Table MCN-X. McNary 2008 Spill Pattern for fish passage. (Discharge at forebay elevation 339)

(10 June 2008)

SPILLWAY BAY (Gate Opening in feet)																						Total Stops	Total Spill
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		(kcfs)
																		5.5	5.2	1		11.7	20.7
																	1	5.5	5.2	1		12.7	22.7
																	1	5.5	5.2	1	1	13.7	24.7
																	1	5.5	5.2	2	1	14.7	26.6
																	2	5.5	5.2	2	1	15.7	28.5
																1	2	5.5	5.2	2	1	16.7	30.5
																2	2	5.5	5.2	2	1	17.7	32.4
														1		2	2	5.5	5.2	2	1	18.7	34.4
														1		2	2	5.5	5.2	2	2	19.7	36.3
														2		2	2	5.5	5.2	2	2	20.7	38.2
														2	1	2	2	5.5	5.2	2	2	21.7	40.2
														2	2	2	2	5.5	5.2	2	2	22.7	42.1
													1	2	2	2	2	5.5	5.2	2	2	23.7	44.1
													2	2	2	2	2	5.5	5.2	2	2	24.7	46.0
										1		2		2	2	2	2	5.5	5.2	2	2	25.7	48.0
										2		2		2	2	2	2	5.5	5.2	2	2	26.7	49.9
								1		2		2		2	2	2	2	5.5	5.2	2	2	27.7	51.9
								2		2		2		2	2	2	2	5.5	5.2	2	2	28.7	53.8
								2	1	2		2		2	2	2	2	5.5	5.2	2	2	29.7	55.8
								2	2	2		2		2	2	2	2	5.5	5.2	2	2	30.7	57.7
								2	2	2		2	1	2	2	2	2	5.5	5.2	2	2	31.7	59.7
								2	**2**	**2**		**2**	**2**	**2**	**2**	**2**	**2**	**5.5**	**5.2**	**2**	**2**	32.7	61.6
								2	2	2	1	2	2	2	2	2	2	5.5	5.2	2	2	33.7	63.6
								2	2	2	2	2	2	2	2	2	2	5.5	5.2	2	2	34.7	65.5
						1		2	2	2	2	2	2	2	2	2	2	5.5	5.2	2	2	35.7	67.5

1) TSWs in bays 19 and 20 have flow equivalent to 5.5 and 5.2 stops at forebay elevation of 339, respectively.

2) Raise gates for TSWs approximately 3 to 5 feet above water surface to ensure free surface and debris passage.

Table MCN-X. McNary 2008 Spill Pattern for fish passage. (Discharge at forebay elevation 339)

(10 June 2008)

