Table 1.	Daily Collection	on and Bypass	Numbers ar	nd River Con	ditions at Lowe	er Monumental	Dam.	2021												
				Daily Nu	mber of Fish C	ollected								Daily N	Numbers Bypas	ssed				
Date	Yearling		Subyearli	ng Chinook	Stee	lhead	Sockeye	/Kokanee	Coho	Daily	Yearling	Chinook	Subyearlin	ng Chinook	Steel		Sockeye	/Kokanee	Coho	Daily
1-Mar	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total 0	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total 0
2-Mar										0										0
3-Mar 4-Mar										0										0
5-Mar 6-Mar										0										0
7-Mar										0										0
8-Mar 9-Mar										0										0
10-Mar										0										0
11-Mar 12-Mar										0										0
13-Mar										0										0
14-Mar 15-Mar										0 0										0
16-Mar 17-Mar										0										0
18-Mar										0										0
19-Mar 20-Mar										0										0
21-Mar										0										0
22-Mar 23-Mar										0										0
24-Mar										0										0
25-Mar 26-Mar										0										0
27-Mar										0										0
28-Mar 29-Mar										0										0
30-Mar 31-Mar										0										0
1-Apr							-			0	-									0
2-Apr 3-Apr	5130	200	0	0	10	50	0	0	0	5,390 0	5129	200	0	0	10	50	0	0	0	5,389
4-Apr							-			0	-									0
5-Apr 6-Apr	2720	60	0	0	420	20	0	0	0	3,220 0	2720	60	0	0	420	20	0	0	0	3,220 0
7-Apr										0				0			0			0 2,934
8-Apr 9-Apr	2606	82	0	0	227	20	0	0	0	2,935 0	2605	82	0		227	20		0	0	2,934
10-Apr 11-Apr	1340	0	0	20	280	0	0	0	0	0 1,640	1340	0	0	20	280	0	0	0	0	0 1,640
12-Apr										0										0
13-Apr 14-Apr	1020	40	0	0	480	100	0	0	0	0 1,640	1020	40	0	0	480	100	0	0	0	0 1,640
15-Apr										0										0
16-Apr 17-Apr	1764	63	0	0	1427	205	0	0	0	3,459 0	1763	63	0	0	1427	205	0	0	0	3,458 0
18-Apr 19-Apr	2100	60	0	0	1720	340	0	0	0	4,220 0	2100	60	0	0	1720	340	0	0	0	4,220
20-Apr	1540	80	0	0	3940	380	0	0	40	5,980	1540	80	0	0	3939	380	0	0	40	5,979
21-Apr 22-Apr	2244	390	0	0	5257	529	0	0	0	0 8,420	2243	390	0	0	5257	529	0	0	0	0 8,419
23-Apr	700	50	0	0	1750	200	0	0	0	2,700	0	0	0	0	0	0	0	0	0	0,419
24-Apr 25-Apr	2200 1550	500 500	0	0	4350 3850	350 600	0	0	0 50	7,400 6,550	0	0	0	0	0	0	0	0	0	0
26-Apr	1000	800	0	0	3350	650	0	0	0	5,800	0	0	0	0	0	0	0	0	0	0
27-Apr 28-Apr	1150 1069	550 461	0	0	2850 2638	400 462	0	0	0	4,950 4,630	0	0	0	0	0	0	0	0	0	0
29-Apr	725	250	0	0	1600	375	0	0	0	2,950	0	0	0	0	0	0	0	0	0	0
30-Apr 01-May	425 520	300 220	0	0	1350 920	275 320	0	0 120	0	2,350 2,100	0	0	0	0	0	0	0	0	0	0

			Table 2.	Percent Daily	Descaling a	and Daily Fac	cility Mortali	ty Numbers at	Lower Monur	mental Dam		2021													
River Co	onditions	W						Percent Dai	ly Descaling								Daily Fac	ility Mortality	Numbers						
River Flow	Spill	Water Temp.	Date	-	Chinook		ng Chinook		lhead		/Kokanee	Coho	Total	Yearling		Subyearlin	-	Stee		-	/Kokanee	Coho	Daily	Percent	
(kcfs)	(kcfs)	(°F)	1-Mar	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Facility 	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total 0	Mortality #DIV/0!	
			2-Mar																				0	#DIV/0!	
			3-Mar 4-Mar																				0	#DIV/0! #DIV/0!	
			5-Mar 6-Mar																				0	#DIV/0! #DIV/0!	
		-	7-Mar																				0	#DIV/0!	
			8-Mar 9-Mar																				0	#DIV/0! #DIV/0!	
			10-Mar																				0	#DIV/0!	
			11-Mar 12-Mar																				0	#DIV/0! #DIV/0!	
			13-Mar																				0	#DIV/0!	
			14-Mar 15-Mar																				0	#DIV/0! #DIV/0!	
			16-Mar 17-Mar																				0	#DIV/0! #DIV/0!	
			18-Mar																				0	#DIV/0!	
			19-Mar 20-Mar																				0	#DIV/0! #DIV/0!	
			21-Mar																				0	#DIV/0!	
			22-Mar 23-Mar																				0	#DIV/0! #DIV/0!	
			24-Mar 25-Mar																				0	#DIV/0! #DIV/0!	
			26-Mar																				0	#DIV/0! #DIV/0!	
			27-Mar 28-Mar																				0	#DIV/0! #DIV/0!	
			29-Mar																				0	#DIV/0!	
			30-Mar 31-Mar																				0	#DIV/0! #DIV/0!	
			1-Apr																				0	#DIV/0!	
47.8 56.6	0.0 12.3	46.6	2-Apr 3-Apr	0	0			0	0				0.0	1	0	0	0	0	0	0	0	0	1 0	0.02% #DIV/0!	
55.8 54.6	38.5 37.8		4-Apr 5-Apr		0		500-		0					0	0	0	0	0	0	0	0	0	0	#DIV/0! 0.00%	
60.9	43.8	46.7	6-Apr	0									0.0										0	#DIV/0!	
55.4 59.4	38.1 41.9	47.4 46.7	7-Apr	0	0			0	0				0.0	1	0	0	0	0	0	0	0	0	0	#DIV/0! 0.03%	
59	41.5	48	9-Apr																				0	#DIV/0!	
54.7 51.4	38.3 36.3		10-Apr 11-Apr	0			0	0					0.0	0	0	0	0	0	0	0	0	0	0	#DIV/0! 0.00%	
53.4	37.3	48.2	12-Apr																				0	#DIV/0!	
52.8 47.6	37.2 33.5	48.2	13-Apr 14-Apr	0	0			0	0				0.0	0	0	0	0	0	0	0	0	0	0	#DIV/0! 0.00%	
44.7 47.8	31.7 33.8	49.1	15-Apr 16-Apr	0.00	0.00			0.00	0.00				0.0	1		0	0	0	0	0	0	0	0	#DIV/0! 0.03%	
48.4	34.5	49.9	17-Apr																				0	#DIV/0!	
45.7 45.6	32.8 32.7		18-Apr 19-Apr	0	0			3.49	0				1.4	0	0	0	0	0	0	0	0	0	0	0.00% #DIV/0!	
49.5	35.0	50.9	20-Apr	1.3	0			1.02	5.26			0	1.3	0	0	0	0	1	0	0	0	0	1	0.02%	
52.6 49.7	37.4 35.4		21-Apr 22-Apr	0.91	5.26			1.15	3.85				1.5	1	0	0	0	0	0	0	0	0	0	#DIV/0! 0.01%	
44.9	31.3	51.0	23-Apr	0.00	0.00			0.00	0.00				0.0	0	0	0	0	1	0	0	0	0	1	0.04%	
49.4 47.8	36.1 33.0		24-Apr 25-Apr	3.33	0.00			0.00 3.90	0.00 8.33			0.00	0.0 3.9	2	0	0	0	0	0	0	0	0	0	0.00% 0.03%	
50.2 49.3	33.8 32.5	51.0	26-Apr	0.00	0.00			2.99 1.75	8.33 0.00				2.6 1.0	1 0	2 0	0	0	3	1 0	0	0	0	7	0.12% 0.00%	
47.9	32.1	52.6	27-Apr 28-Apr	0.00	0.00			3.85	0.00				2.2	0	0	0	0	0	0	0	0	0	0	0.00%	
47.2 49.5	33.2 33.2		29-Apr 30-Apr	0.00	0.00 8.33			3.13 3.70	0.00				1.7 3.2	1	0	0	0	1 2	0	0	0	0	2	0.07% 0.13%	
61.5	44.0		01-May	0.00	0.00			2.17	0.00		16.67		1.9	1	1	0	0	1	1	0	0	0	4	0.13%	

