Table 1.	Daily Collection	on and Bypass	Numbers ar	nd River Con	ditions at Lowe	r Monumental	Dam.	2017												
				Daily Nu	mber of Fish C	ollected								Daily N	Numbers Bypas	ssed				
Date	Yearling	Chinook		ng Chinook	Stee	lhead	Sockeye	/Kokanee	Coho	Daily	Yearling	Chinook		ng Chinook	Steel		Sockeye	/Kokanee	Coho	Daily
1-Apr	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total 0	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total
2-Apr	400	200	0	200	6,800	2,800	0	0	0	10,400	400	200	0	200	6,800	2,800	0	0	0	10,400
3-Apr 4-Apr	200	500	0	100	3,600	1,200	0	0	0	5,600	200	500	0	100	3,600	1,200	0	0	0	5,600
5-Apr 6-Apr										0										0
7-Apr	11,932	10,023	0	100	4,212	1,533	0	0	0	27,800	11,932	10,022	0	100	4,212	1,533	0	0	0	27,799
8-Apr 9-Apr										0										0
10-Apr	6,000	6,400	0	100	6,100	1,100	0	0	0	19,700	6,000	6,400	0	100	6,100	1,100	0	0	0	19,700
11-Apr 12-Apr										0										0
13-Apr 14-Apr	6,828	7,722	0	0	6,342	508	0	100	0	21,500	6,828	7,721	0	0	6,342	508	0	100	0	21,499
15-Apr		-					-			0	-						-			0
16-Apr 17-Apr	13,900	17,700	0	100	28,100	3,100	0	100	0	63,000 0	13,900	17,700	0	100	28,100	3,100	0	100	0	63,000
18-Apr	24,800	34,200	0	0	32,000	5,400	0	800	400	97,600	24,798	34,197	0	0	32,000	5,400	0	800	400	97,595
19-Apr 20-Apr	21,028	27,022	0	0	45,448	10,402	0	1,000	0	104,900	21,027	27,022	0	0	45,447	10,402	0	1,000	0	104,898
21-Apr 22-Apr	31,200	25,200	0	0	98,200	13,800	0	800	0	0 169,200	31,200	25,199	0	0	98,200	13,800	0	800	0	0 169,199
23-Apr							-			0							-		-	0
24-Apr 25-Apr	25,600	16,400	0	0	49,400	9,400	0	600	0	101,400 0	25,600	16,400	0	0	49,397	9,400	0	598	0	101,395 0
26-Apr	39,800	25,600	0	0	80,600	10,400	0	400	0	156,800	39,800	25,599	0	0	80,598	10,399	0	399	0	156,795
27-Apr 28-Apr	50,436	28,614	0	0	69,245	14,205	0	0	200	162,700	50,435	28,614	0	0	69,243	14,205	0	0	200	162,697
29-Apr 30-Apr	45,400	12,400	0	0	42,600	13,600	0	800	200	0 115,000	45,399	12,400	0	0	42,598	13,600	0	800	200	0 114,997
01-May	7400.0	5000.0	0.0	200.0	9200.0	3200.0	0.0	200.0	0.0	25,200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
02-May 03-May	37,600 45,645	15,200 7,205	0	0	31,200 30,241	11,000 8,209	0	200 200	200 400	95,400 91,900	0	0	0	0	0	0	0	0	0	0
04-May 05-May	35,600 33,000	7,600 4,400	0	200 400	25,200 14,000	8,800 4,600	0	1,000 200	200 200	78,600 56,800	0	0	0	0	0	0	0	0	0	0
06-May	72,200	11,600	0	400	22,400	5,400	0	200	400	112,600	0	0	0	0	0	0	0	0	0	0
07-May 08-May	57,200 57,200	11,600 6,200	0	200	23,600 35,000	2,600 8,000	0	200	200 200	95,600 106,600	0	0	0	0	0	0	0	0	0	0
09-May	78,000	11,000	0	200	67,000	24,000	0	200	1,200	181,600	0	0	0	0	0	0	0	0	0	0
10-May 11-May	28,441 59,800	3,201 8,000	0	0	50,847 41,200	15,211 18,600	200	200	600 1,200	98,500 129,000	0	0	0	0	0	0	0	0	0	0
12-May	78,000	11,800	0	0	30,200	21,600	200	0	2,200	144,000	0	0	0	0	0	0	0	0	0	0
13-May 14-May	76,800 51,400	11,800 12,000	0	200	26,200 13,200	15,800 10,800	2,200	200 200	5,400 2,600	136,400 92,400	0	0	0	0	0	0	0	0	0	1
15-May 16-May	36,400 12,600	6,800 2,400	0	200 200	14,400 13,400	10,600 8,400	600	0	2,800 1,200	71,800 38,800	0	0	0	0	0	0	0	0	0	0
17-May	5,022	2,202	0	0	6,850	4,626	800	0	800	20,300	0	0	0	0	0	0	0	0	0	0
18-May 19-May	7,400 5,300	1,800 1,800	0	200 100	4,600 4,100	5,000 3,700	200 500	200	800 2,500	20,000 18,200	0	0	0	0	0	0	0	0	0	0
20-May	6,700	2,100	0	0	3,300	4,100	1,100	100	1,800	19,200	0	0	0	0	0	0	0	0	0	0
21-May 22-May	2,600 2,300	500 900	0	0	2,900 1,300	2,500 2,800	200 300	0	500 600	9,200 8,200	0	0	0	0	0	0	0	0	0	0
23-May 24-May	1,050 1,110	350 600	0	0	1,950 1,150	2,550 2,590	200 150	0	400 650	6,500 6,250	0	0	0	0	0	0	0	0	0	0
25-May	850	400	0	100	1,250	1,650	50	0	100	4,400	0	0	0	0	0	0	0	0	0	0
26-May 27-May	1,860 1,780	1,020 1,100	60	100 180	3,640 4,180	3,840 3,680	220 200	60 100	540 940	11,280 12,220	0	0	0	0	0	0	0	0	0	0
28-May	1,240	1,100	160	260	4,180	4,060	140	60	820	12,020	0	0	0	0	0	0	0	0	0	0
29-May 30-May	1,050 550	1,550 750	550 1,150	1,300 2,350	3,200 2,050	3,950 2,350	100	100 100	550 600	12,350 9,900	0	0	0	0	0	0	0	0	0	0
31-May	452	1,151	2,163	4,377	1,230	1,677	50	0	200	11,300	0	0	0	0	0	0	0	0	0	0
01-Jun	100	600	7,050	8,000	1,100	1,550	U	200	200	18,800	U	U	U	U	U	- 0	0	U	- 0	0

Tabl	e 2. Pero	cent Daily De	escaling ar	nd Daily Fac	ility Mortality	y Numbers at	Lower Monu	mental Dam.		2017													
River Conditions						Percent Dai	ly Descaling								Daily Faci	lity Mortality	Numbers						
River Water Flow Spill Temp. Date		Yearling Chi		Subyearlin	-	Stee			Kokanee	Coho	Total	Yearling		Subyearlin	-	Steel		-	/Kokanee	Coho	Daily	Percent	
(kcfs) (kcfs) (°F) 180.6 112.7 47.1 1-Ap		Clipped Ur	nclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Facility	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total 0	Mortality #DIV/0!	
164.3 85.5 48.1 2-Ap	or	0.0	0.0		0.0	2.9	0.0				1.9	0	0	0	0	0	0	0	0	0	0	0.00%	
158.9 80.2 48.2 3-Ap 160.3 77.4 47.9 4-Ap		0.0	0.0		0.0	2.8	0.0				1.8	0	0	0	0	0	0	0	0	0	0	#DIV/0! 0.00%	
148.4 69.7 47.9 5-Ap 141.9 63.7 48.4 6-Ap																					0	#DIV/0! #DIV/0!	