SPILLWAY BAY (Gate Opening in feet)																						Total Stops	Total Spill
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		(kcfs)
						2		2	2	2	2	2	2	2	2	2	2	5.5	5.2	2	2	36.7	69.4
2.5	2	3.5				2		2		2		2	1	2		2	2	5.5	5.2	2	2	37.7	70.9
2.5	2	3.5				2		2		2		2	1	2	1	2	2	5.5	5.2	2	2	38.7	72.9
2.5	2	3.5			1	2		2		2		2	1	2	1	2	2	5.5	5.2	2	2	39.7	74.9
2.5	2	3.5			1	2		2	1	2		2	1	2	1	2	2	5.5	5.2	2	2	40.7	76.9
2.5	2	3.5			1	2		2	1	2	1	2	1	2	1	2	2	5.5	5.2	2	2	41.7	78.9
2.5	2	3.5			1	2	1	2	1	2	1	2	1	2	1	2	2	5.5	5.2	2	2	42.7	80.9
2.5	2	3.5	1		1	2	1	2	1	2	1	2	1	2	1	2	2	5.5	5.2	2	2	43.7	82.9
2.5	2	3.5	1		1	2	1	2	1	2	1	2	1	2	1	2	2	5.5	5.2	2.5	2.5	44.7	84.6
2.5	2	3.5	1		1	2	1	2	1	2	1	2	2	2	1	2	2	5.5	5.2	2.5	2.5	45.7	86.5
2.5	2	3.5	1		1	2	1	2	1	2	1	2	2	2	2	2	2	5.5	5.2	2.5	2.5	46.7	88.4
2.5	2	3.5	1		2	2	1	2	1	2	1	2	2	2	2	2	2	5.5	5.2	2.5	2.5	47.7	90.3
2.5	2	3.5	1		2	2	1	2	2	2	1	2	2	2	2	2	2	5.5	5.2	2.5	2.5	48.7	92.2
2.5	2	3.5	1		2	2	1	2	2	2	2	2	2	2	2	2	2	5.5	5.2	2.5	2.5	49.7	94.1
2.5	2	3.5	1		2	2	2	2	2	2	2	2	2	2	2	2	2	5.5	5.2	2.5	2.5	50.7	96.0
2.5	2	3.5	2		2	2	2	2	2	2	2	2	2	2	2	2	2	5.5	5.2	2.5	2.5	51.7	97.9
2.5	2.5	4	2		2	2	2	2	2	2	2	2	2	2	2	2	2	5.5	5.2	2.5	2.5	52.7	99.5
2.5	2.5	4	2		2	2	2	2	2	2	2	2	2	2	2	2	2	5.5	5.2	3.5	2.5	53.7	101.2
2.5	2.5	4	2		2	2	2	2	2	2	2	2	2	2	2.5	2.5	3	5.5	5.2	2.5	2.5	54.7	102.9
2.5	2.5	4	2		2	2.5	2	2	2	2.5	2	2	2	2	2.5	2.5	3	5.5	5.2	2.5	2.5	55.7	104.6
2.5	2.5	4	2		2	2.5	2	2	2	2.5	2	2	2	2.5	2.5	2.5	3	5.5	5.2	2.5	2.5	56.2	105.5
2.5	2.5	4	2		2	2.5	2	2.5	2	2.5	2	2.5	2	2.5	2.5	2.5	3	5.5	5.2	2.5	2.5	57.2	107.2
2.5	2.5	4	2		2.5	2.5	2	2.5	2.5	2.5	2	2.5	2	2.5	2.5	2.5	3	5.5	5.2	2.5	2.5	58.2	108.9
2.5	2.5	4	2		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2	2.5	2.5	2.5	3	5.5	5.2	2.5	2.5	59.2	110.6
2.5	2.5	4	3		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2	2.5	2.5	2.5	3	5.5	5.2	2.5	2.5	60.2	112.3

1) TSWs in bays 19 and 20 have flow equivalent to 5.5 and 5.2 stops at forebay elevation of 339, respectively.

2) Raise gates for TSWs approximately 3 to 5 feet above water surface to ensure free surface and debris passage.

Table MCN-X. McNary 2008 Spill Pattern for fish passage. (Discharge at forebay elevation 339)

(10 June 2008)

