



Jenny Wilson
Mayor

July 1, 2021

Catherine Kanter
Deputy Mayor of Regional
Operations

To: Salt Lake County Council
Re: Revisions to Title 17 – Flood Control and Water Quality

Scott R. Baird, P.E.
Director, Public
Works Department

Dear County Council:

Kade D. Moncur, P.E., CFM
Director, Flood Control
Engineering Division

Due to the pace of new development throughout Salt Lake County it has become apparent that the ordinances that address storm drainage and flood control development need to be updated to reassess how predevelopment stormwater release rates are determined and how those rates will impact the County's Flood Control Facilities. To that end, the following amendments to the Salt Lake County Code of Ordinances, Title 17, Chapters 04, 08, and 20 are presented for your approval.

**FLOOD CONTROL
ENGINEERING DIVISION**

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Chapter 17.04

17.04.020: Clarification that the director of the director of the flood control division may also act as the director of the engineering division.

17.04.050: Establishes procedures and standards for conducting hydrological studies of all drainage basins and drainage areas in Salt Lake County for the purpose of determining the volume and course of excess waters (i.e. stormwater and runoff) and establishing scientifically based regulations regarding the discharge of excess water from developed properties into County Flood Control Facilities. Allows the flood control division director to exempt developments that are subject to a master development agreement in existence at the time a new study is adopted from the new rates.

Chapter 17.08

17.08.010: Updates and standardizes the definition of a "one percent annual storm event."

17.08.020(A)(1): Amended to require a flood control permit for any "structure, encroachment, facility, or appurtenance that may interfere with . . . any county [flood control] facility."

17.08.075: Adds a new section to address maximum excess water release rates into county flood control facilities. Maximum release rates shall be based on studies carried

out pursuant to section 17.04.050, and if a study is not available establishes a maximum discharge rate of 0.2 cubic feet per second per acre. Creates exceptions to the maximum release rate where a property owner has a vested right to a higher discharge rate or where a preexisting master development agreement is deemed acceptable by the division director.

Chapter 17.20

17.20.020: Update and standardized the definition of a “one percent annual storm event.”

17.20.060: Changes this section to mirror section 17.08.075. Addresses maximum excess water release rates into storm drain systems. Maximum release rates shall be based on studies carried out pursuant to section 17.04.050, and if a study is not available establishes a maximum discharge rate of 0.2 cubic feet per second per acre. Creates exceptions to the maximum release rate where a property owner has a vested right to a higher discharge rate or where a preexisting master development agreement is deemed acceptable by the division director.

Thank you,

Kade D. Moncur, PE, CFM
Division Director
Flood Control Engineering
Salt Lake County