

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

ID	Task Name	Start	Finish
27	ARDB 1 MAF Flow Augmentation Filling	1/1/13	4/25/13
28	RFC January Final Forecast	1/8/13	1/8/13
29	TMT Begin Discussing Spring Operations	2/1/13	3/1/13
30	TMT Begin Spring Transport Discussions	2/1/13	2/1/13
31	TMT Hanford Reach Operations Discussions (non-BiOp)	2/1/13	2/1/13
32	RFC February Final Forecast	2/7/13	2/7/13
33	USBR Min. Flows from HGH and at Columbia Falls Set	3/1/13	3/1/13
34	BON Spring Creek Hatchery Release from Bon Hatch (non-BiOp)	3/1/13	3/10/13
35	RCC Outlook for Meeting Flow Objectives Prepared	3/1/13	3/1/13
36	RFC March Final Forecast	3/7/12	3/7/12
37	LWG Operate to 1% Peak Efficiency	4/1/13	10/31/13
38	LGS Operate to 1% Peak Efficiency	4/1/13	10/31/13
39	LMN Operate to 1% Peak Efficiency	4/1/13	10/31/13
40	IHR Operate to 1% Peak Efficiency	4/1/13	10/31/13
41	MCN Operate to 1% Peak Efficiency	4/1/13	10/31/13
42	JDA Operate to 1% Peak Efficiency	4/1/13	10/31/13
43	TDA Operate to 1% Peak Efficiency	4/1/13	10/31/13
44	BON Operate to 1% Peak Efficiency	4/1/13	10/31/13
45	MCN Protect Nesting Waterfowl (non-BiOp)	3/15/13	7/13/13
46	Juvenile Fish Collection	3/29/13	9/28/13
47	LIB Start Operational Plan	4/1/13	4/1/13
48	HGH Start Operational Plan	4/1/13	4/1/13
49	TDA Wasco Co. Sampling Tuesdays (non-BiOp)	4/1/13	8/29/13
50	USBR Upper Snake Augmentation Determined	4/1/13	4/1/13
51	PRD Hanford Reach Protection Flows (non-BiOp)	4/1/13	6/28/13
52	ARDB Trout Spawning Flows 15-25 kcfs (non-BiOp)	4/1/13	6/28/13
53	LWG Spring Flow Objective	4/3/13	6/20/13

ID	Task Name	Start	Finish
54	LWG MOP Operation	4/3/13	8/31/13
55	LGS MOP Operation	4/3/13	8/31/13
56	LMN MOP Operation	4/3/13	8/31/13
57	IHR MOP Operation	4/3/13	8/31/13
58	LWG Spill for Juvenile Fish Operation	4/3/13	8/31/13
59	LGS Spill for Juvenile Fish Operation	4/3/13	8/31/13
60	LMN Spill for Juvenile Fish Operation	4/3/13	8/31/13
61	IHR Spill for Juvenile Fish Operation	4/3/13	8/31/13
62	RFC April Final Forecast	4/5/13	4/5/13
63	TMT Set Flow Objectives / Refill Strategy	4/7/13	4/7/13
64	LIB Be at April 10 Flood Control Elevation	4/10/13	4/10/13
65	GCL Be at April 10 Flood Control Elevation	4/10/13	4/10/13
66	DWR Be at April 10 Flood Control Elevation	4/10/13	4/10/13
67	HGH Be at April 10 Flood Control Elevation	4/10/13	4/10/13
68	ALB Be at April 10 Flood Control Elevation	4/10/13	4/10/13
69	MCN Spring Flow Objective	4/10/13	6/30/13
70	PRD Spring Flow Objective	4/10/13	6/30/13
71	JDA Minimum Irrigation Pool	4/10/13	9/30/13
72	MCN Spill for Juvenile Fish Passage	4/10/13	8/31/13
73	JDA Spill for Juvenile Fish Passage	4/10/13	8/31/13
74	TDA Spill for Juvenile Fish Passage	4/10/13	8/31/13
75	BON Spill for Juvenile Fish Passage	4/10/13	8/31/13
76	HGH Operational Plan Due	11/17/12	11/17/12
77	LIB Operational Plan Due	5/3/13	5/3/13
78	LIB Sturgeon Pulse	5/15/13	6/30/13
79	ARDB 1MAF Flow Augmentation Drafting (non-BiOp)	5/3/13	7/29/13
80	RFC May Final Forecast	5/7/13	5/7/13

ID	Task Name	Start	Finish
81	TMT Determine Volume of Water Available for Sturgeon Pulse	5/1/13	5/1/13
82	RFC June Final Forecast	6/6/13	6/6/13
83	TMT Determine Summer Flow Objective	6/7/13	6/7/13
84	DWR Temperature Modeling and Release Strategy	6/15/13	6/15/13
85	Start Work on Next Years Water Management Plan	6/15/13	6/15/13
86	LWG Summer Flow Objective	6/21/13	8/31/13
87	LIB Refill by June 30	6/30/13	6/30/13
88	GCL Refill by June 30	6/30/13	6/30/13
89	DWR Refill by June 30	6/30/13	6/30/13
90	HGH Refill by June 30	6/30/13	6/30/13
91	ALF Refill by June 30	6/30/13	6/30/13
92	MCN Determine Summer Transport Date	7/1/13	7/1/13
93	LIB Operate to Meet Summer Flow Objectives	7/1/13	8/31/13
94	GCL Operate to Meet Summer Flow Objectives	7/1/13	8/31/13
95	HGH Operate to Meet Summer Flow Objectives	7/1/13	8/31/13
96	ALF Operate to Meet Summer Flow Objectives	7/1/13	8/31/13
97	DWR Operate to Meet Summer Flow Objectives	7/1/13	8/31/13
98	MCN Summer Flow Objective	7/1/13	8/31/13
99	GCL Operate Banks Lake 5 ft. from Full	7/1/13	8/31/13
100	LIB Bull Trout Releases	7/1/13	8/1/13
101	LIB Libby / Arrow Swap Considered	7/1/13	7/1/13
102	DWR Draft to Elevation 1535 feet	8/31/13	8/31/13
103	GCL Summer Draft Limit 1280 or 1278 ft.	8/31/13	8/31/13
104	GCL Banks Lake Drafted to 1565 ft.	8/31/13	8/31/13
105	LIB Draft to 10 Feet from Full *except in lowest 20 th percentile water years	9/30/13	9/30/13
106	HGH Summer Draft Limit 3540 ft.	9/30/13	9/30/13
107	DWR Draft to elevation 1520 feet	9/30/13	9/30/13

ID	Task Name	Start	Finish
108	DWR Operate to Minimum Outflow	9/1/13	9/30/13
109	GCL Kokanee Forebay Elevation 1283 ft. (non-BiOp)	9/30/13	9/30/13