SPILLWAY BAY (Gate Opening in feet)																						Total Stops	Total Spill
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		(kcfs)
2.5	2.5	4	3		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	5.5	5.2	3	2.5	61.2	114.0
2.5	2.5	4	3		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	3	3	5.5	5.2	3	2.5	62.2	115.7
2.5	2.5	4.5	3		2.5	2.5	2.5	2.5	2.5	3	2.5	2.5	2.5	2.5	3	3	3	5.5	5.2	3	2.5	63.2	117.3
2.5	2.5	4.5	3		2.5	3	2.5	3	2.5	3	2.5	3	2.5	2.5	3	3	3	5.5	5.2	3	2.5	64.7	119.9
2.5	2.5	4.5	3		3	3	2.5	3	2.5	3	2.5	3	2.5	3	3	3	3	5.5	5.2	3	2.5	65.7	121.6
2.5	2.5	5	3		3	3	2.5	3	3	3	2.5	3	2.5	3	3	3	3	5.5	5.2	3	2.5	66.7	123.2
2.5	2.5	5	3		3	3	3	3	3	3	3	3	2.5	3	3	3	3	5.5	5.2	3	2.5	67.7	124.9
3	3	5	3		3	3	3	3	3	3	3	3	2.5	3	3	3	3	5.5	5.2	3	2.5	68.7	126.6
3	3	5	3		3	3	3	3	3	3	3	3	3	3	3	3	3	5.5	5.2	3	3	69.7	128.3
3	3	5	3		3	3	3	3	3	3	3	3	3	3	3	3	4	5.5	5.2	3	3	70.7	129.9
3	3	5	3		3	3	3	3	3	3	3	3	3	3	3	4	4	5.5	5.2	3	3	71.7	131.5
3	4	5	3		3	3	3	3	3	3	3	3	3	3	3	4	4	5.5	5.2	3	3	72.7	133.1
4	4	5	3		3	3	3	3	3	3	3	3	3	3	3	4	4	5.5	5.2	3	3	73.7	134.7
4	4	5	3		3	4	3	3	3	3	3	3	3	3	3	4	4	5.5	5.2	3	3	74.7	136.3
4	4	5	3		3	4	3	3	3	4	3	3	3	3	3	4	4	5.5	5.2	3	3	75.7	137.9
4	4	5	3		3	4	3	3	3	4	3	3	3	4	3	4	4	5.5	5.2	3	3	76.7	139.5
4	4	5	3		3	4	3	4	3	4	3	3	3	4	3	4	4	5.5	5.2	3	3	77.7	141.1
4	4	5	3		3	4	3	4	3	4	3	4	3	4	3	4	4	5.5	5.2	3	3	78.7	142.7
4	4	5	3		4	4	3	4	3	4	3	4	3	4	3	4	4	5.5	5.2	3	3	79.7	144.3
4	4	5	3		4	4	3	4	4	4	3	4	3	4	3	4	4	5.5	5.2	3	3	80.7	145.9
4	4	5	3		4	4	3	4	4	4	4	4	3	4	3	4	4	5.5	5.2	3	3	81.7	147.5
4	4	5	3		4	4	4	4	4	4	4	4	3	4	3	4	4	5.5	5.2	3	3	82.7	149.1
4	4	5	3		4	4	4	4	4	4	4	4	3	4	4	4	4	5.5	5.2	3	3	83.7	150.7
4	4	5	4		4	4	4	4	4	4	4	4	3	4	4	4	4	5.5	5.2	3	3	84.7	152.3
4	4	5	4		4	4	4	4	4	4	4	4	3	4	4	4	4	5.5	5.2	4	3	85.7	153.9

1) TSWs in bays 19 and 20 have flow equivalent to 5.5 and 5.2 stops at forebay elevation of 339, respectively.

2) Raise gates for TSWs approximately 3 to 5 feet above water surface to ensure free surface and debris passage.

Table MCN-X. McNary 2008 Spill Pattern for fish passage. (Discharge at forebay elevation 339)

(10 June 2008)

SPILLWAY BAY (Gate Opening in feet)																						Total Stops	Total Spill
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		(kcfs)
4	4	5	4		4	4	4	4	4	4	4	4	4	4	4	4	4	5.5	5.2	4	3	86.7	155.5
4	4	5	4		4	4	4	4	4	4	4	4	4	4	4	4	5	5.5	5.2	4	3	87.7	157.1
4	4	5	4		4	4	4	4	4	4	4	4	4	4	4	5	5	5.5	5.2	4	3	88.7	158.7
4	5	5	4		4	4	4	4	4	4	4	4	4	4	4	5	5	5.5	5.2	4	3	89.7	160.3
5	5	5	4		4	4	4	4	4	4	4	4	4	4	4	5	5	5.5	5.2	4	3	90.7	161.9
5	5	5	4		4	5	4	4	4	4	4	4	4	4	4	5	5	5.5	5.2	4	3	91.7	163.5
5	5	5	4		4	5	4	4	4	5	4	4	4	4	4	5	5	5.5	5.2	4	3	92.7	165.1
5	5	5	4		4	5	4	4	4	5	4	4	4	5	4	5	5	5.5	5.2	4	3	93.7	166.7
5	5	5	4		4	5	4	5	4	5	4	4	4	5	4	5	5	5.5	5.2	4	3	94.7	168.3
5	5	5	4		4	5	4	5	4	5	4	5	4	5	4	5	5	5.5	5.2	4	3	95.7	169.9
5	5	5	4		4	5	4	5	4	5	4	5	4	5	4	5	5	5.5	5.2	5	3	96.7	171.5
5	5	5	4		5	5	4	5	4	5	4	5	4	5	4	5	5	5.5	5.2	5	3	97.7	173.1
5	5	5	4		5	5	4	5	5	5	4	5	4	5	4	5	5	5.5	5.2	5	3	98.7	174.7
5	5	5	4		5	5	4	5	5	5	5	5	4	5	4	5	5	5.5	5.2	5	3	99.7	176.3
5	5	5	4		5	5	5	5	5	5	5	5	4	5	4	5	5	5.5	5.2	5	3	100.7	177.9
5	5	5	4		5	5	5	5	5	5	5	5	4	5	5	5	5	5.5	5.2	5	3	101.7	179.5
5	5	5	5		5	5	5	5	5	5	5	5	4	5	5	5	5	5.5	5.2	5	3	102.7	181.1
5	5	6	5		5	5	5	5	5	5	5	5	4	5	5	5	5	5.5	5.2	5	3	103.7	182.7
5	5	6	5		5	5	5	5	5	5	5	5	5	5	5	5	5	5.5	5.2	5	3	104.7	184.3
5	5	6	5		5	5	5	5	5	5	5	5	5	5	5	5	6	5.5	5.2	5	3	105.7	185.9
5	5	6	5		5	5	5	5	5	5	5	5	5	5	5	6	6	5.5	5.2	5	3	106.7	187.5
5	5	6	5		5	5	5	5	5	5	5	5	5	6	5	6	6	5.5	5.2	5	3	107.7	189.1
5	5	6	5		5	5	5	5	5	5	5	6	5	6	5	6	6	5.5	5.2	5	3	108.7	190.7
5	5	6	5		5	5	5	5	5	5	5	6	5	6	6	6	6	5.5	5.2	5	3	109.7	192.3
5	5	6	6		5	5	5	5	5	5	5	6	5	6	6	6	6	5.5	5.2	5	3	110.7	193.9

