



TO: Mayor and Town Council
FROM: Jason Cournoyer, Town Manager
DATE: October 10, 2024
SUBJECT: Frye Court Emergency Repairs, and Pump Rail and Winch Crane Installation

Purpose: Appropriation of Frye Court Service Tax District reserve funding for emergency repairs and approval for the installation of pump rails and manual winch crane at the Frye Court Pump Station.

Background: On September 10, 2024, a pump failure occurred at the Frye Court Pump Station. There are two pumps in the pit: one completely failed beyond repair, and the other has been deemed inadequate to maintain the needed pumping. Utilities staff was diligent all weekend in pumping out the pit manually using a contractor and Purcellville staff. Priority One Plumbing replaced both pumps as an emergency repair and the station is back to normal operations.

Initial installation of the pumps in the Frye Court lift station did not include rails for the pumps to be removed from ground level. The Town resisted taking on the maintenance of the lift station because of this deficiency and the installation not meeting Loudoun Water standards, but eventually the town assumed the responsibility of maintenance and repairs and established a Special Tax District to fund the upkeep and operation of the pump station.

Discussion: The Frye Court Pump Station currently has two pumps that require operators to enter the lift station and work suspended by a winch cable or stand on multiple concrete blocks to disconnect the pumps for maintenance or replacement. This not only creates a hazardous working environment for the operators but also requires multiple operators to perform the work. The proposed rail system and winch will allow an operator to remove a pump from above ground without entering the 20-foot-deep pit which is designated as a confined space. This will also allow a single operator to perform the work of multiple operators should the need arise, to remove a pump for maintenance or replacement. The proposal includes the installation of the pump rail system and a manual winch crane to be installed by Town staff.

Fiscal Impact: The emergency repairs of the two pump replacements result in a cost of \$14,900, for which appropriation of Frye Court Service Tax District reserve is required to cover the expense. In addition, Priority One Plumbing provided a proposal for the

installation of the pump rails for \$7,800 and the manual lift crane for \$1,500. The aggregate total required for the repairs and upgrades is \$24,200.

The current reserve is \$25,084 and the 2024 billings, that are due December 5, 2024, total approximately \$9,132. The anticipated normal operational costs for Fiscal Year 2025 are estimated to be \$5,000. As a result, the proposed use of reserves for the emergency repairs and lasting upgrade of the pump rail and winch crane is expected to exhaust the majority of the current reserve. The anticipated remaining reserve on June 30, 2025 for the Frye Court Service District is projected to be \$6,517.

Recommendation: Town staff recommends appropriating \$24,200 in Frye Court Service Tax District reserves for emergency repairs totaling \$14,900 and awarding a contract to Priority One Plumbing for a total of \$7,800 for the installation of the pump rails at the Frye Court Lift Station and \$1,500 for the purchase of the associated winch crane.

Draft Motions:

1.) I move to approve Resolution 2024-10-0005 to amend the Utilities Fund Fiscal Year 2025 budget and appropriate \$24,200 of the Frye Court Service Tax District Reserve for fiscal year beginning July 1, 2024 and ending June 30, 2025 to pay for emergency repairs and lasting upgrade of the pump rail and winch crane for the Frye Court Pump Station.

Or

2.) I move an alternate motion.

Attachments:

- 1) Draft Resolution 2024-10-0005
- 2) Priority One Plumbing Invoice- Emergency Repairs
- 3) Priority One Plumbing Proposal- Rail and Crane Improvements