2018 Landowner Meetings

February 21 & 22, 2018

Agenda

- Welcome
- FERC relicensing/licensing
- State Water Resources Control Board Phase I Substitute Environmental Document (SED)
- 2017/18 winter work
- Water supply
- Customer Interface Portal (CIP)
- A look back and a look forward......
- Q&A

Don Pedro FERC Relicensing and La Grange Licensing

- Don Pedro relicensing existing license expired April 2016
- October 11, 2017 Filed Don Pedro Amended Final License Application and La Grange Final License Application
 - November 30, 2017 FERC issued Ready for Environmental Analysis
 - Motion to Intervene, comments on AFLA and preliminary prescriptions due January 29, 2018
- January 29, 2018 Comments and preliminary prescriptions filed

SED

- Settlement negotiations
- Revised SED Spring 2018?

2017/2018 Winter Work

- Focus water level control, reliability and modernization
 - Beard Ditch Dry Creek Crossing
 - Tunnel Gate Hydraulic Power Unit Replacement
 - Tunnel and Fill Inspections
 - W-9 Long Crested Weir
 - Shotcrete Lateral Lining
 - La Grange Tunnel Siphon Repair & Fish Rescue
- All design and construction completed by Water Operations staff

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Beard Ditch Dry Creek Crossing



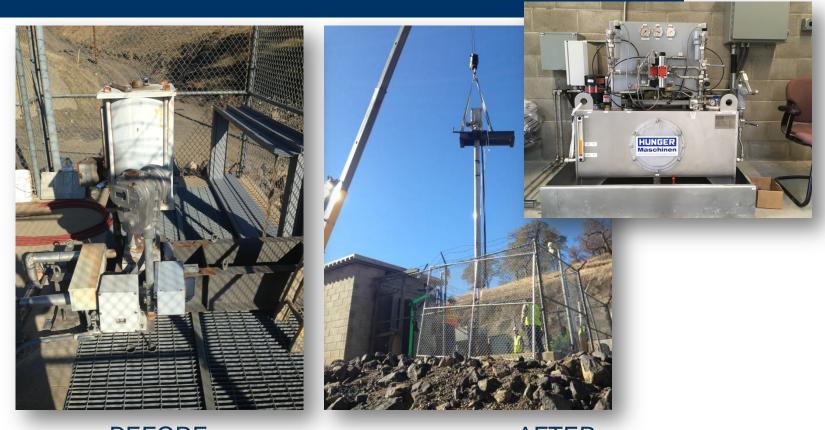




BEFORE

AFTER

Tunnel Gate Hydraulic Power Unit Replacement



BEFORE AFTER

Tunnel and Fill Inspections



MORTON FILL CULVERT OUTLET



NW END DOMINICI FILL



WATERFORD UPPER MAIN TUNNEL



LA GRANGE TUNNEL

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W-9 Long Crested Weir



BEFORE



DURING CONSTRUCTION

Shotcrete Lateral Lining – Lateral 4





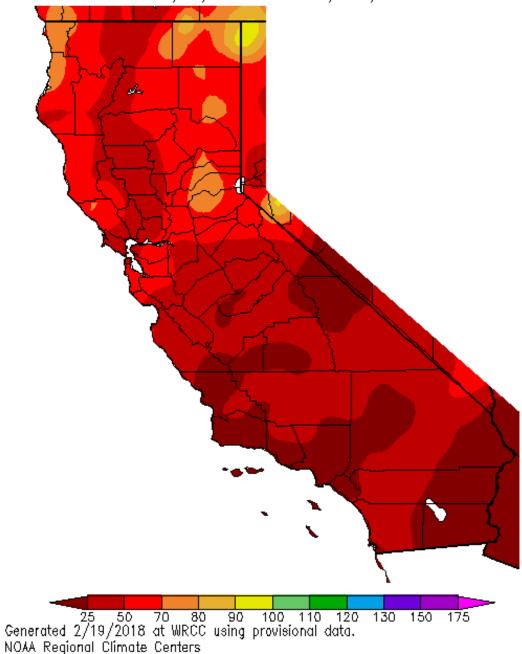
La Grange Tunnel Siphon Repair & Fish Rescue