140.2 63.7 48.9 7-A	or	0.0	0.0		0.0	1.0	0.0				0.4	0	1	0	0	0	0	0	0	0	1	0.00%	
138.3 62.4 48.9 8-Ap 147.3 69.1 48.4 9-Ap																					0	#DIV/0! #DIV/0!	
147.8 69.8 48.7 10-A	pr	1.7	0.0		0.0	3.3	0.0				1.5	0	0	0	0	0	0	0	0	0	0	0.00%	
136.0 58.3 48.7 11-A 122.9 65.1 48.7 12-A																					0	#DIV/0! #DIV/0!	
153.9 102.8 48.7 13-A 140.9 69.9 48.8 14-A	pr	4.4	2.6			0.0	0.0		100.0		1.5	0	1	0	0	0	0	0	0	0	1	0.00% #DIV/0!	
133.0 56.8 48.8 15-A	pr																				0	#DIV/0! #DIV/0!	
120.6 43.6 48.7 16-A 119.7 42.6 49.5 17-A		0.0	2.2		0.0	5.0	0.0		0.0		2.7	0	0	0	0	0	0	0	0	0	0	0.00% #DIV/0!	
119.6 42.5 49.5 18-A	pr	3.2	3.5			2.5	3.7		0.0	0.0	3.1	2	3	0	0	0	0	0	0	0	5	0.01%	
122.2 44.5 49.7 19-A 123.3 45.5 50.1 20-A		3.8	0.0			1.8	1.9		0.0		1.7	1	0	0	0	1	0	0	0	0	0 2	#DIV/0! 0.00%	
128.7 51.6 50.1 21-A	pr																				0	#DIV/0!	
132.4 56.0 51.0 22-A 122.1 54.9 51.0 23-A		1.3	3.2			2.6	0.0		0.0		2.2	0	1	0	0	0	0	0	0	0	0	0.00% #DIV/0!	
119.1 54.8 51.7 24-A 125.1 54.8 51.9 25-A		4.7	0.0			1.2	0.0		0.0		1.8	0	0	0	0	3	0	0	2	0	5	0.00% #DIV/0!	
128.6 56.5 52.2 26-A	pr	2.5	2.4			1.5	2.0		0.0		1.9	0	1	0	0	2	1	0	1	0	5	0.00%	
131.8 56.9 52.3 27-A 133.8 56.2 52.3 28-A		2.4	2.1			2.3	2.8			0.0	2.3	1	0	0	0	2	0	0	0	0	0	#DIV/0! 0.00%	
130.1 76.3 53.0 29-A	pr																				0	#DIV/0!	
122.3 67.5 52.5 30-A 116.7 61.9 52.5 01-N		0.0	3.2 0.0		0.0	2.8	0.0		0.0	0.0	2.3	10.0	0.0	0.0	0.0	1.0	2.0	0.0	1.0	0.0	3 14	0.00% 0.06%	
117.5 58.6 52.7 02-N 115.0 54.0 53.1 03-N	lay	1.1 4.0	0.0			2.6 2.0	2.3 0.0		0.0	0.0	2.1 2.6	69 44	5 4	0	0	37 21	1 5	0	0	0	112 74	0.12% 0.08%	
107.6 49.8 53.3 04-N	1ay	1.1	0.0		0.0	1.6	4.7		0.0	0.0	1.5	50	5	0	0	9	3	0	5	0	72	0.09%	
112.4 52.7 54.1 05-N 132.9 55.9 54.6 06-N		3.7 1.9	0.0		0.0	4.3 3.6	4.5 0.0		0.0	0.0	3.6 2.0	24 53	3 10	0	0	9	3	0	13	0	50 72	0.09% 0.06%	
156.4 78.7 54.5 07-N	1ay	2.4	1.7		0.0	25.0	0.0		0.0	0.0	2.3	60	11	0	0	8	2	0	13	0	94	0.10%	
171.4 93.4 55.9 08-N 166.4 88.6 55.9 09-N		1.8 2.6	3.2 5.6		0.0	3.4 2.7	0.0		0.0	0.0	2.3 2.4	128 71	5	0	0	22 29	2	0	0 18	0	155 125	0.15% 0.07%	
163.5 85.6 54.5 10-N	1ay	0.0	0.0			6.3	1.4			0.0	3.5	32	2	0	0	19	5	0	10	0	68	0.07%	
163.1 85.0 53.7 11-N 173.4 95.3 53.3 12-N		2.7 1.3	2.5 0.0			7.3 6.7	2.2 3.7	0.0		0.0 20.0	4.1 2.8	17 30	0 8	0	0	22 17	2	0	0	0	40 57	0.03% 0.04%	
180.6 102.8 53.7 13-N 178.6 100.9 54.6 14-N		1.6 3.9	0.0 6.7		0.0	4.6 10.6	3.8 1.9	0.0	0.0	0.0	2.2 4.8	15 31	1 3	0	0	6 13	6	0	1 0	0	29 50	0.02% 0.05%	
160.2 82.5 54.7 15-M	1ay	1.7	11.8		0.0	5.6	0.0	0.0		0.0	3.1	86	11	0	1	7	18	0	0	0	123	0.17%	
1448.7 80.6 53.7 16-N 142.5 81.8 52.3 17-N		3.2 4.0	0.0 9.1		0.0	3.0	2.4 4.3	0.0		0.0	2.6 4.0	23 7	0	0	0	5	3	0	0	0	30 16	0.08%	
131.4 45.9 52.6 18-N	1ay	2.7	0.0		0.0	9.1	0.0	0.0		0.0	3.0	7	2	0	0	7	7	0	0	0	23	0.12%	
122.7 52.7 53.5 19-N 118.5 53.7 54.3 20-N		3.0	5.9 0.0		0.0	2.4 3.0	0.0	0.0 9.1	0.0	0.0	1.1 2.1	5	0	0	0	2	0	0	0	0	8 8	0.04% 0.04%	
109.3 53.8 54.7 21-N	1ay	11.5	20.0			6.9	4.0	0.0		0.0	7.6	3	0	0	0	0	1	0	0	0	4	0.04%	
11.2 53.0 54.6 22-N 116.2 57.7 55.4 23-N		0.0	0.0			0.0	0.0 2.0	0.0		0.0 12.5	0.0 1.6	6	0	0	0	0	0	0	0	0	4 7	0.05% 0.11%	
128.9 70.2 56.0 24-N		0.0	0.0			0.1	0.0	0.0		0.0	1.7	110 27	55 9	0	0	27 5	25	38 0	0	38	293	4.69% 0.95%	
152.4 92.3 56.4 25-M 156.1 78.6 57.3 26-M	1ay	4.3	0.0		0.0	8.0 3.8	0.0 1.6	0.0	0.0	3.7	2.3 2.7	2	0	0	0	1	0	1	0	0	42 4	0.04%	
141.1 63.7 58.2 27-N 136.8 62.9 58.4 28-N		3.4 1.6	0.0	0.0	0.0 7.7	3.3 5.3	0.6	0.0	0.0	6.3 7.1	2.3 3.0	2	0	2	0	2 8	2 2	0	10	0	19 12	0.16% 0.10%	-
133.4 56.2 56.9 29-N	1ay	5.0	3.2	0.0	3.8	3.1	5.0	0.0	0.0	0.0	3.7	2	0	0	0	2	0	0	0	0	4	0.03%	
139.6 61.2 56.5 30-N 154.6 76.3 56.3 31-N		0.0	0.0	4.3 0.0	2.1 0.0	4.9 12.5	0.0 6.1		0.0	8.3 0.0	2.5 2.2	4	0	3	3	3	0	0	0	0	14 5	0.14% 0.04%	
169.3 98.4 57.0 01-J		0.0	0.0	0.0	3.1	9.1	9.7		0.0	0.0	2.7	2	2	10	2	2	1	0	1	0	20	0.11%	

Table 3.	Daily Number of	Fish Trucked a	and Barged Fro	om Lower Mo	numental Da	m.	2017													
				Daily I	Numbers Tru	cked								Daily	Numbers Bar	ged				
Date	Yearlin	g Chinook	Subyearlin	g Chinook	Stee	lhead	Sockeye/	Kokanee	Coho	Daily	Yearling	Chinook	Subyearlii	ng Chinook	Stee	lhead	Sockeye	/Kokanee	Coho	Daily
	Clipped	Unclipped	Clipped	Unclipped	Clipped		Clipped	Unclipped		Total	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total
1-Apr 2-Apr										. 0										
3-Apr										0										9
4-Apr 5-Apr										. 0										
6-Apr										0										(
7-Apr 8-Apr										$\frac{0}{0}$										
9-Apr										0										
10-Apr 11-Apr										. 0										
12-Apr										0										
13-Apr 14-Apr										0										
