990-1775
SECURITY OFFICER - NIGHT	Curtis Green	909-809-7117
SAFETY OFFICER - DAY	Mike Parreira	559-836-2959
LIAISON OFFICER - DAY	Matt Murray	530-321-6035
PUBLIC INFORMATION OFFICER - DAY	Eric See	530-900-8804
PUBLIC INFORMATION OFFICER - DAY	Kevin Dossey	530-521-3503
PUBLIC INFORMATION OFFICER - NIGHT	Chris Orraock	916-690-5498
PUBLIC INFORMATION OFFICER - NIGHT	Lauren Hersh	916-849-9022
PUBLIC INFORMATION OFFICER - DAY	Maryanne Ciaraglia	916-425-0899
PUBLIC INFORMATION OFFICER - NIGHT	Reyna Reys	916-494-1421
OPERATIONS SECTION CHIEF - DAY	John Berringer	916-952-9376
OPERATIONS SECTION CHIEF - NIGHT	Seth Lawrence	530-840-0253
MONITORING STRIKE TEAMS - DAY	Dave Panec	916-653-0772
STAGING AREA MANAGER - DAY	John Personeni	916-539-7726
FLOATING DEBRIS REMOVAL STRIKE TEAM - DAY	Ed Elliott	530-520-4582
SYBLON AND REID STRIKE TEAM - DAY	Dan Ramsour	916-217-6733
DAM SURVEILLANCE GROUP - DAY	Ryan Cooper	916-709-7756
PLANNING SECTION CHIEF - DAY	Mark Hafner	530-401-8564
PLANNING SECTION CHIEF - NIGHT	Phil LeCocq	916-402-7273
RESOURCE UNIT LEADER - DAY	Ravi Sharma	916-709-7756
SITUATION UNIT LEADER - DAY	Desmond Feher	916-220-3595
DOCUMENTATION UNIT LEADER - DAY	Alyssa Stutz	530-592-9832
EMERGENCY SPILLWAY CONTINGENCY DAY	Tim Wehling	916-747-4673
SUBJECT MATTER EXPERTS GEOLOGY - DAY	Rob Berry	916-801-4390
SUBJECT MATTER EXPERTS DOE - DAY	Joe Royer	916-956-4407
SUBJECT MATTER EXPERTS HDR DAY	Les Harder	916-768-1585
LOGISTICS SECTION CHIEF - DAY	Wendy Underhill	530-448-7247
LOGISTICS SECTION CHIEF - NIGHT	Richard Jones	661-400-0321
SUPPORT BRANCH DIRECTOR - DAY	Ken Dunn	530-521-8487
MONITORING STRIKE TEAMS - DAY	Dave Panec	916-653-0772
4. Prepared by: Name: <u>Lynne Esparza</u> Position/Title: <u>AGPA</u> Signature: <u><i>Lynne Esparza</i></u>		
ICS 205A		Date/Time: <u>2/14/17 1340</u>



COMMUNICATIONS LIST (ICS 205A)

2. Incident Name: Spillway DWR	2. Operational Period: Date From: 2/15/17 Date To: 2/16/17 Time From: 0600 Time To: 0600
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3. Basic Local Communications Information: Department of Water Resources

Incident Assigned Position	Name	Method(s) of Contact
SUPPLY UNIT LEADER – DAY	Kenn Dunn	530-521-8487
FACILITIES UNIT LEADER – DAY	Wendy Underhill	530-448-7247
GROUND SUPPORT LEADER – NIGHT	Chuck Saiz	530-370-2120
SERVICES BRANCH DIRECTOR – DAY	Wendy Underhill	530-448-7247
COMMUNICATIONS UNIT LEADER – DAY	Wendy Underhill	530-448-7247
MEDICAL UNIT LEADER – DAY	Barbara Holbrook	530-215-8222
FOOD UNIT LEADER - DAY	Wendy Underhill	530-448-7247
FINANCE/ADMIN SECTION CHIEF - DAY	Jessica Roles	530-521-4910
TIME UNIT LEADER- DAY	Karen Cawthon	530-534-2373
PROCUREMENT UNIT LEADER - DAY	Deanna Butler	530-521-2516
COMP/CLAIMS UNIT LEADER - DAY	Jessica Roles	530-521-4910
COST UNIT LEADER - DAY	Lynne Esparza	530-534-2372 phone / 916-600-4871 cell
COMMUNICATIONS UNIT LEADER	Wendy Underhill	530-448-7247
MEDICAL UNIT LEADER	Barbara Holbrook	530-215-8222
FOOD UNIT LEADER	Wendy Underhill	530-448-7247
FINANCE/ADMIN SECTION CHIEF - DAY	Jessica Roles	530-521-4910
TIME UNIT LEADER- DAY	Karen Cawthon	530-534-2373
PROCUREMENT UNIT LEADER - DAY	Deanna Butler	530-521-2516

