

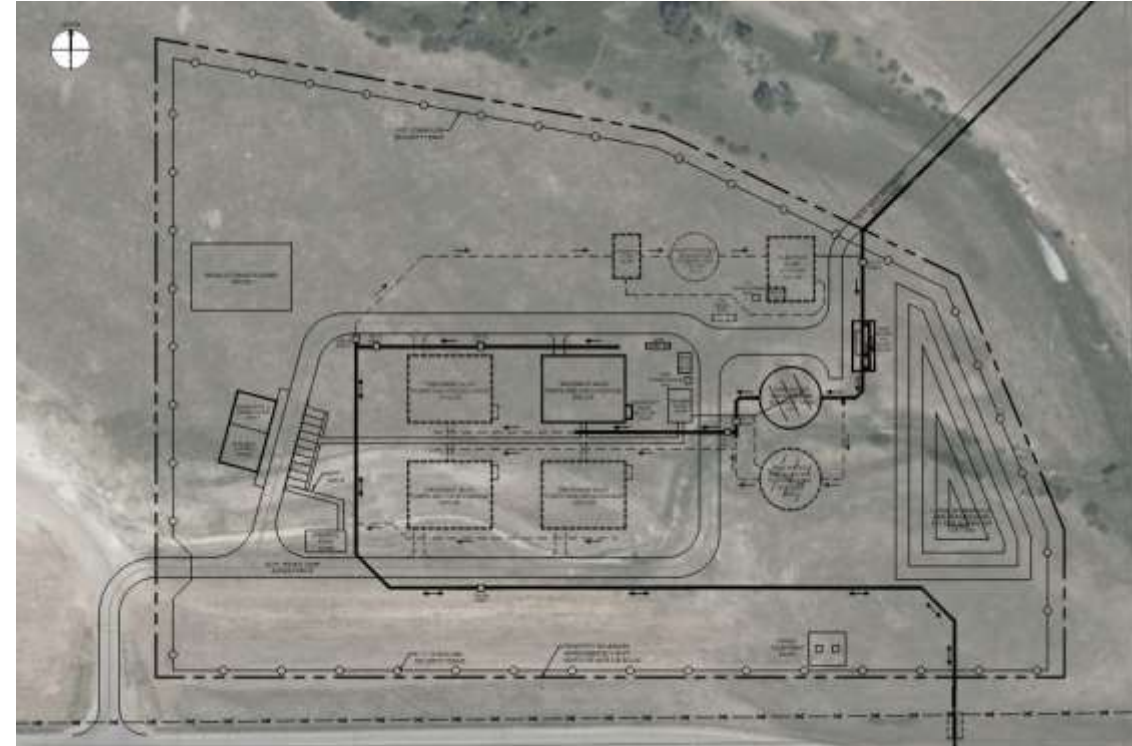
Terry Ranch Concept Design: Change Order Approval Request

June 15, 2021



Terry Ranch Concept Design

- **Scope**
 - Pipeline Route and Facility Site Selection
 - Geotechnical Investigation
 - Utility Locates
 - System Hydraulics Analysis
 - Treatment Process
 - Electrical Needs
- **Purpose**
 - Determine feasibility and cost of project
 - Provide initial design for future construction



Terry Ranch Concept Design

Change Order

- Water and Sewer requests approval of a change order for the additional work completed on the Terry Ranch Project Concept Design.
- Brown and Caldwell
- \$395,737 (46% increase from original contract amount of \$1,411,009)



Terry Ranch Concept Design

- **Additional Work Completed for the Change Order**
 - Enhanced Pipeline and Facility Design
 - Additional Design of Pump/Valve Sites
 - Unforeseen need for additional Geotechnical and Topographical surveys
 - Revised Hydraulic Analysis
 - Payments to PVREA for Power Analysis
 - Additional Treatment Process Design
 - Pilot Treatment Plant Tests



Conclusions and Staff Recommendations:

- The additional work for the project ensured that all comments and concerns were addressed during the concept design allowing Water & Sewer Board and City Council to make an informed decision whether to close on the purchase of the Terry Ranch Project.
- The Water and Sewer Department is requesting that City Council approve the change order to finalize the concept phase of the project.





QUESTIONS?

