

Moab City Council Agenda Item
Meeting Date: February 14, 2023

Title: Public Hearing for Sewer Revenue Bond Issuance

Presenter: Ben Billingsley

Attachment(s): None

Recommended Motion: No action required.

Background/Summary:

The City completed a sewer rate study in November 2021. This study modeled this amount of debt issuance to complete long-term critical condition infrastructure projects. Following this study, the City's Capital Improvement Plan and Fiscal Year 2022-2023 Capital Improvement Budget included these projects to begin in the current fiscal year:

Tusher Area Sewer Project

This project considers replacement of sewer pipelines within 200 South Street from 400 East Street to Tusher Street as being in critical and severe condition. Pipe deficiencies ranging from broken joints and excessive root growth to critical concrete pipe wall corrosion with exposed rebar or cracks in the barrel of the pipe. To address these issues, the City will replace 2,860 feet of existing 8-inch sewer pipe with 12-inch sewer.

Anticipated Cost: \$2,750,000

Birch Area Project

This project considers replacement of sewer pipelines in the southwest portion of the City near Birch Ave and Kane Creek Blvd. Staff has experienced periodic back-up and blockages in this area due to failing pipe conditions. A significant portion of existing sewer pipe in this area is also documented as 6-inch diameter or smaller which is not in compliance with current City and State of Utah standards. To resolve these issues, the City proposes to install approximately 2,000 feet of new 8-inch diameter PVC sewer located in Mountain View Dr and Birch Ave to Kane Creek Blvd. We will also install a new sewer pipe in Apache Cir connected to the new sewer improvements.

Anticipated Cost: \$1,600,000

Water Reclamation Facility Outfall Project

The Moab Water Reclamation Facility was constructed in 2018. This modern facility has been monitored for the last several years to determine the level of water quality achieved in its effluent. Currently, the facility is permitted for discharge to the Colorado River, and regularly meets the permit requirements. There is an existing issue with the 1,800 foot long, 60+ year old outfall pipe that was not replaced with the WRF construction due to lack of funding. The existing outfall pipe has had issues with plugging due to root balls that have grown into the joints of the pipe. This causes surcharging and leaking from the pipe and diversion of the outfall flow out of the upstream manhole. Replacement will prevent further leaking and surcharging.

Anticipated Cost: \$2,000,000

The Parameters Resolution and Master Resolution were approved by the City Council on December 13, 2022.