Clipped Un	Number of Fish Trucked	and Barged From				2021													
Clipped Un 2-Mar			Daily N	Numbers Truc	ked								Daily	Numbers Bar	ged				
-Mar	Yearling Chinook	Subyearling		Steel		Sockeye/l		Coho	Daily		Chinook		ng Chinook		lhead		/Kokanee	Coho	Da
2-Mar 3-Mar 10-Mar 11-Mar 12-Mar 13-Mar 14-Mar 15-Mar 16-Mar 17-Mar 19-Mar 20-Mar 21-Mar 22-Mar 23-Mar 23-Mar 24-Mar 25-Mar 25-Mar 26-Mar 27-Mar 28-Mar 29-Mar 31-Mar 1-Apr 1-		Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		To
4-Mar									0										
5-Mar									0										
7-Mar									0										+
8-Mar									0										
9-Mar									0										-
11-Mar									0										
2-Mar									0										-
14-Mar									0										
5-Mar 6-Mar									0										-
7-Mar 8-Mar 9-Mar 1 1 1 1 1 1 1 1 1-									0										
8-Mar									0										
9-Mar 1-Mar 1-Mar 2-Mar 4-Mar 4-Mar 4-Mar 5-Mar 6-Mar 7-Mar 8-Mar 9-Mar 1-Mar 4-Apr									0										•
1-Mar 2-Mar 3-Mar 4-Mar 4-Mar 5-Mar 9-Mar									0										
2-Mar 3-Mar									0										-
4-Mar									0										
5-Mar 5-Mar 5-Mar 7-Mar 9-Mar 9-Mar 1-Mar 1-Mar 1-Apr Apr 1-Apr									0										-
7-Mar 3-Mar 3-Mar 3-Mar 3-Mar 3-Mar 3-Apr									0										
-Mar									0										-
Mar									0										-
-Mar									0										-
Apr									0										
Apr									0										
Apr									0										
-Apr									0										
Apr Apr									0										-
Apr									0										
-Apr									0										-
Apr									0										•
3-Apr 4-Apr 5-Apr 5-Apr 9-Apr 9-Apr 1-Apr									0										_
									0										•
5-Apr									0										
7-Apr 9-Apr 9-Apr 1-Apr 2-Apr 3-Apr 4-Apr 5-Apr									0										•
9-Apr 0-Apr 1-Apr 2-Apr 3-Apr 4-Apr 5-Apr									0										
0-Apr									0										-
2-Apr 3-Apr 4-Apr 5-Apr									0										
3-Apr 4-Apr 5-Apr									0										-
.5-Apr									0			1							
									0	2,900	550 500	0	0	6,099	550 600	0	0	0	-
									0	1,548 999	798	0	0	3,850 3,347	649	0	0	50 0	
27-Apr									0	1,150	550	0	0	2,850	400	0	0	0	
T-									0	1,069 724	461 250	0	0	2,638 1,599	462 375	0	0	0	
30-Apr 01-May										424	300	0	0	1,348	275	0	0	0	

Date																				
Date				I	Daily Fallback	Numbers								Daily Fallba	ck Mortality	Numbers				
	Chinool	k Adults	Chino	ok Jacks	Ste	elhead	Socke	eve	Coho	Daily	Chinook	Adults	Chino	ok Jacks	Stee	lhead	Soc	keye	Coho	
	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		
1-Mar										0										
2-Mar 3-Mar										0										
4-Mar										0										
5-Mar										0										
6-Mar										0										
7-Mar 8-Mar										- 0										
9-Mar										Ö										
10-Mar										0										
11-Mar 12-Mar										0										
12-Mar 13-Mar										- 0										
14-Mar										0										
15-Mar										0										
16-Mar 17-Mar							***			0	***									
17-Mar 18-Mar										- 0										
19-Mar										0										
20-Mar										0										
21-Mar 22-Mar										0										
23-Mar										0										
24-Mar										0										
25-Mar										0										
26-Mar 27-Mar										0										
28-Mar										0										
29-Mar										0										
30-Mar										0										
31-Mar 1-Apr										0										
2-Apr	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	
3-Apr										0										
4-Apr	0	0	0	0	0	1	0	0	0	0	0	0	0		0	0	0	0	0	
5-Apr 6-Apr										0				0						
7-Apr										0										
8-Apr	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	
9-Apr 10-Apr										0										
10-Apr 11-Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12-Apr										0										
13-Apr										0										
14-Apr 15-Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16-Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17-Apr										0										
18-Apr 19-Apr	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	
20-Apr	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	
21-Apr			-							0			-		-					
22-Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23-Apr 24-Apr	0 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25-Apr	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	
26-Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27-Apr 28-Apr	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
29-Apr	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0	0	
30-Apr 01-May	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	

