

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	10/1/21	9/30/22
2	HGH Operate to Minimum Flows / Ramp Rates	10/1/21	9/30/22
3	TMT Assess Potential of Providing Flow for Chinook Below BON	10/1/21	11/30/21
4	TMT Assess Potential of Providing Flow for Chum Below BON	10/1/21	11/30/21
5	TMT Preliminary Discussions of FRM/Water Supply / Refill	10/1/21	10/1/21
6	Albeni Falls Fall / Winter Draw Down to MCE	09/20/21	11/15/21
7	Hanford Reach / Vernita Bar Flows Set (Non-BiOp)	10/1/21	11/26/21
8	DWR Operate at Minimum Outflow/FRM	10/1/21	12/31/21
9	PRD Vernita Bar Protection Flows (Non-BiOp)	11/26/21	5/9/22
10	LIB Storage May be Used to Support Chum Flows	11/2/21	2/23/22
11	HGH Storage May be Used to Support Chum Flows	11/2/21	2/23/22
12	ALF Storage May be Used to Support Chum Flows	11/2/21	2/23/22
13	GCL Storage May be Used to Support Chum Flows	11/2/21	2/23/22
14	BON Provide Chum Tailwater	11/1/21	4/10/22
15	TMT Determine Winter / Spring Chum Flow Levels	11/1/21	4/10/22
16	HEPB Determine FRM / Refill Strategies	12/1/21	4/16/22
17	HEPB Determine FRM Shifts	12/1/21	4/16/22
18	LIB Operate to FRM Curve	12/1/21	6/30/22
19	DWR Operate to FRM Curve/VDL	12/1/21	6/30/22
20	ALF Operate to FRM Curve/FWPO	9/10/21	6/22/22
21	GCL Operate to FRM Curve/VDL	1/1/22	4/30/22
22	HGH Operate to FRM Curve/VDL	10/1/21	4/30/22
23	ARDB Whitefish Flows (non-BiOp)	12/1/21	1/31/22
24	TMT Preliminary Coordination of Zero Generation Operations	11/17/21	2/28/22
25	1 MAF Treaty Flow Augmentation Filling	1/1/22	4/25/22

ID	Task Name	Start	Finish
26	RFC January Final Forecast	1/5/22	1/5/22
27	TMT Begin Spring Transport Discussions	3/1/22	3/1/22
28	TMT Mid-C Flows Discussions	4/1/22	5/15/22
29	RFC February Final Forecast	2/3/22	2/3/22
30	USBR Min. Flows from HGH and at Columbia Falls Set	3/1/22	3/1/22
31	RFC March Final Forecast	3/3/22	3/3/22
32	Reclamation Reports Est. of Upper Snake Augmentation Volumes	3/1/22	6/30/22
33	PRD Hanford Reach Protection Flows (non-BiOp)	11/26/22	6/28/22
34	ARDB Trout Spawning Flows (non-BiOp)	4/1/22	6/28/22
35	LWG Spring Flow Objective	4/3/22	6/20/22
36	LWG MOP Operation	4/3/22	8/15/22
37	LGS MOP Operation	4/3/22	8/15/22
38	LMN MOP Operation	4/3/22	8/15/22
39	IHR MOP Operation	4/3/22	8/15/22
40	LWG Spill for Juvenile Fish Operation	4/3/22	8/31/22
41	LGS Spill for Juvenile Fish Operation	4/3/22	8/31/22
42	LMN Spill for Juvenile Fish Operation	4/3/22	8/31/22
43	IHR Spill for Juvenile Fish Operation	4/3/22	8/31/22
44	RFC April Final Forecast	4/5/22	4/5/22
45	LIB at April 10 Elevation Objective	4/10/22	4/10/22
46	GCL at April 10 Elevation Objective	4/10/22	4/10/22

ID	Task Name	Start	Finish
47	DWR at April 10 Elevation Objective	4/10/22	4/10/22
48	HGH at April 10 Elevation Objective	4/10/22	4/10/22
49	MCN Spring Flow Objective	4/10/22	6/30/22
50	PRD Spring Flow Objective	4/10/22	6/30/22
51	MCN Spill for Juvenile Fish Passage	4/10/22	8/31/22
52	JDA Spill for Juvenile Fish Passage	4/10/22	8/31/22
53	TDA Spill for Juvenile Fish Passage	4/10/22	8/31/22
54	BON Spill for Juvenile Fish Passage	4/10/22	8/31/22
55	LIB Sturgeon Pulse	5/16/22	6/30/22
56	1MAF Flow Augmentation Release	4/10/22	7/29/22
57	RFC May Final Forecast	5/4/22	5/4/22
58	Volume Forecast to Determine Sturgeon Pulse Volume	5/1/22	5/1/22
59	RFC June Final Forecast	6/3/22	6/3/22
60	TDA Summer Flow Objective	6/7/22	6/7/22
61	DWR Temperature Modeling and Release Strategy	6/15/22	6/15/22
62	LWG Summer Flow Objective	6/21/22	8/31/22
63	LIB Refill	6/20/22	7/30/22
64	GCL Refill and July 4 th Operation coordinated in-season	6/30/22	7/31/22
65	DWR Refill by about June 30 or earlier in dry years	6/1/22	6/30/22
66	HGH Refill ~June 30	6/30/22	6/30/22
67	ALF Refill by June 30	6/30/22	6/30/22
68	GCL Operate to Meet Summer Flow Objectives	7/1/22	8/31/22

ID	Task Name	Start	Finish
68	DWR Operate to Meet Tailrace Water Temperature at LWG	6/20/22	8/31/22
69	MCN Summer Flow Objective	7/1/22	8/31/22
70	GCL Operate Banks Lake 5 ft. from full or lower	7/1/22	8/31/22
71	LIB Bull Trout Minimum Flow	7/1/22	9/30/22
72	RFC July Final Forecast	7/6/22	7/6/22
73	DWR Draft no lower than Elevation 1535 feet	8/31/22	8/31/22
74	GCL Summer Draft Limit 1280 or 1278 ft. minus Incremental Adjustment	8/31/22	8/31/22
75	LIB Summer Draft to End of September Elevation	9/30/22	9/30/22
76	HGH Operate to Summer Draft Limit 3540 ft to 3550 ft.	6/30/22	9/30/22
77	DWR Draft to elevation 1520 feet	9/30/22	9/30/22
78	GCL Fall Refill to Elevation 1283 ft. (non-BiOp)	9/1/22	10/31/22