15-Apr										0										
16-Apr 17-Apr										0										
18-Apr										0										
19-Apr 20-Apr										0										
21-Apr										0										
22-Apr										0										
23-Apr 24-Apr										. 0										
25-Apr										0										
26-Apr 27-Apr										. 0										
28-Apr										0										
29-Apr 30-Apr										0										
01-May										0										
02-May 03-May										0	44,921 45,601	20,195 7,201	0	200	40,362 30,220	14,197 8,204	0	399 200	200 400	120,47 91,82
04-May										0	35,550	7,595	0	200	25,191	8,797	0	995	200	78,52
05-May 06-May										. 0	32,976 72,147	4,397 11,590	0	400 400	13,991 22,398	4,599 5,397	0	187 196	200 400	56,75 112,52
07-May										0	57,140	11,589	0	200	23,592	2,598	0	187	200	95,50
08-May										0	57,072	6,195 10,995	0	200	34,978	8,000	0	0 182	200 1,200	106,44
09-May 10-May										. 0	77,929 28,409	3,199	0	0	66,971 50,828	23,998 15,206	0	190	600	181,47 98,43
11-May										0	59,783	8,000	0	0	41,178	18,599	200	0	1,200	128,90
12-May 13-May										0	77,970 76,785	11,792 11,799	0	0 199	30,183 26,194	21,598 15,794	200	0 199	2,200 5,400	143,94 136,37
14-May										0	51,369	11,997	0	0	13,186	10,797	2,200	200	2,600	92,34
15-May 16-May										0	36,314 12,577	6,789 2,398	0	199 200	14,393 13,398	10,582 8,397	600	0	2,800 1,200	71,6° 38,7°
17-May										0	5,015	2,202	0	0	6,845	4,622	800	0	800	20,2
18-May 19-May										0	7,393 5,296	1,798 1,798	0	200 100	4,593 4,099	4,993 3,700	200 500	0 199	800 2,500	19,9° 18,19
20-May										0	6,695	2,100	0	0	3,298	4,099	1,100	100	1,800	19,19
21-May 22-May										0	2,597 2,296	500 900	0	0	2,900 1,300	2,499 2,800	200 300	0	500 600	9,19 8,19
23-May										0	1,044	350	0	0	1,949	2,550	200	0	400	6,49
24-May										0	1,000 823	545 391	0	0 100	1,123 1,245	2,565 1,649	112	0	612 100	5,95 4,35
25-May 26-May										0	1,858	1,020	0	100	3,639	3,840	50 219	60	540	4,35
27-May										0										
28-May 29-May										0	3,017	2,200	218	440	8,350	7,736	340	150	1,758	24,20
30-May										0	1,594	2,300	1,697	3,647	5,246	6,298	100	200	1,150	22,23
31-May 01-Jun										0	549	1,749	9,203	12,374	2,325	3,226	50	199	400	30.07:

Table 4. D	aily Number	of Adult Fall	backs and Fa	allback Morta	llity at Lower N	Monumental Dan	1.	2017												
				Γ	Daily Fallback	Numbers								Daily Fallba	ck Mortality	Numbers				
Date		k Adults		ok Jacks		elhead	Sock		Coho	Daily	Chinook			ok Jacks		elhead		ckeye	Coho	Dail
1-Apr	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total 0	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Tota
2-Apr 3-Apr	0	0	0	0	3	2	0	0	0	5	0	0	0	0	0	0	0	0	0	0
4-Apr	0	0	0	0	4	9	0	0	0	13	0	0	0	0	0	0	0	0	0	
5-Apr 6-Apr										0										
7-Apr 8-Apr	0	0	0	0	5	7	0	0	0	12 0	0	0	0	0	0	0	0	0	0	. (
9-Apr										0										. (
10-Apr 11-Apr	0	0	0	0	3	4	0	0	0	7	0	0	0	0	1	0	0	0	0	1
12-Apr 13-Apr	0	0	0	0	2	4	0	0	0	0 6	0	0	0	0	0	0	0	0	0	
14-Apr										0										
15-Apr 16-Apr	0	0	0	0	4	12	0	0	0	0 16	0	0	0	0	0	1	0	0	0	
17-Apr 18-Apr	0	0	0	0	6	7	0	0	0	0 13	0	0		0	1	1	0	0		
19-Apr										0										
20-Apr 21-Apr	0	0	0	0	4	7	0	0	0	11 0	0	0	0	0	0	0	0	0	0	
22-Apr 23-Apr	0	0	0	0	7	9	0	0	0	16 0	0	0	0	0	0	0	0	0	0	
24-Apr	0	0	0	0	6	6	0	0	0	12	0	0	0	0	0	0	0	0	0	
25-Apr 26-Apr	0	0	0	0	5	13	0	0	0	0 18	0	0	0	0	0	0	0	0	0	
27-Apr 28-Apr	0	0	0	0	 11	5	0	0	0	0 16	0	0	0	0	0	1	0	0	0	
29-Apr										0										
30-Apr 01-May	0.0	0.0	0.0	0.0	4 1.0	10 2.0	0.0	0.0	0.0	14 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
02-May 03-May	0	0	0	0	<u>4</u> 1	5	0	0	0	8	0	0	0	0	0	0	0	0	0	
04-May	0	0	0	0	0	7 2	0	0	0	7	0	0	0	0	0	0	0	0	0	
05-May 06-May	0	0	0	0	3 2	4	0	0	0	6	0	0	0	0	0	0	0	0	0	
07-May 08-May	0	0	0	0	9	13 5	0	0	0	22 14	0	0	0	0	0	0	0	0	0	
09-May	0	0	0	0	4	16	0	0	0	20 15	0	0	0	0	1 0	1	0	0	0	
10-May 11-May	0	0	0	0	6 3	12	0	0	0	15	0	0	0	0	0	0	0	0	0	
12-May 13-May	0	0	0	0	9	8	0	0	0	17 16	0	0	0	0	0	0	0	0	0	
14-May 15-May	0	0	0	0	4	4 3	0	0	0	8 14	0	0	0	0	0	0	0	0	0	
16-May	1	0	0	0	8	4	0	0	0	13	0	0	0	0	0	0	0	0	0	
17-May 18-May	0	0	0	0	8	3	0	0	0	11 11	0	0	0	0	0	0	0	0	0	
19-May	1	0	0	0	1 5	9	0	0	0	11	0	0	0	0	0	0	0	0	0	
20-May 21-May	0	1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	
22-May 23-May	0	0	0	0	5 2	8 5	0	0	0	13 7	0	0	0	0	0	0	0	0	0	
24-May	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	
25-May 26-May	0	1	0	0	0 4	1 2	0	0	0	7	0	0	0	0	0	0	0	0	0	
27-May 28-May	2	0	0	0	1 2	4 6	0	0	0	6 10	0	0	0	0	0	0	0	0	0	
29-May	0	0	0	0	5	5	0	0	0	10	0	0	0	0	0	0	0	0	0	
30-May 31-May	1	0	0	0	3	2	0	0	0	5	0	0	0	0	0	0	0	0	0	