Table 1.	Daily Collection	n and Bypass	Numbers ar	nd River Cond	ditions at Lowe	r Monumental	Dam.	2021												
				Daily Nur	mber of Fish C	ollected								Daily N	Numbers Bypa	ssed				
Date	Yearling			ng Chinook		lhead	-	/Kokanee	Coho	Daily	Yearling	Chinook		ng Chinook	Steel		Sockeye	/Kokanee	Coho	Daily
02-May	Clipped 1500	Unclipped 320	Clipped 0	Unclipped 0	Clipped 920	Unclipped 300	Clipped 0	Unclipped 220	40	3,300	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	0	Total
02-May	3580	1280	0	0	1020	280	0	140	120	6,420	0	0	0	0	0	0	0	0	0	0
04-May	3800	840	0	0	1580	260	0	100	280	6,860	0	0	0	0	0	0	0	0	0	0
05-May 06-May	2296 1325	530 275	0	50 0	1237 2475	411 650	0	150 125	50 275	4,724 5,125	0	0	0	50 0	0	0	0	0	0	50
07-May	3125	450	0	0	2750	1225	0	25	325	7,900	0	0	0	0	0	0	0	0	0	0
08-May	10275 14050	1500	25 0	0 100	3650	1700 1950	0	125	725 600	18,000	0	0	0	0 100	0	0	0	0	0	0 100
09-May 10-May	5600	2050 950	0	0	2850 1350	1650	200	100 50	250	21,700 10,050	0	0	0	0	0	0	0	0	0	0
11-May	2300	250	0	25	1325	650	75	0	25	4,650	0	0	0	0	0	0	0	0	0	0
12-May 13-May	2041 2160	220 240	0	0 20	708 720	491 340	100 220	40 20	160 220	3,760 3,940	0	0	0	0	0	0	0	0	0	0
14-May	2220	300	0	20	460	380	320	0	160	3,860	0	0	0	0	0	0	0	0	0	0
15-May	2920	300	0	60	660	340	320	0	140	4,740	0	0	0	20	0	0	0	0	0	20
16-May 17-May	1260 1020	100 240	20	60 20	360 760	220 640	300 180	20 20	40 180	2,360 3,080	0	0	0	40 0	0	0	0	0	0	40
18-May	2500	360	0	100	340	300	160	40	620	4,420	0	0	0	20	0	0	0	0	0	20
19-May 20-May	4969 2280	664 340	62 40	86 160	411 1560	228 920	60 0	40 80	240 320	6,760 5,700	0	0	0	20 20	0	0	0	0	0	20 20
21-May	2200	560	480	440	1520	840	40	0	320	6,400	0	0	0	0	0	0	0	0	0	0
22-May	1280	200	220	420	900	620	0	20	480	4,140	0	0	0	40	0	0	0	0	0	40
23-May 24-May	600 340	60 100	440 240	660 360	800 420	560 280	40 0	0	80 100	3,240 1,840	0	0	0	20 20	0	0	0	0	0	20 20
25-May	100	20	220	300	370	110	0	0	50	1,170	0	0	0	10	0	0	0	0	0	10
26-May 27-May	114 72	8 32	236 360	361 512	219 144	118 80	0 8	0	40 32	1,096 1,240	0	0	0	8 24	0	0	0	0	0	8 24
28-May	40	16	576	680	272	208	0	0	56	1,848	0	0	0	8	0	0	0	0	0	8
29-May	24	8	432	488	64	104	0	0	56	1,176	0	0	0	32	0	0	0	0	0	32
30-May 31-May	55 50	5	315 305	480 400	130 180	80 65	5 5	10 10	55 65	1,135 1,085	0	0	0	5	0	0	0	0	0	0
01-Jun	20	15	240	385	75	45	0	0	40	820	0	0	0	0	0	0	0	0	0	0
02-Jun 03-Jun	16 16	4	124 232	212 398	65 52	28 26	0	0	20 10	469 738	0	0	0	12 12	0	0	0	0	0	12 12
04-Jun	40	20	244	494	48	36	0	2	34	918	0	0	0	8	0	0	0	0	0	8
05-Jun	20	8	440	532	44	12	0	0	16	1,072	0	0	0	20	0	0	0	0	0	20
06-Jun 07-Jun	16 30	4 35	284 210	724 1010	116 255	84 245	0	4 10	64 105	1,296 1,900	0	0	0	12 25	0	0	0	0	0	12 25
08-Jun	5	5	535	800	310	230	0	15	185	2,085	0	0	0	15	0	0	0	0	0	25 15
09-Jun 10-Jun	2 0	1 0	605 96	966 416	69 56	81 40	0	0	64 40	1,788	0	0	0	0 16	0	0	0	0	0	0 16
11-Jun	0	0	160	280	52	24	0	0	40	648 520	0	0	0	0	0	0	0	0	0	0
12-Jun	4	12	208	464	84	60	0	0	44	876	0	0	0	4	0	0	0	0	0	4
13-Jun 14-Jun	10 0	15 0	710 160	935 272	70 32	60 8	0	0	40 0	1,840 472	0	0	0	0	0	0	0	0	0	0 8
15-Jun	0	0	368	536	24	8	0	0	8	944	0	0	0	0	0	0	0	0	0	0
16-Jun 17-Jun	1 0	0	129 220	154 288	14 16	13 24	0	0	4 12	316 560	0	0	0	0 2	0	0	0	0	0	0
17-Jun 18-Jun	0	0	248	288 340	16	12	0	2	18	634	0	0	0	2	0	0	0	0	0	2
19-Jun	4	6	232	296	6	12	0	4	18	578	0	0	0	0	0	0	0	0	0	0
20-Jun 21-Jun	10 4	5	70 382	160 396	0 18	10 18	0 2	0	10 18	265 838	0 4	0	0 382	0 396	0 18	0 18	0	0	0 18	0 837
22-Jun	2	2	688	738	30	22	2	6	70	1,560	2	2	687	736	30	22	2	6	70	1,557
23-Jun 24-Jun	3	6	403 725	602 745	10 20	6 15	0	0 5	60 30	1,090 1,540	3	6	403 724	602 745	10 20	6 15	0	0 5	60 30	1,090 1,539
24-Jun 25-Jun	0	0 15	600	745 570	15	5	5	5	0	1,340	0	0 15	600	570	15	5	5	5	0	1,339
26-Jun	0	8	600	576	0	0	0	0	24	1,208	0	8	600	576	0	0	0	0	24	1,208
27-Jun 28-Jun	0	16 24	888 1704	1336 2976	24 8	0 16	0	0	0 56	2,264 4,784	0	16 24	888 1704	1336 2974	24 8	0 16	0	0	0 56	2,264 4,782
29-Jun	0	20	4260	9320	20	0	0	0	60	13,680	0	20	4260	9318	20	0	0	0	60	13,678
30-Jun	0	0	4482	10415	1	2	0	50	50	15,000	0	0	4482	10414	1	2	0	50	50	14,999
01-Jul 02-Jul	0	0	900 650	3700 2350	0 50	50 0	0	0	0	4,650 3,050	0	0	900 650	3700 2350	0 50	50 0	0	0	0	4,650 3,050