1) TSWs in bays 19 and 20 have flow equivalent to 5.5 and 5.2 stops at forebay elevation of 339, respectively.

2) Raise gates for TSWs approximately 3 to 5 feet above water surface to ensure free surface and debris passage.

Table MCN-X. McNary 2008 Spill Pattern for fish passage. (Discharge at forebay elevation 339)

(10 June 2008)

SPILLWAY BAY (Gate Opening in feet)																						Total Stops	Total Spill
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		(kcfs)
5	5	6	6		5	5	5	5	5	5	5	6	5	6	6	6	6	5.5	5.2	6	3	111.7	195.5
5	5	6	6		5	5	5	5	5	5	6	6	5	6	6	6	6	5.5	5.2	6	3	112.7	197.1
5	5	6	6		5	5	5	5	5	5	5	6	6	6	6	6	6	5.5	5.2	6	4	113.7	198.7
5	5	6	6		5	5	5	5	5	5	6	6	6	6	6	6	6	5.5	5.2	6	4	114.7	200.3
5	5	6	6		5	5	5	5	5	5	6	6	6	6	6	6	6	5.5	5.2	6	4	114.7	200.3
5	5	6	6		5	6	5	5	5	6	6	6	6	6	6	6	6	5.5	5.2	6	4	116.7	203.5
5	5	6	6		5	6	5	5	5	6	6	6	6	6	6	6	6	5.5	5.2	6	4	116.7	203.5
5	5	6	6		6	6	5	6	5	6	6	6	6	6	6	6	6	5.5	5.2	6	4	118.7	206.7
5	5	6	6		6	6	5	6	5	6	6	6	6	6	6	6	6	5.5	5.2	6	4	118.7	206.7
5	5	6	6		6	6	6	6	6	6	6	6	6	6	6	6	6	5.5	5.2	6	4	120.7	209.9
6	6	6	6		6	6	6	6	6	6	6	6	6	6	6	6	6	5.5	5.2	6	4	122.7	213.1
6	6	6	6		6	6	6	6	6	6	6	6	6	6	6	6	6	5.5	5.2	6	4	122.7	213.1
6	6	6	6		6	6	6	6	6	7	6	7	6	7	6	7	6	5.5	5.2	6	4	126.7	219.5
6	6	6	6		6	7	6	7	6	7	6	7	6	7	6	7	6	5.5	5.2	6	4	128.7	222.7
6	6	7	6		6	7	6	7	6	7	6	7	6	7	6	7	6	5.5	5.2	6	4	129.7	224.3
7	6	7	6		6	7	6	7	6	7	6	7	6	7	6	7	7	5.5	5.2	6	4	131.7	227.5
7	6	7	6		6	7	6	7	6	7	6	7	7	7	7	7	7	5.5	5.2	6	4	133.7	230.7
7	6	7	6		6	7	6	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	4	135.7	233.9
7	6	7	6		7	7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	4	137.7	237.1
7	7	7	7		7	7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	4	139.7	240.3
7	7	7	7		7	7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	141.7	243.5
7	7	7	7		7	7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	141.7	243.5
7	7	7	7		7	7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	141.7	243.5
7	7	7	7		7	7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	141.7	243.5