01-Jun	1	1	0	0	2	4	0	0	0	8	0	0	0	0	0	0	0	0	0	

Table 1.	Daily Collection	on and Bypass	Numbers ar	nd River Cond	ditions at Lowe	er Monumental	Dam.	2017												
				Daily Nur	mber of Fish C	ollected								Daily N	Numbers Bypas	ssed				
Date	Yearling	Chinook	Subyearlin	ng Chinook	Stee	lhead	Sockeye	/Kokanee	Coho	Daily	Yearling	Chinook	Subyearli	ng Chinook	Steel	head	Sockeye	/Kokanee	Coho	Daily
02-Jun	Clipped 350	Unclipped 450	Clipped 11,550	Unclipped 12,000	Clipped 650	Unclipped 700	Clipped 0	Unclipped 0	200	Total 25,900	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	0	Total
02-Jun 03-Jun	300	200	6,800	9,700	600	1,100	100	0	400	19,200	0	0	0	0	0	0	0	0	0	0
04-Jun	200	100	4,700	6,900	1,100	700	100	0	200	14,000	0	0	0	0	0	0	0	0	0	0
05-Jun 06-Jun	100	200 100	8,300 6,000	11,500 4,400	200 400	600 800	0	100	400 100	21,200 12,000	0	0	0	0	0	0	0	0	0	0
07-Jun	0	0	7,245	6,039	709	507	0	0	0	14,500	0	0	0	0	0	0	0	0	0	0
08-Jun 09-Jun	0	300 250	7,100 5,400	4,900 4,050	300 300	500 250	0	0 100	0	13,100 10,350	0	0	0	0	0	0	0	0	0	0
10-Jun	50	150	4,450	4,600	200	100	0	50	200	9,800	0	0	0	0	0	0	0	0	0	0
11-Jun	50	400	4,450	3,900	300	100	50	0	150	9,400	0	0	0	0	0	0	0	0	0	0
12-Jun 13-Jun	100	150 300	4,350 2,650	3,950 2,250	150 50	50 150	50	0	0 50	8,650 5,600	0	0	0	0	0	0	0	0	0	0
14-Jun	51	201	4,145	4,395	4	4	0	0	0	8,800	0	0	0	0	0	0	0	0	0	0
15-Jun 16-Jun	50	150 200	3,400 2,550	3,200 2,850	50 50	0	0	0	0 50	6,850	0	0	0	0	0	0	0	0	0	0
16-Jun 17-Jun	0	300	2,550	2,850	50	100	0	0	0	5,700 5,650	0	0	0	0	0	0	0	0	0	0
18-Jun	0	100	3,400	3,900	100	100	0	0	50	7,650	0	0	0	0	0	0	0	0	0	0
19-Jun 20-Jun	50	150 50	750 850	1,750 1,350	50 200	50 100	0	50 100	0	2,850 2,650	0	0	0	0	0	0	0	0	0	0
21-Jun	65	121	598	821	125	85	20	0	40	1,875	0	0	0	0	0	0	0	0	0	0
22-Jun	20	40	980	1,460	140	60	20	0	60	2,780	0	0	0	0	0	0	0	0	0	0
23-Jun 24-Jun	0	100 140	1,700 1,760	2,260 1,900	200 100	120 80	0	0	0 20	4,380 4,000	0	0	0	0	0	0	0	0	0	0
25-Jun	0	160	2,280	2,680	180	80	0	0	20	5,400	0	0	0	0	0	0	0	0	0	0
26-Jun 27-Jun	200	300 240	2,460 900	2,700 1,600	320 60	80 20	0	0	20 0	5,880 3,020	0	0	0	0	0	0	0	0	0	0
28-Jun	200	125	1,072	1,991	109	21	0	0	20	3,340	0	0	0	0	0	0	0	0	0	0
29-Jun	0	420	1,340	2,240	20	0	0	0	0	4,020	0	0	0	0	0	0	0	0	0	0
30-Jun 01-Jul	20	240 600	2,780 4,680	4,240 7,920	20 40	0	0	0	20 0	7,300 13,260	0	0	0	0	0	0	0	0	0	0
02-Jul	0	160	2,100	3,940	0	20	20	0	0	6,240	0	0	0	0	0	0	0	0	0	0
03-Jul 04-Jul	0	100 300	1,160 1,080	2,060 2,580	60	0	0	0	0	3,320 4,020	0	0	0	0	0	0	0	0	0	0
05-Jul	0	63	1,181	2,696	0	0	0	0	0	3,940	0	0	0	0	0	0	0	0	0	0
06-Jul	0	80	2,460	5,020	0	0	0	0	0	7,560	0	0	0	0	0	0	0	0	0	0
07-Jul 08-Jul	20	220 200	1,020 1,260	3,080 3,640	0	0	0	0	0	4,320 5,120	0	0	0	0	0	0	0	0	0	0
09-Jul	20	120	1,500	3,660	20	0	0	0	0	5,320	0	0	0	0	0	0	0	0	0	O
10-Jul 11-Jul	0	80 80	1,020 1,020	2,880 2,880	0	0	0	0	0	3,980 3,980	0	0	0	0	0	0	0	0	0	0
12-Jul	0	21	600	2,038	1	0	0	0	0	2,660	0	0	0	0	0	0	0	0	0	0
13-Jul	0	80	800	2,720	20	0	0	0	0	3,620	0	0	0	0	0	0	0	0	0	0
14-Jul 15-Jul	0 20	60 40	1,220 940	4,100 2,780	20	0	0	0	0	5,380 3,800	0	0	0	0	0	0	0	0	0	0
16-Jul	0	40	460	1,620	0	0	0	0	0	2,120	0	0	0	0	0	0	0	0	0	0
17-Jul	0	20	420	1,500	0	0	0	0	0	1,940	0	0	0	0	0	0	0	0	0	0
18-Jul 19-Jul	0	80 20	420 885	1,820 2,715	0	0	0	0	0	2,320 3,620	0	0	0	0	0	0	0	0	0	0
20-Jul	20	0	660	1,580	0	0	0	0	0	2,260	0	0	0	0	0	0	0	0	0	0
21-Jul 22-Jul	0	20 0	300 100	920 340	0	0	0	0	0	1,240 440	20	20	959 99	2,497 338	0	0	0	0	0	3,496 437
22-Jul 23-Jul	0	20	200	580	0	0	0	0	0	800	0	20	200	580	0	0	0	0	0	800
24-Jul	0	10	120	380	0	0	0	0	0	510	0	9	63	180	0	0	0	0	0	252
25-Jul 26-Jul	0	10 0	110 96	450 404	0	0	0	0	0	570 500	0	0	0	0	0	0	0	0	0	0
27-Jul	0	0	30	170	10	0	0	0	0	210	0	0	0	0	0	0	0	0	0	0
28-Jul	0	0	36	152	0	0	0	0	0	188	0	0	0	0	0	0	0	0	0	0
29-Jul 30-Jul	0	0 4	28 16	88 96	0	0	0	0	0	116 116	0	0	0	0	0	0	0	0	0	0
31-Jul	0	0	28	156	0	0	0	0	0	184	0	0	0	0	0	0	0	0	0	0
01-Aug	0	0	20 16	92 136	0	0	0	0	0	112 152	0	0	0	0	0	0	0	0	0	0
02-Aug	0	0	16	136	0	0	0	0	0	152	0	0	0	0	0	0	0	0	0	

River Conditions River Water								mental Dam.		2017													
						Percent Dail	ly Descaling								Daily Faci	lity Mortality	Numbers				ı		
Flow Spill Temp.	Date	Yearling		Subyearlin	-	Steel		Sockeye/		Coho	Total	Yearling		Subyearling	-	Steel		Sockeye/		Coho	Daily	Percent	
(kcfs) (kcfs) (°F) 177.7 99.7 57.6 (02 Jun	Clipped 0.0	Unclipped 0.0	Clipped 0.0	Unclipped 0.4	Clipped 23.1	Unclipped 0.0	Clipped	Unclipped	0.0	Facility 0.8	Clipped 0	Unclipped 0	Clipped 10	Unclipped 5	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	0	Total 15	Mortality 0.06%	