Table 2.	Percent Daily Descaling	and Daily Facility M	Iortality Numbers a	t Lower Monu	mental Dam.		2021												
River Conditions			Percent Da	ily Descaling					l		Daily	Facility Mortal	ity Numbers						
River Water Flow Spill Temp. Date	Yearling Chinook	Subyearling Chi	nook Ste	elhead	Sockeye	Kokanee	Coho	Total	Yearling	Chinook	Subyearling Chine	ook St	eelhead	Sockeye	/Kokanee	Coho	Daily	Percent	
(kcfs) (kcfs) (°F) 75.2 53.8 54.0 02-May	Clipped Unclipped	Clipped Uncl	ipped Clipped - 2.22	Unclipped 7.14	Clipped	Unclipped 10.00	0.00	Facility 1.9	Clipped 0	Unclipped 0	Clipped Unclip		Unclipped 3	Clipped 0	Unclipped 1	2	Total 7	Mortality 0.21%	
75.8 46.8 53.9 03-May	2.24 0.00		5.88	0.00		14.29	0.00	2.5	3	0	0 0	2	0	0	0	0	5	0.08%	
77.5 55.6 54.0 04-May 70.9 49.8 54.2 05-May	0.00 2.44 0.00 4.76		0.00 4.17	0.00		0.00 16.67	8.33 0.00	0.6 2.2	0	0	0 0	2 4	0	0	0	0	3 5	0.04% 0.11%	
66.1 42.0 54.4 06-May	2.04 0.00		1.02	0.00		0.00	0.00	1.0	4	1	0 0		1	0	0	1	10	0.20%	
69.9 49.7 54.9 07-May 79.5 58.3 55.5 08-May	1.61 11.76 1.47 1.39		2.73 6.85	2.04 1.47		0.00	0.00	2.6 2.5	2	1	0 0	0	0	0	0	0	3	0.03% 0.02%	
74.2 50.6 54.5 09-May 70.0 48.6 54.4 10-May	1.78 0.00 1.80 5.26		1.75 11.11	5.13 3.03	0.00	0.00	0.00	1.9 3.5	2 2	1 0	0 0	1	0	0	0	0	4	0.02% 0.04%	
62.1 48.6 54.0 11-May	1.09 0.00	0.	00.00	0.00	0.00		0.00	0.5	3	0	0 0	0	0	0	0	0	3	0.06%	
57.9 40.2 53.8 12-May 60.0 43.5 53.9 13-May	2.00 0.00 1.85 16.67		0.00	4.17 5.88	0.00	0.00	0.00	1.6 2.5	2	0	0 0		0	0	0	0	_ 0	0.00% 0.10%	
58.9 41.3 54.8 14-May	2.70 0.00	0.	00 8.70	0.00	7.14		0.00	3.2	1	0	0 0	0	1	2	0	0	4	0.10%	
63.9 43.4 55.0 15-May 68.9 49.0 55.1 16-May	1.38 0.00 0.00 20.00		00 6.25 00 5.56	5.88 0.00	0.00 13.33	0.00	0.00	2.2 3.5	0	0	0 1	3 2	0	0	0	0	6	0.13% 0.13%	
83.5 59.3 54.6 17-May	0.00 0.00	0.00 0.	00 7.89	3.13	0.00	0.00	0.00	2.6	2	0	1 0	0	0	0	0	0	3	0.10%	
88.6 61.6 54.4 19-May	0.0 0.0 1.6 0.0		.0 0.0 .0 11.1	0.0	0.0	0.00	0.0	0.0 1.8	3	2	0 0	0 2	0	2	0	0	9	0.02% 0.13%	
82.1 49.0 55.2 20-May 75.1 57.2 56.5 21-May	0.0 0.0 0.0 0.0		.0 4.0	0.0	0.0	0.0	20.0	1.4 1.0	1 4	0	0 0		0	0	0	0	4 11	0.07% 0.17%	
67.3 46.7 56.3 22-May	3.1 0.0	0.0	.0 4.4	0.0		0.00	0.0	2.0	0	0	0 0	0	0	0	0	0	0	0.00%	
60.3 38.7 56.6 23-May 60.0 44.2 56.8 24-May	3.3 0.0 0.0 0.0		.0 10.0	0.0	50.0		0.0	3.7 1.1	0	0	0 0	0	0	0	0	0	- 1	0.03% 0.05%	
57.7 40.1 56.7 25-May	0.0 0.0	0.0	.0 5.4	9.1			0.0	2.6	1	0	0 0	0	1	0	0	0	2	0.17%	
57.1 38.2 56.2 26-May 64.3 46.9 55.8 27-May	7.1 0.0 0.0 0.0		.0 4.2	0.0 10.0	0.00		0.0	2.3 2.6	0	0	0 0		0	0	0	0	- 4 0	0.36% 0.00%	
66.8 47.4 55.3 28-May 66.4 45.4 54.5 29-May	0.0 0.0 0.0 0.0		.0 8.8 .8 12.5	11.5 0.0			0.0	2.6 1.4	0	0	0 0		0	0	0	0	0	0.00% 0.17%	
65.6 45.9 54.5 30-May	0.0 0.0	0.0 1	.1 3.9	6.3	0.0	0.00	0.0	1.3	0	0	0 0	0	0	0	0	1	1	0.09%	
63.7 43.3 55.0 31-May 63.8 44.4 56.0 01-Jun	0.0 0.0 0.0 0.0		.0 0.0	0.0	0.0	0.00	20.0 33.3	0.5 3.1	0	0	0 0	0	0	0	0	0	0	0.00% 0.24%	
71.7 51.7 56.3 02-Jun	0.0 0.0	0.0	.0 6.3	0.0			0.0	0.9	0	0	0 0	0	0	0	0	0	0	0.00%	
77.0 50.3 57.6 03-Jun 86.6 60.5 58.3 04-Jun	12.5 0.0 0.0 0.0		.5 3.9 .8 8.3	8.3 0.0		0.0	0.0	1.1 1.1	0	0	0 0	0	0	0	0	0	2 0	0.27% 0.00%	
86.3 51.3 58.3 05-Jun	0.0 0.0 0.0 0.0	0.0 1	.6 9.1 .6 10.3	0.0 9.5		0.0	0.0 7.1	1.1	0	0	0 0	0	0	0	0	0	0	0.00%	
73.8 49.8 59.1 07-Jun	0.0 0.0	2.4 2	.0 0.0	2.0		0.0	0.0	2.5 1.6	0	0	0 0	0	0	0	0	0	2	0.00% 0.11%	
58.9 39.8 59.5 08-Jun 59.8 38.4 59.8 09-Jun	0.0 0.0		.6 1.6	4.4 0.0		0.0	6.3	1.5 2.4	0	0	0 0	0	0	0	0	0	1	0.05% 0.00%	
51.2 38.8 60.2 10-Jun		8.3 2	.0 0.0	0.0			0.0	2.5	0	0	0 0	0	0	0	0	0	0	0.00%	
56.0 41.3 60.5 11-Jun 58.8 38.6 60.6 12-Jun	0.0 0.0		.0 7.7	0.0 6.7			0.0	0.8 2.8	0	0	0 0	0	0	0	0	0	1 2	0.19% 0.23%	
45.1 29.3 60.9 13-Jun	0.0 0.0	4.2 1	.6 14.3	16.7			0.0	3.5	0	0	0 0	0	0	0	0	0	0	0.00%	
45.8 33.3 60.8 14-Jun 52.8 35.6 61.3 15-Jun		1.1 3	.0 0.0 .7 0.0	0.0			0.0	0.0 2.5	0	0	0 0	0	0	0	0	0	0	0.00% 0.00%	
55.8 37.9 61.1 16-Jun 46.8 32.8 60.0 17-Jun			.7 0.0 .4 0.0	0.0 8.3			0.0	4.4 1.8	0	0	0 0	0	0	0	0	0	0	0.00% 0.18%	
45.0 31.8 60.4 18-Jun		0.0	.6 0.0	33.3		0.0	0.0	0.1	0	0	0 0	1	0	0	0	0	1	0.16%	
40.5 26.8 61.2 19-Jun 37.8 25.6 61.5 20-Jun	0.0 0.0		.7 0.0	0.0		0.0	0.0	0.7 1.9	0	0	0 0	0	0	0	0	0	1	0.17% 0.00%	
33.1 19.6 62.2 21-Jun	0.0	0.0 2	.0 0.0	22.2	0.0		11.1	1.7	0	0	0 0	0	0	1	0	0	1	0.12%	
33.8 17.0 61.9 22-Jun 35.4 17.0 62.3 23-Jun	0.0 0.0		.9 0.0	0.0	0.0	0.0	3.5 0.0	2.1	0	0	0 0	0	0	0	0	0	3	0.19% 0.00%	
42.3 17.1 64.3 24-Jun		1.4 2	.7 25.0	0.0		0.0	0.0	2.3	0	0	1 0	0	0	0	0	0	1	0.06%	
41.7 16.7 64.8 25-Jun 42.4 16.5 64.4 26-Jun	0.0 0.0		.6 0.0	0.0	0.0	0.0	0.0	1.2	0	0	0 0	0	0	0	0	0	0	0.00% 0.00%	
38.3 17.0 65.9 27-Jun 37.1 17.0 68.2 28-Jun	0.0 0.0		.0 0.0	0.0			0.0	0.7	0	0	0 0	0	0	0	0	0	0	0.00% 0.04%	
40.0 17.1 68.6 29-Jun	0.0	2.8 0	.7 0.0				0.0	1.3	0	0	0 2	0	0	0	0	0	2	0.01%	
38.8 16.9 69.0 30-Jun 35.8 17.1 69.3 01-Jul			.0	0.0		0.0	0.0	2.7 0.0	0	0	0 1	0	0	0	0	0	1	0.01% 0.00%	
35.8 17.0 69.4 02-Jul			.4 100.0					6.6	0	0	0 0		0	0	0	0	0	0.00%	

