

# Use of cost savings funds for fish screens O&M

Tony Grover

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To: Council Members <AllMembers@NWCouncil.org>;

Cc: Mark Fritsch <mfritsch@nwcouncil.org>; F&W State Staff <F&WStateStaff@NWCouncil.org>; F&W Plus <F&WPlus@NWCouncil.org>;

Council members,

On August 15, 2017 the Fish and Wildlife Committee confirmed the findings of the Operation and Maintenance (O&M) Subcommittee regarding non-recurring maintenance priority needs associated with the F&W Program's fish screens and the use of cost savings in Fiscal Year 2018.

These needs were defined as part of the asset management framework associated with the development of the long-term O&M Strategic Plan. Council and Bonneville staff have been working with the Program's fish screen managers and project sponsors over the past 3 years to identify priority needs. These fish screen needs have been identified and developed in a similar fashion as the hatchery mission-critical elements were last year.

To identify the non-recurring needs of the Program's fish screens the O&M Subcommittee requested information and estimate of replacement costs from the fish managers in late June 2017. Priority needs were identified by 5 of the Program's 14 managers/sponsors <<https://nwcouncil.box.com/s/8zsm13frx8g4qbhoagcbrbx9qtivbb1>>. To confirm these fish screen needs, the O&M Subcommittee requested the use of \$150,000 from cost savings funds identified by the cost savings workgroup in FY 2018. Before fish screen repair or replacement actions can occur, the \$150,000 will be used for confirmation of total costs, permitting and environmental compliance by the fish managers or project sponsors and Bonneville project managers and engineers. After confirmation occurs, a schedule and updated cost estimates for implementing repairs or replacement of the five fish screens identified in the table below will be brought back to the cost savings workgroup, the fish and wildlife committee and if requested, the Council.

There are additional fish screen O&M priorities that need to be addressed in FY 2019 and FY 2020, and clarification of those needs will be documented as the O&M Strategic Plan is developed for possible funding through cost savings.

Idaho,

Project # 1994-015-00

L-03AO. Older 45 degree screen, relocate new screen and bypass. River has moved and screen is not functional.

\$100,000

WDFW,

Project #1992-009-00

Snipes and Allen. 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 failure) will be completed during renovations

\$100,000

ODFW,

Project #1993-066-00

Beech Cr. NO. 7. Update Walkways (2); Needs Guards for paddlewheel/Driveline; Gantry replacement; modify bypass trash rack; Sand Blast and paint components or replacement; bearing replacements; seals.

\$40,000

MFWP,

Project #1995-004-00

Grave Creek. Replace screen, bypass and headgate severely damaged by tree fall in 2016. Currently the screen is non-functional.

\$60,000

Westland Irrigation District, Project #1983-436-00

West Extension Irrigation District (WEID) diversion. Refurbish 4 (9' diameter x 12' length) screens to meet NMFS criteria. Current screen material was grandfathered in.

\$281,316

Subtotal (estimated costs)

\$581,316

Total funds required for confirmation purposes

\$150,000

If you have any concerns or questions please let me, Mark Fritsch or Bill Booth know.

Thanks

Tony