

F&W Program Screens - DRAFT version January 19, 2018

Following is the list of non-recurring maintenance priority needs as identified by 5 of the Programs 14 screen projects (in 2017) for Fiscal Year 2018, 2019 and 2020. For FY 2018 the listed actions have been taken by the Council and Bonneville. All outstanding and remaining needs were shifted to the following year. Recommended actions for FY 2019 and 2020 are dependent on review (i.e., engineering) and confirmation (e.g., environmental compliance) by Bonneville by the end of March 2018 and 2019, respectively.

Manager/Sponsor (number of screens)	Site	Estimated Cost by Fiscal Year			Description
		2018	2019	2020	
Idaho (#255)	L-03AO	\$93,175			Implemented - in contracting. Older 45 degree screen, relocate new screen and bypass. River has moved and screen is not functional.
	L-06			\$7,500	new bypass. Add debris rack and bypass replacement. <i>Shift from 2019 to 2020.</i>
	L-08			\$60,000	new screen. Older 45° screen.
WDFW (#42)	Snipes and Allen	\$97,778			Implemented - in contracting. WDFW proposes to replace the screen material with new fish-friendly perforated plate. In addition, structural fabrication needs for the frames (e.g., original high build epoxy coating is experiencing
	Naches-Cowiche			\$100,000	WDFW proposes to replace the screen material with new fish-friendly perforated plate. In addition, complete refurbish of OU gate , gantry and lighting is needed. <i>Shift from 2019 to 2020.</i>
ODFW (#572)	Beech Cr. NO. 7	\$40,000			Implemented - in contracting. Update Walkways (2); Needs Guards for paddlewheel/Driveline; Gantry replacement; modify bypass trash rack; Sand Blast and paint components or replacement; bearing replacements; seals
	John Day River NO. 06			\$20,000	Update Walkways (2); Needs Guards for paddlewheel/Driveline; Gantry replacement; modify bypass trash rack; update paddlewheel; Sand Blast and paint components; bearing replacements; seals. <i>Shift from 2019 to 2020 .</i>

	Westside Diversion			\$10,000	Sand and paint gantries, replace walkways and handrails to meet OSHA standards. Brace Concrete wall and backfill with gravel to prevent freezing weather from moving concrete strait wall. Replace trash Racks.
MFWP (#5)	Grave Creek				Funded through other mechanisms at \$60,000. Replace screen, bypass and headgate severely damaged by tree fall in 2016. Currently the screen is non-
	Libby			\$25,000	armoring/protecting headgate. <i>Shift from 2019 to 2020.</i>
	Deep Phase 2			\$15,000	Infrastructure repair
Westland Irrigation District (#6)	West Extension Irrigation District (WEID) diversion located at Threemile Dam		\$281,316		Outstanding Priroity from 2018 - Refurbish 4 (9' diameter x 12' length)screens to meet NMFS criteria. Current screen material was grandfathered in.
	Total	\$230,953	\$281,316	\$237,500	