				Daily N	Numbers True	cked								Daily	Numbers Bar	ged				
Date		Chinook	Subyearling		Stee		Sockeye/l		Coho	Daily		Chinook		ng Chinook	Stee			/Kokanee	Coho	Da
2-May	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total	Clipped 1,500	Unclipped 320	Clipped 0	Unclipped 0	Clipped 919	Unclipped 297	Clipped 0	Unclipped 219	38	To
3-May										0	3,577	1,280	0	0	1,018	280	0	140	120	
4-May										0	3,800	839	0	0	1,578	260	0	100	280	
5-May										0	2,295	530	0	0	1,233	411	0	150	50	
6-May										0	1,321	274	0	0	2,472	649	0	125	274	
7-May 8-May										0	3,124 10,273	449 1,499	0	0	2,750	1,225 1,700	0	25 125	325 725	
9-May										0	14,048	2,049	25 0	0	3,650 2,849	1,700	0	100	600	
0-May	-8-									0	5,598	950	0	0	1,349	1,650	200	49	250	
1-May										0	2,297	250	0	25	1,325	650	75	0	25	
2-May										0	2,041	220	0	0	708	491	100	40	160	
3-May										0	2,158	239	0	20	720	339	220	20	220	
4-May										0	2,219	300 300	0	20	460	379 340	318	0	160	
5-May 6-May										0	2,918 1,260	100	0	39 19	657 358	220	320 300	20	140 40	
7-May										0	1,018	240	19	20	760	640	180	20	180	
8-May			-							0	0	0	0	0	0	0	0	0	0	
9-May										0	7,465	1,022	62	146	749	528	218	80	860	
0-May										0	0	0	0	0	0	0	0	0	0	
1-May 2-May										0	4,475 0	899	520	580 0	3,071	1,760	40	80	640	
3-May										0	1880	260	660	1020	1699	1180	40	20	560	
4-May										0	0	0	0	0	0	0	0	0	0	
5-May										0	438	120	460	630	790	389	0	0	150	
6-May										0	0	0	0	0	0	0	0	0	0	
7-May										0	186	40	596	841	360	197	8	0	72	
8-May										0	0	0	0	0	0	0	0	0	0	
9-May 0-May										0	64	24	1007	1128 0	335	312 0	0	0	112 0	
1-May										0	105	10	620	875	310	145	10	20	119	
1-Jun										0	0	0	0	0	0	0	0	0	0	
2-Jun										0	36	19	363	585	139	73	0	0	60	
3-Jun										0	0	0	0	0	0	0	0	0	0	
4-Jun										0	56	24	476	872	99	61	0	2	44	
5-Jun 6-Jun										0	36	0 12	724	0 1224	0 160	96	0	0	0 80	
7-Jun										0	0	0	0	0	0	0	0	0	0	
8-Jun										0	35	40	745	1768	564	475	0	25	290	
9-Jun										0	0	0	0	0	0	0	0	0	0	
0-Jun										0	2	1	701	1366	125	121	0	0	104	
1-Jun										0	0	0	0	740	0	0	0	0	0	
2-Jun 3-Jun										0	3	12 0	368 0	740 0	135	84	0	0	47 0	
4-Jun										0	10	15	870	1199	102	68	0	0	40	
5-Jun										0	0	0	0	0	0	0	0	0	0	
6-Jun										0	1	1	497	690	38	21	0	0	12	
7-Jun										0	0	0	0	0	0	0	0	0	0	
8-Jun										0	0	0	467	624	29	36	0	0	30	
9-Jun 0-Jun										0	14	0 10	302	456	6	22	0	4	28	
1-Jun										0										
2-Jun										0										
3-Jun										0										
4-Jun										0										
5-Jun										0										
6-Jun 7-Jun										0										
8-Jun										0										
9-Jun										0										
0-Jun			-							0										

	any rumber c	n Adult Fallt	backs and Fa	illback Morta	ility at Lower !	Monumental Dan	1.	2021												
				Γ	Daily Fallback	Numbers								Daily Fallba	ck Mortality	Numbers				
Date	Chinook			ok Jacks		elhead	Sock	-	Coho	Daily	Chinook			ok Jacks		elhead		keye	Coho	Da
02-May	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 1	Clipped 0	Unclipped 0	0	Total	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	0	To
03-May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04-May 05-May	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0	
06-May	0	0	0	0	1	2	0	0	0	3	0	0	0	0	0	0	0	0	0	
07-May	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	
08-May 09-May	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	
10-May	0	0	0	0	1	2	0	0	0	3	0	0	0	0	0	0	0	0	0	
11-May 12-May	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
13-May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14-May	0	0	0	0	1	0 2	0	0	0	1	0	0	0	0	0	0	0	0	0	
15-May 16-May	0	0	0	0	0	0	0	0	0	4 0	0	0	0	0	0	0	0	0	0	
17-May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18-May 19-May	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	
20-May	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
21-May 22-May	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	
22-May 23-May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24-May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25-May 26-May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27-May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28-May 29-May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30-May	0	0	0	0	1	0	0	1	0	2	0	0	0	0	0	0	0	0	0	
31-May	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	
01-Jun 02-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04-Jun 05-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
06-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
07-Jun 08-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
09-Jun	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
10-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11-Jun 12-Jun	0	0	0	0	0	0	0	0	0	1 0	0	0	0	0	0	0	0	0	0	
13-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14-Jun 15-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16-Jun	0	0	0	1	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	
17-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18-Jun 19-Jun	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	
20-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21-Jun 22-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23-Jun	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
24-Jun 25-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28-Jun 29-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01-Jul	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	

