



## Legislation Text

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**File #:** PROJ #89, **Version:** 1

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### **PROJECT COMPLETE CERTIFICATION - MINT FARM WATER TREATMENT PLANT FINISHED WATER POST-CHLORINATION PROJECT**

#### **COUNCIL INITIATIVES ADDRESSED:**

Provide sustainable water quality & environmental infrastructure

#### **CITY ATTORNEY REVIEW: N/A**

#### **SUMMARY STATEMENT:**

This action is to certify the Mint Farm Water Treatment Plant Finished Water Post-Chlorination project has been completed in accordance with the plans and specifications under Contract No. 15-0420G-F entered into between the City of Longview and J.H. Kelly, LLC, and the same is hereby accepted and approved.

The addition of post-chlorination increases operating control and flexibility to respond quickly to changing conditions. With just pre-chlorination, the chlorine levels in the finished water leaving the plant continually fluctuated as the system tried to react to various operating combinations and sequences. Any change in parameter (ie., well start-up or shutdown, filter(s) coming on or off-line, recycle flow added or deleted, backwash sequence initiated or completed, etc.) would prompt chlorine levels to spike or dip as the system tried to adjust itself. Post-chlorination provides a trim dose which dampens that fluctuation before the finished water leaves the plant to provide more a consistent chlorine level all the time.

#### **RECOMMENDED ACTION:**

Motion to accept and approve as complete the Mint Farm Water Treatment Plant Finished Water Post-Chlorination project.

#### **STAFF CONTACT:**

Amy Blain, Project Engineer