1) TSWs in bays 19 and 20 have flow equivalent to 5.5 and 5.2 stops at forebay elevation of 339, respectively.

2) Raise gates for TSWs approximately 3 to 5 feet above water surface to ensure free surface and debris passage.

Table MCN-XX. McNary 2008 Spill Pattern for fish passage. (Discharge at forebay elevation 339)

(10 June 2008)

SPILLWAY BAY (Gate Opening in feet)																						Total Stops	Total Spill
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		(kcfs)
																		5.5	5.2	1		11.7	20.7
																	1	5.5	5.2	1		12.7	22.7
																	1	5.5	5.2	1	1	13.7	24.7
																	1	5.5	5.2	2	1	14.7	26.6
																	2	5.5	5.2	2	1	15.7	28.5
																1	2	5.5	5.2	2	1	16.7	30.5
																2	2	5.5	5.2	2	1	17.7	32.4
														1		2	2	5.5	5.2	2	1	18.7	34.4
														1		2	2	5.5	5.2	2	2	19.7	36.3
														2		2	2	5.5	5.2	2	2	20.7	38.2
														2	1	2	2	5.5	5.2	2	2	21.7	40.2
														2	2	2	2	5.5	5.2	2	2	22.7	42.1
													1	2	2	2	2	5.5	5.2	2	2	23.7	44.1
													2	2	2	2	2	5.5	5.2	2	2	24.7	46.0
										1		2		2	2	2	2	5.5	5.2	2	2	25.7	48.0
										2		2		2	2	2	2	5.5	5.2	2	2	26.7	49.9
								1		2		2		2	2	2	2	5.5	5.2	2	2	27.7	51.9
								2		2		2		2	2	2	2	5.5	5.2	2	2	28.7	53.8
								2	1	2		2		2	2	2	2	5.5	5.2	2	2	29.7	55.8
								2	2	2		2		2	2	2	2	5.5	5.2	2	2	30.7	57.7
								2	2	2		2	1	2	2	2	2	5.5	5.2	2	2	31.7	59.7
								2	**2**	**2**		**2**	**2**	**2**	**2**	**2**	**2**	**5.5**	**5.2**	**2**	**2**	32.7	61.6
								2	2	2	1	2	2	2	2	2	2	5.5	5.2	2	2	33.7	63.6
								2	2	2	2	2	2	2	2	2	2	5.5	5.2	2	2	34.7	65.5
						1		2	2	2	2	2	2	2	2	2	2	5.5	5.2	2	2	35.7	67.5

1) TSWs in bays 19 and 20 have flow equivalent to 5.5 and 5.2 stops at forebay elevation of 339, respectively.

2) Raise gates for TSWs approximately 3 to 5 feet above water surface to ensure free surface and debris passage.

Table MCN-XX. McNary 2008 Spill Pattern for fish passage. (Discharge at forebay elevation 339)

(10 June 2008)