Table 1.	Daily Collection	on and Bypass	Numbers a	nd River Cond	litions at Lowe	er Monumental	Dam.	2021												
				Daily Nur	mber of Fish C	ollected								Daily N	lumbers Bypa	ssed				
Date	Yearling			ing Chinook		lhead	-	/Kokanee	Coho	Daily	Yearling			ng Chinook		lhead	-	/Kokanee	Coho	Daily
03-Jul	Clipped 0	Unclipped 0	Clipped 250	Unclipped 1500	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	50	Total 1,800	Clipped 0	Unclipped 0	Clipped 250	Unclipped 1500	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	50	Total 1,800
04-Jul	50	0	300	1350	0	0	0	0	100	1,800	50	0	300	1350	0	0	0	0	100	1,800
05-Jul	0	0	350	600	0	0	0	0	0	950	0	0	350	600	0	0	0	0	0	950
06-Jul 07-Jul	0	0 20	80 235	500 502	2	0	0	0	20 0	600 760	0	0 20	80 234	500 500	2	0	0	0	20	600 757
08-Jul	0	0	56	244	0	8	0	0	12	320	0	0	56	242	0	8	0	0	12	318
09-Jul 10-Jul	0	8	44	264	0	0	0	0	8	324	0	8	44	263	0	0	0	0	8	323
11-Jul	0	0	44	172	4	0	0	0	0	220	0	0	44	171	4	0	0	0	0	219
12-Jul 13-Jul	0	0	42	220	6	2	0	2	0	0 272	0	0	41	220	6	2	0	2	0	0 271
14-Jul										0							-			0
15-Jul 16-Jul	1	0	36	192	6	0	0	0	0	235 0	1	0	36	191	6	0	0	0	0	234
16-Jul 17-Jul	2	0	12	42	0	0	0	0	0	56	2	0	12	42	0	0	0	0	0	56
18-Jul										0										0
19-Jul 20-Jul	0	0	14	74	0	0	0	0	0	88 0	0	0	14	74	0	0	0	0	0	88
21-Jul	0	0	10	53	0	2	0	2	0	67	0	0	9	52	0	2	0	2	0	65
22-Jul 23-Jul	0	0	18	60	0	0	0	0	0	0 78	0	0	18	60	0	0	0	0	0	0 78
24-Jul										0										0
25-Jul 26-Jul	0	0	24	142	2	0	0	0	0	168 0	0	0	24	142	2	0	0	0	0	168 0
27-Jul	0	0	6	28	6	0	0	0	0	40	0	0	6	28	6	0	0	0	0	40
28-Jul 29-Jul	0	2	11	83	0	0	0	0	0	0 96	0	2	11	83	0	0	0	0	0	0 96
30-Jul										0										0
31-Jul 01-Aug	0	0	10	48	0	0	0	0	0	58 0	0	0	10	48	0	0	0	0	0	58
02-Aug	0	0	18	76	0	0	0	0	0	94	0	0	18	76	0	0	0	0	0	94
03-Aug										0										0
04-Aug 05-Aug	0	0	10	32	0	0	0	0	0	42 0	0	0	10	32	0	0	0	0	0	42 0
06-Aug	0	0	10	20	0	0	0	0	0	30	0	0	10	20	0	0	0	0	0	30
07-Aug 08-Aug	0	0	10	84	0	0	0	0	0	0 94	0	0	10	84	0	0	0	0	0	94
09-Aug										0					***					0
10-Aug 11-Aug	0	0	12	92	0	0	0	0	0	104	0	0	12	92	0	0	0	0	0	104
12-Aug	0	0	12	190	0	0	0	0	0	202	0	0	12	190	0	0	0	0	0	202
13-Aug 14-Aug	0	0	14	56	0	0	0	0	0	0 70	0	0	14	56	0	0	0	0	0	70
15-Aug										0										0
16-Aug 17-Aug	0	0	4	82	0	0	0	0	0	86 0	0	0	4	82	0	0	0	0	0	86
18-Aug	0	0	2	84	0	0	0	0	0	86	0	0	2	84	0	0	0	0	0	86
19-Aug 20-Aug		0	2	26	0	0	0	0	0	0 28	0	0	2	26	0	0	0	0	0	0 28
20-Aug 21-Aug										0							-			0
22-Aug	0	0	0	22	0	0	0	0	0	22	0	0	0	22	0	0	0	0	0	22
23-Aug 24-Aug	0	0	0	10	0	0	0	0	0	0 10	0	0	0	10	0	0	0	0	0	10
25-Aug										0										0
26-Aug 27-Aug	0	0	2	128	0	0	0	0	0	130 0	0	0	2	127	0	0	0	0	0	129
28-Aug	0	0	2	82	0	0	0	0	0	84	0	0	2	82	0	0	0	0	0	84
29-Aug 30-Aug	0	0	2	32	0	0	0	0	0	0 34	0	0	2	32	0	0	0	0	0	0 34
31-Aug										0							-			0
01-Sep 02-Sep	0	0	0	22	0	0	0	0	0	22	0	0	0	22	0	0	0	0	0	22
02-Sep										0										0

Table 2.	Percent Daily Descalin	g and Daily Fa	cility Mortalit	ty Numbers at	t Lower Monu	mental Dam		2021													
River Conditions				Percent Dai	ily Descaling					I		I	Daily Facil	ity Mortality	Numbers						
River Water Flow Spill Temp. Date	Yearling Chinook	Subyearl	ing Chinook	Stee	lhead	Sockeye	/Kokanee	Coho	Total	Yearling	Chinook	Subyearling C	hinook	Steel	lhead	Sockeye	/Kokanee	Coho	Daily	Percent	
(kcfs) (kcfs) (°F) 35.8 17.2 69.9 03-Jul	Clipped Unclipp		Unclipped 0.0	Clipped	Unclipped	Clipped	Unclipped	0.0	Facility 0.0	Clipped 0	Unclipped 0	Clipped Un	nclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	0	Total	Mortality 0.00%	
31.7 16.8 69.4 04-Jul	100.0	0.0	0.0					0.0	2.8	0	0	0	0	0	0	0	0	0	0	0.00%	
31.4 16.8 69.5 05-Jul 29.1 16.9 69.8 06-Jul		0.0	0.0 4.0					0.0	0.0 3.3	0	0	0	0	0	0	0	0	0	0	0.00%	_
30.2 17.0 70.0 07-Jul	0.0	10.5							6.7	0	0	1	2	0	0	0	0	0	3	0.39%	
29.2 17.0 69.6 08-Jul 27.3 15.0 69.8 09-Jul	0.0	0.0	1.7 3.1		0.0			0.0	1.3 2.5	0	0	0	1	0	0	0	0	0	2	0.63% 0.31%	_
28.3 16.1 68.1 10-Jul																1			0	#DIV/0!	
27.1 15.1 69.5 11-Jul 27.1 15.0 69.2 12-Jul		0.0	4.8	0.0					3.7	0	0	0	1	0	0	0	0	0	0	0.45% #DIV/0!	_
34.7 16.7 70.1 13-Jul 28.1 11.6 70.1 14-Jul		0.0	0.9	0.0	0.0		0.0		0.7	0	0	1	0	0	0	0	0	0	1	0.37% #DIV/0!	
28.3 15.1 70.0 15-Jul		0	1.37	0					1.1	0	0	0	1	0	0	0	0	0	1	0.43%	
23.5 11.4 70.1 16-Jul 27.5 14.0 70.3 17-Jul	0	0	4.76						3.6	0	0	0	0	0	0	0	0	0	0	#DIV/0! 0.00%	\dashv
25.8 13.0 70.4 18-Jul																			0	#DIV/0!	
21.1 8.6 70.0 19-Jul 26.4 13.4 69.5 20-Jul		0.0	2.7						2.3	0	0	0	0	0	0	0	0	0	0	0.00% #DIV/0!	\dashv
25.4 13.5 69.8 21-Jul		0.0	0.0		0.0		0.0		0.0	0	0	1	1	0	0	0	0	0	2	2.99%	
21.7 9.3 70.0 22-Jul 27.2 11.6 70.0 23-Jul		0.0	3.3						2.6	0	0	0	0	0	0	0	0	0	0	#DIV/0! 0.00%	\dashv
19.6 11.6 69.5 24-Jul 19.2 7.0 69.0 25-Jul		0.0	0.0	0.0					0.0	0	0	0	0	0	0	0	0	0	0	#DIV/0! 0.00%	
22.5 10.2 68.7 26-Jul																-			0	#DIV/0!	
21.4 9.2 69.0 27-Jul 24.8 9.4 69.1 28-Jul		0.0	0.0	0.0					0.0	0	0	0	0	0	0	0	0	0	0	0.00% #DIV/0!	_
27.0 11.8 69.3 29-Jul		0.0	3.0						2.7	0	0	0	0	0	0	0	0	0	0	0.00%	
23.3 11.0 69.0 30-Jul 22.6 10.2 69.1 31-Jul		0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	#DIV/0! 0.00%	-
21.2 9.0 68.9 01-Aug																			0	#DIV/0!	
23.0 11.0 69.1 02-Aug 22.7 10.4 69.7 03-Aug		0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00% #DIV/0!	-
27.6 13.9 69.2 04-Aug 27.2 15.1 69.1 05-Aug		0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00% #DIV/0!	
24.0 11.8 69.4 06-Aug		0.0	10.0						6.7	0	0	0	0	0	0	0	0	0	0	0.00%	
22.2 10.0 69.8 07-Aug 22.2 10.1 70.1 08-Aug		0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	#DIV/0! 0.00%	_
22.8 11.4 70.4 09-Aug								***							-				ő	#DIV/0!	
24.2 11.8 70.4 10-Aug 24.8 12.6 70.5 11-Aug		0.0	2.2						1.9	0	0	0	0	0	0	0	0	0	0	0.00% #DIV/0!	_
22.2 10.0 70.6 12-Aug		0	3.16						3.0	0	0	0	0	0	0	0	0	0	0	0.00%	
26.4 14.2 71.1 13-Aug 26.9 14.0 70.8 14-Aug		0	0						0.0	0	0	0	0	0	0	0	0	0	0	#DIV/0! 0.00%	\dashv
26.6 14.2 70.7 15-Aug																		***	0	#DIV/0!	
20.9 7.2 70.0 16-Aug 19.0 7.1 70.2 17-Aug		0	0						0.0	0		0	0	0	0	0	0	0	0	0.00% #DIV/0!	
19.5 7.0 70.1 18-Aug 22.7 7.0 71.3 19-Aug		0.0	7.1						7.0	0	0	0	0	0	0	0	0	0	0	0.00% #DIV/0!	_
23.9 7.0 70.9 20-Aug		0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%	
20.9 7.1 70.0 21-Aug 19.8 7.0 70.1 22-Aug			0.0						0.0	0	0	0	0	0	0	0	0	0	0	#DIV/0! 0.00%	\dashv
19.5 7.1 70.0 23-Aug																			0	#DIV/0!	_
19.1 6.9 70.5 24-Aug 23.2 6.8 70.4 25-Aug			0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00% #DIV/0!	\dashv
22.6 7.0 69.2 26-Aug		0	4.76						4.7	0	0	0	1	0	0	0	0	0	1	0.77%	
19.9 7.1 68.5 27-Aug 21.9 7.0 68.7 28-Aug		0	4.88						4.8	0	0	0	0	0	0	0	0	0	0	#DIV/0! 0.00%	\dashv
19.5 7.0 69.2 29-Aug																		***	0	#DIV/0!	=
28.2 7.0 68.9 30-Aug 24.5 7.0 68.4 31-Aug		0	6.25						5.9	0	0	0	0	0	0	0	0	0	0	0.00% #DIV/0!	\exists
20.1 4.9 68.4 01-Sep 17.1 0.0 68.4 02-Sep			0						0.0	0	0	0	0	0	0	0	0	0	0	0.00% #DIV/0!	\exists
17.1 U.U 08.4 U2-Sep			1																- 0	#DIV/0!	