168.5 90.6 58.1	03-Jun	33.3	0.0	0.0	2.1	0.0	0.0		0.0	0.0	1.6	3	0	16	17	0	0	1	0	1	38	0.20%	
166.3 89.1 57.9 (166.0 89.0 57.3 (50.0 0.0	0.0	0.0	0.0	18.2 0.0	0.0	0.0		0.0	2.1 0.5	6	1	6 10	2	0	0	0	0	0	21 14	0.15% 0.07%	
165.3 97.5 57.4		0.0	0.0	1.7	0.9	0.0	0.0		0.0	0.0	0.3	5	1	4	10	2	1	0	3	0	26	0.07%	
161.0 114.0 58.5				2.8 1.4	1.7 2.1	0.0	0.0 20.0				2.1	1	0	6	7	1	0	0	0	0	15	0.10% 0.09%	
149.5 108.9 58.3 (152.8 96.2 58.6 (0.0	0.0	0.0	0.0	0.0		0.0		2.3 0.0	0	0	8	0	0	0	0	1	0	12	0.09%	
152.7 93.8 58.7 1	10-Jun	0.0	0.0	0.0	1.1	0.0	0.0		0.0	0.0	0.5	0	0	2	1	2	0	0	0	0	5	0.05%	
144.6 85.8 59.6 1 125.2 66.6 59.5		0.0	0.0	0.0	1.3 0.0	16.7 0.0	0.0	0.0		0.0	1.1 0.0	0	0	3	0	0	0	0	0	0	8 4	0.09% 0.05%	
110.1 59.9 59.3 1	13-Jun	0.0	0.0	0.0	2.2	0.0	0.0	0.0		0.0	0.9	0	0	4	1	0	0	0	0	0	5	0.09%	
128.0 50.6 58.9 1 126.5 50.1 58.5		100.0	0.0	1.2 2.9	3.4 0.0	0.0					2.9 1.5	0	6	2	0	0	0	0	0	0	1	0.01% 0.15%	<u> </u>
116.1 48.0 58.4 1	16-Jun		0.0	2.0	1.8	0.0				0.0	1.8	0	1	0	0	0	0	0	0	0	10	0.02%	
115.3 50.0 59.1			0.0	0.0	4.1	0.0	0.0				1.8	0	2	1	5	0	0	0	0	0	8	0.14%	
120.8 48.7 59.2 1 111.8 50.0 59.7		0.0	0.0	4.6 0.0	1.3 0.0	0.0 100.0	0.0		0.0	0.0	2.6 1.8	0	0	2	2 4	0	0	0	0	0	6	0.03% 0.21%	
118.2 48.6 59.7	20-Jun		0.0	5.9	3.8	0.0	0.0		50.0		5.8	0	0	2	3 4	0	0	0	0	0	5	0.19%	
108.8 37.2 60.2 2 126.8 49.3 61.4 2		0.0	0.0	0.0	0.0 1.5	0.0	25.0 0.0	0.0 100.0		0.0	1.1 1.5	1	0	2	6	0	0	0	0	0	6	0.32%	
113.2 36.8 62.6 2	23-Jun		0.0	0.0	0.9	0.0	0.0				0.5	0	0	1	2	0	0	0	0	0	3	0.07%	
105.0 31.1 63.0 2 96.7 20.7 63.5 2			0.0 12.5	1.1 0.9	0.0	0.0	0.0			0.0	0.5 1.1	0	0	2	0	0	0	0	0	0	0	0.00% 0.06%	<u> </u>
93.6 18.1 64.2			0.0	0.0	0.0	0.0	0.0			0.0	0.0	0	0	2	0	0	0	0	0	0	2	0.03%	
80.0 17.0 64.3		0.0	0.0	2.2 1.9	3.8 1.0	0.0 25.0	0.0				2.7	0	0	1	0	0	0	0	0	0	1	0.03%	<u> </u>
81.4 16.5 64.5 81.6 17.0 64.8			16.7 0.0	0.0	0.0	0.0	0.0			0.0	2.5	0	0	2	5	0	0	0	0	0	7	0.03% 0.17%	
72.6 16.4 65.0	30-Jun		0.0	2.2	0.9	0.0				0.0	1.4	0	0	2	4	0	0	0	0	0	6	0.08%	
77.7 17.0 65.4 (68.4 16.6 65.7 (0.0	0.0	2.6 2.9	1.8 0.5	0.0	0.0	0.0			2.0 1.3	0	0	0	5	0	0	0	0	0	9	0.07% 0.08%	
67.7 17.2 66.5	03-Jul		20.0	3.4	1.0						2.4	0	0	2	7	0	0	0	0	0	9	0.27%	
69.3 16.6 67.0 (61.4 17.3 67.6 (13.3	1.9 0.0	1.6 0.8	0.0					2.5 0.5	0	0	2	1 22	0	0	0	0	0	. 3 26	0.07% 0.66%	
61.4 16.7 68.0			0.0	3.3	2.0						2.4	0	0	2	3	0	0	0	0	0	5	0.00%	
62.7 17.2 68.6		0.0	27.3	0.0	1.3 3.9						2.3	0	0	2	2 2	0	0	0	0	0	4	0.09%	
55.3 16.5 68.6 (58.3 17.0 68.6 (0.0	0.0	0.0 4.1	2.7	0.0					2.8 3.0	0	0	2	3	0	0	0	0	0	5	0.06% 0.09%	
50.2 16.8 68.7 1	10-Jul		0.0	6.1	4.4						5.1	0	0	4	0	0	0	0	0	0	4	0.10%	
57.2 17.0 69.3 1 47.4 18.6 69.1			0.0	0.0	2.1 3.1						1.5 2.4	0	0	0	1 4	0	0	0	0	0	2	0.05% 0.15%	
49.1 17.0 69.2 1	13-Jul		25.0	0.0	0.7	0.0					1.1	0	0	3	3	0	0	0	0	0	6	0.17%	
50.9 16.5 70.0 1 48.4 16.9 70.0		0.0	33.3 0.0	9.8 10.6	0.9 6.5	0.0					3.4 7.4	0	0	5	6	0	0	0	0	0	9	0.17% 0.29%	
45.0 16.7 70.0			50.0	13.0	2.5						5.7	0	0	1	2	0	0	0	0	0	3	0.29%	
45.5 16.9 70.3			0.0	4.8	4.0						4.1	0	1	0	8	0	0	0	0	0	9	0.46%	
42.8 16.5 70.4 1 45.4 17.0 70.4			0.0	0.0	0.0 1.5						0.0 1.1	0	0	1	2 19	0	0	0	0	0	4 20	0.17% 0.55%	
47.1 16.6 70.7	20-Jul	0.0		3.0	3.8						3.5	0	0	0	1	0	0	0	0	0	1	0.04%	
40.0 17.0 70.8 4 41.0 17.1 70.3			100.0	6.7 0.0	2.2 5.9						4.9 4.6	0	0	1	2 2	0	0	0	0	0	3	0.24% 0.68%	
38.8 17.0 69.8 2	23-Jul		0.0	0.0	6.9						5.0	0	0	0	0	0	0	0	0	0	0	0.00%	
35.5 16.9 70.3 2			0.0	0.0	7.9						5.9	0	0	0	0	0	0	0	0	0	0	0.00%	
40.5 17.1 71.0 2 38.5 16.7 70.8 2			0.0	0.0	4.5 0.0						3.6 0.0	0	0	0	2	0	0	0	0	0	2 2	0.35% 0.40%	
40.0 17.1 70.2 2	27-Jul			0.0	0.0	0.0					0.0	0	0	2	2	1	0	0	0	0	5	2.38%	
42.4 17.1 70.8 2 40.6 16.9 70.9				0.0	2.6 0.0						2.1	0	0	0	0 2	0	0	0	0	0	0	0.00% 1.72%	
35.8 16.8 70.4 3			0.0	25.0	0.0						3.5	0	0	0	0	0	0	0	0	0	0	0.00%	
37.5 16.8 70.8 3 40.6 16.6 71.3				28.6 20.0	7.7 4.3						10.9	0	0	0	1	0	0	0	0	0	1	0.54% 0.89%	
40.6 16.6 71.3 (38.2 17.0 71.0 (02-Aug			25.0	0.0						7.1 2.6	0	0	0	0	0	0	0	0	0	0	0.89%	

Table 3. Da	aily Number of	Fish Trucked a	nd Barged Fro	m Lower Mo	numental Dai	m.	2017													
				Daily I	Numbers True	cked								Daily	Numbers Bar	ged				
Date	Yearling		Subyearling			lhead	Sockeye/		Coho	Daily		Chinook		ng Chinook		lhead	-	/Kokanee	Coho	Daily
02-Jun	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total	Clipped 	Unclipped	Clipped 	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total 0
03-Jun										0	647	650	18,324	21,678	1,250	1,800	99	0	599	45,047
04-Jun 05-Jun										0	194	295	12,984	18,394	1,299	1,300	99	0	600	35,165
06-Jun 07-Jun										0	94	99	13,235	10,422	1,106	1,306	0	97	100	0 26,459