SPILLWAY BAY (Gate Opening in feet)																						Total Stops	Total Spill
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		(kcfs)
						2		2	2	2	2	2	2	2	2	2	2	5.5	5.2	2	2	36.7	69.4
2.5	2	3.5				2		2		2		2	1	2		2	2	5.5	5.2	2	2	37.7	70.9
2.5	2	3.5				2		2		2		2	1	2	1	2	2	5.5	5.2	2	2	38.7	72.9
2.5	2	3.5				2		2	1	2		2	1	2	1	2	2	5.5	5.2	2	2	39.7	74.9
2.5	2	3.5				2		2	1	2	1	2	1	2	1	2	2	5.5	5.2	2	2	40.7	76.9
2.5	2	3.5				2	1	2	1	2	1	2	1	2	1	2	2	5.5	5.2	2	2	41.7	78.9
2.5	2	3.5				2	1	2	1	2	1	2	1	2	1	2	2	5.5	5.2	2.5	2.5	42.7	80.6
2.5	2	3.5				2	1	2	1	2	1	2	2	2	1	2	2	5.5	5.2	2.5	2.5	43.7	82.5
2.5	2	3.5				2	1	2	1	2	1	2	2	2	2	2	2	5.5	5.2	2.5	2.5	44.7	84.4
2.5	2	3.5				2	1	2	2	2	1	2	2	2	2	2	2	5.5	5.2	2.5	2.5	45.7	86.3
2.5	2	3.5				2	1	2	2	2	2	2	2	2	2	2	2	5.5	5.2	2.5	2.5	46.7	88.2
2.5	2	3.5				2	2	2	2	2	2	2	2	2	2	2	2	5.5	5.2	2.5	2.5	47.7	90.1
2.5	2.5	4				2	2	2	2	2	2	2	2	2	2	2	2	5.5	5.2	2.5	2.5	48.7	91.7
2.5	2.5	4				2	2	2	2	2	2	2	2	2	2	2	2	5.5	5.2	3.5	2.5	49.7	93.4
2.5	2.5	4				2	2	2	2	2	2	2	2	2	2.5	2.5	3	5.5	5.2	2.5	2.5	50.7	95.1
2.5	2.5	4				2.5	2	2	2	2.5	2	2	2	2	2.5	2.5	3	5.5	5.2	2.5	2.5	51.7	96.8
2.5	2.5	4				2.5	2	2	2	2.5	2	2	2	2.5	2.5	2.5	3	5.5	5.2	2.5	2.5	52.2	97.7
2.5	2.5	4				2.5	2	2.5	2.5	2.5	2	2.5	2	2.5	2.5	2.5	3	5.5	5.2	2.5	2.5	53.7	100.2
2.5	2.5	4				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2	2.5	2.5	2.5	3	5.5	5.2	2.5	2.5	54.7	101.9
2.5	2.5	4				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	5.5	5.2	3	2.5	55.7	103.6
2.5	2.5	4				2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	3	3	5.5	5.2	3	2.5	56.7	105.3
2.5	2.5	4.5				2.5	2.5	2.5	2.5	3	2.5	2.5	2.5	2.5	3	3	3	5.5	5.2	3	2.5	57.7	107.0
2.5	2.5	4.5				3	2.5	2.5	2.5	3	2.5	3	2.5	2.5	3	3	3	5.5	5.2	3	2.5	58.7	108.7
2.5	2.5	4.5				3	2.5	3	2.5	3	2.5	3	2.5	3	3	3	3	5.5	5.2	3	2.5	59.7	110.4
2.5	2.5	5				3	2.5	3	3	3	2.5	3	2.5	3	3	3	3	5.5	5.2	3	2.5	60.7	112.0

1) TSWs in bays 19 and 20 have flow equivalent to 5.5 and 5.2 stops at forebay elevation of 339, respectively.

2) Raise gates for TSWs approximately 3 to 5 feet above water surface to ensure free surface and debris passage.

Table MCN-XX. McNary 2008 Spill Pattern for fish passage. (Discharge at forebay elevation 339)

(10 June 2008)

