



Creedmoor-Maha Water Supply Corporation

Region K and State of Texas Water Plan
Minor Amendment Request



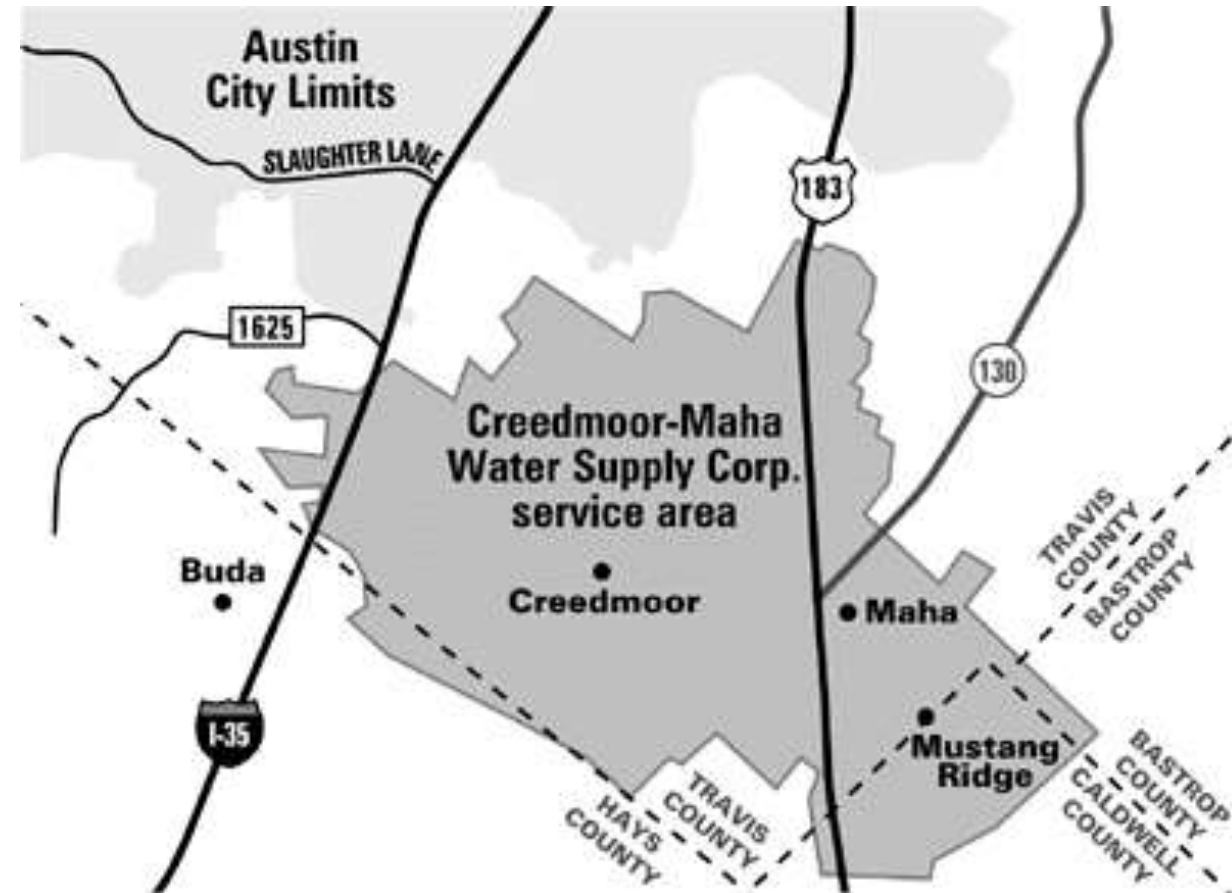
Executive Summary

Creedmoor-Maha Water Supply Corporation (CMWSC) is proposing to Amend the Region K and State Water Plans to add a water supply project.

- This Amendment has been previously discussed by Region K:
 - Region K voted unanimously to submit the proposed Amendment to the TWDB for their review.
 - TWDB requested changes to the proposed Amendment, which CMWSC and Region K provided.
 - Region K held a public meeting regarding the proposed Amendment on February 13, 2017. No public comments were received during that meeting or during the subsequent follow up period.
- CMWSC requests that Region K consider approving CMWSC's proposed Amendment during this meeting and providing the project information to the TWBD for their approval.

CMWSC Location

- CMWSC is located to the southeast of Austin, Texas. It currently has approximately 2,410 meters and over 170 miles of water mains (~ 14 meters per mile of piping). Many of these lines are 30-40 years old, undersized (4 to 6 inches), and are leak prone.
- The largest water users are area industries and agricultural users.



