

Agency/NGO

**Yuba River
Development Project**

(FERC Project No. 2246)

**Relicensing Participant's Proposal Response to YCWA
Counter Proposal**

10/28/15

Areas of Agreement

- WY types as those in Forest Service's final FPA 4(e) Conditions for upstream hydro Projects (as documented in Revised Condition WR2 in the 'Agreed & Done' folder on the Relicensing Website).
- Sediment transport pulse flows at Log Cabin and Our House diversion dams (as documented in Revised Condition GS2 in the 'In Progress' folder on the Relicensing Website).
- Whitewater boating pulse flows at Our House Diversion Dam (as documented in New Condition RR2 in the 'Agreed & Done' folder on the Relicensing Website).
- New Bullards Bar spill cessation (as documented in Condition AR4 in the 'Agreed & Done' folder on the Relicensing Website).
- When Lohman Ridge Tunnel is closed per tunnel closure requirement, fully open low-level outlet and fish release outlet in Log Cabin Diversion Dam; Camptonville Tunnel may remain open.

Areas Still in Discussion

- Lohman Ridge Tunnel closure in spring – Discuss today
- Our House Dam and Log Cabin Dam minimum flows – Discuss today
- NBB Dam minimum flows (RPs - 2/27/15): - Contingent on reaching agreement on LWM and gravel plans; discuss today?
- When Lohman Ridge Tunnel is not closed in spring per above, spill cessation at Our House and Log Cabin Dams – To be discussed at a future meeting.

Agency/NGO Counter-Proposal – Our House Diversion Dam Tunnel Closure

- Close Lohman Ridge Tunnel from April 1 through September 30 in any year when both NBB Reservoir storage is 775,000 ac-ft or more on March 31, and DWR's March median water year forecast is greater than 2,191,000 ac-ft.
- If DWR's April median water year forecast is less than 2,191,000 ac-ft., then open the tunnel by April 11 and provide a ramp down following the spill management measure (**not yet agreed to**).
- The mechanism for providing flows and the ramp down will be evaluated during the sediment pass through events and geomorphic monitoring downstream of Our House diversion dam - to understand how/when sediment moves in relation to fish spawning and FYLF breeding.

Agency/NGO Counter-Proposal – Oregon Creek Minimum Flows

Current Status

- Log Cabin Diversion Dam (YCWA's Proposed Minimum Flows / Relicensing Participant's Proposed Minimum Flows)

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Critical	6*/6	6*/6	6*/6	6*/6	6*/12	6*/12	12*/18	12*/18	12*/18	6*/6	6*/6	6*/6
Dry	6*/6	6*/10	6*/10	6*/10	6*/16	6*/16	18*/18	18*/18	18*/18	6*/10	6*/6	6*/6
Below Normal	8*/6	8*/15	8*/15	8*/15	8*/20	8*/20	21*/32	21*/32	21*/32	8*/15	8*/6	8*/6
Above Normal	8*/8	8*/20	8*/20	8*/20	8*/30	10*/30	26*/55	26*/55	26*/55	10*/20	10*/8	10*/8
Wet	8*/8	8*/25	8*/25	8*/25	8*/40	13*/40	31*/55	31*/55	31*/55	13*/25	13*/8	13*/8

* Or inflow to Log Cabin Diversion Dam impoundment if inflow is less.

New Agency Proposal

Model Run #4: [Oct28, 2015]	Oct	Nov	Dec	Jan	Feb	Mar	April	May	Jun	Jul	Aug	Sep
C	6	6	6	6	12	12	18	18	18	6	6	6
D	6	10	10	10	12	12	18	18	18	10	6	6
BN	6	15	15	15	18	18	27	27	27	15	8	8
AN	8	15	15	15	19	30	43	43	43	20	10	10
W	8	17	17	17	24	30	43	43	43	25	13	13

Agency/NGO Counter-Proposal – Middle Yuba River Minimum Flows

Current Status

- Our House Diversion Dam (YCWA's Proposed Minimum Flows / Relicensing Participant's Proposed Minimum Flows)

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Critical	35*/50	35*/50	35*/50	35*/50	35*/50	35*/50	35*/60	35*/60	35*/60	35*/50	35*/50	35*/50
Dry	49*/50	49*/50	49*/50	49*/50	49*/50	49*/70	49*/70	49*/70	49*/70	49*/50	49*/50	49*/50
Below Normal	57*/50	57*/70	57*/70	57*/70	57*/70	57*/100	57*/120	57*/120	57*/120	57*/70	57*/60	57*/50
Above Normal	57*/60	57*/100	57*/100	57*/100	57*/100	66*/120	66*/140	66*/140	66*/140	66*/100	66*/80	66*/60
Wet	57*/60	57*/120	57*/120	57*/120	57*/120	80*/120	80*/140	80*/140	80*/140	80*/120	80*/80	80*/80

* Or inflow to Our House Diversion Dam impoundment if inflow is less.

New Agency Proposal

Model Run #4: [Oct28, 2015]	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	Jul	Aug	Sep
C	40	40	40	40	40	45	60	60	60	45	45	45
D	50	50	50	50	50	55	70	70	70	60	50	50
BN	55	55	55	70	70	80	90	90	90	70	60	55
AN	60	60	60	75	75	90	100	100	100	80	70	60
W	60	60	70	90	90	100	120	120	120	100	80	70