



July 31, 2017

Technical Committee
Water Resources Association of Yolo County
P.O. Box 8624
Woodland, CA 95776

Subject: Final Report and Final Invoice # 1 of 1 [7/30/2016-10/28/2016]

Dear Members of the Technical Committee:

The City of Winters, CA applied for funding through the WRA Project Fund Program in May 2016. The Technical Committee approved the City's funding request in the amount of \$16,127. The funding was for the City of Winters Drinking Water Hexavalent Chromium (Cr6) Compliance Project to help bring the City into compliance with the new primary drinking water MCL approved by the State of California in June 2014. Water agencies impacted by this new water quality regulation are required to comply for all water sources by January 2020. The City had requested funding assistance to cover a portion of the costs required to evaluate Cr6 compliance alternatives and select a preferred project the City could implement in accordance with the Cr6 compliance schedule. Attached is the only invoice for this work in the amount of \$16,127 as the City completed the alternative selection process during the second half of 2016.

Project Work Completed

The City hired Kennedy/Jenks Consultants to conduct an alternatives analysis for Cr6 compliance and to identify a preferred project the City could implement by 2020 per Cr6 compliance regulations. The alternative selection process is outlined in the bullets below providing a framework for selecting a preferred project.

- Consider all Cr6 compliance measures including demand reduction measures, other demand reduction measures (such as non-potable irrigation), and new sources (including water treatment and/or blending).
- Identify project alternatives ranging from treating all water sources out of the compliance with the Cr6 regulation to minimizing water treatment and including other less expensive measures.
- Comparing the cost of Cr6 compliance for the project alternatives considered, including capital and O&M costs.

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- Considering other factors that could influence project selection, including land availability, site access and security, land use compatibility, and CEQA compliance.
- Selecting a preferred project based on lifecycle costs and other factors that provide Cr6 compliance for the City's future build-out scenario.
- Presenting options to Council and receiving approval to move forward with preferred Alternative 4, received approval on September 20, 2016
- Alternative 4 relies on the development of Well 9 being Cr6 compliant, bids have been received to begin the test hole for Well 9
- Initial phasing plan has been developed for 2020 compliance and ultimate 2036 City build out capacity
- Preliminary discussion with consultants for CEQA requirements
- Preliminary engineering details are ongoing

Upcoming Work

Once the City has determined if Well 9 will be Cr6 compliant the design engineering and CEQA work can move forward. Well 9 information is expected to be available in Summer 2017.

If you have any questions about the City's Cr6 compliance project work please contact me at 530-794-6715 or carol.scianna@cityofwinters.org.

Thank you for your assistance on this important project for the Winters community. We appreciate your support and look forward to working with the WRA in the future.

Sincerely,

Carol Scianna
Environmental Services Manager

Attachments: Invoice

Map outlining details of Alternative 4 Compliance Strategy
Invoices and payment to Kennedy Jenks Consulting (totaling \$19,286.66)

City of Winters Cr6 Compliance –

**FIGURE 6 - CITY OF WINTERS CR6 COMPLIANCE
ALTERNATIVE #4**