CMWSC Water Sources and Losses

- CMWSC obtains most of its water from CMWSC groundwater wells completed in the Edwards Aquifer. It also purchases water from Aqua Water Supply Corporation (Aqua), and the City of Austin (Austin).
- CMWSC loses a significant amount to water to leaks. From 2011-2015, CMWSC's unmetered losses ranged from 18% to 26% of the metered flow (~46 million gallons in 2015).
- CMWSC proposed to add a conservation project as an Amendment to the Region K Water Plan. This was done to obtain TWDB funding to replace their undersized, leak-prone water transmission lines with new, correctly-sized piping.

CMWSC Amendment Revisions

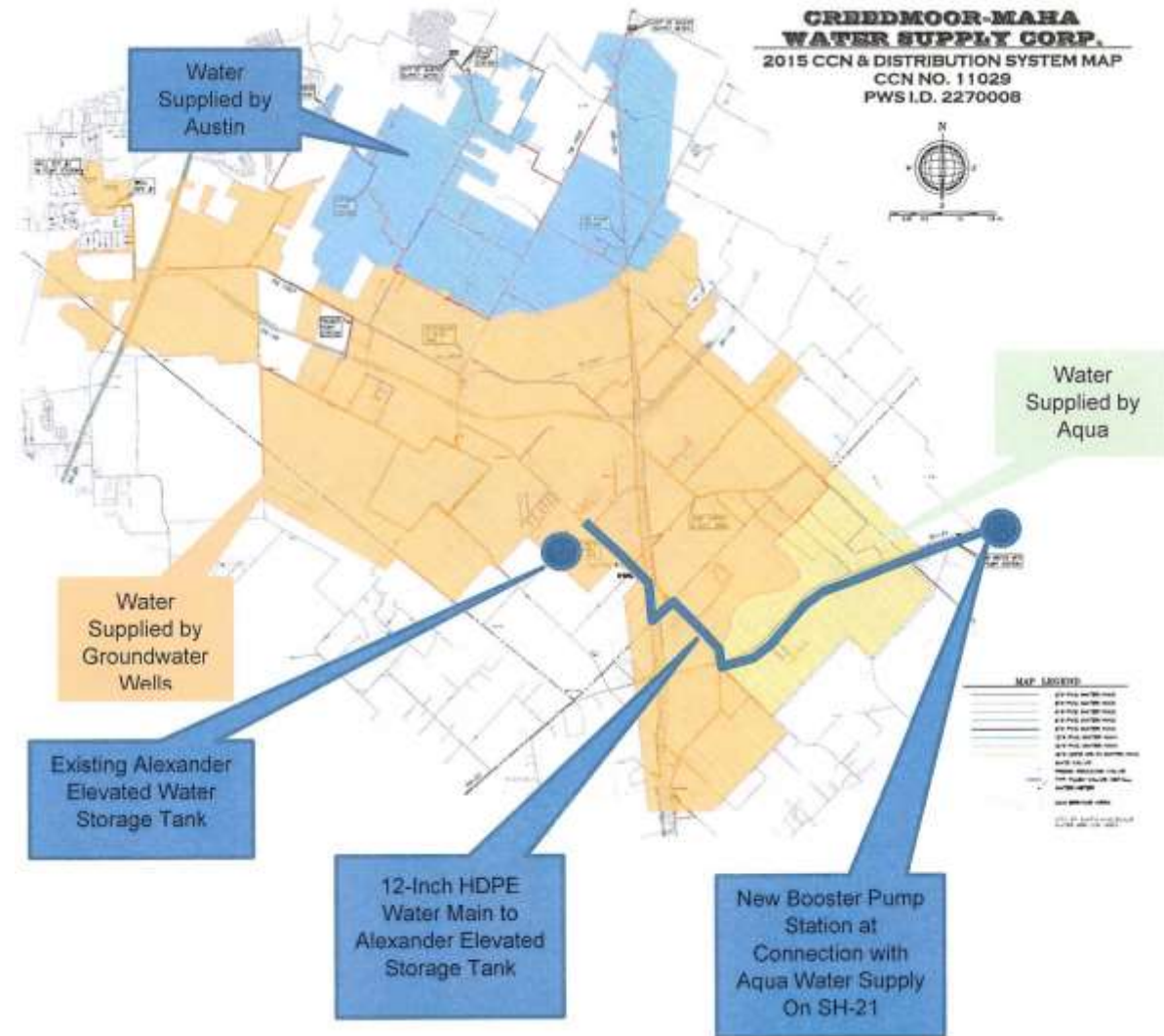
Although originally submitted as a conservation project, the TWDB required that the project be reduced in scope and redefined as a water supply project. Accordingly, the revised purposes of this project are to:

- Provide CMWSC with an additional, reliable source of water, by connecting their source from Aqua with their elevated Alexander water tank with appropriately sized transmission piping.
- A secondary benefit will be reducing leakage by replacing leaking transmission lines.

