

Introduction to Timeline

The timeline given below shows the approximate starting and end times of actions and events included in this year's Water Management Plan. It is designed to give a sense of when various actions occur. Dates are approximate and subject to change. Also note actions shown may not occur.

Project Abbreviations

LIB – Libby
HGH – Hungry Horse
LWG – Lower Granite
LGS – Little Goose
LMN – Lower Monumental
IHR – Ice Harbor
MCN – McNary
JDA – John Day
TDA – The Dalles
BON – Bonneville
TMT – Technical Management Team
DWR – Dworshak
PRD – Priest Rapids
ALF – Albeni Falls
GCL – Grand Coulee
RCC – Reservoir Control Center
RFC – River Forecast Center
USBR – US Bureau of Reclamation

ID	Task Name	Start	Finish
1	LIB Operate to Minimum Flows / Ramp Rates	10/1/19	9/30/20
2	HGH Operate to Minimum Flows / Ramp Rates	10/1/19	9/30/20
3	TMT Assess Potential of Providing Flow for Chinook Below BON	10/1/19	11/30/19
4	TMT Assess Potential of Providing Flow for Chum Below BON	10/1/19	11/30/19
5	TMT Preliminary Discussions of Flood Control / Refill	10/1/19	10/1/19
6	TMT Albeni Falls Fall / Winter Draw Down Discussions	10/1/19	10/1/19
7	Hanford Reach / Vernita Bar Flows Set (Non-BiOp)	10/1/19	10/1/19
8	DWR Operate at Minimum Outflow	10/1/19	12/31/19
9	PRD Vernita Bar Protection Flows (Non-BiOp)	10/1/19	5/9/20
10	MCN Waterfowl Hunting Enhancement (Non-BiOp)	10/1/19	1/31/20
11	LIB Storage May be Used to Support Chum Flows	11/2/19	2/23/20
12	HGH Storage May be Used to Support Chum Flows	11/2/19	2/23/20
13	ALF Storage May be Used to Support Chum Flows	11/2/19	2/23/20
14	GCL Storage May be Used to Support Chum Flows	11/2/19	2/23/20
15	DWR Storage May be Used to Support Chum Flows	11/2/19	2/23/20
16	BON Provide Chum Tailwater	11/1/19	4/10/20
17	TMT Determine Winter / Spring Chum Flow Levels	10/1/19	4/10/20
18	HEPB Determine Flood Control / Refill Strategies	12/1/19	4/16/20
19	HEPB Determine Flood Control Shifts	12/1/19	4/16/20
20	LIB Operate to Flood Control Curve	12/1/19	6/30/20
21	DWR Operate to Flood Control Curve	12/1/19	6/30/20
22	ALF Operate to Flood Control Curve	9/10/19	6/22/20
23	GCL Operate to Flood Control Curve	12/1/19	6/30/20
24	HGH Operate to Flood Control Curve	12/1/19	6/30/20
25	ARDB Whitefish Flows 45-55 kcfs (non-BiOp)	12/1/19	1/31/20
26	LIB Burbot Flows 6-8 kcfs (non-BiOp)	10/1/19	2/28/20

ID	Task Name	Start	Finish
27	ARDB 1 MAF Flow Augmentation Filling	1/1/20	4/25/20
28	RFC January Final Forecast	1/4/20	1/4/20
29	TMT Begin Spring Transport Discussions	3/1/20	3/1/20
30	TMT Hanford Reach Operations Discussions (non-BiOp)	2/1/20	2/1/20
31	RFC February Final Forecast	2/3/20	2/3/20
32	USBR Min. Flows from HGH and at Columbia Falls Set	3/1/20	3/1/20
33	BON Spring Creek Hatchery Release from Bon Hatch (non-BiOp)	4/1/20	4/30/20
34	RFC March Final Forecast	3/3/20	3/3/20
35	LWG Operate to 1% Peak Efficiency	4/1/20	10/31/20
36	LGS Operate to 1% Peak Efficiency	4/1/20	10/31/20
37	LMN Operate to 1% Peak Efficiency	4/1/20	10/31/20
38	IHR Operate to 1% Peak Efficiency	4/1/20	10/31/20
39	MCN Operate to 1% Peak Efficiency	4/1/20	10/31/20
40	JDA Operate to 1% Peak Efficiency	4/1/20	10/31/20
41	TDA Operate to 1% Peak Efficiency	4/1/20	10/31/20
42	BON Operate Units in Accordance with the Fish Passage Plan	4/1/20	10/31/20
43	MCN Protect Nesting Waterfowl (non-BiOp)	3/1/20	5/31/20
44	LIB Start Operational Plan	4/1/20	4/1/20
45	HGH Start Operational Plan	4/1/20	4/1/20
46	TDA Wasco Co. Sampling Tuesdays (non-BiOp)	4/1/20	8/29/20
47	USBR Upper Snake Augmentation Determined	4/1/20	4/1/20
48	PRD Hanford Reach Protection Flows (non-BiOp)	4/1/20	6/28/20
49	ARDB Trout Spawning Flows 15-25 kcfs (non-BiOp)	4/1/20	6/28/20
50	LWG Spring Flow Objective	4/3/20	6/20/20
51	LWG MOP Operation	4/3/20	8/31/20
52	LGS MOP Operation	4/3/20	8/31/20
53	LMN MOP Operation	4/3/20	8/31/20

