

OFFICIAL COORDINATION REQUEST FOR NON-ROUTINE OPERATIONS AND MAINTENANCE

COORDINATION TITLE- 16 LMN 03- Changes in 2016 Juvenile Fish Transport Operations.

COORDINATION DATE- 10 May 2016

PROJECT- Lower Monumental Dam

RESPONSE DATE- 12 May 2016 (FPOM Meeting)

Description of the problem – The Lower Granite Juvenile Fish Facility will be shut down August 1, 2016 in support of construction activities as previously coordinated under Memorandum of Coordination 13 LWG 17 Lower Granite Juvenile Fish Collection Channel Upgrades (initially approved September 10, 2013; re-coordinated November 14, 2013 and February 08, 2016).

Closure of the of the Lower Granite Juvenile Fish Facility on August 1 also means fish transport by barge at this location will not continue until August 14 or August 15 as normally required by Appendix B, Section 5.2.2 of the 2016 Fish Passage Plan. The Lower Monumental Section 2.3.1 of the 2016 Fish Passage Plan still requires the Lower Monumental Juvenile Fish Facility to operate within Appendix B criteria.

The continued transport of fish by barge at Lower Monumental Dam after August 1 is impractical as all trips originate at Lower Granite Dam where the barge riders and barges are based. To avoid the unnecessary transit and expense of routing barges to and from Lower Monumental and Lower Granite dams, this coordination proposes the initiation of fish transport by truck from Lower Monumental Dam when the Lower Granite facility is shut down for construction. Note that neither the Little Goose nor the Lower Monumental facilities have long term moorage that is meant for overnight stays for towboats and barges as is the case at Lower Granite Dam. This proposed change in fish transport operations would also avoid the shuttling of barge riders between Little Goose and Lower Granite dams.

Type of outage required – Terminate fish transport by barge at Lower Monumental Dam when the Lower Granite Facility is shut down for the season, and initiate fish transport by truck at Lower Monumental Dam.

Impact on facility operation – No additional impacts are anticipated other than increases in fish collection numbers already expected at Lower Monumental Dam with the shutdown of the juvenile fish facility at Lower Granite Dam. The Lower Granite Juvenile Fish Facility will cease to operate as previously coordinated on August 1. Operations at Lower Monumental Dam will remain the same except that fish would be loaded into trucks instead of barges on or after August 1. Although the numbers of fish arriving at Lower Monumental may be higher than usual from August 1 to August 15, trucking operations will be adjusted to accommodate this possibility. Adjustments may

include daily trucking operations and the shifting of fish transport equipment from Lower Granite and Little Goose dams to Lower Monumental Dam.

Dates of impacts/repairs –At Lower Monumental Dam, fish will be trucked from @ August 1 to September 30 instead of @ August 15 to September 30.

Length of time for repairs – No repairs are involved.

Expected impacts on fish passage – Approximately 29,000 fish are expected to be transported by truck instead of by barge from the first of August to mid-August. This estimate is based on 2010 to 2016 barged fish numbers at all three facilities. The estimate assumes all fish that would have been transported at Lower Granite will be transported at Little Goose or Lower Monumental dams. Fish numbers and fish poundages are detailed in the tables below.

Number of Fish Barged in August at LWG, LGS and LMN from 2010 - 2015										
	Yearling Chinook		Subyearling Chinook		Steelhead		Sockeye/Kokanee		Coho	Total
	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped	Clipped	Unclipped		
2010										
LGR	2	0	35	5,129	2	6	0	7	3	5,184
LGS	26	0	157	12,615	8	14	0	4	4	12,828
LMN	14	78	38	3,066	0	16	0	0	0	3,212
Total	42	78	230	20,810	10	36	0	11	7	21,224
2011										
LGR	0	1	73	5,854	4	4	2	12	380	6,330
LGS	0	0	165	15,825	32	9	5	95	315	16,446
LMN	0	92	161	9,252	12	6	6	3	411	9,943
Total	0	93	399	30,931	48	19	13	110	1,106	32,719
2012										
LGR	0	8	80	5,760	2	4	0	13	8	5,875
LGS	1	13	349	12,204	15	26	2	14	9	12,633
LMN	0	16	136	2,239	3	8	0	0	0	2,402
Total	1	37	565	20,203	20	38	2	27	17	20,910
2013										
LGR	0	10	277	8,501	8	8	0	5	6	8,815
LGS	0	4	749	14,976	23	10	0	0	0	15,762
LMN	0	19	196	3,689	2	0	0	0	2	3,908
Total	0	33	1,222	27,166	33	18	0	5	8	28,485
2014										
LGR	0	0	470	9,072	0	2	0	12	0	9,556
LGS	4	0	2,632	27,097	16	4	0	27	0	29,780
LMN	2	12	402	3,500	11	0	0	11	0	3,938
Total	6	12	3,504	39,669	27	6	0	50	0	43,274
2015										
LGR	0	0	104	21,320	60	15	0	3	15	21,517
LGS	0	0	54	4,184	140	13	0	0	2	4,393
LMN	0	0	3	588	4	0	0	0	0	595
Total	0	0	161	26,092	204	28	0	3	17	26,505
Average 2010 - 2015										
2010-2015	8	42	1,014	27,479	57	24	3	34	193	28,853

2011 - 2015 August Barge Transport Poundage LWG-LGS-LMN

2015	LWG	LGS	LMN	Totals
2-Aug	100	32	6	138
4-Aug	298	51	3	352
6-Aug	226	44	2	272
8-Aug	105	36	3	144
10-Aug	90	37	6	133
12-Aug	79	40	12	131
14-Aug	67	99	7	173
2014	LWG	LGS	LMN	Totals
2-Aug	51	111	53	215
4-Aug	64	181	29	274
6-Aug	79	348	16	443
8-Aug	56	443	12	511
10-Aug	72	462	40	574
12-Aug	92	314	25	431
14-Aug	92	97	44	233
16-Aug	69	256	88	413
2013	LWG	LGS	LMN	Totals
2-Aug	101	175	18	294
4-Aug	156	300	216	672
6-Aug	90	226	20	336
8-Aug	21	107	9	137
10-Aug	18	111	7	136
12-Aug	78	84	2	164
14-Aug	19	74	9	102
16-Aug	7	57	---	64
2012	LWG	LGS	LMN	Totals
2-Aug	42	100	23	165
4-Aug	33	72	44	149
6-Aug	17	127	31	175
8-Aug	34	193	28	255
10-Aug	58	105	19	182
12-Aug	40	103	9	152
14-Aug	41	57	3	101
16-Aug	33	29	3	65
2011	LWG	LGS	LMN	Totals
2-Aug	106	154	45	305
4-Aug	45	114	57	216
6-Aug	4	125	120	249
8-Aug	5	81	79	165
10-Aug	3	40	32	75
12-Aug	13	48	19	80
14-Aug	21	23	41	85
16-Aug	29	15	35	79
Records from 2010 not saved electronically.				

Comments from agencies –

Final results -

Please email or call with questions or concerns.

Thank you,

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