Revised Region K Amendment Request

To alleviate the unmetered leakage and to provide an additional, usable source of water to the CCN, CMWSC proposes to:

- Replace ~6.8 miles of undersized, leak-prone water mains with new, 12" HDPE main lines.
- Install a booster pump.
- Make other minor improvements to the system.



Proposed Changes to Region K's 2016 Regional Plan

Proposed changes have been provided to you in your meeting materials. In addition to the listed changes in the Amendment materials, there will also be minor changes made to the TWDB database.

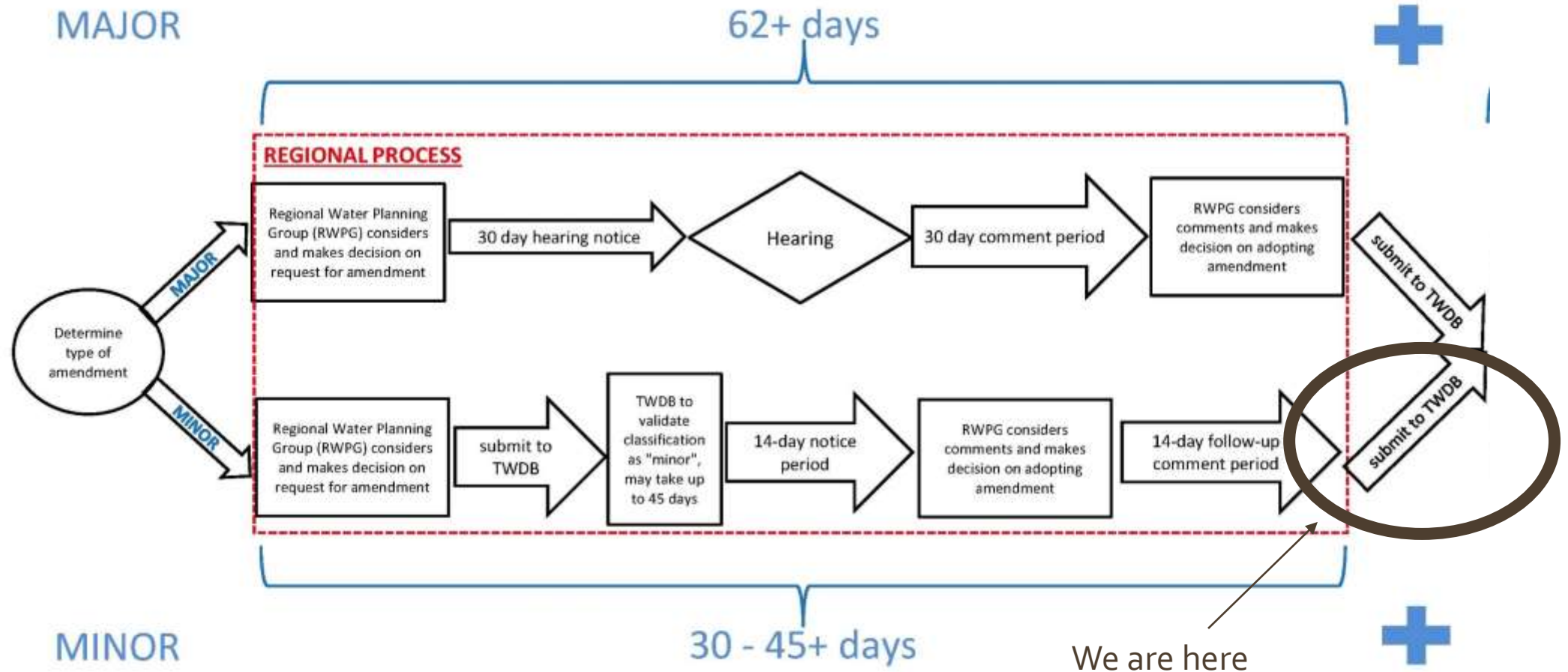
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Amendment Process

