

Memo

CITY OF
ASHLAND

Date: February 5, 2018

From: Paula Brown, Public Works Director

To: Mayor and Council

Re: FEBRUARY 6, 2018 COUNCIL ITEM – CWSRF LOAN INCREASE CLARIFICATION

Before Council is a request to approve loan revisions and a resolution authorizing a financing loan increase of \$1,924,589 to a new loan total of \$4,829,000, and adjusting the loan's subsequent re-payment dates. The new loan increases funding to ensure completion of the Riparian Shading (Temperature Credits) and for design and construction of the Wastewater Treatment Plant Outfall Relocation project. **The bolded portions provide added clarification.**

The Riparian Restoration/Shading (water quality temperature credit) project was budgeted for \$1,262,000 for the BN 2017-19 budget years and will remain within that budget. The additional amount requested is anticipated as future year funds and will be requested during the following budget cycle (BN 2019-21). **These future year funds are required to identify property, create an agreement to place a riparian easement on these properties to do the project work, clear the land areas, plant trees and bushes, and provide for the initial 3 to 5 year growth protection of the riparian projects. Staff is estimating approximately 8.5 stream miles of area to be considered. This loan authorizes up to \$2 million and is anticipated to be fully implemented over the next 5-6 years.** The additional amount should enable staff to complete the project. Prior year funding includes \$33,010 for preliminary shading plan options.

The Outfall Relocation project was budgeted at \$660,000 for the BN 2017-19 budget years. In FY17, staff **completed a \$223,000 Outfall Relocation Study.** Council recently approved (December 5, 2017) the request for the Wastewater Treatment Plant Outfall Relocation Preliminary Design and Permitting in the amount of \$361,231. It is anticipated that final design could be completed within **the \$660,000 budgeted amount. This project was originally identified in 2012 and did not encompass the resulting complexities with the permitting and multi-agency review. Design and construction of a "normal" pipeline project in 2013 might have been within the \$856,000 originally budgeted. However, with the multi-agency review and complexities of construction along the bikepath with two under creek crossings, the construction of this project is likely to be \$1 million. Staff will have a better projection once preliminary design is complete. The additional loan request for a new total, including design, of up to \$2,829,000 will accommodate the delay in construction, all of the permitting and construction costs.** Construction will be phased with approval by the Department of Environmental Quality with the new discharge permit.



WWTP Temperature Compliance – “Near Field” and “Far Field” Reminders

It is easiest, although perhaps not exactly the most technically correct, way to think of the near field and far field compliance measures is the following:

Near Field – end of pipe or direct discharge to the creek

Far Field – extending to the watershed

With this in mind, the outfall relocation, wetlands temperature reductions (because they will cool and return water directly to the creek) and cool water releases directly into Ashland Creek from Reeder Reservoir are all near field mitigation options.

The water quality trading and riparian restoration and shading efforts particularly those upstream of the wastewater treatment plant along bear creek will address far field limits or those that do not directly discharge cooler water, but help to make the water in the creek cooler.