4. Prepared by: Name: Lynne Esparza	Position/Title: AGPA	Signature:
ICS 205A	Date/Time: 2/14/17 1555	



COMMUNICATIONS LIST (ICS 205A)

1. Incident Name: Spillway DWR		2. Operational Period: Date From: 2/15/17 Date To: 2/16/17 Time From: 0600 Time To: 0600	
3. Basic Local Communications Information: CALFIRE IMT #3			
Incident Assigned Position	Name	Method of Contact	
INCIDENT COMMANDER	KEVIN LAWSON	(619) 892-1195	
INCIDENT COMMANDER	BARRY BIERMANN	(707) 529-9689	
INCIDENT COMMANDER	JUSTIN MCGOUGH (T)	(951) 840-8155	
OPERATIONS SECTION CHIEF	NICK TRUAX	(530) 448-2405	
OPERATIONS SECTION CHIEF	JEFF OHS	(909) 214-8083	
OPERATIONS SECTION CHIEF	ERICH SCHWAB	(530) 277-2311	
OPERATIONS SECTION CHIEF	NICK SCHULER (T)	(619) 733-0675	
OPERATIONS BRANCH DIR	SEAN NORMAN	(530) 864-5903	
OPERATIONS BRANCH DIR	CHRIS WATERS	(559) 281-4308	
OPERATIONS BRANCH DIR	GEORGE CASARIO (T)	(714) 469-3420	
SAFETY OFFICER	DAVID SARGENTI	(831) 596-4724	
SAFETY OFFICER	DAVID BROCKMAN	(530) 682-2522	
LIASON OFFICER	DENNIS CARREIRO	(831) 594-8612	
LIASON OFFICER	MIKE MARTIN	(408) 472-1614	
PUBLIC INFO OFFICER	MIKE SMITH	(951) 232-4049	
PUBLIC INFO OFFICER	LUCAS SPELMAN	(951) 347-3034	
PUBLIC INFO OFFICER	DAN OLSON	(951) 837-1615	
PUBLIC INFO OFFICER	JOSH JANSSEN	(951) 830-8120	
PUBLIC INFO OFFICER	RICHARD CORDOVA	(951) 337-3673	
LAW ENFORCEMENT LIASON	PHILIP FONTANETTA	(213) 210-6809	
LAW ENFORCEMENT LIASON	BILL BOYES	(530) 604-5985	
AIR OPS BRANCH DIRECTOR	MATT STANFORD	(951) 545-8205	
AIR SUPPORT GROUP SUP	SHEM HAWKINS	(530) 990-5128	
FIRE BEHAVIOR ANALYST	JON HEGGIE	(619) 820-9481	
GIS	CHRIS INGRAM	(510) 427-2671	
TRAINING TECH/SPEC	ROB SCOTT	(949) 292-3207	
TRAINING TECH/SPEC	MATT SEYBERT	(714) 875-4040	
PLANS SECTION CHIEF	BUDDY BLOXHAM	(831) 236-5659	
SITUATION UNIT LEADER	TODD TUGGLE	(559) 760-3879	
SITUATION UNIT LEADER	JOSH BLACK (T)	(619) 609-3413	
SITUATION UNIT LEADER	GABE GARCIA	(916) 300-2170	
RESOURCE UNIT LEADER	SHANNON JOHNSON	(530) 448-2497	
RESOURCE UNIT LEADER	LEONEL PLATA	(559) 246-9225	
RESOURCE UNIT LEADER	JEFF DAPPER (T)	(909) 286-6450	
DEMOB UNIT LEADER	STEVE DEBENEDET	(530) 708-2792	
4. Prepared by: Name: <u>KYLE JOHNSON</u> Position/Title: <u>COML</u> Signature: 			
ICS 205A		Date/Time: <u>2/14/17 1538</u>	



