



COLORADO

Parks and Wildlife

Department of Natural Resources

Area 14
4255 Sinton Road
Colorado Springs, CO 80907
P 719.227.5200 | F 719.227.5297

August 8, 2018

Dannah M. Koeniger, P.E.
GMS, Inc., Consulting Engineers
611 N. Weber, Suite 300
Colorado Springs, CO 80903-1074

Re: Cascade Metropolitan District Water System Improvements (Cascade Creek and Fountain Creek Crossing)

Dear Ms. Koeniger:

Colorado Parks and Wildlife (CPW) is in receipt of the plans referencing the above project and is familiar with the site. After reviewing the proposed designs, CPW has the following comments:

The project should as much as possible, minimize ground disturbance and disturbance of the stream bed. Any work that dewateres or diverts the natural flow of the river should be completed as quickly as possible. Any fish seen trapped because of construction should be relocated to flowing water downstream of the construction area.

Removal or disturbance of woody riparian vegetation should be minimized as much as possible and any areas where woody vegetation is removed should be replanted with native woody vegetation. All stream bed and banks excavated during the project should have the same or similar sized material used to refill to the original grade.

All Sediment control BMP's specified in Federal and State discharge permits should be in place at all times. Concrete can contaminate streams and directly kill fish, washouts should be used for all cleaning of concrete equipment.

Pathogens and invasive species, such as whirling disease and New Zealand mud snails, can be transported and spread by materials and equipment that comes in contact with water at project sites. It is recommended that all equipment that comes in contact with the creek be in good conditions and not leak any fluids and be cleaned with a high temperature (>140 degrees F) power washer to remove mud and debris before contacting the water.



We appreciate being given the opportunity to comment. Please feel free to contact Assistant Area Wildlife Manager Cody Wigner at 719-227-5267 or cody.wigner@state.co.us should you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Frank McGee".

Frank McGee
Area Wildlife Manager

Cc: SE Region File
Area 14 File