08-Jun 09-Jun										0		550	12,491	8,946	599	750	0	99	0	23,435
10-Jun										0										0
11-Jun 12-Jun										0	99	548	8,894	8,499	497	200	50	50	350	19,187 0
13-Jun										0	100	450	6,993	6,198	200	200	50	0	50	14,241
14-Jun 15-Jun										0	100	345	7,542	7,594	54	4	0	0	0	15,639
16-Jun 17-Jun										0	0	497	5,299	5,295	100	100	0	0	50	0 11,341
18-Jun 19-Jun										0	50	250	4,148	5,644	150	150		50	50	0 10,492
20-Jun										0										0
21-Jun 22-Jun										0	64	171	1,446	2,164	325	184	20	100	40	4,514
23-Jun 24-Jun										0	19	140	2,677	3,712	340	180	20	0	60	7,148
25-Jun										0	0	300	4,038	4,579	280	160	0	0	40	9,397
26-Jun 27-Jun										0	200	540	3,357	4,300	380	100	0	0	20	. 0 8,897
28-Jun 29-Jun										0	2	545	2,410	4,226	128	21			20	0 7,352
30-Jun										0										0
01-Jul 02-Jul										0	18	839	7,457	12,151	60	0	0	0	20	20,545
03-Jul 04-Jul										0	0	260	3,258	5,988	0	20	20	0	0	9,546
05-Jul										0	0	360	2,258	5,253	60	0	0	0	0	7,931
06-Jul 07-Jul										0	0	300	3,476	8,095	0	0	0	0	0	0 11,871
08-Jul 09-Jul										0	40	320	2.757	7,295	20	0	0	0	0	0
10-Jul										0			2,757				-			10,432 0
11-Jul 12-Jul										0	0	160	2,035	5,759	0	0	0	0	0	7,954 0
13-Jul 14-Jul										0	0	101	1,397	4,751	21	0	0	0	0	6,270
15-Jul										0	20	99	2,153	6,868	20	0	0	0	0	9,160
16-Jul 17-Jul										0	0	59	 879	3,110	0	0	0	0	0	4,048
18-Jul 19-Jul										0		99	1,303	4,514		0	0		0	0 5,916
20-Jul		-								0										0,916
21-Jul 22-Jul										0	0	0	0	0	0	0	0	0	0	0
23-Jul 24-Jul										0	0	0	0	0	0	0	0	0	0	0
25-Jul										0	0	11	167	648	0	0	0	0	0	826
26-Jul 27-Jul										0	0	0	123	571	9	0	0	0	0	0 703
28-Jul										0										0
29-Jul 30-Jul										0	0	0	64	238	0	0	0	0	0	302 0
31-Jul 01-Aug										0	0	4	44	251	0	0	0	0	0	299 0
02-Aug										0	0	0	36	227	0	0	0	0	0	263

				allback Morta																
				Ι	Daily Fallback	Numbers								Daily Fallba	ck Mortality	y Numbers				
Date		Adults		ok Jacks		elhead	Sock	-	Coho	Daily	Chinook			ok Jacks		elhead		ckeye	Coho	
02-Jun	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 5	Unclipped 9	Clipped 0	Unclipped 0	0	Total 14	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped	Unclipped 0	Clipped 0	Unclipped	0	
03-Jun	0	0	0	0	2	3	0	0	0	5	0	0	0	0	0	0	0	0	0	
04-Jun	1	0	2	0	1	2	0	0	0	6	0	0	0	0	0	0	0	0	0	
05-Jun	0	0	0	0	10 7	3 2	0	0	0	15	0	0	0	0	0	0	0	0	0	
06-Jun 07-Jun	2	0	1	1	3	2	0	0	0	10	0	0	0	0	0	0	0	0	0	
08-Jun	1	0	0	0	5	2	0	0	0	8	0	0	0	0	0	0	0	0	0	
09-Jun	3	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0	0	
10-Jun 11-Jun	2	0	0	0	0	0	0	0	0	. 4	0	0	0	0	0	0	0	0	0	
12-Jun	2	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	
13-Jun	2	0	0	0	2	2	0	0	0	6	0	0	0	0	0	0	0	0	0	
14-Jun	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
15-Jun 16-Jun	2	0	0	0	0	2	0	0	0	. 3	0	0	0	0	0	0	0	0	0	
17-Jun	0	0	0	0	0	1	0	0	0	. 1	0	0	0	0	0	0	0	0	0	
18-Jun	0	3	0	0	0	2	0	0	0	5	0	0	0	0	0	0	0	0	0	
19-Jun	1	1	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	
20-Jun 21-Jun	1 1	0	1	0	2	0 2	0	0	0	3	0	0	0	0	0	0	0	0	0	
22-Jun	0	0	2	0	1	1	0	0	0	4	0	0	0	0	0	0	0	0	0	
23-Jun	1	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	
24-Jun	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	
25-Jun 26-Jun	2	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	
27-Jun	1	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
28-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29-Jun	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
30-Jun 01-Jul	2	0	0	0	0	0	0	0	0	1 2	0	0	0	0	0	0	0	0	0	
02-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04-Jul 05-Jul	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05-Jul 06-Jul	0	0	0	0	1	0	0	0	0	- 2	0	0	0	0	0	0	0	0	0	
07-Jul	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
08-Jul	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
09-Jul 10-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11-Jul	2	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	
12-Jul	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
13-Jul	1	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
14-Jul 15-Jul	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
16-Jul	1	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
17-Jul	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
18-Jul 19-Jul	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
19-Jul 20-Jul	0	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
21-Jul	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
22-Jul	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
