

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

ID	Task Name	Start	Finish
27	RFC January Final Forecast	1/4/21	1/4/21
28	TMT Begin Spring Transport Discussions	3/1/21	3/1/21
29	TMT Hanford Reach Operations Discussions (non-BiOp)	2/1/21	2/1/21
30	RFC February Final Forecast	2/3/21	2/3/21
31	USBR Min. Flows from HGH and at Columbia Falls Set	3/1/21	3/1/21
32	BON Spring Creek Hatchery Release from Bon Hatch (non-BiOp)	4/1/21	4/30/21
33	RFC March Final Forecast	3/3/21	3/3/21
34	MCN Protect Nesting Waterfowl (non-BiOp)	3/1/21	5/31/21
35	LIB Start Operational Plan	4/1/21	4/1/21
36	HGH Start Operational Plan	4/1/21	4/1/21
37	TDA Wasco Co. Sampling Tuesdays (non-BiOp)	4/1/21	8/29/21
38	USBR Upper Snake Augmentation Determined	4/1/21	4/1/21
39	PRD Hanford Reach Protection Flows (non-BiOp)	4/1/21	6/28/21
40	ARDB Trout Spawning Flows 15-25 kcfs (non-BiOp)	4/1/21	6/28/21
41	LWG Spring Flow Objective	4/3/21	6/20/21
42	LWG MOP Operation	4/3/21	8/15/21
43	LGS MOP Operation	4/3/21	8/15/21
44	LMN MOP Operation	4/3/21	8/15/21
45	IHR MOP Operation	4/3/21	8/15/21
46	LWG Spill for Juvenile Fish Operation	4/3/21	8/31/21
47	LGS Spill for Juvenile Fish Operation	4/3/21	8/31/21
48	LMN Spill for Juvenile Fish Operation	4/3/21	8/31/21
49	IHR Spill for Juvenile Fish Operation	4/3/21	8/31/21
50	RFC April Final Forecast	4/3/21	4/3/21
51	TMT Set Flow Objectives / Refill Strategy	4/7/21	4/7/21
52	LIB at April 10 Flood Control Elevation	4/10/21	4/10/21
53	GCL at April 10 Flood Control Elevation	4/10/21	4/10/21

ID	Task Name	Start	Finish
54	DWR at April 10 Flood Control Elevation	4/10/21	4/10/21
55	HGH at April 10 Flood Control Elevation	4/10/21	4/10/21
56	ALB at April 10 Flood Control Elevation	4/10/21	4/10/21
57	MCN Spring Flow Objective	4/10/21	6/30/21
58	PRD Spring Flow Objective	4/10/21	6/30/21
59	MCN Spill for Juvenile Fish Passage	4/10/21	8/31/21
60	JDA Spill for Juvenile Fish Passage	4/10/21	8/31/21
61	TDA Spill for Juvenile Fish Passage	4/10/21	8/31/21
62	BON Spill for Juvenile Fish Passage	4/10/21	8/31/21
63	HGH Operational Plan Due	11/17/21	11/17/21
64	LIB Operational Plan Due	5/3/21	5/3/21
65	LIB Sturgeon Pulse	5/16/21	6/30/21
66	ARDB 1MAF Flow Augmentation Drafting (non-BiOp)	5/3/21	7/29/21
67	RFC May Final Forecast	5/3/21	5/3/21
68	TMT Determine Volume of Water Available for Sturgeon Pulse	5/1/21	5/1/21
69	RFC June Final Forecast	6/5/21	6/5/21
70	TMT Determine Summer Flow Objective	6/7/21	6/7/21
71	DWR Temperature Modeling and Release Strategy	6/15/21	6/15/21
72	Start Work on Next Year's Water Management Plan	6/15/21	6/15/21
73	LWG Summer Flow Objective	6/21/21	8/31/21
74	LIB Refill by June 30	6/30/21	6/30/21
75	GCL Refill by June 30	6/30/21	6/30/21
76	DWR Refill by June 30	6/30/21	6/30/21
77	HGH Refill by June 30	6/30/21	6/30/21
78	ALF Refill by June 30	6/30/21	6/30/21
79	LIB Operate to Meet Summer Flow Objectives	7/1/21	8/31/21
80	GCL Operate to Meet Summer Flow Objectives	7/1/21	8/31/21

ID	Task Name	Start	Finish
81	HGH Operate to Meet Summer Flow Objectives	7/1/21	8/31/21
82	ALF Operate to Meet Summer Flow Objectives	7/1/21	8/31/21
83	DWR Operate to Meet Summer Flow Objectives	7/1/21	8/31/21
84	MCN Summer Flow Objective	7/1/21	8/31/21
85	GCL Operate Banks Lake 5 ft. from Full	7/1/21	8/31/21
86	LIB Bull Trout Releases	7/1/21	8/1/21
87	LIB Libby / Arrow Swap Considered	7/1/21	7/1/21
88	RFC July Final Forecast	7/3/21	7/3/21
89	DWR Draft to Elevation 1535 feet	8/31/21	8/31/21
90	GCL Summer Draft Limit 1280 or 1278 ft.	8/31/21	8/31/21
91	GCL Banks Lake Drafted to 1565 ft.	8/31/21	8/31/21
92	LIB Summer Draft to End of September Elevation	9/30/21	9/30/21
93	HGH Summer Draft Limit 3540 ft.	9/30/21	9/30/21
94	DWR Draft to elevation 1520 feet	9/30/21	9/30/21
95	GCL Kokanee Forebay Elevation 1283 ft. (non-BiOp)	9/30/21	9/30/21