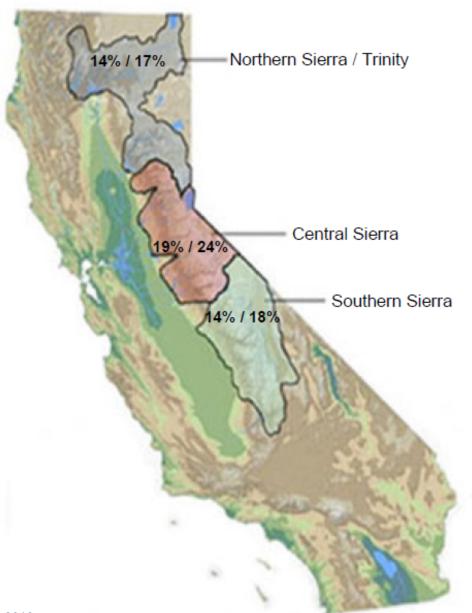


Percent of Average Precipitation (%) 10/1/2017 — 2/18/2018



Current Regional Snowpack from Automated Snow Sensors

% of April 1 Average / % of Normal for This Date

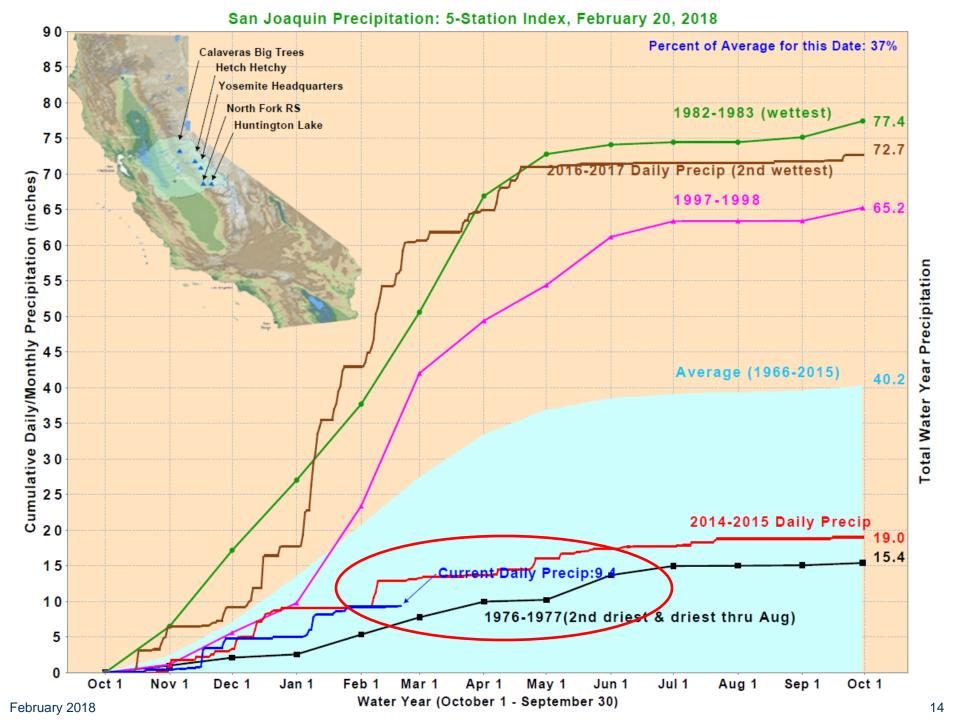


NORTH		
Data as of February 20, 2018		
Number of Stations Reporting	29	
Average snow water equivalent (Inches)	3.9	
Percent of April 1 Average (%)	14	
Percent of normal for this date (%)	17	

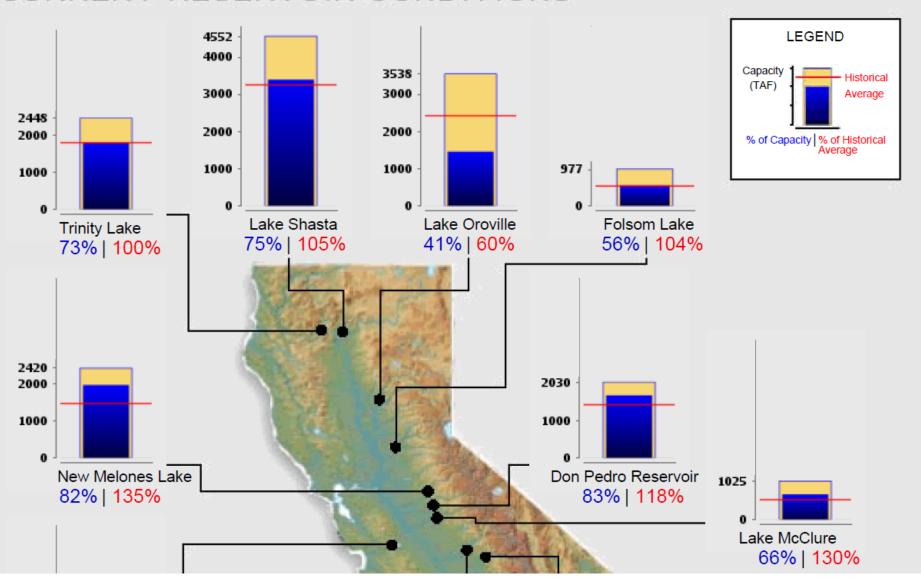
CENTRAL			
Data as of February 20, 2018			
Number of Stations Reporting	39		
Average snow water equivalent (Inches)	5.6		
Percent of April 1 Average (%)	19		
Percent of normal for this date (%)	24		