SPILLWAY BAY (Gate Opening in feet)																						Total Stops	Total Spill
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		(kcfs)
2.5	2.5	5				3	3	3	3	3	3	3	2.5	3	3	3	3	5.5	5.2	3	2.5	61.7	113.7
3	3	5				3	3	3	3	3	3	3	2.5	3	3	3	3	5.5	5.2	3	2.5	62.7	115.4
3	3	5				3	3	3	3	3	3	3	3	3	3	3	3	5.5	5.2	3	3	63.7	117.1
3	3	5				3	3	3	3	3	3	3	3	3	3	3	4	5.5	5.2	3	3	64.7	118.7
3	3	5				3	3	3	3	3	3	3	3	3	3	4	4	5.5	5.2	3	3	65.7	120.3
3	4	5				3	3	3	3	3	3	3	3	3	3	4	4	5.5	5.2	3	3	66.7	121.9
4	4	5				3	3	3	3	3	3	3	3	3	3	4	4	5.5	5.2	3	3	67.7	123.5
4	4	5				4	3	3	3	3	3	3	3	3	3	4	4	5.5	5.2	3	3	68.7	125.1
4	4	5				4	3	3	3	4	3	3	3	3	3	4	4	5.5	5.2	3	3	69.7	126.7
4	4	5				4	3	3	3	4	3	3	3	4	3	4	4	5.5	5.2	3	3	70.7	128.3
4	4	5				4	3	4	3	4	3	3	3	4	3	4	4	5.5	5.2	3	3	71.7	129.9
4	4	5				4	3	4	3	4	3	4	3	4	3	4	4	5.5	5.2	3	3	72.7	131.5
4	4	5				4	3	4	4	4	3	4	3	4	3	4	4	5.5	5.2	3	3	73.7	133.1
4	4	5				4	3	4	4	4	4	4	3	4	3	4	4	5.5	5.2	3	3	74.7	134.7
4	4	5				4	4	4	4	4	4	4	3	4	3	4	4	5.5	5.2	3	3	75.7	136.3
4	4	5				4	4	4	4	4	4	4	3	4	4	4	4	5.5	5.2	3	3	76.7	137.9
4	4	5				4	4	4	4	4	4	4	3	4	4	4	4	5.5	5.2	4	3	77.7	139.5
4	4	5				4	4	4	4	4	4	4	4	4	4	4	4	5.5	5.2	4	3	78.7	141.1
4	4	5				4	4	4	4	4	4	4	4	4	4	4	5	5.5	5.2	4	3	79.7	142.7
4	4	5				4	4	4	4	4	4	4	4	4	4	5	5	5.5	5.2	4	3	80.7	144.3
4	5	5				4	4	4	4	4	4	4	4	4	4	5	5	5.5	5.2	4	3	81.7	145.9
5	5	5				4	4	4	4	4	4	4	4	4	4	5	5	5.5	5.2	4	3	82.7	147.5
5	5	5				5	4	4	4	4	4	4	4	4	4	5	5	5.5	5.2	4	3	83.7	149.1
5	5	5				5	4	4	4	5	4	4	4	4	4	5	5	5.5	5.2	4	3	84.7	150.7
5	5	5				5	4	4	4	5	4	4	4	5	4	5	5	5.5	5.2	4	3	85.7	152.3

1) TSWs in bays 19 and 20 have flow equivalent to 5.5 and 5.2 stops at forebay elevation of 339, respectively.

2) Raise gates for TSWs approximately 3 to 5 feet above water surface to ensure free surface and debris passage.

Table MCN-XX. McNary 2008 Spill Pattern for fish passage. (Discharge at forebay elevation 339)

(10 June 2008)

SPILLWAY BAY (Gate Opening in feet)																						Total Stops	Total Spill
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		(kcfs)
5	5	5				5	4	5	4	5	4	4	4	5	4	5	5	5.5	5.2	4	3	86.7	153.9
5	5	5				5	4	5	4	5	4	5	4	5	4	5	5	5.5	5.2	4	3	87.7	155.5
5	5	5				5	4	5	4	5	4	5	4	5	4	5	5	5.5	5.2	5	3	88.7	157.1
5	5	5				5	4	5	5	5	4	5	4	5	4	5	5	5.5	5.2	5	3	89.7	158.7
5	5	5				5	4	5	5	5	5	5	4	5	4	5	5	5.5	5.2	5	3	90.7	160.3
5	5	5				5	5	5	5	5	5	5	4	5	4	5	5	5.5	5.2	5	3	91.7	161.9
5	5	5				5	5	5	5	5	5	5	4	5	5	5	5	5.5	5.2	5	3	92.7	163.5
5	5	6				5	5	5	5	5	5	5	4	5	5	5	5	5.5	5.2	5	3	93.7	165.1
5	5	6				5	5	5	5	5	5	5	5	5	5	5	5	5.5	5.2	5	3	94.7	166.7
5	5	6				5	5	5	5	5	5	5	5	5	5	5	6	5.5	5.2	5	3	95.7	168.3
5	5	6				5	5	5	5	5	5	5	5	5	5	6	6	5.5	5.2	5	3	96.7	169.9
5	5	6				5	5	5	5	5	5	5	5	6	5	6	6	5.5	5.2	5	3	97.7	171.5
5	5	6				5	5	5	5	5	5	6	5	6	5	6	6	5.5	5.2	5	3	98.7	173.1
5	5	6				5	5	5	5	5	5	6	5	6	6	6	6	5.5	5.2	5	3	99.7	174.7
5	5	6				5	5	5	5	5	5	6	5	6	6	6	6	5.5	5.2	6	3	100.7	176.3
5	5	6				5	5	5	5	5	6	6	5	6	6	6	6	5.5	5.2	6	3	101.7	177.9
5	5	6				5	5	5	5	5	5	6	6	6	6	6	6	5.5	5.2	6	4	102.7	179.5
5	5	6				5	5	5	5	5	6	6	6	6	6	6	6	5.5	5.2	6	4	103.7	181.1
5	5	6				5	5	5	5	5	6	6	6	6	6	6	6	5.5	5.2	6	4	103.7	181.1
5	5	6				6	5	5	5	6	6	6	6	6	6	6	6	5.5	5.2	6	4	105.7	184.3
5	5	6				6	5	6	5	6	6	6	6	6	6	6	6	5.5	5.2	6	4	106.7	185.9
5	5	6				6	5	6	5	6	6	6	6	6	6	6	6	5.5	5.2	6	4	106.7	185.9
5	5	6				6	6	6	6	6	6	6	6	6	6	6	6	5.5	5.2	6	4	108.7	189.1
5	5	6				6	6	6	6	6	6	6	6	6	6	6	6	5.5	5.2	6	4	108.7	189.1
6	6	6				6	6	6	6	6	6	6	6	6	6	6	6	5.5	5.2	6	4	110.7	192.3

