



DATE: March 11, 2024

TO: Wade Bryson, Chair  
Public Works and Facilities Committee

THROUGH: Denise Koch, Director Engineering and Public Works

FROM: Alan Steffert, Utilities Engineer

SUBJECT: Funds Transfer to Juneau Douglas Treatment Plant (JDTP) New Vactor Dump CIP

Staff requests the transfer of \$3.27 million to the JDTP New Vactor Dump CIP, U76-112 from various Wastewater Utility CIPs to accomplish this high-priority project.

One year ago, the Wastewater Utility transferred funding out of the JDTP Vactor Dump CIP to fund the unanticipated high bids for the high-priority, immediate-need project to rebuild the Outer Drive and West Juneau sewage Lift Stations. Components were failing in these critical lift stations that pump sewage from Douglas Island and downtown Juneau to the JDTP. Cost escalations, material supply chain and freight issues, and major increases and uncertainty in delivery times for mechanical, electrical and process components were major factors in the high bid prices received.

The Vactor Dump project is the next immediate priority for the Wastewater Utility. The project includes a new receiving station for waste and debris collected by CBJ's Vactor trucks (Vactor trucks suction clean wastewater manholes and lift station wet wells) and replaces/upgrades the JDTP's grit collection equipment, original to the plant (built in the '70s with spare parts no longer available), with a new high-efficiency, high-capacity grit removal system. Waste stream grit removal, prior to treatment, is essential for prolonging the life of downstream treatment process pumps and conveyances.

The JDTP Vactor Dump Project is now ready to bid. The refined bid-ready estimate of project costs is \$7.92 million. Currently, the JDTP Vactor Dump CIP only has \$4.65 million available.

The CIPs tabulated on the next page that are not being closed will retain sufficient funding after the transfer to continue and complete the planning and design efforts that are currently ongoing in the development of these planned improvement projects.

**Action Requested**

Staff requests a motion to transfer of \$3.27 million from various Wastewater Utility CIP projects (U76-106, U76-109, U76-119, U76-120, and U76-131) to the JDTP New Vactor Dump CIP (U76-112) be forwarded to the full Assembly for approval.