



Legislation Text

File #: 15-00727, **Version:** 1

A Resolution of the City of Colorado Springs City Council to approve the Drainage Basin Planning Study for Kettle Creek Basin and designating the study area as a closed basin with no drainage, bridge or detention basin/land fees and no reimbursement for constructed improvements.

From:

Travis Easton, Public Works Director
Tim Mitros, Development Review and Stormwater Manager

Summary:

A Drainage Basin Planning Study (“DBPS”) has been prepared for a portion of the Kettle Creek Drainage Basin dated May 2015. The recommended approach for the Kettle Creek Basin is to provide sub-regional detention with Full Spectrum Detention (“FSD”) and water quality treatment. The FSD approach shall be implemented as the standard detention approach for Kettle Creek and its major drainageways. In addition, the study proposes that this portion of the Kettle Creek Drainage Basin should be considered a closed basin.

Previous Council Action:

On August 22, 2002, City Council adopted Resolution 139-02 adopting the Kettle Creek, Old Ranch Road Drainage Basing Planning Study and designating the study area as a closed basin with no drainage, bridge, or detention basin/land fees and no reimbursement for constructed improvements. The DBPS area referenced by Resolution No. 139-02 lies directly downstream of the May 2015 DBPS area being considered herein.

Background:

The Drainage Basin Planning Study for Kettle Creek Basin was authorized under the terms of an agreement between the City of Colorado Springs Development Review and Stormwater Division, JR Engineering, LLC, and High Valley Land Company, Inc. and was paid for with private funds.

The Kettle Creek watershed is located in the north central portion of El Paso County and flows southwesterly from the southern slope of the Black Forest towards the U.S. Air Force Academy. The Kettle Creek watershed contains perennial streams and has a contributing drainage area of approximately 16.41 square miles at its junction with Interstate 25.

Previous studies have analyzed portions of this Basin between I-25 and Powers with none reaching all the way to the upper most section of the Basin up stream of Powers to the Black Forest. This Study analyzes the entire reach of Kettle Creek specifically showing conduits, channels, natural drainage courses, detention reservoirs, easements, culverts and all other hydraulic facilities required to control surface water from the 100-year event from Powers to the Black Forest. This Study also looks at the impacts on the USAFA from a pre-developed basin to the developed basin.

The study concludes that this upper reach of Kettle Creek Drainage Basin should be considered a closed drainage basin. As a closed basin, development would not be required to pay drainage fees. The landowners/developers will not be reimbursed for the construction of these facilities and thus the financial implications to the City are negligible. The complete Drainage Basin Planning Study for Kettle Creek Basin is available on the City's website at [https://coloradosprings.gov/resident-services/public-works/city-engineering/drainage-plans-and-studies/Drainage Basin Planning Studies/k/Drainage Basin Planning Study for Kettle Creek](https://coloradosprings.gov/resident-services/public-works/city-engineering/drainage-plans-and-studies/Drainage%20Basin%20Planning%20Studies/k/Drainage%20Basin%20Planning%20Study%20for%20Kettle%20Creek) dated May 27, 2015.

Financial Implications:

N/A

Board/Commission Recommendation:

On June 4, 2015, the City/County Drainage Board unanimously approved the Drainage Basin Planning Study for Kettle Creek, along with the proposal that the study area be considered a closed drainage basin.

Stakeholder Process:

N/A

Alternatives:

Approve or do not approve the Drainage Basin Planning Study for Kettle Creek Basin.

Proposed Motion:

Motion to approve the attached Resolution adopting the Drainage Basin Planning Study for Kettle Creek Basin dated May 2015.

N/A