23-Jul 24-Jul	0	0	0	0	0	0	0	0	0	. 1	0	0	0	0	0	0	0	0	0	
25-Jul	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28-Jul 29-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29-Jul 30-Jul	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 1.	Daily Collection	n and Bypass	Numbers ar	nd River Con-	ditions at Lowe	er Monumental	Dam.	2017												
				Daily Nu	mber of Fish C	ollected								Daily N	Numbers Bypas	ssed				
Date	Yearling			ng Chinook		lhead	-	/Kokanee	Coho	Daily	Yearling			ng Chinook	Steel		-	/Kokanee	Coho	Daily
03-Aug	Clipped 0	Unclipped 4	Clipped 14	Unclipped 50	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	0	Total 68	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	0	Total
04-Aug	0	0	6	38	0	0	0	0	0	44	0	0	0	0	0	0	0	0	0	0
05-Aug 06-Aug	0	0	4	28 12	0	0 2	0	0	0	32 18	0	0	0	0	0	0	0	0	0	0
07-Aug	0	0	2	24 10	0	2	0	0	0	28	0	0	0	0	0	0	0	0	0	0
08-Aug 09-Aug	0	0	0	22	0	0	0	0	0	10 22	0	0	0	0	0	0	0	0	0	0
10-Aug	0	0	2 2	22	0	0	0	0	0	24 10	0	0	0	0	0	0	0	0	0	. 0
11-Aug 12-Aug	0	0	0	8 14	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0
13-Aug 14-Aug	0	0	0	0 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-Aug	0	0	2	3	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
16-Aug 17-Aug	0	0	0	14 9	0	0	0	0	0	16 9	0	0	0	0	0	0	0	0	0	0
18-Aug	0	0	6	29	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0
19-Aug 20-Aug	0	0	0	12 8	0	0	0	0	0	12 9	0	0	0	0	0	0	0	0	0	0
21-Aug	0	1	4	27	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0
22-Aug 23-Aug	0	0	2	20 10	0	0	0	0	0	21 12	0	0	0	0	0	0	0	0	0	0
24-Aug	0	0	2	14	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0
25-Aug 26-Aug	0	0	0	7	0	0	0	0	0	7 7	0	0	0	0	0	0	0	0	0	0
27-Aug	0	0	2 2	11 12	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0
28-Aug 29-Aug	0	0	0	8	0	0	0	0	0	15 8	0	0	0	0	0	0	0	0	0	0
30-Aug 31-Aug	0	0	0	9	0	0	0	0	0	11 7	0	0	0	0	0	0	0	0	0	0
01-Sep	0	0	0	3	0	1	0	0	0	4	0	0	0	0	0	0	0	0	0	0
02-Sep 03-Sep	0	0	2	11 20	0	0	0	0	0	11 23	0	0	0	0	0	0	0	0	0	. 0
04-Sep	0	0	0	21	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0
05-Sep 06-Sep	0	0	2	15 6	0	0	0	0	0	17 7	0	0	0	0	0	0	0	0	0	0
07-Sep	0	0	2	11	0	0	0	0	0	13	0	0	3	17	0	0	0	0	0	20
08-Sep 09-Sep	0	0	0	11 10	0	0	0	0	0	12 10	0	0	0	0 21	0	0	0	0	0	0 22
10-Sep	0	0	0	7	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0
11-Sep 12-Sep	0	0	1	9 11	0	0	0	0	0	10 12	0	0	0	15 0	0	0	0	0	0	16 0
13-Sep	0	0	1	10 15	0	0	0	0	0	11	0	0	2	19 0	0	0	0	0	0	21 0
14-Sep 15-Sep	0	0	0	7	0	0	0	0	0	16 7	0	0	1	22	0	0	0	0	0	23
16-Sep 17-Sep	0	0	1 2	5 18	0	0	0	0	0	6 21	0	0	0	0 23	0	0	0	0	0	0 27
18-Sep	0	0	1	5	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0
19-Sep 20-Sep	0	0	3	14 12	0	0	0	0	0	18 12	0	0	4 0	19	0	0	0	0	0	24
21-Sep	0	0	0	19	1	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0
22-Sep 23-Sep	0	0	0	6	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0
24-Sep	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
25-Sep 26-Sep	0	0	0	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
27-Sep	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
28-Sep 29-Sep	0	0	0	4	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
30-Sep	0	0	1	3	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
1-Oct Totals	1,085,863	0 373,783	143,911	7 201,653	973,825	321,374	0 8,370	8,920	33,800	3,151,499	0 277,539	212,024	1,336	4,332	0 472,639	0 87,447	0	0 4,597	800	1,060,714

		Table 2.	Percent Daily	Descaling a	nd Daily Fac	ility Mortalit	y Numbers at	Lower Monu	mental Dam.		2017													
River Conditions							Percent Dai	ly Descaling					l			Daily Fac	ility Mortality	Numbers						
	Water Temp.	Date	Yearling	Chinook	Subyearlii	ng Chinook	Stee	lhead	Sockeye	Kokanee	Coho	Total	Yearling	Chinook	Subyearlir	ng Chinook	Steel	lhead	Sockeye	/Kokanee	Coho	Daily	Percent	
(kcfs) (kcfs)	(°F)		Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Facility	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total	Mortality	
		03-Aug 04-Aug		0.0	0.0	0.0 5.3						0.0 4.6	0	0	0	0	0	0	0	0	0	0 1	0.00% 2.27%	
31.9 16.5 7	70.4	05-Aug			0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
		06-Aug 07-Aug			0.0	16.7 0.0		0.0				11.1 0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
30.0 16.9 7	70.5	08-Aug				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
		09-Aug 10-Aug			0.0	0.0		0.0				0.0	0	0	0	0	0	0	0	0	0	0	0.00% 4.17%	
29.3 16.0 7	71.0	11-Aug			0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
		12-Aug 13-Aug				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00% #DIV/0!	