MEDICAL PLAN

1. INCIDENT NAME SPILLWAY DWR CA-CDF-000114	2. DATE PREPARED 2/14/17	3. TIME PREPARED 1200 HOURS	4. OPERATIONAL PERIOD 2/15/17 0600-0600
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5. INCIDENT MEDICAL AID STATIONS

MEDICAL AID STATIONS	LOCATION	PARAMEDICS	
		YES	NO
DWR OPERATIONS CENTER	460 GLEN DR OROVILLE, CA 95966		XX

6. TRANSPORTATION

A. Air Ambulances

NAME	ADDRESS	PHONE	PARAMEDICS	
			YES	NO
Enloe FlightCare	1531 Esplanade Chico, CA 95926	911	XX	

B. Ground Ambulances

Butte County EMS - Oroville	1531 Esplanade Chico, CA 95926	911	XX	

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Oroville Hospital	2767 Olive Hwy Oroville, CA	2 min	8 min	530-533-8500	XX			XX
Orchard Hospital	240 Spruce St Gridley, CA	15 min	30 min	530-846-9000		XX		XX
Enloe Medical Center - Trauma	1531 Esplanade Chico, CA	15 min	36 min	530-332-7300	XX			XX
U. C. Davis Hospital	2315 STOCKTON BLVD, SACRAMENTO, CA	45 min	1.5 hrs	916-734-2011	XX		XX	

8. MEDICAL EMERGENCY PROCEDURES

LINE EMERGENCY: Crew Supervisor to contact Division Supervisor with patient complaint/condition and location.

- Division Supervisor contacts:
 - 911
 - ACC - Area Control Center - (530) 534-2499
- ACC contacts.
 - Medical Unit
 - Safety Officer
 - Operations
- Division Supervisor will run medical emergency

BASE EMERGENCY: Contact 911. Notify the Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident.

INJURY REPORTING PROCEDURES

NATURE OF INJURY _____

LOCATION OF PATIENT _____

TRANSPORTATION REQUESTED BY: AIR ___ GROUND ___

POINT OF PICKUP _____

LAT _____ LONG _____

PATIENT UNIT ID _____
REMINDER: DO NOT GIVE PT NAME OVER RADIO

AGE _____

SEX: MALE ___ FEMALE ___

ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.

Medical Unit (530) 215-8222

ICS 206 8-78	9. PREPARED BY (MEDICAL UNIT LEADER) Barbara Holbrook, MEDIC	10. REVIEWED BY (SAFETY OFFICER) Mike Parreira, SOFR
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PUBLIC INFORMATION SECTION



Incident Information Line: (530) 872-5951

Incident Media Line: (530) 268-5869

STATUS	
Incident Start Date: 02/07/2017	Incident Start Time: 2:00 PM
Incident Type: Northern Winter Storms	Description: Damage to the Oroville Spillway
Incident Location: Oroville Dam, Canyon Dr. & Oroville Dam Rd, Oroville, CA 95966	

MEDIA – The California State Penal Code Section 409.5(d) allows the news media to enter scenes of disaster, riot or civil disturbance. Properly identified members of the news media should not be restricted from entering locations specified within the code. However, this does not include crime scenes, private property and does not imply that the news media may interfere with incident operations while they are in the areas of concern. You can get further information about Penal Code Section 409.5(d) at <http://www.leginfo.ca.gov/cgi-bin/displaycode?section=pen&group=00001-01000&file=403-420.1>

PHOTOGRAPHS AND VIDEOS OF INCIDENT – We are in a new era of media. Media no longer means news/broadcast industry, but now refers to anyone that has the capability to shoot video, photographs and post them onto social media sites in a matter of minutes. Unfortunately, we have seen some instances of photographs or videos that have depicted unsafe, unprofessional or embarrassing circumstances which are a serious breach of ethics. When this happens, it reflects poorly on all that are attached to this incident. Posting an inappropriate video, photo or blog comment could expose oneself to unwanted ramifications. It may be unsafe to shoot photos or video and a firefighter who is concentrating on a camera loses their situational awareness.

