

Modified spill patterns to improve adult passage conditions at the Lower Monumental Dam South Ladder.

To be implemented July 6, 2016, through August 31, 2016 (or sooner if Bay 2 is returned to service).

**Table LMN-9-MODIFIED. Lower Monumental Dam Bulk Spill Patterns with RSW (Bay 2 Closed).** <sup>a, b</sup> *Modified for Bay 2 Out of Service, July 6, 2016*

LMN Bulk Spill Patterns - # Gate Stops per Spillbay								Total Stops (#)	Spill <sup>a</sup> (kcfs)
Bay 1	Bay 2	Bay 3	Bay 4	Bay 5	Bay 6	Bay 7	Bay 8 <sup>b</sup>		
1	OOS	1			4		RSW	6	16.3
1	OOS	1			5		RSW	7	17.8
1	OOS	1		1	5		RSW	8	19.6
1	OOS	2		1	5		RSW	9	21.3
1	OOS	3		1	5		RSW	10	23.1

**Table LMN- 11-MODIFIED. Lower Monumental Dam Spill Patterns with No RSW (Bays 8 Closed).** <sup>a, b</sup> *Modified for Bay 2 Out of Service, July 6, 2016*

LMN Spill Patterns w/ NO RSW - # Gate Stops per Spillbay								Total Stops (#)	Spill <sup>a</sup> (kcfs)
Bay 1	Bay 2	Bay 3	Bay 4	Bay 5	Bay 6	Bay 7	Bay 8 <sup>b</sup>		
1	OOS						CLOSE	1	1.8
1	OOS					1	CLOSE	2	3.6
1	OOS			1		1	CLOSE	3	5.4
1	OOS	1		1		1	CLOSE	4	6.9
1	OOS	1		1		2	CLOSE	5	8.4
1	OOS	1		2		2	CLOSE	6	9.9
1	OOS	1		2		3	CLOSE	7	11.4
1	OOS	1		3		3	CLOSE	8	12.9
1	OOS	1		3		4	CLOSE	9	14.3
1	OOS	1		3		5	CLOSE	10	16.0

a. This table defines spill patterns in increments of one gate stop per row. Spill (kcfs) is calculated as a function of total stops at forebay elevation 537.0 ft (based on interim spillway rating table 2-Apr-2009).

b. When total project outflow is < 30 kcfs, RSW will be closed and spill distributed in patterns defined in this table (see section 2.3.3.7.v).