

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

ID	Task Name	Start	Finish
27	ARDB 1 MAF Flow Augmentation Filling	1/1/14	4/25/14
28	RFC January Final Forecast	1/8/14	1/8/14
29	TMT Begin Discussing Spring Operations	2/1/14	3/1/14
30	TMT Begin Spring Transport Discussions	2/1/14	2/1/14
31	TMT Hanford Reach Operations Discussions (non-BiOp)	2/1/14	2/1/14
32	RFC February Final Forecast	2/7/14	2/7/14
33	USBR Min. Flows from HGH and at Columbia Falls Set	3/1/14	3/1/14
34	BON Spring Creek Hatchery Release from Bon Hatch (non-BiOp)	3/1/14	3/10/14
35	RCC Outlook for Meeting Flow Objectives Prepared	3/1/14	3/1/14
36	RFC March Final Forecast	3/7/14	3/7/14
37	LWG Operate to 1% Peak Efficiency	4/1/14	10/31/14
38	LGS Operate to 1% Peak Efficiency	4/1/14	10/31/14
39	LMN Operate to 1% Peak Efficiency	4/1/14	10/31/14
40	IHR Operate to 1% Peak Efficiency	4/1/14	10/31/14
41	MCN Operate to 1% Peak Efficiency	4/1/14	10/31/14
42	JDA Operate to 1% Peak Efficiency	4/1/14	10/31/14
43	TDA Operate to 1% Peak Efficiency	4/1/14	10/31/14
44	BON Operate to 1% Peak Efficiency	4/1/14	10/31/14
45	MCN Protect Nesting Waterfowl (non-BiOp)	3/15/14	7/13/14
46	Juvenile Fish Collection	4/20/14	10/31/14
47	LIB Start Operational Plan	4/1/14	4/1/14
48	HGH Start Operational Plan	4/1/14	4/1/14
49	TDA Wasco Co. Sampling Tuesdays (non-BiOp)	4/1/14	8/29/14
50	USBR Upper Snake Augmentation Determined	4/1/14	4/1/14
51	PRD Hanford Reach Protection Flows (non-BiOp)	4/1/14	6/28/14
52	ARDB Trout Spawning Flows 15-25 kcfs (non-BiOp)	4/1/14	6/28/14
53	LWG Spring Flow Objective	4/3/14	6/20/14

ID	Task Name	Start	Finish
54	LWG MOP Operation	4/3/14	8/31/14
55	LGS MOP Operation	4/3/14	8/31/14
56	LMN MOP Operation	4/3/14	8/31/14
57	IHR MOP Operation	4/3/14	8/31/14
58	LWG Spill for Juvenile Fish Operation	4/3/14	8/31/14
59	LGS Spill for Juvenile Fish Operation	4/3/14	8/31/14
60	LMN Spill for Juvenile Fish Operation	4/3/14	8/31/14
61	IHR Spill for Juvenile Fish Operation	4/3/14	8/31/14
62	RFC April Final Forecast	4/5/14	4/5/14
63	TMT Set Flow Objectives / Refill Strategy	4/7/14	4/7/14
64	LIB Be at April 10 Flood Control Elevation	4/10/14	4/10/14
65	GCL Be at April 10 Flood Control Elevation	4/10/14	4/10/14
66	DWR Be at April 10 Flood Control Elevation	4/10/14	4/10/14
67	HGH Be at April 10 Flood Control Elevation	4/10/14	4/10/14
68	ALB Be at April 10 Flood Control Elevation	4/10/14	4/10/14
69	MCN Spring Flow Objective	4/10/14	6/30/14
70	PRD Spring Flow Objective	4/10/14	6/30/14
71	JDA Minimum Irrigation Pool	4/10/14	9/30/14
72	MCN Spill for Juvenile Fish Passage	4/10/14	8/31/14
73	JDA Spill for Juvenile Fish Passage	4/10/14	8/31/14
74	TDA Spill for Juvenile Fish Passage	4/10/14	8/31/14
75	BON Spill for Juvenile Fish Passage	4/10/14	8/31/14
76	HGH Operational Plan Due	11/17/14	11/17/14
77	LIB Operational Plan Due	5/3/14	5/3/14
78	LIB Sturgeon Pulse	5/15/14	6/30/14
79	ARDB 1MAF Flow Augmentation Drafting (non-BiOp)	5/3/14	7/29/14
80	RFC May Final Forecast	5/7/14	5/7/14

ID	Task Name	Start	Finish
81	TMT Determine Volume of Water Available for Sturgeon Pulse	5/1/14	5/1/14
82	RFC June Final Forecast	6/6/14	6/6/14
83	TMT Determine Summer Flow Objective	6/7/14	6/7/14
84	DWR Temperature Modeling and Release Strategy	6/15/14	6/15/14
85	Start Work on Next Years Water Management Plan	6/15/14	6/15/14
86	LWG Summer Flow Objective	6/21/14	8/31/14
87	LIB Refill by June 30	6/30/14	6/30/14
88	GCL Refill by June 30	6/30/14	6/30/14
89	DWR Refill by June 30	6/30/14	6/30/14
90	HGH Refill by June 30	6/30/14	6/30/14
91	ALF Refill by June 30	6/30/14	6/30/14
92	LIB Operate to Meet Summer Flow Objectives	7/1/14	8/31/14
93	GCL Operate to Meet Summer Flow Objectives	7/1/14	8/31/14
94	HGH Operate to Meet Summer Flow Objectives	7/1/14	8/31/14
95	ALF Operate to Meet Summer Flow Objectives	7/1/14	8/31/14
96	DWR Operate to Meet Summer Flow Objectives	7/1/14	8/31/14
97	MCN Summer Flow Objective	7/1/14	8/31/14
98	GCL Operate Banks Lake 5 ft. from Full	7/1/14	8/31/14
99	LIB Bull Trout Releases	7/1/14	8/1/14
100	LIB Libby / Arrow Swap Considered	7/1/14	7/1/14
101	DWR Draft to Elevation 1535 feet	8/31/14	8/31/14
102	GCL Summer Draft Limit 1280 or 1278 ft.	8/31/14	8/31/14
103	GCL Banks Lake Drafted to 1565 ft.	8/31/14	8/31/14
104	LIB Draft to 10 Feet from Full *except in lowest 20 th percentile water years	9/30/14	9/30/14
105	HGH Summer Draft Limit 3540 ft.	9/30/14	9/30/14
106	DWR Draft to elevation 1520 feet	9/30/14	9/30/14
107	DWR Operate to Minimum Outflow	9/1/14	9/30/14

ID	Task Name	Start	Finish
108	GCL Kokanee Forebay Elevation 1283 ft. (non-BiOp)	9/30/14	9/30/14