Modeling results for proposed hydrographs

Parameter	Flow Workgroup Recommendation =	---	YES	NO	---	YES	NO
		WET WY alternatives			NORMAL WY alternatives		
		ROD Wet	WEToffChInundations	1925wetModified	ROD Normal	NORMALoffChInundations	1912NormalModified
Fisheries							
Total Natural Chinook Abundance at Pear Tree (spring and fall run) (SSS)		not modeled	not modeled	not modeled	not modeled	not modeled	not modeled
Fry abundance (<55 mm)		not modeled	not modeled	not modeled	not modeled	not modeled	not modeled
Parr abundance (55 - 90 mm)		not modeled	not modeled	not modeled	not modeled	not modeled	not modeled
Smolt abundance (>90 mm)		not modeled	not modeled	not modeled	not modeled	not modeled	not modeled
Total Natural Chinook Biomass at Pear Tree (metric tons) (SSS)		not modeled	not modeled	not modeled	not modeled	not modeled	not modeled
Smolt Outmigration Timing (calendar date)							
50% natural smolt outmigration at Pear Tree (SSS)		not modeled	not modeled	not modeled	not modeled	not modeled	not modeled
80% natural smolt outmigration at Pear Tree (SSS)		not modeled	not modeled	not modeled	not modeled	not modeled	not modeled
50% natural smolt outmigration at Willow Creek (Hdat)		not modeled	not modeled	not modeled	not modeled	not modeled	not modeled
80% natural smolt outmigration at Willow Creek (Hdat)		18-Jul	17-Jul	16-Jul	13-Jul	7-Jul	11-Jul
Temperature							
EIS Temperature objectives for adult salmon holding/spawning at Douglas City (exceedance °C days)							
Exceedance, average climate conditions (50% exceedance)		0	0	0	0	0	0
Exceedance, adverse climate conditions (10% exceedance)		0	0	0	0	0	0
EIS Temperature objectives for adult salmon holding/spawning above NF Trinity River (exceedance °C days)							
Exceedance, average climate conditions (50% exceedance)		0	0	0	0	0	0
Exceedance, adverse climate conditions (10% exceedance)		1.2	1.2	1.2	1.2	1.2	1.2
Temperature Objectives for juvenile salmon at Weitchpec (exceedance °C days)							
Exceedance, average climate conditions (50% exceedance)		5	17	40	7	32	37
Exceedance, adverse climate conditions (10% exceedance)		85	110	128	100	128	133
Riparian							
Black Cottonwood Initiation Potential (nodes)		137	150	16	451	118	33
Risk of encroachment by narrow leaf willow (peak discharge >6000 cfs?; yes or no)		N	N	N	N	N	N
Biology							
Number of froglets produced in the modeled reach (Chapman Ranch ESL)		4480	10483	9038	2145	7395	4606
Median date for FYLF metamorphosis		10/8/2019	10/14/2019	10/19/2019	9/12/2019	10/8/2019	10/2/2019
Physical							
Total bedload transport at Douglas City (tons)		7017	3812	4152	2129	2990	1620
Bar surface mobilization (% bar area)		49%	55%	53%	38%	55%	41%
Deep bar scour (% bar area)		27%	31%	30%	21%	31%	23%
Administrative							
Construction Impacts (Days ≥1000 cfs; July 15 to Sept 15)		0	0	0	0	0	0