



CITY OF WASHINGTON, ILLINOIS
Public Works Committee Agenda Communication

Meeting Date: October 5th, 2020

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Agenda Item: Storm Pump Reconditioning, Wastewater Treatment

Explanation: Wastewater Staff have noticed a reduction of pumping capacity in one of the three Storm Pumps used at the wastewater treatment facility. These pumps are used to pump excess flow to the excess flow basin during rain events. Staff has tested the pumping capacity of each pump and Storm pump #1 takes several times longer to pump the same volume of liquid that the other two storm pumps do. Storm pump #1 is the first pump to run in a storm event, it has the most starts, stops, and runtime. The reduced pumping capacity results in longer runtimes causing more wear and tear and an increase in electricity cost.

Fiscal Impact: \$15,008.83 of the \$18,000 budgeted in FY20/21

Recommendation/

Committee Discussion Summary: Staff sought 3 quotes for repairs to the storm pump with results of these efforts below.

Armature Motor and Pump	\$15,008.83
Botcke Well and Pump	\$16,990.84
Flow Technics	\$27,535.00

As you can see Armature Pump and Motor is the lowest quoted price, however there are components to the pump that cannot be seen while the pump is installed. As such staff recommends approval for repairs by AMP in an amount of \$15,008.83 with an overall budgeted amount of \$18,000.00 to cover any unforeseen parts or labor necessary to complete these repairs.

Action Requested: Approval of the \$18,000 requested for the reconditioning of the storm pump.