

**Action Requested/Required:**

- ☒ Vote/Action Requested
☐ Discussion or Presentation Only
☐ Public Hearing
Report Date: _____
Hearing Date: _____
Voting Date: _____

Department: Community Development

Presenter(s) & Title: Bethany Watson

City Engineer

Agenda Item Title:

Discussion and Possible Action on Change Order 1 to W.L. Griffin for Canton WTP Filter Rehab Project in the Amount of \$24,500.

Summary:

See attached Memo.

Budget Implications:

Budgeted? ☐ Yes ☒ No ☐ N/A

Total Cost of Project: \$ 24,500.00 Check if Estimated ☐

Fund Source: General Fund ☐ Water & Sewer ☒ Sales Tax ☐ Other: _____

Staff Recommendations:

Staff recommends approval of Change Order 1 to W.L. Griffin for Canton WTP Filter Rehab Project in the Amount of \$24,500.

Reviews:

Has this been reviewed by Management and Legal Counsel, if required? ☐ Yes ☐ No

Attachments:

Memo
Email
Change Order 1



Memorandum

To: Mayor and City Council
From: Bethany Watson, P.E., AICP, City Engineer
CC: Billy Peppers, City Manager
Date: September 10, 2025
Re: Canton WTP Filter Media Rehab Project Change Order 1

During the construction of the WTP Filter Media Rehab Project, unforeseen conditions and changes have occurred resulting in a required a Change Order for the above mentioned project.

After beginning the project, the contractor began to drain the first filter for rehab. At that time, it came to our attention that the 20" Backflow Valve (BFV) and the filter drain valve for Filter #6 is inoperable. This means that we are unable to remove dry filter media because it is unable to drain fully. We attempted to pump out the additional water, however since the 20" BFV is leaking, we are unable to fully drain the filter. While we worked on a solution for Filter #6, the contractor moved on to Filter #5, but was met with the same issue, the drain valve for Filter #5 is inoperable as well.

Based on the filter draining issues, the scope of the project has changed. Instead of the typical slurry method, filter media will have to be placed by hand. In addition to additional work that will have to take place before disinfection of the filter. Removal of the media will also have to be removed wet, which will take additional time for labor and equipment.

The contractor has proposed an additional \$4,900 per filter, resulting in a Change Order of \$24,500.

Staff finds this proposal reasonable and requests approval of Change Order 1.



Bethany Watson <bethany.watson@cantonga.gov>

Canton Filter Rehab

Thomas Brown <thomas@wlgriffincompany.com>

Tue, Sep 2, 2025 at 8:47 AM

To: Bethany Watson <bethany.watson@cantonga.gov>

Cc: Westly Griffin <westly@wlgriffincompany.com>, Vicki Payne <vicki@wlgriffincompany.com>

Bethany-

Westly and I visited the site last week and went over the issues with Cody on site. It is apparent that the 20" BFV is leaking by and the filter drain is inoperable for Filter #6. The plant put this filter back in operation and drained Filter #5 just below the top of the media. The filter drain for Filter #5 is inoperable as well. Due to these circumstances, the scope of work has changed. Below is a description from C&C Environmental Services. The cost per filter will be an additional \$4,900.00 for a total of \$24.500 (5 filters).

Based on the filter draining issues below, our scope has changed for increased labor, time & materials for the rehabilitation project.

We will have to place all gravel layers by hand instead of the slurry method. We will have a shoot to place gravel and will have to place material in buckets from the supersacks. We would install Gravel layer 1 then level, then continue the same process until we reach the top layer of gravel. After leveling the top layer to specifications, we will need to backwash the filter. Then we would add a sump pump to drain the filter down which will allow us to slurry the sand layer. We will not be able to skim since we can't drain the filter down. We will need to backwash very well to remove fines. Then we would slurry anthracite and backwash again. Finally, the plant would disinfect and collect Bact 2 samples after 12 to 24 hours depending on their process.

Removal will have to be done wet, plant advised we can dump water and some material on site then vac up after it dries. I spoke with the dump site, and they will take material wet, we just need to try to get as much water out onsite prior to heading to the dump. This will take extra time, additional trips to dump and re vacuuming the media we dump onsite.

Please let me know if the additional cost is acceptable and we will schedule time to remobilize to complete the work.

Thank You

Thomas Brown

Project Manager

W.L. Griffin Company, LLC

706-372-0211

thomas@wlgriffincompany.com



CHANGE ORDER

Change Order No. 1

Date of Approval: _____

NAME OF PROJECT: City of Canton
 Canton WTP Filter Media Rehab Project
 Construction Services

CONTRACTOR: W.L. Griffin Company, LLC.

The following changes are hereby made to the **CONTRACT**:

Description	Cost
Filter Drain Issues	\$24,500.00
Total	\$24,500.00

This **CHANGE ORDER** adjusts the **CONTRACT** to its complete value.

Current Contract Price \$186,922.34
Cost Change by this Change Order..... \$24,500.00
Contract Price after execution of Change Order \$211,422.34

CONTRACT TIME:

Substantial Completion..... Complete
Final Completion Complete

Change Order No. 1
Canton WTP Raw Water Intake Improvements
Construction Services

TOTAL VALUE OF CHANGE ORDER NO. 1 \$24,500.00

TOTAL REVISED CONTRACT VALUE \$211,422.34

This change is recommended by: City of Canton

Signed: _____

Bethany Watson, P.E.

Title: City Engineer

Accepted: W.L. Griffin Company, LLC

Title: _____

Signed: _____

Approved by: City of Canton

Signed: _____

Bill Grant

Title: Mayor

Approved as to form:

Signed: _____

Robert M. Dyer

Title: City Attorney