	any rumber of	rish i rucked a	ind Barged Fro	om Lower Mo	numental Da	m.	2021													
				Daily N	Numbers Tru	cked								Daily	Numbers Bar	ged				
Date	Yearling	Chinook	Subyearlin	g Chinook	Stee	lhead	Sockeye/	Kokanee	Coho	Daily	Yearling	Chinook	Subyearli	ng Chinook	Stee	lhead	Sockeye	/Kokanee	Coho	Daily
03-Jul	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Tota
04-Jul		1	- 1							0										
05-Jul 06-Jul										0										
07-Jul										0										
08-Jul 09-Jul										0										
10-Jul										0										
11-Jul 12-Jul										0										-
13-Jul										0										
14-Jul 15-Jul										0										
16-Jul										0										
17-Jul 18-Jul										0										-
19-Jul										0										
20-Jul 21-Jul										0										
22-Jul 23-Jul										0										
24-Jul										0										
25-Jul 26-Jul										0										
27-Jul		1								0										
28-Jul 29-Jul										0										
30-Jul		-	- 1						-	0										
31-Jul 31-Aug										0										
)2-Aug										0										
03-Aug 04-Aug										0										
05-Aug										0										
06-Aug 07-Aug										0										
08-Aug										0										
09-Aug 10-Aug										0										
11-Aug										0										
12-Aug 13-Aug										0										
14-Aug										0										
15-Aug 16-Aug										0										
17-Aug		-								0										
18-Aug 19-Aug										0										-
20-Aug										0										
21-Aug 22-Aug										0										
23-Aug										0										
24-Aug 25-Aug										0										
26-Aug										0										
27-Aug 28-Aug										0										
29-Aug										0										
30-Aug 31-Aug										0										
01-Sep										0										

Table 4. D	aily Number	of Adult Fal	lbacks and F	allback Morta	ality at Lower l	Monumental Dar	n.	2021												
				I	Daily Fallback	Numbers								Daily Fallba	ck Mortality	Numbers				
Date		k Adults		ok Jacks		elhead	Sock		Coho	Daily	Chinook			ok Jacks		elhead		keye	Coho	Daily
03-Jul	2	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	0	Total 2	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	Clipped 0	Unclipped 0	0	Total 0
04-Jul 05-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-Jul	1	1	0	0	0	0	2	0	0	4	0	0	0	0	0	0	0	0	0	0
07-Jul 08-Jul	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
09-Jul	1	5	3	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0
10-Jul 11-Jul	1	0	1	1	0	0	1	0	0	0 4	0	0	0	0	0	0	0	0	0	0
12-Jul										0										0
13-Jul 14-Jul	1	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
15-Jul	0	1	2	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0	0	0
16-Jul 17-Jul	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Jul										0										0
19-Jul 20-Jul	1	0	0	0	0	0	0	0	0	1 0	0	0	0	0	0	0	0	0	0	0
21-Jul 22-Jul	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
22-Jul 23-Jul	0	2	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0
 24-Jul 25-Jul	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-Jul						1				0										0
27-Jul 28-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29-Jul	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
30-Jul 31-Jul	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01-Aug										0										0
02-Aug 03-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o
05-Aug 06-Aug	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-Aug										0										0
08-Aug 09-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-Aug 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
14-Aug 15-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(
16-Aug 17-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
 19-Aug 20-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-Aug										0										0
22-Aug 23-Aug	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
24-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-Aug 26-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27-Aug										0										0
28-Aug 29-Aug	0	1	0	0	0	0	0	0	0	1	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	0
31-Aug 01-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02-Sep										0										0