The Public Information Office would like copies of the video and pictures that you safely took while not in an emergency situation, fire suppression activity or in an overhead assignment. Bring your video and pictures to the Public Information trailer; they will be reviewed and possibly uploaded to our many CAL FIRE social media sites. Remember, we don't want photographs or videos that depict unsafe, unprofessional or embarrassing circumstances, which are a serious breach of ethics. You can also send your photographs and videos to the following email "Richard.Cordova@fire.ca.gov".

LOST AND FOUND – The Information Section will manage lost and found items for the incident. If you have lost an item please leave your contact information and what you have lost at the Information Section. If you have found an item on the incident, bring the item to the Information Section with your contact information as well.

In readiness is all

FINANCE SECTION

MESSAGE

2/15/17

DWR time sheets (DWR 208 & ICS 214) were due last Monday. Please submit them as soon as possible. There is a finance document box in the lobby in the administration office

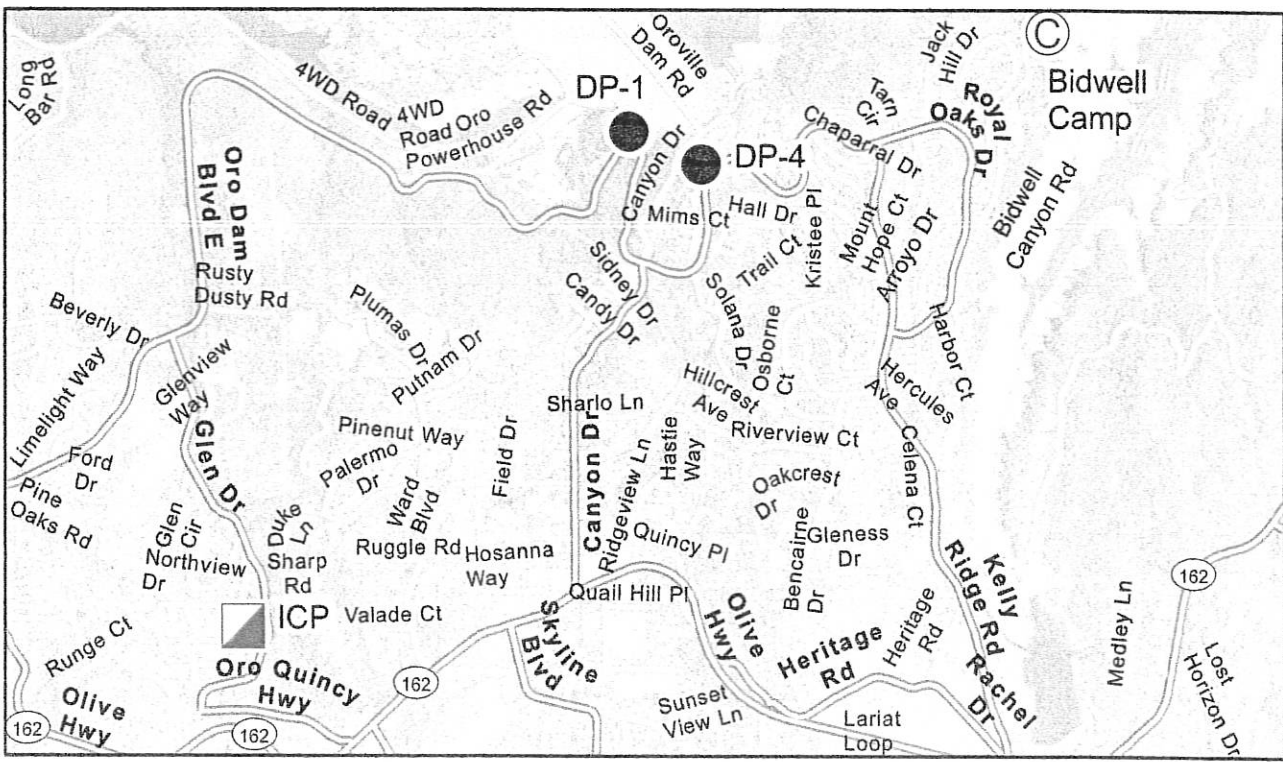
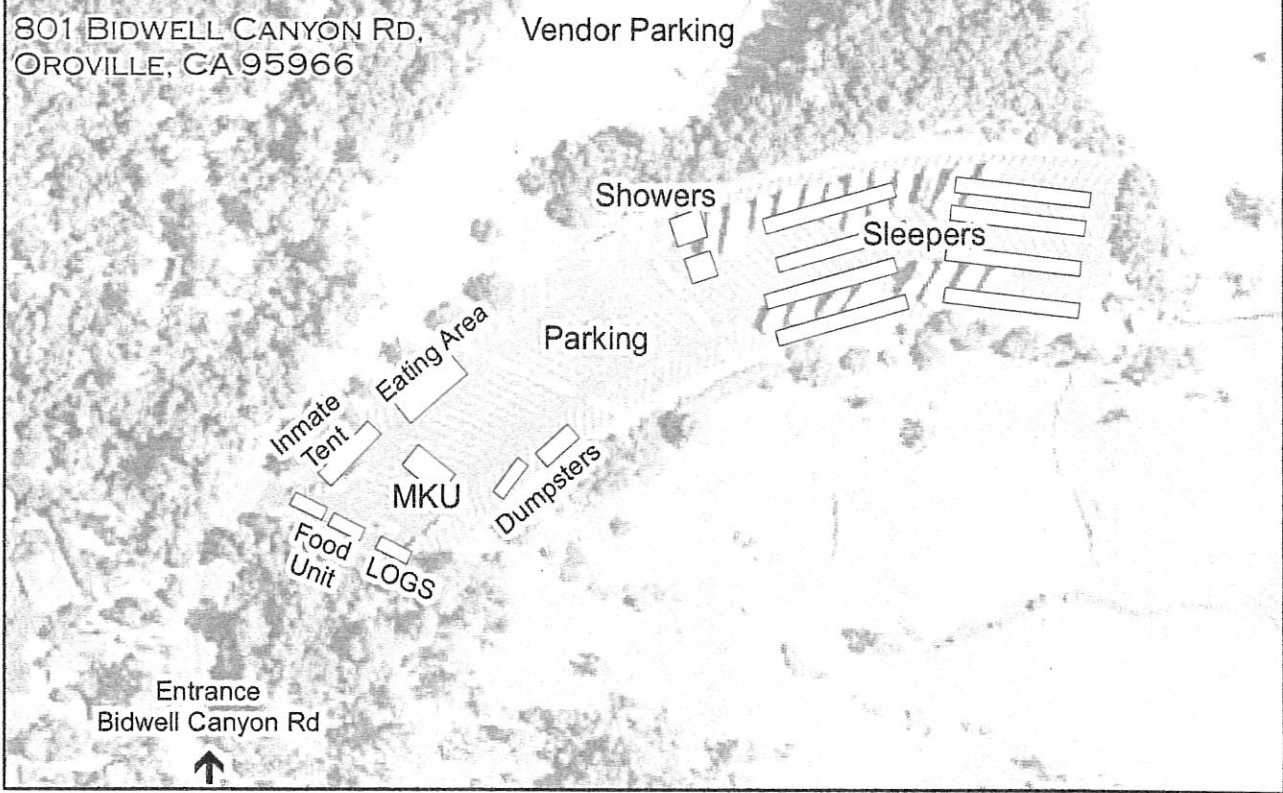
CAL FIRE - Continue to check in with the time Unit to update your FC33's

DWR staff with hotel rates over \$90 requires an approved "Excess Lodging Rate Request/Approval STD 255c" attached to their travel expense claim. A supply of forms are available at the Admin Building lobby counter. These forms require your Division Chief approval. Please submit all requests to Jessica Roles. She will insure they get to the appropriate Division Chief for approval

Jessica Roles, FSC

BIDWELL CAMP MAP

801 BIDWELL CANYON RD,
OROVILLE, CA 95966



Directions from ICP to Bidwell Camp:
 Turn right onto Glen Dr, Turn left onto Oroville-Quincy Hwy
 Turn left onto CA-162 E, Turn left onto Kelly Ridge Rd
 Turn right onto Arroyo Dr, Turn left onto Bidwell Canyon
 Take to the end of the road.



TRAVEL MAP
SPILLWAY DWR
17-CA-CDF-000114
 IMT 3 GIS - NAD83 - 2/13/17

