

COLORADO WATER CONSERVATION BOARD  
721 State Centennial Building  
1313 Sherman Street  
Denver, Colorado 80203

January 4, 2019

**RESOLUTION**

**PREVIOUS FLOODPLAIN INFORMATION**

WHEREAS, the following floodplain studies have been designated by the CWCB for Rangeview Gulch as listed in Table 1:

**Table 1**  
**Previously designated floodplain information for Rangeview Gulch**

<b>Study Name</b>	<b>Author</b>	<b>Report Date</b>	<b>Resolution No.</b>
FIS, City of Littleton, Colorado,	Federal Emergency Management Agency	September 1989	335
FIS, Arapahoe County and Incorporated Areas, Volume 1-3	Federal Emergency Management Agency	December 1993	353
FIS, Arapahoe County, Colorado and Incorporated Areas	Federal Emergency Management Agency	April 1989	508
FIS, Arapahoe County, CO and Incorporated Areas	Federal Emergency Management Agency	March 1991	509
FIS, Arapahoe County, CO and Incorporated Areas	Federal Emergency Management Agency	August 1995	538
FIS, Arapahoe County, CO and Incorporated Areas	Federal Emergency Management Agency	February 2017	688

; and

WHEREAS, previous floodplain information consists of detailed information that has become outdated; and

**FLOODPLAIN INFORMATION TO BE DESIGNATED**

WHEREAS, Ayres Associates completed a new report entitled "Flood Hazard Area Delineation Update for Rangeview Gulch Between South Platte River and Turtle Lake" dated January 2017; and

WHEREAS, said new report contains detailed floodplain information for Rangeview Gulch through the City of Littleton; and

## **LOCAL REQUEST FOR DESIGNATION**

WHEREAS, the study resulting in the said new report was prepared to provide local jurisdictions with a basis for managing Rangeview Gulch floodplains and to minimize threats from flooding to public health and safety; and

WHEREAS, the Urban Drainage and Flood Control District transmitted a letter dated January 8, 2018 to the CWCB requesting designation and approval of said new study for Rangeview Gulch; and

WHEREAS, no request letter was received from the City of Littleton, but conversations with the City of Littleton indicate their desire for designation of this study; and

WHEREAS, the Urban Drainage and Flood Control District Board of Directors also passed a resolution at their October 19, 2017 meeting to adopt the subject study; and

## **C.R.S. AUTHORITY**

WHEREAS, Section 37-60-106(1)(c), Colorado Revised Statutes, requires the Colorado Water Conservation Board to assist in the prevention of floods and flood damages therefrom; and

WHEREAS, Sections 31-23-301 and 30-28-111, Colorado Revised Statutes, provide that legislative bodies of local jurisdictions may provide zoning regulations for land uses on or along any storm or floodwater runoff channel or basin only after designation and approval by the Colorado Water Conservation Board; and

WHEREAS, Section 37-60-106(1)(c), Colorado Revised Statutes, directs the Colorado Water Conservation Board to designate and approve storm or floodwater runoff channels or basins and to make such designations available to legislative bodies of local jurisdictions; and

## **CONSISTENCY WITH PREVIOUS FLOODPLAIN STUDIES**

WHEREAS, the detailed floodplain information for Rangeview Gulch revises and is, therefore, inconsistent with the detailed and approximate floodplain information for Rangeview Gulch contained in Resolutions No. 335, 353, 508, 509, 538, and 688; and

## **COMPLIANCE WITH CWCB TECHNICAL STANDARDS**

WHEREAS, said new report is based on information gathered and assembled for the existing drainage systems including hydraulic structures, channels, and topography; and

WHEREAS, said new report was prepared to update hydraulic information for Rangeview Gulch in the vicinity of Santa Fe Drive due to changes to a nearby railroad, Santa Fe roadway safety measures (jersey barriers and median), and a newly built brewery; and

WHEREAS, hydrologic values were previously calculated in the previously published 1990 Flood Hazard Area Delineation for the watershed and were subsequently used for flood maps and floodway regulations, and the values are carried forth to this update without change; and

WHEREAS, water surface elevations for the 100-year flood frequency for the studied stream reach were computed for said new report using a two-dimensional model SRH-2D due to the complex hydraulic nature of the vicinity; and

WHEREAS, following the completion of the SRH-2D model, an informed and calibrated one-dimensional model was then prepared to assist in the regulatory functions of the City of Littleton and UDFCD; and

WHEREAS, the detailed 100-year floodplain information for Rangeview Gulch in said new report meets the requirements listed under the Board's "Rules and Regulations for Regulatory Floodplains in Colorado" (2 CCR 408-1); and

WHEREAS, the City of Littleton, and the Urban Drainage and Flood Control District should continue to regulate new development and construction in floodplain areas on a case-by-case basis based on the information presented in said new report, or based on the best available floodplain information that is accessible to the cities and the District; and

#### **DESIGNATION, APPROVAL AND RESCISSION ACTION**

NOW, THEREFORE, BE IT RESOLVED by the Colorado Water Conservation Board in regular meeting assembled in Steamboat Springs, Colorado, this 19th day of September, 2018, that it does hereby designate and approve as detailed floodplain information the 100-year floodplains delineations for Rangeview Gulch in the City of Littleton contained in said new Flood Hazard Area Delineation dated February 2017; and

BE IT FURTHER RESOLVED that the Board does hereby rescind the detailed and approximate 100-year floodplain information contained in Resolutions No. 335, 353, 508, 509, 538, and 688 for the studied reaches of Rangeview Gulch contained in said new report dated January 2017; and

BE IT FURTHER RESOLVED that the Secretary of the Board is directed to send a certified copy of this resolution to the City of Littleton, Urban Drainage and Flood Control District, and the Federal Emergency Management Agency Region 8.

## **CERTIFICATE**

I certify that the foregoing is a true and correct copy of a resolution adopted by a majority vote of the members of the Colorado Water Conservation Board in regular session assembled at Steamboat Springs, Colorado on the 19<sup>th</sup> day of September, 2018, at which a quorum was present.

A handwritten signature in cursive script that reads "Rebecca Mitchell". The signature is written in dark ink and is positioned above a horizontal line.

Rebecca Mitchell, Director