Table 1.	Daily Collection	on and Bypass	Numbers ar	nd River Con	ditions at Low	er Monumental	Dam.	2021													
				Daily Nu	mber of Fish C	ollected			Daily Numbers Bypassed												
Date	Yearling Chinook		Subyearling Chinook		Steelhead		Sockeye/Kokanee		Coho Daily		Yearling Chinook		Subyearling Chinook		Steelhead		Sockeye	/Kokanee	Coho	Daily	
	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total	
03-Sep	0	0	0	12	0	0	0	2	0	14	0	0	0	12	0	0	0	2	0	14	
04-Sep										0										0	
05-Sep	0	0	0	14	0	0	0	0	0	14	0	0	0	14	0	0	0	0	0	14	
06-Sep	0	0	2	16	0	0	0	0	0	18	0	0	2	16	0	0	0	0	0	18	
07-Sep	0	0	0	18	0	0	0	0	0	18	0	0	0	18	0	0	0	0	0	18	
08-Sep										0										0	
09-Sep	0	0	0	12	0	0	0	0	0	12	0	0	0	12	0	0	0	0	0	12	
10-Sep										0										0	
11-Sep	0	0	0	6	0	0	0	0	0	6	0	0	0	6	0	0	0	0	0	6	
12-Sep										0										0	
13-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14-Sep										0										0	
15-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16-Sep										0										0	
17-Sep	0	0	0	6	0	0	0	0	0	6	0	0	0	6	0	0	0	0	0	6	
18-Sep										0										0	
19-Sep	0	0	0	2	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2	
20-Sep										0										0	
21-Sep	0	0	0	4	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	4	
22-Sep										0										0	
23-Sep	0	0	2	2	0	0	0	0	0	4	0	0	2	2	0	0	0	0	0	4	
24-Sep										0										0	
25-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26-Sep										0										0	
27-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28-Sep										0										0	
29-Sep	0	0	0	2	2	0	0	0	0	4	0	0	0	2	2	0	0	0	0	4	
30-Sep										0										0	
1-Oct	0	0	0	4	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	4	
Totals	104,155	17,085	27,414	56,418	68,200	22,481	2,042	1,564	7,488	306,847	20,522	1,096	17,923	41,511	13,984	1,791	8	72	598	97,505	

			Table 2. I	Percent Daily	Descaling a	nd Daily Fac	ility Mortalit	y Numbers a	t Lower Monu	ımental Dam		2021												
River C	ver Conditions Percent Daily Descaling												I	Daily Facility Mortality Numbers										
River		Water																						
Flow	Spill	Temp.	Date	Yearling	Chinook	Subyearlin	ng Chinook		elhead	Sockeye	/Kokanee	Coho	Total	Yearling Chinook		Subyearling Chinook		Steelhead		*		Coho	Daily	Percent
(kcfs)	(kcfs)	(°F)		Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Facility		Unclipped		Unclipped	Clipped	Unclipped		Unclipped		Total	Mortality
21.3	0.0	67.6					0				0		0.0	0	0	0	0	0	0	0	0	0	0	0.00%
21.3	0.0		04-Sep																				0	#DIV/0!
20.5	0.0		05-Sep				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%
21.8	0.0	67.1				0.0	0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%
25.8	0.0		07-Sep				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%
23.2	0.0		08-Sep				16.7																0	#DIV/0!
18.5	0.0	67.5					16.7						16.7	0	0	0	0	0	0	0	0	0		0.00%
16.7	0.0	67.3					0.0						0.0				0	0	0		0			#DIV/0! 0.00%
15.2	0.0		11-Sep 12-Sep				0.0						0.0	0	0	0	-			0	v	0		#DIV/0!
14.9	0.0		12-Sep 13-Sep											0	0	0	0	0	0	0	0	0		#DIV/0! #DIV/0!
20.7	0.0		13-Sep 14-Sep																					#DIV/0! #DIV/0!
19.9	0.0		15-Sep											0	0	0	0	0	0	0	0	0		#DIV/0!
16.9	0.0		16-Sep																					#DIV/0!
20.8	0.0		17-Sep				0.0						0.0	0	0	0	0	0	0	0	0	0		0.00%
18.3	0.0		18-Sep																					#DIV/0!
17.0	0.0		19-Sep				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%
17.2	0.0		20-Sep																				· ·	#DIV/0!
17.6	0.0		21-Sep				0.0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%
20.4	0.0	65.4																					O	#DIV/0!
19.0	0.0	65.0				0	0						0.0	0	0	0	0	0	0	0	0	0	0	0.00%
22.3	0.0		24-Sep																				0	#DIV/0!
21.5	0.0		25-Sep											0	0	0	0	0	0	0	0	0	0	#DIV/0!
15.8	0.0	65.0	26-Sep																				0	#DIV/0!
15.6	0.0		27-Sep											0	0	0	0	0	0	0	0	0	0	#DIV/0!
16.2	0.0	64.9	28-Sep																				0	#DIV/0!
17.0	0.0	64.8	29-Sep				0	0					0.0	0	0	0	0	0	0	0	0	0	0	0.00%
15.8	0.0	64.6	30-Sep																				0	#DIV/0!
16.3	1.0	64.6	1-Oct				0							0	0	0	0	0	0	0	0	0	0	0.00%
													Totals	47	13	9	20	49	11	5	2	5	161	0.05%

Table 3. Da	ily Number of	Fish Trucked a	and Barged Fro	om Lower Mo	onumental Da	m.	2021													
				Daily N	Numbers Tru	cked			Daily Numbers Barged											
Date	Yearling Chinook		Subyearling Chinook		Steelhead		Sockeye/Kokanee		Coho	Daily	Yearling Chinook		Subyearling Chinook		Steelhead		Sockeye/Kokanee		Coho	Daily
	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total
03-Sep										0										
04-Sep										0										
05-Sep										0										
06-Sep										0										
07-Sep										0										
08-Sep										0										
09-Sep										0										
10-Sep										0										
11-Sep										0										
12-Sep										0										
13-Sep										0										
14-Sep										0										
15-Sep										0										
16-Sep										0										
17-Sep										0										
18-Sep										0										
19-Sep										0										
20-Sep										0										
21-Sep										0										
22-Sep										0										
23-Sep										0										
24-Sep										0										
25-Sep										0										
26-Sep										0										
27-Sep										0										
28-Sep										0										
29-Sep										0										
30-Sep										0										
1-Oct										0										
Totals	0	0	0	0	0	0	0	0	0	0		15,976	9,482	14.887	54,167	20,679	2,029	1,490	6,885	209

	Daily Fallback Numbers												Daily Fallback Mortality Numbers												
Date	Chinook Adults		Chino	ok Jacks	Steelhead		Sockeye		Coho	Daily	Chinook Adults		Chinook Jacks		Steelhead		Soc	keye	Coho	Dai					
	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Total	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		Tot					
03-Sep	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0	0						
04-Sep										0															
05-Sep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
06-Sep	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0						
07-Sep	1	1	2	0	0	1	0	0	0	5	0	0	0	0	0	0	0	0	0						
08-Sep										0															
09-Sep	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0						
10-Sep										0															
11-Sep	1	1	1	0	2	2	0	0	1	8	0	0	0	0	0	0	0	0	0						
12-Sep										0															
13-Sep	0	1	0	1	1	1	0	0	0	4	0	0	0	0	0	0	0	0	0						
14-Sep										0															
15-Sep	0	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0						
16-Sep										0										-					
17-Sep	11	0	0	0	0	4	0	0	0	5	0	0	0	0	0	0	0	0	0	-					
18-Sep										0										-					
19-Sep	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0	0	-					
20-Sep										. 0										-					
21-Sep	0	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	-					
22-Sep 23-Sep			1	0		1			0	. 0		0								-					
	1	-		-	0		0	0		. 4	0		0	0	0	0	0	0	0	-					
24-Sep 25-Sep			1		1				1	0										-					
25-Sep 26-Sep	1	0		3		0	0	0		7	0	0	0	0	0	0	0	0	0						
26-Sep 27-Sep	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0						
27-Sep 28-Sep										4															
28-Sep 29-Sep	0	0		0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0						
30-Sep			0							2															
1-Oct	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Totals	21	25	12	8	23	49	3	2	5	148	0	0	0	0	0		0	0	0						