

**OFFICIAL COORDINATION REQUEST FOR
NON-ROUTINE OPERATIONS AND MAINTENANCE**

COORDINATION TITLE – 17FAL01 Fall Creek Fish Facility - Pipe Lining

NOTIFICATION DATE – 26 April 2017

PROJECT – Fall Creek Dam

RESPONSE DATE – 15 May 2017

Description of the problem – The pipes that feed the fish ladder are over 50 years old and when the ladder is turned on each year, buckets of rust come through. Pipe Lining is being discussed in order to make the water supply to the fish ladder reliable for the next 50 years. This requires contractors to clean and line 3 pipe lines which is estimated at 3 months but another season may be needed in order to complete all 3 lines. This work is being scheduled in advance of the 2018 fish passage season with the Willamette Fish Passage and Operations Team (W-FPOM) but is being communicated to the contractors in Plans and Specifications that are going out to advertisement in June 2017.

Type of operation required – The scheduled outage request of Oct 1, 2018 to Mid- Feb 2019 and possibly Oct 1, 2019- Feb 2020.

Impact on facility operation – Ladder operations general occur March 15- Oct 15. This request bring the ladder down 15 days sooner. In addition, the drawdown general occurs around Thanksgiving in any given year and in order to provide 3 months, we are requesting the drawdown occur starting Oct 1, 2018.

Dates of impacts/repairs – Oct 1, 2018- end of February, 2019; Oct 1, 2019- end of February 2020

Expected impacts on fish – This will impact conditions and growth of the juvenile fish in the Middle Fork Willamette River including increased turbidity at times that are not expected i.e. Oct instead of Nov.

Per Table 1, most years 99% to 100% of adult fish have passed Fall Creek by Oct 1.

Fall Creek Adult Fish Collection Facility Chs Outplanted Abv Dam 2005-2016 - % of Outplanted Run Collected to Date

Run Year	Total Outplant Adult Chs Abv Dam	% of Run by 15 Apr	% of Run by 1 Sept	% of Run by 15 Sept	% of Run by 1 October
2005	802	0	>97	100	100
2006	613	0	>84	>96	100
2007	339	0	98	100	100
2008	292	0	>76	>98	100
2009	354	0	91	>96	>99
2010	540	0	>96	>98	>99
2011	365	0	>91	>96	>99
2012	338	0	>99	100	100
2013	467	0	>98	>98	>99
2014	456	0	>98	>99	>99
2015	259	<1	98	>98	100
2016	425	0	>92	>97	>99

Comments from agencies – Excerpt from Willamette Fish Passage Operations and Maintenance Team minutes (April), “17FCR01 Fall Creek Fish Facility - Pipe Lining – No comments were received. NMFS had no issues.”

Final results – The ladder may go offline as requested from Oct 1, 2018 to Mid-Feb 2019 and possibly Oct 1, 2019-Feb 2020.

Please email or call with questions or concerns.

Thank you,

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