SOUTH		
Data as of February 20, 2018		
Number of Stations Reporting	29	
Average snow water equivalent (Inches)	3.8	
Percent of April 1 Average (%)	14	
Percent of normal for this date (%)	18	

STATE		
Data as of February 20, 2018		
Number of Stations Reporting	97	
Average snow water equivalent (Inches)	4.5	
Percent of April 1 Average (%)	16	
Percent of normal for this date (%)	20	



CURRENT RESERVOIR CONDITIONS



Reservoir Storage Summary

As of February 19th			
Reservoir MID Available Wa			
Modesto	15,434		
Don Pedro ¹	433,203		
Total	448,637		

Notes:

¹MID stored water plus early inflow from the City and County of San Francisco

Water Supply Summary

- Allocation = 42" of available water per irrigated acre
 - No water available for replenishment (capped)
 - Transfer Policy own, rent or lease (no farmer to farmer delivery program)
- Staff isn't recommending any rate change
- Start date = 2/25/17
- 2/28/18 first water deliveries for irrigation season to begin
- 5/1/18 crop forecast submission deadline

TrueCIP

- An application within MID's current irrigation billing software TruePoint
 - Up to date account views, 24hrs a day, 7 days a week
 365 days a year
 - Accessible from your personal computer or on the go from your mobile devices where internet connectivity exists
 - Available for the 2018 irrigation season
- Will fully replace the online water use report after 2018 irrigation season
- Sign-up at https://irrigation.mid.org

A look back and a look forward.....

• 2017

- 2nd wettest year on record
- 2017 Groundwater Replenishment Program
- Master Storm Drainage License Agreement w/ City of Modesto
- Groundwater Sustainability Agency (GSA)



Estimate

Item	Des	cription	Quantity	Unit	U	nit Cost	Д	mount
I.	Facility Set-up Pla	an Check/Inspection ¹	2	Hours	\$	78.65	\$	157.30
II.	Flowmet	ter Reading ²	5	Hours	\$	64.89	\$	324.45
III.	Irrigation	n Scheduling ³	10	Hours	\$	64.89	\$	648.90
IV.	End of Irrigation Season Inspection ⁴		2	Hours	\$	78.65	\$	157.30
V.		leage ⁵	154	Mile	\$	0.54	\$	82.39
VI.	Bi	illing ⁶	2	Hours	\$	64.89	\$	129.78
VII.	Contingency ⁷		1	LS	\$	150.00	\$	150.00
Total Fixed C	Cost =		•				\$	1,650.12
Minimum Pa	rcel Size (AC) ⁸ =	10						
Fixed Cost = \$ 1,650.12								
Water Usage (AF/AC) ⁹ = 3								
Total Water Usage (AF) = 30								
Total Blende	d Cost (\$/AF) =	\$ 55.00						
Recommend	ed 2017 Groundwater Re	eplenishment Program U	nit Cost (\$/ΔF) ¹⁰ =				\$	55.00

Actual

2017 Groundwater Replenishment Program				
Number of Participants =		5		
Total Acres to be irrigated =		1,676		
Total Volume of Surface Water Delivered (AF) =		1,798		
Cost (\$/AF) =		60		
Revenue =	\$	107,880		
MID Expenses =	\$	5,999		
Net Income =	\$	101,881		

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A look back and a look forward..... (cont.)

• 2018

- Rules and Regs Update
- Storm Drainage
- Fee Study
- CWRMP
- Groundwater Sustainability Plan (GSP)
- TrueCIP

Q&A