ID	Task Name	Start	Finish
54	IHR MOP Operation	4/3/20	8/31/20
55	LWG Spill for Juvenile Fish Operation	4/3/20	8/31/20
56	LGS Spill for Juvenile Fish Operation	4/3/20	8/31/20
57	LMN Spill for Juvenile Fish Operation	4/3/20	8/31/20
58	IHR Spill for Juvenile Fish Operation	4/3/20	8/31/20
59	RFC April Final Forecast	4/3/20	4/3/20
60	TMT Set Flow Objectives / Refill Strategy	4/7/20	4/7/20
61	LIB at April 10 Flood Control Elevation	4/10/20	4/10/20
62	GCL at April 10 Flood Control Elevation	4/10/20	4/10/20
63	DWR at April 10 Flood Control Elevation	4/10/20	4/10/20
64	HGH at April 10 Flood Control Elevation	4/10/20	4/10/20
65	ALB at April 10 Flood Control Elevation	4/10/20	4/10/20
66	MCN Spring Flow Objective	4/10/20	6/30/20
67	PRD Spring Flow Objective	4/10/20	6/30/20
68	JDA Minimum Irrigation Pool	4/10/20	9/30/20
69	MCN Spill for Juvenile Fish Passage	4/10/20	8/31/20
70	JDA Spill for Juvenile Fish Passage	4/10/20	8/31/20
71	TDA Spill for Juvenile Fish Passage	4/10/20	8/31/20
72	BON Spill for Juvenile Fish Passage	4/10/20	8/31/20
73	HGH Operational Plan Due	11/17/20	11/17/20
74	LIB Operational Plan Due	5/3/20	5/3/20
75	LIB Sturgeon Pulse	5/16/20	6/30/20
76	ARDB 1MAF Flow Augmentation Drafting (non-BiOp)	5/3/20	7/29/20
77	RFC May Final Forecast	5/3/20	5/3/20
78	TMT Determine Volume of Water Available for Sturgeon Pulse	5/1/20	5/1/20
79	RFC June Final Forecast	6/5/20	6/5/20
80	TMT Determine Summer Flow Objective	6/7/20	6/7/20

ID	Task Name	Start	Finish
81	DWR Temperature Modeling and Release Strategy	6/15/20	6/15/20
82	Start Work on Next Year's Water Management Plan	6/15/20	6/15/20
83	LWG Summer Flow Objective	6/21/20	8/31/20
84	LIB Refill by June 30	6/30/20	6/30/20
85	GCL Refill by June 30	6/30/20	6/30/20
86	DWR Refill by June 30	6/30/20	6/30/20
87	HGH Refill by June 30	6/30/20	6/30/20
88	ALF Refill by June 30	6/30/20	6/30/20
89	LIB Operate to Meet Summer Flow Objectives	7/1/20	8/31/20
90	GCL Operate to Meet Summer Flow Objectives	7/1/20	8/31/20
91	HGH Operate to Meet Summer Flow Objectives	7/1/20	8/31/20
92	ALF Operate to Meet Summer Flow Objectives	7/1/20	8/31/20
93	DWR Operate to Meet Summer Flow Objectives	7/1/20	8/31/20
94	MCN Summer Flow Objective	7/1/20	8/31/20
95	GCL Operate Banks Lake 5 ft. from Full	7/1/20	8/31/20
96	LIB Bull Trout Releases	7/1/20	8/1/20
97	LIB Libby / Arrow Swap Considered	7/1/20	7/1/20
98	RFC July Final Forecast	7/3/20	7/3/20
99	DWR Draft to Elevation 1535 feet	8/31/20	8/31/20
100	GCL Summer Draft Limit 1280 or 1278 ft.	8/31/20	8/31/20
101	GCL Banks Lake Drafted to 1565 ft.	8/31/20	8/31/20
102	LIB Draft to 10 Feet from Full *except in lowest 20 th percentile water years	9/30/20	9/30/20
103	HGH Summer Draft Limit 3540 ft.	9/30/20	9/30/20
104	DWR Draft to elevation 1520 feet	9/30/20	9/30/20
105	GCL Kokanee Forebay Elevation 1283 ft. (non-BiOp)	9/30/20	9/30/20