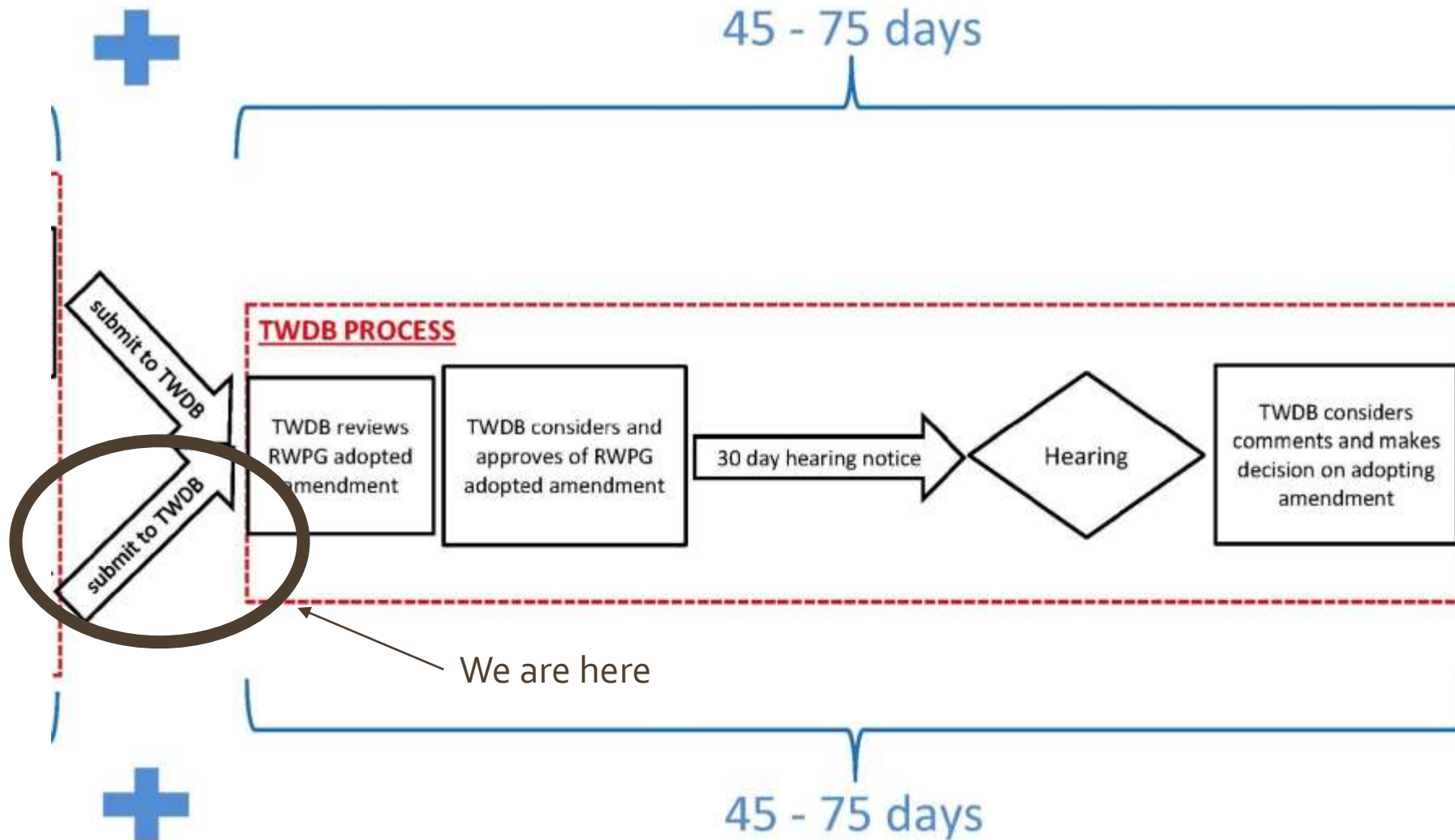
This Amendment has been previously discussed by Region K:

- Region K voted unanimously to submit the original proposed Amendment to the TWDB for their review.
- TWDB requested changes to the proposed Amendment, which CMWSC and Region K provided.
- Region K held a public meeting regarding the revised Amendment on February 13, 2017. No public comments were received during that meeting or during the subsequent follow up period.

Region Water Plan Amendment Process



State Water Plan Amendment Process



CMWSC Request

CMWSC respectfully requests that Region K authorize the following actions today:

1. Vote to approve the Minor Amendment to the Region K Water Plan.
2. Submit the Minor Amendment to the TWDB for their approval.



Questions?

CMWSC Conservation Project

