



City of Sedona
Public Works Department
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WWRP Tertiary Filters Upgrade

FY18 CIP Update



KEY FEATURES:

Consultant: Carollo Engineers, Inc.

Contractor: TBD

Construction Challenges:

- Maintaining operation during construction

Project Manager:

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\$ FY18 Project Budget: \$965,000

Total Project Budget: \$1,485,000

The tertiary filters at the Wastewater Reclamation Plant (WWRP) are essential to the treatment process. Currently the tertiary filters consist of sand filters, which are part of the original design of the WWRP. Recently, inefficiencies of the filters have surfaced and costly repairs are needed.

This project will evaluate the efficiencies, capital cost, and operating cost of rehabilitating the existing sand filters vs. switching to a different type of media for tertiary filtration. The project will also consist of design and construction.

Status: Carollo Engineers is preparing a Preliminary Design Report (PDR) which will compare rehabilitation of the existing sand filters to new media in order to determine the most cost effective and efficient filtration process over a 20-year life cycle.

Preliminary evaluations have narrowed new media to include cloth media disks as an alternative to rehabilitation of the existing sand filters. The PDR is anticipated to be complete in April 2018.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

March 2018

Project Phase	% Completion	Completion Date
Design	25%	Spring 2018
Construction	0%	Fall 2018