



AGENDA ITEM #: 22-27  
COUNCIL MTG OF: March 1, 2022  
FROM: M. Fowler, Public Works Director; T. Carrier, Deputy Public Works Director  
OFFERED BY: M. Fowler, Public Works Director; T. Carrier, Deputy Public Works Director  
PREPARED BY: M. Fowler, Public Works Director; T. Carrier, Deputy Public Works Director  
SUBJECT: WW Facilities Plan ARPA Grant and Lagoon Assessment

STAFF REPORT  
*Public Hearing 3-15-22*

PURPOSE

The purpose of this document is to request Council consideration and approval to apply for, accept and expend grants funds for the Derry Wastewater Facilities Plan.

TOWN ADMINISTRATOR COMMENTS:

The Town Council is urged to adopt Resolution #2022-021 which would authorize acceptance of federal grant dollars which would allow the Division to expand the scope of its planning activities to include the lagoon system.

BACKGROUND

The Town of Derry municipal wastewater system services customers in Derry and parts of Londonderry. The system consists of approximately 53 miles of gravity sewer, 1,500 manholes, eight raw wastewater pumping stations, two treated effluent pumping stations, 10 miles of force main, and a wastewater treatment facility serving 3,100 customers. The wastewater treatment plant has a design capacity of 4.0 million gallons per day (MGD) and in 2021 averaged just under 2.0 MGD discharged to the Merrimack River.

It is recommended that the Town update its Wastewater Facilities Master Plan (the last update was in 2001) in order to assess the current status of its wastewater assets and what the future may hold in terms of potential growth and new effluent discharge limits. This information will enable the Town to plan for future system improvements and budget adequate funds to keep the system in good working order and in compliance with regulations while serving the needs of the community.

DISCUSSION

The Council approved \$100,000 in the FY22 Wastewater Fund budget to update the Facilities Plan. The Town also applied for and was awarded a Planning Grant under the American Rescue Plan Act for this work. With the availability of the grant funding, we are recommending that the Facilities Plan be expanded to include a detailed assessment of the WWTP's lagoons. The liner, sludge volumes, and aeration system will be evaluated, and recommendations made regarding repairs and replacements including cost opinions to remove and dispose of the sludge and replace the liners and air systems. These facilities are +/-30 years old and approaching the end of their useful life.

FISCAL IMPACT

The maximum award of the ARPA Grant is \$100,000. The additional funding will allow us to include the Lagoon assessment which is quoted at \$35,200. There is no impact to the rates.

**RECOMMENDED ACTION BY COUNCIL**

It is recommended that the Council authorize the recommended work and authorize the Town Administrator to apply for, accept and expend any eligible American Rescue Plan grant funding and authorize the Town Administrator to execute any related documentation.

**SUGGESTED MOTION:**

Please see Resolution #2022-021.