1) TSWs in bays 19 and 20 have flow equivalent to 5.5 and 5.2 stops at forebay elevation of 339, respectively.

2) Raise gates for TSWs approximately 3 to 5 feet above water surface to ensure free surface and debris passage.

Table MCN-XX. McNary 2008 Spill Pattern for fish passage. (Discharge at forebay elevation 339)

(10 June 2008)

SPILLWAY BAY (Gate Opening in feet)																						Total Stops	Total Spill
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		(kcfs)
6	6	6				6	6	6	6	6	6	6	6	6	6	6	6	5.5	5.2	6	4	110.7	192.3
6	6	6				6	6	6	6	6	6	6	6	6	6	6	6	5.5	5.2	6	4	110.7	192.3
6	6	6				6	6	6	6	6	6	6	6	6	6	6	6	5.5	5.2	6	4	110.7	192.3
6	6	6				6	6	6	6	7	6	7	6	7	6	7	6	5.5	5.2	6	4	114.7	198.7
6	6	6				6	6	6	6	7	6	7	6	7	6	7	6	5.5	5.2	6	4	114.7	198.7
6	6	6				7	6	7	6	7	6	7	6	7	6	7	6	5.5	5.2	6	4	116.7	201.9
6	6	7				7	6	7	6	7	6	7	6	7	6	7	6	5.5	5.2	6	4	117.7	203.5
6	6	7				7	6	7	6	7	6	7	6	7	6	7	6	5.5	5.2	6	4	117.7	203.5
7	6	7				7	6	7	6	7	6	7	6	7	6	7	7	5.5	5.2	6	4	119.7	206.7
7	6	7				7	6	7	6	7	6	7	6	7	6	7	7	5.5	5.2	6	4	119.7	206.7
7	6	7				7	6	7	6	7	6	7	7	7	7	7	7	5.5	5.2	6	4	121.7	209.9
7	6	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	4	124.7	214.7
7	7	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	4	125.7	216.3
7	7	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	127.7	219.5
7	7	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	127.7	219.5
7	7	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	127.7	219.5
7	7	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	127.7	219.5
7	7	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	127.7	219.5
7	7	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	127.7	219.5
7	7	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	127.7	219.5
7	7	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	127.7	219.5
7	7	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	127.7	219.5
7	7	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	127.7	219.5
7	7	7				7	7	7	7	7	7	7	7	7	7	7	7	5.5	5.2	6	6	127.7	219.5

1) TSWs in bays 19 and 20 have flow equivalent to 5.5 and 5.2 stops at forebay elevation of 339, respectively.

2) Raise gates for TSWs approximately 3 to 5 feet above water surface to ensure free surface and debris passage.