



## Agenda Memo

Crest Hill, IL

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<b>Meeting Date:</b>	October 14, 2024
<b>Submitter:</b>	Michael C. Eulitz
<b>Department:</b>	Public Works Department
<b>Agenda Item:</b>	Well's 4, 8 & 10 Iron Filter Emergency Repair Work

### Summary:

The Iron Filter vessel at Well No. 4 located at 2333 Parkrose is leaking to such a degree that we believe there are several leaks and failures in the vessel. In addition, during the most recent EPA inspection we were told that if this filter was not repaired, we would be in violation. The iron filter vessels in wells 8 (2401 Waterford) and 10 (861 Caton Farm Road) are also beginning to exhibit some of these issues. The observations in all these wells are very similar to what was happening at Well no. 11 which has been repaired and Well no. 12 which is scheduled for repair this month. The Scope of this emergency work for all three Iron Filter vessels will include removal of the filter media, inspection of the filter floor and repairs as needed. This scope will also include all labor and materials involved in replacing the filter floor and legs if needed. If upon a thorough inspection after the filter media is removed, the vessel floor does not need a full replacement but rather spot replacements and welding, then the City will have a deduction in the contract in that amount. If nothing is done at this time to the Iron filter vessel, additional deterioration will occur which will negatively impact the water quality for the residents' serviced by these wells. This emergency repair work would be scheduled in such a fashion as to only have one well offline at a time. This emergency repair work is necessary to bring this filter back in compliance and to eliminate the risk of receiving fines from IEPA. The not to exceed cost to repair all three vessels is not to exceed 716,978.00.

No funding has been allocated in the 2024-25 fiscal year budget and an amendment in the amount not to exceed \$716,978.00.

### Recommended Council Action:

Approve the agreement with USG Water in an amount not to exceed \$716,978.00

### Financial Impact:

**Funding Source:** 12-00-7610

**Amended Budgeted Amount:** \$716,978.00

**Cost:** Not to exceed \$716,978.00

**Attachments:**

Pricing Scorecard