

CASTLE ROCK WATER

RESOLUTION – CONSTRUCTION CONTRACT WITH GLOBAL UNDERGROUND, INC. FOR THE HECKENDORF RAW WATERLINE

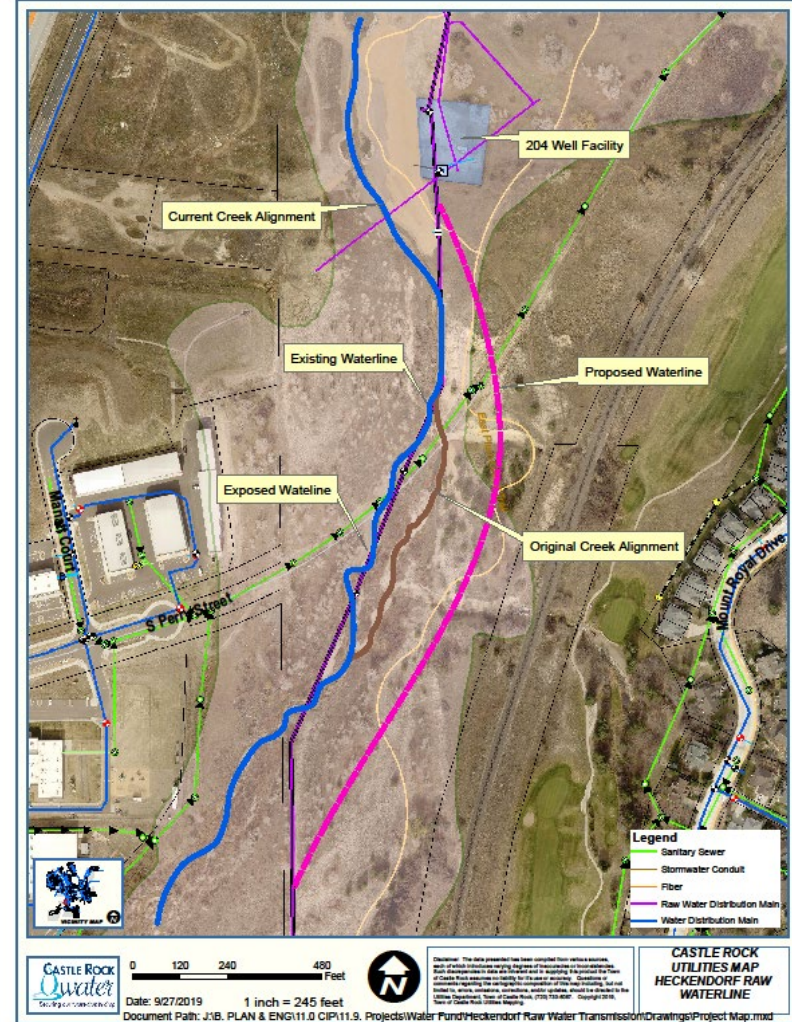
OCTOBER 15, 2019



HECKENDORF RAW WATERLINE

BACKGROUND

- Located near the I-25 Frontage Road and Perry Street
- Provide raw water to Plum Creek Water Purification Facility from the Heckendorf Alluvial Wells and Lanterns Denver Basin Wells
- 2015 flooding caused a stream realignment
- Current pipeline follows new creek alignment increasing potential risk
- Exposed pipeline discovered in 2017
- Damaged pipeline would reduce supply by 1.8 mgd



HECKENDORF RAW WATERLINE

DETAILS

- Raw water transmission main repair
- 1700-foot Horizontal Directional Drilled (HDD) PVC pipe
- Pipe installed with single pull
- Located within the Riparian Conservation Zone and Town's open space
- HDD minimizes surface disturbances
- Global is the only Colorado contractor that is certified in fusing PVC pipe
- Global is the only Colorado contractor with equipment capable of pulling the 12-inch pipe



HECKENDORF RAW WATERLINE

Construction Contract

- Construction sole-sourced to Global Underground
- Contract price = \$627,890
- 10% town managed contingency
- Total authorization of \$690,679
- HDD unit cost comparison
 - Lanterns RWL = \$286/ft
 - Heckendorf = \$280/ft

Schedule

- Complete by February 1, 2020

Recommendations

- Staff





THANK YOU

QUESTIONS

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