

CASTLE ROCK WATER

RESOLUTION 2020 – 009 SERVICES AGREEMENT FOR MCMURDO GULCH STREAM RECLAMATION PRIORITY 2 PROJECT

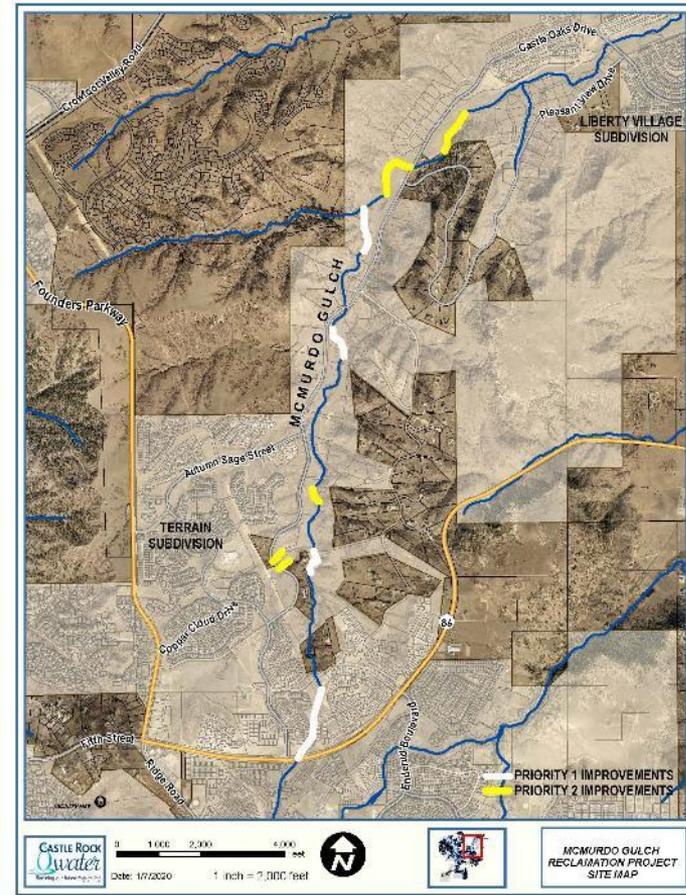
JANUARY 7, 2020



MCMURDO GULCH PRIORITY 2

BACKGROUND

- Identified in Stormwater Master Plan for improvements
- Legacy Project to be funded by bank loan
- Degradation resulting from urbanization
- Nutrient load concern within Cherry Creek basin
- Previous projects in partnership with Cherry Creek Basin Water Quality Authority since 2011



MCMURDO GULCH PRIORITY 2

SCOPE

- Approximately 3,200 linear feet of stream stabilization improvements
- Five locations along McMurdo Gulch
- Restore sustainable channel system – reduce channel slope & erosive velocities
- Continuation of phased improvements to maintain health stream



Boulder Cascade Structure on McMurdo Gulch in 2011

MCMURDO GULCH PRIORITY 2

PROJECT SUMMARY

Consultant

- Muller Engineering Company, Inc.

Budget

- Requested Authorization: \$329,302
- Construction Estimate: \$1,838,000
- Requesting a minimum of \$60,000 from Cherry Creek

Schedule

- Design & Permitting: 2020 – 2021
- Construction: Fall 2021 – Spring 2022

Recommendations

- Castle Rock Water Commission
- Staff



Completed drop structure on McMurdo Gulch



THANK YOU

QUESTIONS

- Recommended Motion: *"I move to approve Resolution as introduced by title."*