28.2 15.8 7	71.1	14-Aug				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
		15-Aug 16-Aug			0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00% 0.00%	<u> </u>
29.8 71.0 7	71.7	17-Aug				11.1						11.1	0	0	0	0	0	0	0	0	0	0	0.00%	
		18-Aug 19-Aug			0.0	0.0 8.3						0.0 8.3	0	0	0	0	0	0	0	0	0	0	0.00% 0.00%	
26.1 13.5 7	70.7	20-Aug		-	0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
		21-Aug 22-Aug		0.0	0.0	3.7 5.0		0.0				3.1 4.8	0	0	0	0	0	0	0	0	0	0	0.00% 0.00%	
27.4 12.0 6	69.0	23-Aug			0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
		24-Aug 25-Aug		0.0	0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
25.3 9.9 6	69.3	26-Aug				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
		27-Aug 28-Aug		0.0	0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00% 6.67%	
27.8 12.6 6	68.6	29-Aug				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
		30-Aug 31-Aug			0.0	11.1 0.0						9.1 0.0	0	0	0	0	0	0	0	0	0	0	0.00%	<u> </u>
24.7 11.7 6	69.0	01-Sep				0.0		0.0				0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
		02-Sep 03-Sep	0.0		0.0	9.1 0.0						9.1 4.4	0	0	0	0	0	0	0	0	0	0	0.00% 0.00%	
20.2 0.0 7	70.0	04-Sep				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
	69.0 69.1	05-Sep 06-Sep			0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00% 0.00%	
23.8 4.2 6	68.9	07-Sep			0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
	68.8 68.8	08-Sep 09-Sep			0.0	0.0 10.0						0.0 10.0	0	0	0	0	0	0	0	0	0	0	0.00%	
26.0 6.9 6	68.8	10-Sep				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
		11-Sep 12-Sep			0.0	0.0						0.0	0	0	0	1	0	0	0	0	0	1	10.00% 8.33%	
24.2 0.5 6	68.7	13-Sep			0.0	0.0						0.0	0	0	0	1	0	0	0	0	0	1	9.09%	
	68.4 68.4	14-Sep 15-Sep			0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00% 0.00%	
21.0 0.0 6	68.4	16-Sep			0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
	68.1 67.9	17-Sep 18-Sep		100.0	0.0	5.6 0.0						9.5 0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
36.0 0.0 6	67.2	19-Sep			0.0	0.0	0.0					0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
		20-Sep 21-Sep				0.0	0.0					0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
28.3 0.0 6	66.2	22-Sep			0.0	0.0						0.0	0	0	0	1	0	0	0	0	0	1	12.50%	
		23-Sep 24-Sep				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00% 0.00%	
21.5 0.0 6	65.3	25-Sep				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
	65.4 65.5	26-Sep 27-Sep				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
26.1 0.0 6	66.0	28-Sep			0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
	65.7 65.4	29-Sep 30-Sep			0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00% 0.00%	
	64.8					14.3						14.3	0	0	0	1	0	0	0	0	0	1	14.29%	
												Totals	956	176	146	218	312	106	41	84	41	2,080	0.07%	

Table 3. D	aily Number of	Fish Trucked a	and Barged Fro	om Lower Mo	numental Da	m.	2017													
				Daily l	Numbers True	cked								Daily	Numbers Bar	ged				
Date	Yearling		Subyearlin	-		lhead	Sockeye/		Coho	Daily	-	Chinook		ng Chinook		lhead	-	/Kokanee	Coho	Daily
03-Aug	Clipped	Unclipped	Clipped 	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total 0	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total 0
04-Aug										0	0	4	20	87	0	0	0	0	0	111
05-Aug 06-Aug										0	0	0	8	40	0	2	0	0	0	50
07-Aug 08-Aug										0	0	0	2	34	0	2	0	0	0	0 38
09-Aug										0					1					0
10-Aug 11-Aug										0	0	0	2	43	0	0	0	0	0	45
12-Aug										0	0	0	2	22	0	0	0	0	0	24
13-Aug 14-Aug										0	0	0	0	4	0	0	0	0	0	0 4
15-Aug										0										0
16-Aug 17-Aug	0	0	4	17	0	0	0	0	0	21 0										. 0
18-Aug 19-Aug	0	0	6	38	0	0	0	0	0	44										0
20-Aug	0	0	1	20	0	0	0	0	0	21										0
21-Aug 22-Aug	0	1	4	47	0	1	0	0	0	0 53										0
23-Aug										0										0
24-Aug 25-Aug	0	0	4	24	0	0	0	0	0	28 0										0
26-Aug	0	1	0	13	0	0	0	0	0	14										0
27-Aug 28-Aug	0	1	3	23	0	0	0	0	0	0 27										0
29-Aug			2							0										0
30-Aug 31-Aug	0	0		17	0	0	0	0	0	19 0										. 0
01-Sep 02-Sep	0	0	0	10	0	1	0	0	0	11 0										0
03-Sep	1	0	2	31	0	0	0	0	0	34										
04-Sep 05-Sep	0	0	2	36	0	0	0	0	0	0 38										. 0
06-Sep										0										j
07-Sep 08-Sep	0	0	0	0	0	0	0	0	0	0										. 0
09-Sep	0	0	0	0	0	0	0	0	0	0										0
10-Sep 11-Sep	0	0	0	0	0	0	0	0	0	0										. (
12-Sep	0	0	0	0	0	0	0	0	0	0										
13-Sep 14-Sep										0										(
15-Sep 16-Sep	0	0	0	0	0	0	0	0	0	0										. 0
17-Sep	0	0	0	0	0	0	0	0	0	0										
18-Sep 19-Sep	0	0	0	0	0	0	0	0	0	0										0
20-Sep										0										0
21-Sep 22-Sep	0	0	0	31	1	0	0	0	0	32 0										0
23-Sep	0	0	2	14	0	0	0	0	0	16										0
24-Sep 25-Sep	0	0	0	4	0	0	0	0	0	4										0
26-Sep 27-Sep	0	0	0	5	0	0	0	0	0	0										0
28-Sep										0										0
29-Sep 30-Sep	0	0	1	5	0	0	0	0	0	6										0
1-Oct	0	0	1	9	0	0	0	0	0	10										0
Totals	1	3	32	344	1	2	0	0	0	383	807,367	161,580	142,397	196,759	500,873	233,819	8,329	4,239	32,959	2,088,322

ruote ii B	aily Number	of Adult Fall	backs and F			Monumental Dan	n.	2017												
				I	Daily Fallback	Numbers								Daily Fallba	ack Mortality	y Numbers				
Date		k Adults		ok Jacks		elhead	Sock	-	Coho	Daily	Chinook			ok Jacks		elhead		keye	Coho	D
03-Aug	Clipped 1	Unclipped 0	Clipped	Unclipped 0	Clipped 0	Unclipped 2	Clipped 0	Unclipped 0	0	Total 3	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped	Unclipped 0	0	Т
04-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05-Aug	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0	
06-Aug 07-Aug	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0	
08-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
09-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10-Aug 11-Aug	0	0	0	0	0	0	0	0	0	. 2	0	0	0	0	0	0	0	0	0	
12-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14-Aug 15-Aug	0	0	0	0	0	0	0	0	0	. 1	0	0	0	0	0	0	0	0	0	
16-Aug	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
17-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18-Aug 19-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23-Aug 24-Aug	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0	
25-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26-Aug	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
27-Aug 28-Aug	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0	
29-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31-Aug 01-Sep	0	0	0	0	0	0	0	0	0	. 1	0	0	0	0	0	0	0	0	0	
02-Sep	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
03-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04-Sep	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0	
05-Sep 06-Sep	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0	1
07-Sep	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
08-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
09-Sep 10-Sep	0	0	0	0	3	2	0	0	0	. 5	0	0	0	0	0	0	0	0	0	
11-Sep	1	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
12-Sep	1	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
13-Sep 14-Sep	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
15-Sep	1	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
16-Sep	0	2	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	
17-Sep 18-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19-Sep	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
20-Sep	1	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	
21-Sep 22-Sep	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
22-Sep 23-Sep	0	0	2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	
24-Sep	1	0	1	1	0	2	0	0	0	5	0	0	0	0	0	0	0	0	0	
25-Sep	1	1	0	2	0	1	0	0	0	5	0	0	0	0	0	0	0	0	0	
26-Sep 27-Sep	0	0	0	3	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	
28-Sep	0	0	1	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	
29-Sep	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
30-Sep 1-Oct	2	1 4	0 4	3 2	2 11	6	0	0	0	8 29	0	0	0	0	0	0	0	0	0	
Totals	67	34	24	18	263	321	0	0	0	727	0	0	0	0	8	7	0	0	0	-